

COMMENCEMENT

NORTH DAKOTA
STATE UNIVERSITY

SPRING 2022



SOCIAL MEDIA GUIDE

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

THIS PROGRAM IS NOT AN OFFICIAL GRADUATION LIST.

While every effort is made to ensure accuracy in this Commencement program, deadlines may result in omission of some names and use of names of persons not completing graduation requirements as intended. This 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 NORTH DAKOTA STATE UNIVERSITY

SPRING COMMENCEMENT
MAY 14, 2022

President Dean L. Bresciani presiding

PROCESSIONAL POMP AND CIRCUMSTANCE, EDWARD ELGAR
North Dakota State University Brass Ensemble
Dr. Jeremy Brekke, Conductor

PRESENTATION OF THE COLORS NDSU AIR FORCE AND ARMY ROTC BATTALION

THE NATIONAL ANTHEM THE STAR-SPANGLED BANNER, FRANCIS SCOTT KEY
North Dakota State University Brass Ensemble
Dr. Jeremy Brekke, Conductor
10 a.m. Micah Nicolai
2 p.m. Emily Paulson

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

WELCOME AND REMARKS PRESIDENT BRESCIANI

GREETINGS DR. JILL LOUTERS
North Dakota University System State Board of Higher Education

INTRODUCTION OF STUDENT SPEAKER DEAN MICHAEL KESSLER
College of Engineering
10 a.m. ceremony
DEAN CHARLES PETERSON
College of Health Professions
2 p.m. ceremony

STUDENT ADDRESS ANDREW CHRISTIANSON
Graduating Class Representative
10 a.m. ceremony
ROSE YANG
Graduating Class Representative
2 p.m. ceremony

**ADMINISTRATION OF OATH
TO SECOND LIEUTENANT CANDIDATES** LTC JARED N. FERGUSON
Professor of Military Science
10 a.m. ceremony

PRESENTATION OF CANDIDATES FOR DEGREESPROVOST MARGARET FITZGERALD

CONFERRAL OF HONORARY DOCTORATEPRESIDENT BRESCIANI
Neal Fisher
Honorary Doctorate of Agriculture
2 p.m. ceremony

CONFERRAL OF DEGREESPRESIDENT BRESCIANI

PRESENTATION OF COLLEGES

10 A.M.

Graduate and Interdisciplinary Studies | pg. 9Dean Susan Sell
Arts, Humanities and Social Sciences | pg. 14 Dean David Bertolini
Engineering | pg. 23Dean Michael Kessler
Human Sciences and Education | pg. 32Co-Interim Deans Jill Nelson and Jim Deal

2 P.M.

Agriculture, Food Systems, and Natural Resources | pg. 10 . . Vice President, Dean and Director Greg Lardy
Business | pg. 19 Dean Scott Beaulier
Health Professions | pg. 28 Dean Charles Peterson
Science and Mathematics | pg. 38 Dean Kimberly Wallin

CLOSING REMARKSPRESIDENT BRESCIANI

NDSU SCHOOL SONG THE YELLOW AND THE GREEN, MINARD-PUTNAM
10 a.m. Micah Nicolai
2 p.m. Emily Paulson

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

Please remain seated until the recessional concludes.



NEAL FISHER

Neal Fisher's long and distinguished career with the North Dakota Wheat Commission has had a dramatic and lasting impact on North Dakota agriculture.

He joined the commission in 1978 as a marketing specialist and rose to be named administrator in 1998. Fisher works directly in export market development, research, quality assurance, transportation, and trade policy to improve the global competitiveness of North Dakota wheat. He coordinates commission policies and actions on wheat industry issues, and has

provided market development and technical assistance services to customers in more than 80 countries for nearly four decades.

He is a member of the Joint Trade Policy Committee of the National Association of Wheat Growers and U.S. Wheat Associates; and the Agricultural Trade Advisory Committee of the Office of the U.S. Trade Representative and the U.S. Department of Agriculture in Washington, D.C.

Fisher is an NDSU alumnus, earning his bachelor's degree in 1973 and master's degree in 1976, both in agricultural economics.

He is a member of the Upper Great Plains Transportation Institute's Advisory Committee and the board of directors of the North Dakota Center for Agricultural Policy and Trade Studies. He previously served on the State Board of Agricultural Research and Education and also served on the NDSU Research Foundation board.

He has been an NDSU Foundation trustee since 2010, serves on the Compensation and Nominating and Governance Committees and is currently vice chair of the Executive Governing Board.

Fisher gives expert testimony on agricultural policy matters and international trade issues before Congressional committees, USDA, International Trade Commission, U.S. Trade Representative's Office and the North Dakota Legislature. In addition, he has presented papers and testimony on trade matters before the World Trade Organization, European Commission in Brussels, Belgium, and the International Court of World Trade in New York.

Fisher's career has focused on the best interests of wheat producers and the broader wheat industry. He also is a strong proponent of North Dakota's increasingly diversified agricultural base, comprised primarily of wheat, corn, soybeans and livestock; enterprises that account for nearly 80% of the \$10 billion annual value of North Dakota agriculture. A dozen or more high-value specialty crops round out a very important additional 20%.

He continues his interest in the family farming and ranching enterprise near Tappen, North Dakota, where his son Josh is principal owner and operator. Fisher and his wife, Deborah, have three grown children and three grandchildren. All the adults have degrees from NDSU and proudly wear Bison gear.

CANDIDATES FOR APPOINTMENT TO SECOND LIEUTENANT

DEPARTMENT OF MILITARY SCIENCE (ARMY ROTC) COMMISSIONEES

10 a.m. ceremony

Jacob Chapman Moorhead, Minnesota
North Dakota National Guard

Denis Duku Ghana
North Dakota National Guard

James Evenson Fargo, North Dakota
North Dakota National Guard

Jacob Gombold New Brighton, Minnesota
Active Duty

Rochelle Hansen Leeds, North Dakota
North Dakota National Guard

Morgan Hovde Minto, North Dakota
North Dakota National Guard

James Moffet Barney, North Dakota
North Dakota National Guard

Lance Nelson Taylors Falls, Minnesota
Active Duty

Grant Schafer Flasher, North Dakota
North Dakota National Guard

Mason Schwerzler Stillwater, North Dakota
North Dakota National Guard

Samuel Smith Shakopee, Minnesota
Active Duty

CLASS REPRESENTATIVE

Andrew Christianson 10 A.M. CEREMONY

Christianson, who grew up in Fargo, is receiving his Bachelor of Science in mechanical engineering. He was active in Engineering Ambassadors, American Society of Mechanical Engineers and intramural sports and served as an engineering tour guide. An outstanding student, he earned the Dr. Edwin Wetterstrom Scholarship, Opus Group Scholarship, Dr. Sherman P. Goplen Mechanical Engineering Scholarship, Fargo–Moorhead Engineering Club Scholarship, Dollars for Scholars Scholarship, Provost Award and North Dakota Scholarship. Since the end of his freshman year, Christianson has worked as a product development design engineer for CNH Industrial where he has assisted with 78 projects on the “4WD Steiger Series.” After graduation, he plans to continue with CNH Industrial while pursuing additional knowledge in aerospace engineering in his spare time. He is the son of Mark Christianson, Oakes, North Dakota, and Belinda Christianson, Mott, North Dakota.

Rose Yang 2 P.M. CEREMONY

Yang is receiving her Bachelor of Science in pharmaceutical sciences. Highly active as a student, she is the historian for the Phi Lambda Sigma leadership society, a researcher and social media manager for the “SNAP the Stigma” mental health event and a member of the Green Bandana Project. She also was a College of Health Professions mentor and served on the pharmacy curriculum committee. In addition, she was vice president for Weible Hall and organized a homeless shelter event to gather necessities for the homeless. Yang earned the CVS Health Scholarship and the Ben Simons Scholarship, and currently interns for the Family HealthCare ambulatory care pharmacy. She will continue her education at NDSU, seeking her Doctor of Pharmacy degree with the career goal of working in an ambulatory care setting. Her parents, Chue Yang and Chong Lor, are from Laos, and she was raised in Brooklyn Park, Minnesota.

SOLOIST

Micah Nicolai 10 A.M. CEREMONY

Nicolai, a music major from New Rockford, North Dakota, is earning his Bachelor of Music in vocal music performance. At NDSU, he has been involved in multiple choral ensembles, including NDSU Concert Choir, Madrigal Singers, Bison Arts Singers and several recital choirs. He has performed leading and ensemble roles in numerous NDSU Opera and Theatre NDSU productions including, most recently, Aeneas in “Dido and Aeneas” and Sir Danvers Carew in “Jekyll and Hyde.” Nicolai is a member of the Challey School of Music Student Council, College Music Society and the NDSU Hacky Sack Club. He has studied voice under Robert Jones, professor of voice in the Challey School of Music and Kelly Burns, assistant professor in the Challey School of Music. His career goals are to work professionally in operatic productions and musical theatre productions.

Emily Paulson 2 P.M. CEREMONY

Paulson is earning her Bachelor of Arts in music with an emphasis in voice. During her time at NDSU, she has performed with multiple ensembles, including the University Chamber Singers, NDSU Madrigal Singers, NDSU Concert Choir and NDSU Opera. Paulson, who is from Bowman, North Dakota, recently starred as The Spirit in NDSU Opera’s fall production of “Dido and Aeneas” and as a soloist in NDSU’s annual performance of Handel’s “Messiah.” She also was a chorus member in two recent productions with the Fargo–Moorhead Opera and is an active member in College Music Society. She studied voice under Kelly Burns, assistant professor in the Challey School of Music. This fall, she will be starting her studies for her master’s degree in library science with a specialization in music at Indiana University–Bloomington. Her career goal is becoming a music librarian.

COLLEGE OF GRADUATE AND INTERDISCIPLINARY STUDIES

Candidates will be presented by Dean Susan Sell and marshaled by Dr. Craig Stockwell.

DOCTOR OF PHILOSOPHY

Shatha Alaoufi *Food Safety*

“Survey of Claviceps Purpurea and Fusarium
Toxins in Spring Wheat and Fungicid Efficacy on
Ergot Sclerotia, Alkaloid Content, and Saprophytic
Fusarium Associated Toxins”

Advisor: Dr. Senay Simsek

Karl Anderson *Environmental and Conservation Sciences*

“Bugs, Drugs, and Genes: Veterinary Antibiotics and
Resistance Fate and Transport from Cattle Feedlots
via Airborne Particulates”

Advisor: Dr. Eakalak Khan

Stacie L. Blue *Natural Resources Management*

“Measuring Plant Knowledge of Rolette County
Citizens”

Advisor: Dr. Shawn DeKeyser

Raj S. Hazra *Materials and Nanotechnology*

“Modification of Bio-Based Polymers and its
Diverse Applications”

Advisors: Dr. Long Jiang and Dr. Mohiuddin Quadir

Dustin L. Toy *Natural Resources Management*

“Evaluating Financial, Social, and Waterbird
Implications of Farming Within Wetlands
Imbedded in Agricultural Fields”

Advisor: Dr. Shawn DeKeyser

MASTER OF SCIENCE

Stephen L. Ahrenholz

Natural Resources Management

Cody M. Anderson

Environmental and Conservation Sciences

Emma K. Chandler

Environmental and Conservation Sciences

Carlee M. Coleman

Natural Resources Management

Sarah Gibbs Schnucker

Environmental and Conservation Sciences

Jessica M. Lindstrom

Environmental and Conservation Sciences

Kennedy L. Lund

Genomics, Phenomics and Bioinformatics

Monica R. Polgar

Natural Resources Management

Ankita A. Sawant

Environmental and Conservation Sciences

Kate L. Volk

Environmental and Conservation Sciences

Larkin M. Walter

Environmental and Conservation Sciences

MASTER OF NATURAL RESOURCES MANAGEMENT

Matthew T. Doll

Shaeli M. Ekstein

Kaly Miasso

Joshua E. Wert

COLLEGE OF AGRICULTURE, FOOD SYSTEMS, AND NATURAL RESOURCES

Candidates will be presented by Dean Gregory Lardy and marshaled by Dr. Todd West.

DOCTOR OF PHILOSOPHY

Deepika Arora *Plant Pathology*

“Using Next-Generation Sequencing Techniques and Molecular Tools in Studies Related to a Root-Lesion Nematode *Pratylenchus Scribneri*”
Advisor: Guiping Yan

Friederike Waltraud Mechtilde Baumgaertner *Animal Sciences*

“Effects of Supplementation During Gestation on Performance and Reproductive Parameters in Beef Heifers and Their Offspring”
Advisor: Dr. Kevin Sedivec

Ryan R. Buetow *Plant Sciences*

“Factors Influencing Wheat Establishment and the Role of Uniform Stand Establishment on Yield”
Advisor: Joel Ransom

Michaela Fevold *Animal Sciences*

“Understanding Consumer Perception and Acceptance of Multiple Red Meat Products and the Influence of the American Meat Science Association’s Intercollegiate Meat Judging Program on Participants”
Advisor: Dr. Robert Maddock

Diksha Goyal *Soil Science*

“Corn Response to Sulfur in the Red River Valley”
Advisor: Dr. Amitava Chatterjee

Seyedali Hosseinirad *Plant Sciences*

“Identification of Genomic Regions Associated with Color-Related Traits in Durum Wheat”
Advisor: Dr. Elias Elias

Anil Karmacharya *Plant Pathology*

“Molecular Mapping of QTL for Transformation-Related Trait and CRISPR/Cas9-Based Gene Editing in Wheat”
Advisor: Dr. Shaobin Zhong

Alexander H. Knudson *Entomology*

“A Phylogenetic Analysis and Revision of the Teleonemia Costa Generic Complex (Hemiptera:Heteroptera:Tingidae)”
Advisors: Dr. David A. Rider and Dr. Janet J. Knodel

Jayani C. Maddakandage Dona *Cereal Science*

“Effect of Mill Settings and Starter Cultures on Nutritional Attributes and In Vitro Fecal Fermentation of Sourdough Bread”
Advisor: Dr. Senay Simsek

Ana M. Magallanes Lopez *Cereal Science*

“Ingredients Extracted from Dry Beans: Chemical, Structural, and Functional Characterization”
Advisor: Senay Simsek

Randy S. Nelson *Soil Science*

“Evaluating Ornamental Grasses for the Challenging Rain Garden Environment”
Advisors: Dr. Aaron Daigh and Dr. Esther McGinnis

Chyna K. Pei *Range Science*

“The Importance of Native Plant Diversity to Support Native Bee Communities in Exotic Plant-Dominated Grasslands Systems”
Advisor: Dr. Torre Hovick

Jayanta Roy *Plant Sciences*

“Genome-Wide Association Mapping and Genomic Prediction for Resistance to Sclerotinia Stem Rot in Rapeseed/Canola (*Brassica Napus* L.) Germplasm Collections”
Advisor: Dr. Md Mukhlesur Rahman

Thomas M. Winders *Animal Sciences*

“Evaluation of Hempseed Cake as a Feedstuff for Beef Cattle Finishing Diets”
Advisor: Dr. Kendall Swanson

MASTER OF SCIENCE

Sagar Adhikari

Plant Sciences

Hashim Muhammad Andidi

Plant Sciences

Kodjo Barnor

Agribusiness and Applied Economics

Zachary J. Bartsch

Soil Science

Erika Shay H. Bauer

Microbiology

Samuel K. Bibby

Plant Sciences

Mary Mena Boateng

Agribusiness and Applied Economics

Tuhinur Rahman Chowdhury

Agribusiness and Applied Economics

Corbin C. Clark

Agribusiness and Applied Economics

Razia Dawlaty

Microbiology

Alec A. Deschene

Soil Science

Andre D. Gossweiler

Plant Sciences

Emma Hawley

Microbiology

Shakil Hosain

Plant Sciences

Abiodun Idowu

Agribusiness and Applied Economics

Mohsina Jahan

Agribusiness and Applied Economics

Ela Jusino Montalvo

Plant Sciences

Venkateswara Rao Kadium

Plant Sciences

Dylan M. Kallman

Agribusiness and Applied Economics

YongJae Kim
Plant Pathology

Jarrett M. Lardy
Soil Science

Ashok Mandal
Plant Sciences

Macie K. Mosher
Animal Sciences

Kenneth I. Mozea
Plant Sciences

Debdutta Nath
Microbiology

Katie L. Nelson
Plant Pathology

Kamal Neupane
Plant Pathology

William P. Ogdahl
Animal Sciences

Ekta Ojha
Plant Pathology

Samuel O. Olorunkoya
Animal Sciences

Shawna L. Pantzke
Entomology

Brian C. Smart
Plant Sciences

Dominique M. Sommer
Animal Sciences

Jeffery K. Stith
Plant Sciences

Faria Tabassum
Agribusiness and Applied Economics

Haley L. Visto
Plant Sciences

Kelly Walter
Microbiology

Megan R. Wanchuk
Range Science

Kimberly J. Zralka
Range Science

BACHELOR OF SCIENCE

•• **Micah A. Aanerud**
Agricultural Economics

Thomas J. Aberle
Economics

•• **Alex T. Abrahamson**
General Agriculture

• **Emma K. Ahlberg**
Animal Sciences

Alexandria J. Anderson
Natural Resources Management

••• **Ellie S. Anderson+**
Animal Sciences
Veterinary Technology

Jarett E. Anderson
Agricultural Economics

Katlyn M. Anderson+
Veterinary Technology

Elizabeth K. Bannerman
Animal Sciences

•• **Caleb J. Becker**
Precision Agriculture

Cole L. Bennion
General Agriculture

Erik J. Benson
Crop and Weed Sciences

Hunter S. Bentten
Crop and Weed Sciences

Jacob M. Berntson
General Agriculture

Britton C. Bina
General Agriculture

Sarah C. Bofferding
Horticulture

Aaron C. Bredeson
General Agriculture

• **Adam W. Brendemuhl**
Natural Resources Management

Austin M. Brenner
Agricultural Economics

••• **Gretchen M. Brummond**
Microbiology

Shelby R. Burchfield
Horticulture

Hunter J. Burchill
General Agriculture

Jake S. Callander
Agricultural Systems Management

•• **Jacob M. Chapman**
Economics
Statistics

Jack E. Clark
Economics

Cooper C. Coleman
General Agriculture

••• **Micah T. Curran**
Biotechnology
Microbiology

Kendra L. Dahle
Veterinary Technology

•• **Heather M. Davis**
Natural Resources Management

••• **Isaac D. Deal**
Agribusiness

Aaron P. Dean
Precision Agriculture

••• **Harli K. Dragt**
Microbiology

• **Isaac A. Dubovoy**
Economics

••• **Morgan Dutton**
Animal Sciences

Reed A. Edwardson
General Agriculture

•• **Rylie K. Elvers**
Microbiology

•• **Tyler R. Enerson**
Agricultural Economics

•• **Annabelle Erceg**
Veterinary Technology

• **Courtney L. Everson**
Animal Sciences

•• **Amanda L. Fideldy**
Animal Sciences

Isabelle T. Flynn
Animal Sciences
Equine Science

Matthew S. Fraser
Crop and Weed Sciences

•• **Isaac F. Fridrich**
Natural Resources Management

Chase L. Gates
Agricultural Economics

- **Zhila L. Ghafour**
Microbiology
- Emily E. Groom⁺**
Animal Sciences
Equine Science
- **Shaun D. Gullekson**
Crop and Weed Sciences
- Harlee K. Gunning**
Crop and Weed Sciences
- Connor A. Haman⁺**
Veterinary Technology
- **Kira F. Hamilton⁺**
Veterinary Technology
- **Forrest J. Hanson**
Crop and Weed Sciences
- Olivia M. Hanten**
Animal Sciences
- Seth T. Harles**
Crop and Weed Sciences
- **Emma R. Harmsen**
Natural Resources Management
- **John M. Haverland**
Precision Agriculture
- **Katelyn Hayes⁺**
Veterinary Technology
- **Morgan P. Henke**
Animal Sciences
Equine Science
- **Clara C. Henneman**
Veterinary Technology
- Ashley D. Herseth⁺**
Veterinary Technology
- **Troy A. Hilz⁺**
Agricultural Economics
- Amanda M. Hintz**
Agribusiness
- Timothy C. Hodek**
General Agriculture
- Justin W. Hoffmann**
Agricultural Systems Management
- Savannah M. Holtzmann⁺**
Veterinary Technology
- **Benjamin J. Inman**
Horticulture
- **Jake A. Jenson**
Animal Sciences
- **Avery E. Jordan⁺**
Veterinary Technology
- Sierra R. Kaibel**
Animal Sciences
- **Mitchell D. Kalpin**
Agribusiness
- Aaron R. Kalthoff⁺**
Agricultural Systems Management
- Rylee J. Kanne**
Veterinary Technology
- Liam M. Keffer**
Animal Sciences
- Hannah A. Kieffer⁺**
Veterinary Technology
- Ashley M. Kiemele⁺**
Veterinary Technology
- **Alyssa K. Kilen⁺**
Veterinary Technology
- Trey L. Klain**
Animal Sciences
- Jacob L. Kok**
Natural Resources Management
- Zachary J. Kvamme**
Agricultural Economics
- **Jonah M. Kvernum**
Animal Sciences
- Alexander D. Langevin**
Natural Resources Management
- Drew H. Larsen**
Crop and Weed Sciences
- Haylee Leingang⁺**
Animal Sciences
- **Billie J. Lentz**
Agricultural Economics
- Landen J. Link-Nordick**
Crop and Weed Sciences
- Tyler J. Linneman⁺**
Crop and Weed Sciences
- Casey L. Lundin**
Microbiology
- **Brianna D. Maddock**
Biotechnology
- Nicholas L. Magstadt**
Microbiology
- **Anna G. Mahoney**
Food Science
- Rachel H. Manning⁺**
Veterinary Technology
- Douglas E. McArthur**
Crop and Weed Sciences
- Logan J. McMahan**
Animal Sciences
- Meghan C. Messer**
Economics
- **James C. Moffet**
Crop and Weed Sciences
- Mandy R. Molitor**
Animal Sciences
- **Anna T. Muggli**
Agricultural Systems Management
- Heather R. Nelson⁺**
Veterinary Technology
- Gabrielle E. Nemitz**
Animal Sciences
- Caitelyn M. Nguyen⁺**
Equine Science
- Madeliene S. Nichols**
Animal Sciences
- Jenessa E. Noeske⁺**
Veterinary Technology
- Bryan A. Nohava II**
General Agriculture
- Benjamin J. Nuss**
Agribusiness
- **Jayden M. Ochsner⁺**
Veterinary Technology
- **Caroline L. Osborne**
Biotechnology
- **Aaron N. Peterson**
Animal Sciences
- **Hannah J. Peterson**
General Agriculture
- **Maiah L. Peterson**
Animal Sciences
- Joseph R. Piechowski**
Natural Resources Management
- **Brandon J. Pierce**
Agricultural Economics
- Rylee A. Pladson**
Economics

- Tasha M. Pond+**
Veterinary Technology
- **Adam T. Powell**
Agricultural Economics
- **Jordan J. Powell**
Agricultural Economics
- Tate R. Promersberger**
Range Science
Natural Resources Management
- **Jenna C. Rademacher**
Agribusiness
- Taylor A. Rehovsky+**
Veterinary Technology
- **Allison M. Reishus+**
Veterinary Technology
- Kendra J. Roberts**
Animal Sciences
- **Jacob L. Rodin**
Agricultural Economics
- Star K. Rodriguez**
Microbiology
- **Delaney Rohde**
Animal Sciences
- Nicholas A. Rudnik+**
Agricultural Economics
- **Seth G. Rumohr**
Crop and Weed Sciences
- Jase E. Sailer**
Horticulture
- Jaylie J. Schatz+**
Veterinary Technology
- **Ethan R. Schepp**
Agricultural Economics
- Benjamin T. Schiller**
General Agriculture
- **Cole P. Schmalz**
Agricultural Economics
- **Kathleen M. Schmidt**
Microbiology
- **Abrielle P. Schnurr+**
Food Science
- Wyatt A. Schumacher**
Horticulture
- **Jordan N. Senger**
Crop and Weed Sciences
- Briana Sharkey**
Animal Sciences
- **Lucas J. Simmer**
Agricultural Economics
Political Science
- Ethan P. Skogquist**
Animal Sciences
- **Kathryn R. Slavick**
Microbiology
Animal Sciences
- Eric Smith**
Horticulture
- Laura A. Smith+**
Equine Science
- Hayden E. Sorenson**
Agribusiness
- **Gabriel B. Specht**
Agricultural Systems Management
- Finnian T. Speier+**
Economics
- **Hunter Spielvogel**
Microbiology
- **Landon J. Sprague**
Crop and Weed Sciences
- Josh M. St. Onge**
Crop and Weed Sciences
- Allison M. Stoner**
Food Science
- **Kaden W. Strom**
Animal Sciences
- Dylan P. Swanson**
Animal Sciences
- **Jade N. Swanson**
Animal Sciences
- Trevor S. Theurer**
Microbiology
- Jonathan C. Thomas**
General Agriculture
- Kirstin L. Tidd**
Agricultural Economics
- **Lydia J. Treichel**
Natural Resources Management
Philosophy/Humanities
- Micaela B. Urbach**
Animal Sciences
- Michael C. Van Santen**
Agricultural Systems Management
- Miranda J. Vanderhyde**
Microbiology
- Suemeng Vang**
Biotechnology
Microbiology
- **Rachel A. Voigt**
Animal Sciences
- Jacob B. Wagner**
Crop and Weed Sciences
- **Kyle Wahoski**
Crop and Weed Sciences
- **Teresa Wald**
Agricultural Economics
- Philip Walking Elk+**
Agribusiness
- Michael D. Wall**
Agricultural Economics
- **Grant A. Wallace**
Microbiology
- **Taylor R. Warta**
Animal Sciences
Equine Science
- Rylee J. Wedell+**
Veterinary Technology
- Raelin R. Welle**
Animal Sciences
- Riley D. Werven**
Precision Agriculture
- Emma C. Wickoren+**
Veterinary Technology
- **Dakota P. Wolfe**
Precision Agriculture
- **Sadia S. Zafar**
Animal Sciences
Equine Science
- **Maximilian S. Zborowski**
Microbiology
- Marina E. Zetocha+**
Veterinary Technology
- **Abby Zidon**
Animal Sciences

COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

Candidates will be presented by Dean David Bertolini and marshaled by Dr. Eric Syvertson.

DOCTOR OF MUSICAL ARTS

Michael J. Langer *Music*

“Political Activism Through Music: A Performer’s Guide to Selected Piano Works of Cornelius Cardew (1936-1981) and Frederic Rzewski (1938-2021)”

Advisor: Dr. Tyler Wottrich

Hong Liang Ng *Music*

“From Paintings to Opera: The Transformation from William Hogarth’s (1697-1764) Paintings A Rake’s Progress (1734) to Igor Stravinsky’s (1882-1971) Opera The Rake’s Progress (1951) with a Libretto by Wysten Hugh Auden (1907-1973) and Chester Kallman (1921-1975)”

Advisor: Dr. Tyler Wottrich

Byron K. Ward *Music*

“Cornets, Creativity, and Celebration: The Life and Works of Virtuoso Cornetist Alessandro Liberati (1847-1927)”

Advisor: Dr. Jeremy Brekke

DOCTOR OF PHILOSOPHY

Aaron Barth *History*

“Settler Pioneers and Post-Pioneers on the Northern Plains: Growing Invisible Roots Deep into Complex Historical Soil”

Advisor: Dr. Thomas Isern

Marcelo M. Ferreira *Emergency Management*

“Pursuit and Achievement of Emergency Management Accreditation”

Advisor: Dr. Jessica Jensen

Erik Gustafson *Communication*

“Voting Technology, Democracy, and Propaganda: Ontological Considerations for the 2020 U.S. Presidential Election”

Advisor: Dr. Robert Mejia

Jillene A. Krause *Communication*

“Sexual Harassment and Employee Identification in Radio Broadcasting Companies”

Advisor: Dr. Justin Walden

Kenneth L. Smith *History*

“Mind and Hand: The First Twenty Years of Ellendale, North Dakota”

Advisor: Dr. Tom Isern

Olivia M. Vogt *Communication*

“‘You are an experience!’: A critical Discourse Analysis of Transgender and Gender Nonconforming Characters in Children’s Animated Aeries”

Advisor: Dr. Melissa Vosen Callens

Joseph Berens

Justin C. Berg

Greta Bleeker

McKenna G. Brown

Carol M. Carpenter

Hunter Chaput

Audrey Crandell

Luke M. Devries

Emma J. Dietrich

Jacob Edwards

Jacob E. Foster

Ryan M. Friesen

Daniel L. Gottwalt

Kiara R. Groth

Trevor J. Guck

Luke P. Gulbranson

Kaili M. Haller

Jared M. Hallman

Taylor E. Hemmesch

Jared R. Hunt

Syris A. Jenson

Jared L. Kaesmeyer

Shayna Karuman

Jolene L. Kerr

Samuel A. Klun

Emily L. Kreil

Reanna Lardy

Riley E. Longnecker

Jordan M. Magistad

Nicole I. Mathiowetz

Elsie M. McGuigan

JeAnna Miller

Chase L. Mosser

Daniel J. Ness

Mary Nyaronga

Alysse A. Ogaard

Emily S. Olson

Mitchell S. Osland

Kaleb L. Overman

Daniel K. Porwoll

McKenna L. Reller

Adam J. Reynolds

Jacob R. Saunders

Amanda K. Scott

Elaine Smith

Winfred Stinar

Dominic M. Sunder

Godfrey Tadeo

Eva M. Taylor

James W. Thomson

Jeremiah C. Thyen

Gabriella Toquam

Brennan J. Tyler

Christopher A. Utt

Greta J. Vogeler

Alecia M. Vogl

Amelia R. Walker

MASTER OF ARCHITECTURE

Sidney J. Angell

Ashton L. Barta

MASTER OF ARTS

Stefanie M. Aulner
History

Meghan A. Devries
English

Mykal R. Drosdal
Communication

Elisabeth M. Fricker
History

Brianna M. Gunka
Community Development

Ezzat Haider
Communication

Margaret C. Krull
Communication

Mckenzie L. Lauth
Communication

Dinema Mate
Communication

Nicole J. Mohs
Sociology

Jacob M. Morris
History

Kerri N. Nelson
English

Meg E. Perry
English

Alexis Pitchford
Communication

Benjamin M. Pitkin
English

Mir Md Fazla Rabby
Communication

Vanessa A. Rickertsen
English

Aaron Rudebusch
History

Isaac J. Sullivan
English

Emma H. Tomb
History

MASTER OF LANDSCAPE

ARCHITECTURE

Alexander R. Arrayan

Abigayle L. Brown

Colin J. Ceason

Sawyer Delp

Kai J. Halverson

Trey T. Kramer

Sina S. Lee

Haley E. Lind

Abdirahman M. Mohamud

Bennett Rindy

Thomas M. Swenson

MASTER OF MUSIC

Casey J. Behm

Kyle R. Berger

Jonas T. Biles

Jesse J. Dunaway

Michael J. Langer

Hannah E. Overbey

Eric R. Pothen

Richard J. Schrom

Byron Ward

MASTER OF SCIENCE

Elyse M. Anderson
Criminal Justice

Kaitlynn M. Anderson
Anthropology

Natalie A. Basta
Anthropology

Dominic J. Davis
Criminal Justice

Natalie L. Harmon
Criminal Justice

Debarati Kole
Sociology

Kamal Kumar Nepali
Sociology

Alexis R. Schmitz
Criminal Justice

Vanessa Waller
Criminal Justice

Ashley C. Zidon
Community Development

BACHELOR OF ARTS

Arianna A. Charon
Spanish

••• **Emily R. Paulson**
Music

Brennan G. Unruh
Journalism

BACHELOR OF FINE ARTS

••• **Katherine E. Andreachi**
Theatre Arts

••• **Scobie C. Bathie**
Theatre Arts

Corey L. Christian
Theatre Arts

• **Paul J. Graber**
Theatre Arts

Casey D. Hennessy
Theatre Arts

• **Jered H. Johnson**
Art

Madison W. Johnson
Theatre Arts

Sarthak Kaushik
Art

• **Benjamin T. Swenson**
Art

Andrew R. Whipple
Theatre Arts

BACHELOR OF MUSIC

• **Thomas S. Brink**
Music

•• **Nicholas E. Lero**
Music

••• **Micah G. Nicolai**
Music

BACHELOR OF SCIENCE

- Kyla J. Aamodt**
History
- **Kellie C. Anderson+**
Criminal Justice
- Samuel C. Anderson+**
Sociology
- Jessica D. Bastyr**
Art
- Brandon Becker**
Criminal Justice
- **Chloe D. Bender**
Criminal Justice
- Micah P. Binde**
Journalism
- Carl C. Bjugstad**
Criminal Justice
- Keegan J. Blake+**
Emergency Management
- Riley P. Boehm+**
Journalism
- **Chloe M. Botts**
Criminal Justice
- **Tyler J. Braun**
Criminal Justice
- **Megan G. Brown**
English
- Zachery J. Bruns**
Emergency Management
- Broderick D. Bryngelson**
Strategic Communication
- Grace D. Burke**
Strategic Communication
- Addison T. Carlsrud+**
Political Science
- Kendra M. Carlstrom**
Criminal Justice
- Jeremy W. Caulfield**
Emergency Management
- Brandon P. Chase+**
Philosophy/Ethics
- **Caleb T. Collins**
Emergency Management
- Sarah K. Colwell**
Strategic Communication
- Hannah L. Czech+**
Strategic Communication
- **Ashlyn S. Dilley**
Art
- Cassandra L. Dornacker+**
Criminal Justice
- Madeline R. Dostal**
Management Communication
- **Brenna J. Dullum**
Political Science
- David N. Eiden+**
Management Communication
- Saylor E. Elwood**
Strategic Communication
- **Shane A. Ensz**
Environmental Design
- **Tabbitha A. Erceg**
English
- Conor S. Fehr+**
Emergency Management
- Ryan Z. Ferguson+**
Emergency Management
- Jayden W. Fore+**
Journalism
- **Heather L. Gades**
Political Science
Human Development and Family Sciences
- Alexandra L. Garding**
Criminal Justice
- William D. Gerads**
Philosophy/Ethics
- **Elizabeth M. Gerner**
Theatre Arts
- Malak J. Geu+**
Journalism
- Katrina L. Gunderson**
Emergency Management
- **Delaney J. Halloran**
Sociology
Women and Gender Studies
- John D. Hanscom**
Political Science
- **Sara E. Hansen**
Management Communication
- Isaiah M. Harken**
History
- **Jared M. Harr+**
Criminal Justice
- **Alexis M. Heckert**
Criminal Justice
- **Garrett C. Hodenfield**
Environmental Design
- Jamisen C. Hoeft**
Criminal Justice
- **Tatum Hoff+**
Public History
- **Marly R. Holmquist+**
Strategic Communication
- **Morgan B. Hovde**
Political Science
Journalism
- **Matthew W. Irvine**
Music
- Matthew T. Jacobson**
Environmental Design
- Abe L. Johannes**
Criminal Justice
- **Madelynn M. Johnson+**
Journalism
- Kasidy R. Justen**
Philosophy/Ethics
- **Kolbie R. Kapaun**
Strategic Communication
- Kayla M. Kessler**
History
- Hunter G. Kivley**
Management Communication
- **Grace M. Klassen**
Journalism
- Shelby L. Layman**
Criminal Justice
Political Science
- Ryan J. Lemke**
Criminal Justice
- Grayson P. Lewis+**
Criminal Justice
- Garrett M. Lieberg+**
Environmental Design
- **McKenna E. Lilja**
Art Education

- Harrison W. Loebertmann+**
Emergency Management
- **Xantippean R. Lonewolf**
Environmental Design
- Ian J. Longtin+**
Journalism
Criminal Justice
- Angel Joy D. Manabat**
Strategic Communication
- **Ava C. Martinsen**
Art
- Cameron P. Miller+**
Emergency Management
- Zane J. Miller**
Emergency Management
- **Benjamin K. Mocnik**
Environmental Design
- Kiana L. Monkman**
Management Communication
- Daisy V. Murillo**
Sociology
- Nicholas H. Nassen**
Management Communication
- Olivia A. Nellerhoe**
Political Science
- Alontra Neunsinger+**
Anthropology
- Shayleigh J. O'Hanlon+**
Emergency Management
- Josiah D. Olsen**
Criminal Justice
- Colin D. Olson**
Sociology
Political Science
- **Ashley B. Peifer**
Strategic Communication
- Abby E. Petersen**
Strategic Communication
- **Brooke M. Peterson**
Criminal Justice
- **Miranda M. Plant+**
Criminal Justice
- Cassandra J. Plutowski**
Criminal Justice
- Phillip K. Pollis+**
Strategic Communication
- Blaine Radtke+**
Emergency Management
- Sophie M. Rios+**
Sociology
- Natasha E. Rosario**
Women and Gender Studies
Sociology
- Carter C. Rud**
Journalism
- **Katlyn I. Rydberg**
Environmental Design
- Taylor F. Saiger**
Management Communication
- Lauren O. Sather**
Criminal Justice
- **Grant M. Schafer**
Criminal Justice
- Madeline C. Schauer**
Agricultural Communication
- **Faith Scheuer**
History
Philosophy/Humanities
- Lukas S. Schiermeister+**
Management Communication
- Megan R. Schmidt**
Criminal Justice
Political Science
- **McKenzie M. Schulz**
Criminal Justice
- **Mason A. Schwerzler**
Criminal Justice
- **Craig A. Schwinden**
Emergency Management
- **Maria G. Sebekow**
Criminal Justice
- **Mariah R. Seidel**
Music
Psychology
- Matthew J. Senft**
Political Science
- **Benjamin J. Smail**
Environmental Design
- Carter E. Smith**
Environmental Design
- **Hannah N. Sorensen**
Criminal Justice
- Ashleigh L. Stuvland**
Criminal Justice
- Tanner M. Sundt**
Management Communication
- Anh T. Tao+**
Art
- Angelia Taylor**
Emergency Management
- **Amalia C. Thomas**
Strategic Communication
- Lillian M. Tobin**
Art
- **Tyler D. Todd**
Criminal Justice
- **Cassandra D. Tweed**
Art
- **Rachel M. Ullmer**
Music
- Amanda Unger**
Sociology
Political Science
- Mason D Urban+**
Journalism
- Blake A. Vogt+**
Criminal Justice
- **Ceyenne H. Walton+**
Emergency Management
- **Helen I. Wax**
Anthropology
- Derek W. Webb**
Criminal Justice
- Dawson P. Weber**
Sociology
- Zachary T. Weigman**
Criminal Justice
- Benjamin J. Werner**
Criminal Justice
- Jack R. Whelan**
Art
- Mikhail R. Wicker+**
Emergency Management
- Andrew A. Williams**
Environmental Design

Jordan J. Winter

Criminal Justice

Yngvi C. Winterscheid

Anthropology

Melinda L. Wittmer+

Emergency Management

• **Maxwell J. Wolfe**

Management Communication

Mason S. Wozniak

Management Communication

Luna M. Zauhar+

Political Science

International Studies

• **Brayden T. Zenker+**

Strategic Communication

Marshall P. Ziegler

History

•• **Andie M. Phelps**

••• **Royce L. Pichetti**

•• **Elizabeth Ponto**

David A. Pringle

•• **Anna C. Rybacki**

Tucker D. Schoenfish

•• **Kirsten A. Spaude**

••• **Kenan C. Stoltenow**

••• **Alyssa M. Svidersky**

••• **Tanner J. Trosen**

•• **Cody D. Verschelde**

•• **Andrew R. Wangler**

•• **Sydney S. Weigel**

•• **Cal A. Wigstrand**

••• **Cassidy J. Wilson**

•• **Daniel H. Zitzow**

BACHELOR OF SCIENCE

ARCHITECTURE

••• **Gaius Josiah D. Arroyo**

•• **Camille A. Becker**

•• **Lauren D. Bender**

Danyan C. Blazek

Litzy M. Chamu

Jack E. Clark

• **Robert W. Currie**

•• **Jacob A. Curtis**

• **Ly Truong Phuc Dang**

•• **Grace A. Dietz**

• **Tyler R. Fahrendorf**

•• **Souiedi K. Fielmich**

•• **Ian E. Foster**

• **Mason V. Gaskins**

•• **Rebekkah Gilbertson**

• **Caiden W. Gray**

•• **Jessica R. Grones**

•• **Daniel T. Heckmann**

•• **Luke M. Hoberg**

••• **Sophie L. Hollander**

•• **DeAnna J. Hurley**

••• **Rachel B. Jacobsen**

•• **Lilly E. Johnson**

••• **Lexi C. Jordheim**

• **Kaitlyn M. Kane**

•• **Zachary S. Kenoyer**

••• **Katie T. Kent**

•• **Brady R. Kowalzek**

Brooke L. Krutsinger

•• **Makala J. Kubischta**

••• **Matthias J. Langley**

•• **Elias R. Lazaro**

Mariah B. Lease

•• **John Llapa**

•• **Matthew E. Mayer**

• **Bailey J. McMahon**

••• **Alexandra M. Messner**

• **Zachary C. Nelson**

••• **Hailey O'Connor**

•• **Ella M. Paul**

•• **Trenton J. Peterson**

BACHELOR OF UNIVERSITY STUDIES

Sharayah L. Andrews+

Katherine A. Backowski

Kasha L. Brewer

Tessa H. Bride

Michael Buetow+

Ashley D. Christianson+

Jarius B. Cook

Alexander C. Eggum

Britney Epperson+

Leah N. Granrud+

Julia G. Hallman

Josh D. Hoffart

Elijah J. Holter

Avery Housley

Cody B. Hummer

Allison N. Johnson

Elizabeth J. Johnson

Holly E. Kieffer

Eric J. Kleman

MarJenna M. Koehler+

Lisa A. Kresky+

Joshua P. Krueger

Luke Kubat

Eric E. Letvin

Shaina J. Lynnes

Levi Maguire+

Brandon R. McBain

Willie N. Mundine+

Aryn P. Parker+

Quincy Patterson

Carter W. Powley

Poppy G. Rayzeik

Nicholas M. Reitan

Rachel A. Renor+

Bryce M. Rohrich+

Cassandra J. Simpson

Amanda L. Smith+

Tyler A. Tjosaa

Robert J. Wagner

Sharonie C. Wellumson

Paul D. Werder

TaMerik Williams

COLLEGE OF BUSINESS

Candidates will be presented by Dean Scott Beaulier and marshaled by Dr. Ahmad Al Asady.

DOCTOR OF PHILOSOPHY

Kenechukwu C. Ezekwem *Transportation and Logistics*
“A Spatiotemporal Analysis of Urban Land Use
and Public Transportation”
Advisor: Dr. Ranjit Godavorthy

MASTER OF ACCOUNTANCY

Abigail M. Aberle
Ashley Cheuk
Grace L. Culshaw
Abbigael M. Hartel
Rachel E. Jonasson
Abbey L. Kitchens
Brady M. Liebl

MASTER OF BUSINESS ADMINISTRATION

Allison N. Bartholomay
Laura L. Eberhardt
Mykke P. Fandrich
Maya J. Feldsien
Wesley A. Green
Brittany J. Hofmann
Lexi D. Hovland
Kendra J. Klosterman
Tiffany M. Olson
Trevor Otterdahl
Hunter G. Pederson
Jenna R. Saatoff
Kirk J. Staiger
Matthew J. Stubblefield
David J. Teeples

MASTER OF SCIENCE

Aastha S. Bhandari
Business Analytics
Denis M. Duku
Business Analytics
Margaret Githua
Business Analytics
Brandon M. Labat
Business Analytics
Noah Moberg
Business Analytics
Abhishek Raj
Business Analytics
Kaeleigh Schroeder
Business Analytics
Nimrah Sohail
Business Analytics
Gabriel V. Thomas
Business Analytics

BACHELOR OF SCIENCE

Abubakar Abdikadir
Management Information Systems
Kylee R. Aberle
Business Administration
Isabelle R. Abner
Business Administration
Austin J. Ackerman
Business Administration
Brady D. Ackerman
Business Administration
Andrew J. Baer
Finance
Justin E. Banks+
Business Administration
••• **Jed A. Baranczyk**
Finance
Rudra B. Basnet
Business Administration
Ryan Bielenberg
Marketing
Sean T. Biber+
Business Administration
Alexius R. Boelter
Business Administration
Carson P. Booms+
Finance
Austin F. Braun
Accounting
••• **Kassie J. Breidenbach**
Business Administration
Mason M. Brekke
Marketing
Cory M. Brodeur
Marketing
Peter H. Brookshaw
Business Administration
Management
Benjamin B. Bruhschwein
Business Administration
Conner L. Buchholz
Management
• **Carson G. Bultema**
Finance
Amber M. Burtness+
Management
Tristan Bush
Business Administration
Josh C. Cann
Finance
• **Desiree G. Cardenas**
Business Administration
Ryan P. Carroll
Finance
Jonathon C. Cauble+
Accounting
Jonathan R. Chicka
Marketing

- **Chase D. Collins**
*Marketing
Management*
- **Cole P. Cook**
Management Information Systems
- **Riley T. Cronen**
Accounting
- Griffin T. Crosa**
Finance
- **Cole Crosby**
Business Administration
- Breanne A. Cudney**
Business Administration
- Carley J. Cummings+**
Marketing
- **Maxwell D. Deane**
Business Administration
- Jared M. Deiley+**
Business Administration
- **Colin M. Delisi**
Business Administration
- Psychology*
- **Courtney J. Deters**
*Accounting
Finance*
- **Patrick J. Doan**
*Finance
Business Administration*
- **Mallory L. Donlin**
Management
- **Amber L. Drechsel**
Accounting
- Connor A. Drill**
Management
- **Parker J. Dufault**
Finance
- Sophia A. Dunkirk**
Management
- Grant D. Edison+**
Business Administration
- **Wrigley D. Elston**
Business Administration
- Courtney A. Erickson**
Marketing
- Evan R. Erickson+**
Business Administration
- Hassan Fofana**
*Management
Finance*
- **Matthew R. Forbrook**
Management
- Brenden L. Fowler+**
Business Administration
- **Jacob R. Franek**
Business Administration
- **Gabrielle E. Franus**
Marketing
- Cassie J. Funk**
Marketing
- **Grant M. Gader**
Accounting
- **Katelyn F. Galde**
*Marketing
Management*
- **Cameron J. Gerszewski**
*Marketing
Finance*
- Jalon A. Gilbert+**
Business Administration
- **Carley Goetschius+**
Accounting
- Alem Golos+**
Finance
- Jacob T. Gombold**
Accounting
- **Brady R. Good**
Finance
- Samuel A. Griesel**
Business Administration
- Joshua A. Grindeland**
Management
- Rhaeghn D. Gripentrog**
Business Administration
- Alex L. Gueningsman+**
Business Administration
- Riley A. Haehn+**
Management
- Jasmyn C. Hamm-Coyne**
Management
- **Elizabeth A. Hanson Roe**
*Finance
Accounting*
- Brett S. Hanson**
Accounting
- Cole L. Hansan+**
Business Administration
- **Danielle J. Hanson**
Accounting
- **Eve M. Hanson**
Business Administration
- **Alyson L. Hanzal**
Management Information Systems
- Noah T. Hastings**
Business Administration
- Sydney J. Haverland+**
Business Administration
- **Kooper R. Henke**
Finance
- Madison C. Herzog**
Business Administration
- Kellie A. Hetler+**
Marketing
- Tanaya Hopkins**
Management
- **Isaac Howard**
Business Administration
- **Trevor J. Hubert**
Management Information Systems
- Kevin J. P. Huberty+**
Finance
- Samuel H. Huffman+**
Business Administration
- Peter J. Isais**
Business Administration
- **Ellie A. Jahner**
Marketing
- Kula Jallah**
Accounting
- **Jace R. Jehlicka+**
Business Administration
- Drew W. Johnson**
Business Administration
- Zachary D. Johnson**
Finance

- Brandon D. Justin**
Accounting
- Mitchell S. Kartes**
Business Administration
- **Samuel L. Kirscht**
Marketing
 - **Nathan M. Kleespies**
Finance
 - **Jayden A. Komrosky**
Business Administration
 - **Addie N. Kuehl**
Finance
 - Jared A. Kuehl**
Management Information Systems
 - **Grace K. Lange**
Marketing
 - Larissa K. Larson**
Finance
 - Gunnar J. Lawson+**
Marketing
 - Branden C. Lee**
Management
 - Mara E. LeFevre**
Business Administration
 - **Mikayla A. Lentsch+**
Finance
 - Jacob D. Levin**
Business Administration
 - **Nina Lewis**
Marketing
 - Evan D. Loegering+**
Marketing
 - **William H. Lott**
Management Information Systems
 - Camryn E. Lund**
Business Administration
 - Brayden A. Macziewski**
Marketing
 - Taylor J. Mages**
Finance
 - Joe E. McConnell**
Management Information Systems
 - Derrick W. McCusker**
Marketing
 - Annie H. McIntosh+**
Management
 - Matthew J. McKiernan**
Finance
 - **Rachel A. Meacham**
Accounting
 - **Aaron J. Meyer**
Finance
 - **Piper M. Mikkelsen**
Business Administration
 - Teigen T. Miller**
Finance
 - Nicholas S. Moe**
Management Information Systems
 - Reece M. Montross**
Marketing
 - Hudson J. Moon+**
Business Administration
 - **Abbigail R. Naseth**
Marketing
 - **Benjamin J. Nelson**
Business Administration
 - Lance T. Nelson**
Marketing
 - Simon E. Nganje**
Finance
 - **Ken Nguyen**
Finance
 - **Brandi L. Niemann**
Finance
 - Wyatt T. Nitschke**
Business Administration
 - Bartholomew C. Ogbu**
Business Administration
 - Benjamin L. Olmscheid**
Business Administration
 - **Carter J. Onkka**
Accounting
 - Anna E. Payne**
Business Administration
 - **Joseph L. Pistorius**
Finance
 - **Leighton S. Rach**
Marketing
 - Taylor R. Rapske+**
Business Administration
 - **Carson M. Reep**
Management Information Systems
 - Daniel J. Reimers**
Finance
 - **Thomas J. Reinhardt**
Finance
 - **Evan A. Rene**
Finance
 - Brandon C. Riddle**
Business Administration
 - Jacob L. Riddle**
Business Administration
 - Devan G. Rindy+**
Business Administration
 - Lauren K. Ritterman**
Finance
 - Jack S. Roberts**
Management Information Systems
 - **Tristen S. Roehrich**
Finance
 - Aliah M. Roers**
Marketing
 - Connor J. Rolf**
Accounting
 - Joseph Rose**
Management
 - **Matthew K. Rosson**
Management
 - Jacob I. Ruggles**
Business Administration
 - Richard A. Ruhland**
Business Administration
 - **Eric T. Sankovitz**
Finance
 - Allie E. Satterlie**
Business Administration
 - Jayden M. Schaap**
Marketing
 - **Allison M. Schmidt**
Business Administration
 - Christopher A. Schmidt**
Business Administration
 - Matthew G. Schmidt+**
Finance

- Taylor J. Schmidt**
Business Administration
- **Zachary J. Schmidt**
Accounting
- Alexander L. Schon**
Finance
- Lewton L. Schrupp**
Marketing
- Joseph T. Schwab**
Marketing
- Calen J. Schwabe**
Business Administration
- Jonathan Schwartz**
Business Administration
- **Carson M. Segal**
Management Information Systems
- Jack R. Simonsen**
Marketing
- Alivia R. Skeslien-Jenkins**
Business Administration
- Keatyn R. Skytland**
Finance
- Rhett A. Staiger**
Marketing
- Drew D. State**
Marketing
- **Hannah L. Stine**
Marketing
- Brendan T. Stoetzer**
Marketing
Business Administration
- **Danielle P. Stuber+**
Accounting
- **Brevin Such**
Management Information Systems
- **Natta Tangpong**
Business Administration
Marketing
- Yosef M. Teka**
Management
- Dakotah K. Thelen**
Finance
- **Mason S. Thorenson+**
Marketing
- Mitchel T. Thurston+**
Marketing
- Maxence Tournoy**
Management

- Nickolas J. Toyne**
Management Information Systems
- Katelyn P. Turnquist**
Accounting
Finance
- Aiden T. Ulmer**
Business Administration
- Ethan L. Vallie**
Business Administration
- Andrew S. Volk+**
Finance
Business Administration
- Erica Wahlund**
Management
- **Hailun Wang**
Finance
Accounting
- Grant G. Warren+**
Finance
- **McKinley A. Weiers**
Accounting
- Andrew J. Weller**
Business Administration
- Melina M. Wendt**
Business Administration
- **Audrey E. Wentz**
Accounting
Management
- Ryan J. Wheeling**
Business Administration
- John K. White**
Finance
- Nathan T. Wilm**
Finance
- **John H. Wimmer+**
Management
Marketing
- **Kari B. Wolfe**
Business Administration
Psychology
- **Zachary J. Yess**
Business Administration
- Melissa J. Zimmermann**
Business Administration
Global Business

COLLEGE OF ENGINEERING

Candidates will be presented by Dean Michael Kessler and marshaled by Dr. Scott Pryor.

DOCTOR OF PHILOSOPHY

Muhammad Abusaqer *Computer Science*

“Sentiment Analysis of Cyberattacks Tweets:
Towards an Accurate Classifier”

Advisor: Dr. Kenneth Magel

Mohammed Alamry *Software Engineering*

“Augmented Reality Glasses Application for
Improving Nearby Object Positioning System in
Emergency Response”

Advisor: Dr. Jeremy Straub

Edmund Baffoe-Twum *Civil Engineering*

“Estimation of Annual Average Daily Traffic on
Low Volume Roads: A Geostatistical Approach”

Advisor: Dr. Eric Asa

Xin Bai *Civil Engineering*

“Image-based Hybrid Structural Health
Monitoring through Artificial Intelligence”

Advisor: Dr. Mijia Yang

Nadia Delavarpour *Agricultural and Biosystems Engineering*

“Design and Development of an Automatic Steering
System for Towed Agricultural Implements”

Advisor: Dr. Sreekala Bajwa

Almir Ekic *Electrical and Computer Engineering*

“Impact of Inverter-Based Resources on Grid
Dynamics Including Grid Stability and Protection
Elements”

Advisor: Di Wu

Bethlehem A. Gronneberg *Software Engineering*

“A Comparative Analysis of Persistence:
Undergraduate Females in Computer Science”

Advisor: Dr. Kendall Nygard

MD Sharijad Hasan *Civil Engineering*

“Optimizing Traffic Signal Preemption Near
Railroad Crossing in Small Urban Area”

Advisor: Dr. Ying Huang

Phattara Khumprom *Industrial and Manufacturing Engineering*

“A Study on Deep Learning for Prognostics and
Health Management Applications: An Evolutionary
Convolutional Long Short-Term Memory Deep
Neural Network Data-Driven Model for
Prognostics of Aircraft Gas Turbine”

Advisor: Dr. David Grewell

Manisha Maharjan *Electrical and Computer Engineering*

“A Study of Inverter Based Resources on Power
Grid Operation Under Uncertain Operating
Conditions”

Advisor: Dr. Di Wu

Muhammad Naveed A. Metla *Civil Engineering*

“Application of Phase Change Materials in
Cement Mortars: A Mitigation Strategy for Early
Age Thermal Cracking”

Advisor: Dr. Todd Sirotiak

Babak Mirzazadeh *Civil Engineering*

“The Acceptance of Autonomous Vehicles and
Their Impacts on Travel Behavior for an Academic
Subpopulation in a Midsize U.S. College Town
With Extremely Cold Winters”

Advisor: Dr. Ying Huang

Mary E. Pearson *Biomedical Engineering*

“Designing a Radio Frequency Biosensor:
Measuring Dielectric Property Changes of
Microliter Liquid Solutions Using a Microstrip
Transmission Line Sensing Approach”

Advisor: Dr. Daniel Ewert

Arighna Roy *Computer Science*

“Detection of Associations Within the Entities in
Data Driven Systems and Leverage the Patterns
to Improve the Quality of Machine Learning
Applications”

Advisor: Dr. Simone Ludwig

Niloy Saha *Civil Engineering*

“Estimation of the Capacity of a Basic Freeway and
Weaving Segment Under Traditional, Autonomous,
and Connected Autonomous Vehicles, Using
Oversaturated Traffic Condition Data”

Advisor: Dr. Dioma Motuba

Lauren N. Singelmann *Electrical and Computer Engineering and STEM Education*

“Creation and Implementation of the Innovation-
Based Learning Framework: A Learning Analytics
Approach”

Advisor: Dr. Dan Ewert

Subhashree Navaneetha Srinivasagan *Agricultural and Biosystems Engineering*

“Web Tool Development for Ranch Forage
Economics and Growth Prediction Using Open
Source Software”

Advisor: Dr. Igathinathane Cannayen

Amin Vedadi *Mechanical Engineering*

“The Influence of the Sea Water Flows on the
Degradation of Organic Coatings Applied on
Offshore Wind Turbines”

Advisor: Dr. Yechun Wang

Yanmei Xie *Civil Engineering*

“Hygrothermal Effects of Air Cavities Behind
Siding on Building Envelopes”

Advisor: Dr. Huojun Yang

Zi Zhang *Civil Engineering*

“Artificial Intelligence-Empowered Structural
Monitoring, Damage Diagnosis and Prognosis
of Metal Structures”

Advisor: Dr. Zhibin Lin

MASTER OF CONSTRUCTION MANAGEMENT

Ryan Sookoo

MASTER OF ENGINEERING

Armin Ekic

Electrical and Computer Engineering

Mari A. Milender

Electrical and Computer Engineering

MASTER OF SCIENCE

Zillah Adahman

Software Engineering

Cyril K. Ahiable

Construction Management

Aaron J. Bauer

Biomedical Engineering

Namrata Bista

Construction Management

Nega A. Ejigu

Biomedical Engineering

Santhalingam Elamurugan

Biomedical Engineering

Martha S. Hitsanu

Construction Management

Paul A. Howell

Electrical and Computer Engineering

Tofatun Jannat

Civil Engineering

Shubhit Kumar

Computer Science

Jack N. Law

Computer Science

Andrew L. Mahoney

Mechanical Engineering

Francis Martinson

Computer Science

Christopher M. Matetich

Mechanical Engineering

Alekhya Mulakalapalli

Computer Science

Breeya Pederson

Agricultural and Biosystems Engineering

Jacob A. Reinholz

Mechanical Engineering

Shankar Sah

Construction Management

Binita Saha

Computer Science

Ranjan K. Sapkota

Agricultural and Biosystems Engineering

Jennifer I. Schmeling

Mechanical Engineering

Deepika Shrestha

Mechanical Engineering

Jacob Smith

Computer Science

Thomas M. Sprengeler

Mechanical Engineering

Prasanna Thapa

Construction Management

Dylan R. Thompson

Mechanical Engineering

Trent T. Yetzer

Computer Science

Joshua C. Yurek

Mechanical Engineering

MASTER OF SOFTWARE ENGINEERING

Cody D. Gullickson

Jason K. Halverson

Chad W. Riedeman

Jenna Sloan

Hirut T. Tessema

BACHELOR OF ARTS

Ronald A. Alean

Computer Science

••• **Cyan A. Coello-Singleton**

Computer Science

Nicholas A. Dorscher

Computer Science

BACHELOR OF SCIENCE

Christopher J. Antholz

Computer Science

••• **Erick P. Bickler**

Computer Science

Christian K. Bowlinger

Computer Science

• **Noah B. Case**

Computer Science

•• **Logan L. Chantry**

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•• **Emma A. Cockram**

Computer Science

•• **Nathan Hale K. De La Garza**

Computer Science

Mathematics

Samuel T. DeGeest

Computer Science

••• **Ryan A. Doering**

Computer Science

Mathematics

••• **Spencer K. Ekstrom**

Computer Science

Spencer D. Fjelstad

Computer Science

Peter C. Fraser

Computer Science

• **Alex T. Freetly**

Computer Science

Dylan S. Fritz

Computer Science

Devin J. Gluesing

Computer Science

•• **Sean R. Hagen**

Computer Science

Shkoh F. Hamasoor

Computer Science

Jack Hance

Computer Science

• **Jonah J. Hendrickson**

Computer Science

Andrew B. Hershberger

Computer Science

•• **Justin M. Hopp**

Computer Science

Benjamin P. Hritzko

Computer Science

Physics

- Samuel L. Huot**
Computer Science
- **Thomas Jackson**
Computer Science
- **Daniel Johnson**
Computer Science
- **Simon E. Karst**
Computer Science
- **Zachary A. King**
Computer Science
- **Cameron D. Kolodjski**
Computer Science
- Christian D. Koski**
Computer Science
- Jacob C. Laurent**
Computer Science
- Jacob P. McGillick**
Computer Science
- Luke D. Meincke**
Computer Science
- Braden H. Melchert**
Computer Science
- **Carson A. Neiss**
Computer Science
- **Douglas A. Nelson+**
Computer Science
- **Dylan T. Newstrum**
Computer Science
- Ifeoluwa E. Odujole**
Computer Science
- **Christopher S. Parks**
Computer Science
- **Joshua M. Pompa**
Computer Science
- **Braden R. Rayhorn**
Computer Science
- **Jacob P. Rinehart**
Computer Science
- **Noah Ross**
Computer Science
Mathematics
- Dustin D. Sampson**
Computer Science
- Stewart J. Savela**
Computer Science
- Noah P. Schottler**
Computer Science
- Corey J. Siltala**
Computer Science
- Vishavjeet S. Sindhu**
Computer Science
- James J. Suhon**
Computer Science
- Noah B. Swanson**
Computer Science
- Troy Timmerman**
Computer Science
- Zachary D. Vig**
Computer Science
- **Dylan J. Zapzalka**
Computer Science
Mathematics

BACHELOR OF SCIENCE
AGRICULTURAL AND
BIOSYSTEMS ENGINEERING

- Chase D. Bader**
- **Gabriel C. Beaver**
- Lillian R. Bergman**
- **Scott Folz**
- William N. Huber**
- William R. Rupnow**
- Bryce C. Saiger**
- Brent J. Solheid**
- Phillip H. Steffan**
- **Danika R. Tweten**
- **Preston D. Wilson**

BACHELOR OF SCIENCE
CIVIL ENGINEERING

- Brian W. Ahrendt**
- Alyssa M. Albers**
- **David H. Anderson**
- **Austin T. Avery**
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- Clare M. Boswell-Healey**
- Samuel S. Boulton**
- Colton D. Brown**
- Jared P. Buchholz**
- **Benjamin D. Carlson**
- **Cameron A. Dahlin**
- Hayden C. Emery**
- James Evenson**
- Dayton Gonyea**
- **Grace A. Hol**
- **Mackenzie L. Holkesvig**
- Duncan M. Jensen**
- **Autumn R. Johnson**
- Mikko J. Johnson**
- Tanner J. Jose**
- Rachel Kawleski**
- Sawyer J. Kenney**
- Albert H. Knack**
- **Levi Kuschel**
- Dion R. Madler**
- Riley McAdoo-Roesler**
- Wyatt J. McClay**
- Cole E. McGough**
- Tiffany M. Meeks**
- Gage A. Merkel**
- **Mohammed Mohammed**
- Hansena M. Nelson**
- **Terrel J. O’Gorman**
- Hannah Patenaude**
- Danielle Peltier**
- David Peredo**
- **Jayden L. Pifer**
- Justin R. Pritchett**
- **Carlie J. Ripley**
- **Ryan J. Roth**
- Beau D. Sanford**
- Evan Sankey**
- Jacob A. Scheetz**
- Nolan J. Shanahan**
- **Casimir A. Simonson**
- Ryan S. Swanberg**
- **Kjersten A. Winkelman**
- Tanner M. Zepeda**

BACHELOR OF SCIENCE
COMPUTER ENGINEERING

- Matthew M. Bauer
- William T. Berg
- Jayden L. Freyer
- Jeffrey Godfrey
- Sadiyo Hassan
- August P. Herrick+
- Alexander R. Johnson
- Cooper R. Johnson
- McDowell R. Johnson
- Jack B. Markle
- Scott R. McNiff
- Vincent G. Rose+
- Samuel R. Scherping
- Zachary D. Strombeck

BACHELOR OF SCIENCE
CONSTRUCTION ENGINEERING

- Nicholas G. Cunningham
- Cole C. Erickson
- Ethan J. Lingen
- Ethan R. Mathson
- Jacob R. Mathson
- Bryce A. Saylor

BACHELOR OF SCIENCE
CONSTRUCTION MANAGEMENT

- Brandon J. Alexander
- Tanner B. Andvik+
- Cole D. Bernhardson
- Evan C. Bernhardson
- Ethan C. Beste
- Xavier L. Bonner
- Cody T. Callies+
- Matthew J. Chuba
- Jay S. Deshpande
- Trevor J. Ellison
- Alan L. Haataja
- Garret W. Hanson
- Andrew C. Harpel+
- Nolan D. Hentges
- Mason T. Hischer
- Jefferson M. Huwe+
- Marcus J. Jensen
- Lucas T. Johnson
- Matthew R. Ketterling+
- Erik B. Lawler
- Brock J. Leino
- Justin M. Lilleberg
- Chad J. Manthei
- Timothy P. Manthie
- Brinley Mathern
- Bradley W. Moxness
- Jack W. Olson+
- Chase K. Platt
- Lucas Rath
- Morgan J. Schmidt
- Samuel J. Smith
- Sloan T. Smith
- Carson D. Sonstegard
- Isaac C. Spindler
- Jonathan T. Teigen
- Bryce E. Wesely
- Mitchell A. Westrum

BACHELOR OF SCIENCE
ELECTRICAL ENGINEERING

- Daniel J. Anderson
- Lindsey M. Angst
- Kylee O. Arndt
- Yasser F. Ayeva
- James S. Blair Jr.
- Avery B. Christensen+
- Andrew Falgier
- Wyatt Feldsien
- David L. Fletcher
- Yogesh Ghaley+
- Joel C. Grommesh
- Andrew Gutierrez-Cuate
- Brandon H. Hansen
- Derek D. Hetland
- Garret T. Hoff
- Benjamin R. Holt
- Abdi B. Ismail
- Hogan R. Johnson
- Tyler S. Kuhns
- Nathan J. Lasart
- Blake R. Lewison+
- John R. Lyonsais
- Prem Magar+
- Gavin E. Mallott
- Jacob C. Maxon
- Christine A. McMakin
- Scott R. McNiff
- Seth S. Moser
- Wade W. Myszka+
- Ulrich Ntakiyiruta
- Dahlen Olson
- Physics*
- Hope A. Roeber
- Bjorn A. Saude
- Zachary D. Strombeck
- Carl J. Swanson
- Masen D. Walsh
- Braden N. Webb
- Nathaniel C. Wicklund
- Tenzin Wosal
- Ethan I. Zeltinger

BACHELOR OF SCIENCE INDUSTRIAL
ENGINEERING AND MANAGEMENT

- Abigail E. Anderson
- Jaden P. Anderson
- Ally J. Behles
- Amy M. Bodvig
- Gretchen M. Brau
- Mitchell D. Dahl
- Dasith C. Grero+
- David C. Hoffman
- Adam J. Hulm
- Dylan I. Johnson
- Erik B. Karl
- Drake W. Kaster
- Randy R. Kim
- Tara M. Koenig
- Christopher M. Kuebler
- Phan N. Le
- Erica E. Lee
- Abby M. Lemnus
- Scout R. Lindberg
- Nathan G. McClenahan
- Ryan H. Mork

- Nolan G. Nelson
- Benjamin P. Nordmark
- Kaija C. Rizzo
- Ryan E. Scinto
- Jamie L. Singelmann
- Ryan M. Stalpes
- Rachel C. Stiles
- Martina R. Swartwood
- Alec G. Theros
- Stephon D. Wilder

BACHELOR OF SCIENCE
MANUFACTURING ENGINEERING

- Heinz W. Ahlers
- Eli H. Ahrens
- Michael J. Bennett
- Matthew D. Groshong
- Andrew D. Hammerlund
- Brian J. Ihringer
- Hasnaine Karim
- Ashley McDaniels
- Jack J. Radtke
- McCoy W. Van Klompenburg

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MECHANICAL ENGINEERING

- Jackson D. Adams
- Abdulaziz Y. Ahmed
- Peter H. Amundson
- David A. Babb
- Marshall Backe
- Jordan J. Baker
- Charles M. Bakken
- James R. Barthel
- Basha Bawi
- Zachary R. Bear
- Samuel P. Beatty
- Brennen M. Bedow
- Amanda K. Brawthen
- Mark R. Cameron
- Sinclair Y. Candreva
- Ryan J. Cavalieri
- Andrew J. Christianson
- Alyson M. Cole
- Jacob L. Dammen
- Joshua P. Dockter
- Eric S. Earley
- Devin J. Elliott
- Everett J. Engen
- Johnathan A. Erdmann
- Brooke E. Filipi
- Jenna L. Glass
- Theresa Grabowski
- Trevin E. Grande
- Joshua D. Harkness
- Wyatt M. Harles
- Zachariah J. Heppner
- Charles H. Hickman
- Brandon M. Holte

- Andrew T. Horinek
- Triston J. Ihrke
- Spencer E. Imholte
- Chase A. Indehar
- Jasmin J. Johnson
- Seth R. Johnson
- Brandon T. Kamphake
- Sabrina Kase
- Alexander J. Keller
- George E. Kessel
- Darius T. Kleine
- Lee Kohlin
- Megan R. Kongable
- Alexander R. Krause
- Olivia R. Krepp
- Adam M. Krueger
- Andrew G. Kulzer
- Alexander J. Kunkel
- Ethan N. Langerud
- Jamie M. Larson
- Adam J. Laschkewitsch
- Tyler J. Lickfelt
- Trevor W. Maier
- Joncy F. Mastel
- Hudson J. McHenry
- Caelan E. Miller
- Jennifer O. Mozer
- Andrew K. Muesing
- Tanner W. Nester
- Izaak A. Nosbisch
- Abigail Olson
- James B. O'Neal
- Thomas J. Quinn
- Felicia R. Race
- Isnala Nanjin Roan Eagle
- Brockton R. Rohloff
- Spencer J. Rosar
- Trentin T. Russell
- Grant L. Schiermeister
- Noah Shafer
- Tanner S. Smith
- Nicholas G. Spiering
- Tate D. Stanton
- Casey R. Stark
- Alex J. Stirewalt
- Liam Straub
- Jaden A. Streed
- Shelton J. Strege
- Hadley R. Thomas
- Kristoffer Thomsen
- Samuel D. Tillma
- Brayden H. Tjosaas
- Jayden A. Trana
- Alex R. Ulve
- Nolan Van Den Einde
- Zachary J. Weight
- Jacen M. Wentzell
- Dominic T. White
- Ian L. Wilcox
- Adam R. Wnuk
- Aayushrajaditya Yadav
- Matthew R. Zastoupil

COLLEGE OF HEALTH PROFESSIONS

Candidates will be presented by Dean Charles Peterson and marshaled by Dr. Carla Gross.

DOCTOR OF NURSING PRACTICE

Natalie J. Carriveau

“Aspirin and Statin Use for Primary Prevention of Cardiovascular Disease”

Advisor: Dr. Dean Gross

Katie M. Casey

“Providing Postpartum Depression Resources at a Local WIC Agency”

Advisor: Dr. Tina Lundeen

Steven L. Condon

“A Self-Help Intervention for Caregivers of People Diagnosed with an Eating Disorder”

Advisor: Dr. Dean Gross

Erin L. Dewitz

“Screening for Noise Induced Hearing Loss in Farmers and Agricultural Workers”

Advisor: Dr. Dean Gross

Brooke E. Feltman

“Prediabetes: Provider Awareness and the Implementation of the Prevent Diabetes STAT Toolkit Resources”

Advisor: Dr. Mykell Barnacle

Haley N. Fisher

“Healthcare Provider Education for Recognizing and Assisting Victims of Human Trafficking”

Advisor: Dr. Heidi Saarinen

Samantha Fugleberg

“Diabetes-Related Distress Identification and Intercolaborative Treatment at a Rural, Primary Care Clinic”

Advisor: Dr. Heidi Saarinen

Karissa R. Gladen

“Colorectal Cancer: Increasing Awareness of Screening in a Rural North Dakota Community”

Advisor: Dr. Heidi Saarinen

Michael L. Hammer

“Adolescent Mental Health: A Community Needs Assessment”

Advisor: Dr. Allison Peltier

Cassie R. Holt

“Assessment of Health Literacy and Preferred Learning Style of Patients in a Rural North Dakota Primary Care Clinic”

Advisor: Dr. Allison Peltier

Stanley Johnson

“Barriers to Seeking Preventative Care for Men Living in Rural North Dakota”

Advisor: Dr. Allison Peltier

Terryl L. Johnson

“Implementing Adult Waist Circumference Measurements In Primary Care”

Advisor: Dr. Tina Lundeen

Kara S. Krefit

“Influenza Vaccination Rates in Primary Care”

Advisor: Dr. Mykell Barnacle

Mitchell C. Lehn

“Skin Cancer Screening: Implementation of Dermoscopy in Rural Primary Care”

Advisor: Dr. Adam Hohman

Candice Mecklenburg

“Childhood Obesity Prevention: Infant Feeding and Nutrition Education”

Advisor: Dr. Adam Hohman

Hannah A. Murphy

“Advance Care Planning and Advance Directives: Implementing Online Education for Healthcare Providers”

Advisor: Dr. Adam Hohman

Leah R. Radke

“Promoting Confidence in Pressure Injury Management in Rural Long-term Care”

Advisor: Dr. Emily Kalina

Shannon M. Thompson

“Human Papillomavirus Vaccine Knowledge, Beliefs, Attitudes, and Barriers: An Educational Intervention for Male College Students to Increase Knowledge, Vaccine Intent, and Vaccine Uptake”

Advisor: Dr. Mykell Barnacle

DOCTOR OF PHARMACY

Adwoa T. Adjekum

Jordan C. Andrud

Kaelyn R. Angell

Hannah L. Athman

Derek P. Axtman

Olivia F. Bachmeier

Wyatt M. Bader

Erin M. Beauclair

Taylor L. Bengtson

Colin T. Birch

Carly J. Black

Jake T. Bloms

Madilyn J. Bommersbach

Madison M. Bonn

Katherine D. Brastad

Alison A. Bunnell

Jarod D. Burnside

Anne Butkowski

Eva Byerley

Gabrielle Coudron

Kaia M. Frank

Alaina M. Furcht

Tasha A. Hahka

Madeline Hammes

Ethan J. Hendricks

Brittney L. Henry

Kayla M. Hoistad

Benjamin J. Holland

Alicia K. Iverson

Amanda Johnson

Mel C. Johnson

Paige R. Johnson

Kalli N. Kaiser

Jadey G. Kappes

Stephanie M. Kennedy

Katherine M. Kessel

Allison L. Krause
 Elizabeth A. Krueger
 Brennen J. Kuntz
 Sandra F. Lao
 Josie M. Lilja
 Emily K. Lothspeich
 Peyton M. Manecke
 Anna C. McCusker
 Shae A. Mehring
 Aaron B. Mennis
 Ashley M. Montag
 Joseph P. Nelson
 Elizabeth E. Nganje
 Nathan L. Nguyen
 Lauren E. Nordberg
 Matthew J. Nuebel
 Gunnar S. Payne
 Cole D. Peterson
 Kristy M. Peterson
 Taylor E. Praska
 Tess N. Prochazka
 Paige B. Roesler
 Matthew J. Sash
 Amanda K. Schaper
 Hannah M. Scheetz
 Tricia D. Schoch
 Jennifer L. Spadgenske
 Sierra V. Swenson
 Ashley A. Toikka
 Kelly H. Tran
 Brandon A. Wehri
 Karly A. Westra

DOCTOR OF PHILOSOPHY

Sayeman Islam Niloy *Pharmaceutical Sciences*
 “BKca-IP3R Coupling in Hypertension”
 Advisor: Dr. Chengwen Sun
Swetha Thiyagarajan *Pharmaceutical Sciences*
 “Understanding the Role of RAGE to Cell Adhesion”
 Advisor: Dr. Stefan Vetter

MASTER OF PUBLIC HEALTH

David A. Adeyeye
Mikalen S. Belgarde
Gretchen K. Dobervich
Kiranpreet Gill
Khalaf Ismail-Abderrezaq
Kylie Olson
Omobosinuola F. Shyllon
Nada Soliman
Madison C. Verghis
Ariana Zook

BACHELOR OF SCIENCE

•• **Haneen G. Abuminshar**
Medical Laboratory Science
 •• **Habiba A. Afifi**
Pharmaceutical Sciences
 • **Kyle T. Allbee**
Pharmaceutical Sciences
Abbie E. Anderson+
Radiologic Sciences
Alan A. Aquino-Velasco
Radiologic Sciences

Conner Armstrong+
Pharmaceutical Sciences
 ••• **Alison E. Bailey**
Pharmaceutical Sciences
Jonathan D. Bauer+
Radiologic Sciences
 •• **Baylee J. Berg**
Pharmaceutical Sciences
Marissa L. Bettels
Pharmaceutical Sciences
 • **Alyssa A. Blaschko+**
Radiologic Sciences
Ashley N. Blom+
Radiologic Sciences
 • **Danielle E. Blum**
Medical Laboratory Science
 ••• **Alli Bushaw**
Pharmaceutical Sciences
Brooke E. Busse
Pharmaceutical Sciences
 • **McKayla R. Christianson**
Pharmaceutical Sciences
Kasey M. Cookman
Radiologic Sciences
 •• **Gena L. Cornelius**
Pharmaceutical Sciences
 ••• **Joy R. Dahlen**
Pharmaceutical Sciences
Crystal Y. Deng
Pharmaceutical Sciences
 •• **Rose Dobie**
Radiologic Sciences
Adam J. Dufner
Pharmaceutical Sciences
 •• **Sydney Dykhuizen**
Pharmaceutical Sciences
 ••• **Morgan M. Eisenschenk**
Radiologic Sciences
Alison A. Engen
Medical Laboratory Science
Ashley G. Erickson
Radiologic Sciences
Justin J. Erickson
Pharmaceutical Sciences
Kinsey L. Erickson
Pharmaceutical Sciences
 •• **Onyekachukwu O. Eyimegwu**
Pharmaceutical Sciences
Taylor T. Fern
Health Services
 •• **Ryan S. Fernholz**
Pharmaceutical Sciences
Sierra S. Flammond
Respiratory Care
Taylor A. Foss+
Radiologic Sciences
Kari J. Fragodt+
Radiologic Sciences
Mohammad F. Gaal+
Pharmaceutical Sciences
Maya N. Gatz
Medical Laboratory Science
MaKayla L. Geyen-Helget
Pharmaceutical Sciences
 •• **Maggie Gietzen**
Radiologic Sciences
 •• **Rachel L. Grande**
Pharmaceutical Sciences

- **Benjamin J. Grant**
Pharmaceutical Sciences
- Jenna L. Hahn**
Pharmaceutical Sciences
- **Wyatt S. Hahn**
Medical Laboratory Science
- **Zarissa K. Hansen**
Medical Laboratory Science
- Brenna A. Haugen-Gebhardt**
Radiologic Sciences
- Nicole J. Heinen**
Medical Laboratory Science
- Mason A. Hertz**
Pharmaceutical Sciences
- Megan C. Heyer+**
Radiologic Sciences
- **Sara M. Hoag**
Pharmaceutical Sciences
- Kyle P. Holstein**
Pharmaceutical Sciences
- **Torie R. Horning**
Radiologic Sciences
- **Tristan A. Houle**
Pharmaceutical Sciences
- Isabelle R. Hudson**
Radiologic Sciences
- Julianne M. January**
Pharmaceutical Sciences
- Kieran A. Johnson+**
Radiologic Sciences
- **Madelyn Johnson**
Pharmaceutical Sciences
- **Noah J. Johnson**
Pharmaceutical Sciences
- **Leandre R. Kalhagen**
Pharmaceutical Sciences
- **Daniel M. Kennedy**
Pharmaceutical Sciences
- **Madison Y. King**
Health Services
- **Kaitlyn E. Kunkel+**
Radiologic Sciences
- **Hannah G. Lambert**
Medical Laboratory Science
- Tanya Le**
Pharmaceutical Sciences
- **Paige A. Litzau**
Pharmaceutical Sciences
- **Audrey E. Long**
Pharmaceutical Sciences
- **Leah J. Lowenberg**
Pharmaceutical Sciences
- Shania N. Mantz**
Radiologic Sciences
- Kpah C. Matadi**
Pharmaceutical Sciences
- Tori C. McDougald**
Pharmaceutical Sciences
- **Brian R. Meissner+**
Pharmaceutical Sciences
- **Jaylee A. Messmer**
Radiologic Sciences
- Sidney R. Milbrandt**
Pharmaceutical Sciences
- Kelsey E. Moe**
Radiologic Sciences
- **Lyvia M. Moser**
Pharmaceutical Sciences
- Faith E. Nelson**
Pharmaceutical Sciences
- Joshua Nelson**
Pharmaceutical Sciences
- Ingrid Niyimbona**
Medical Laboratory Science
- Erich A. Panitzke**
Radiologic Sciences
- Joshua T. Parsons**
Pharmaceutical Sciences
- Ellisha A. Pastorek**
Pharmaceutical Sciences
- **Madison M. Pearson**
Radiologic Sciences
- **Mackenzie J. Pederson+**
Radiologic Sciences
- Taylor J. Perschau+**
Radiologic Sciences
- Madison W. Pillen+**
Radiologic Sciences
- **Hunter J. Rice+**
Radiologic Sciences
- Luisa G. Riley+**
Radiologic Sciences
- **Brianna L. Rosenfeldt**
Radiologic Sciences
- Alexa A. Ruehle**
Pharmaceutical Sciences
- Alec J. Sanders**
Pharmaceutical Sciences
- Lauren R. Scherr+**
Radiologic Sciences
- Jaxson D. Schmaltz**
Pharmaceutical Sciences
- **Kiera A. Schweitzberger**
Radiologic Sciences
- Shawn Ian F. Shoen+**
Medical Laboratory Science
- Erik J. Sjursten**
Pharmaceutical Sciences
- **Anna Skarphol**
Pharmaceutical Sciences
- **Mackenzie L. Snyder**
Pharmaceutical Sciences
- **Halle M. Speidel**
Radiologic Sciences
- Kaytlin B. Sprouls**
Radiologic Sciences
- Kaitlin S. Steffl+**
Radiologic Sciences
- Danny D. Sun+**
Medical Laboratory Science
Microbiology
- **Charles M. Tademy**
Pharmaceutical Sciences
- **Whitney K. Thomas**
Pharmaceutical Sciences
- **My Hien T. Tran**
Pharmaceutical Sciences
- **Allison P. Welsh**
Pharmaceutical Sciences
- Kayla M. White**
Pharmaceutical Sciences
- **Sarah A. Wirz**
Pharmaceutical Sciences
- Rose P. Yang**
Pharmaceutical Sciences

- **Hanwei Zhou**
Pharmaceutical Sciences
- **Logan G. Ziegler**
Pharmaceutical Sciences

BACHELOR OF SCIENCE NURSING

- **Mariah M. Aaseth**
- **Hallie M. Abrahamson**
- **Sara E. Auge**
- **Amanda C. Barber**
- **Amber J. Binder**
- **Claire R. Blazek**
- **Bailey L. Boltz**
- **Jason E. Bratkov**
- **Andrea K. Buechler**
- **Francis M. Bugbami⁺**
- **Dorothy L. Burns**
- **Hope D. Butler**
- **Luis R. Chavez**
- **Hallie B. Cherwinski**
- **Kacey Clark**
- **Rachael L. DeMaria**
- **Dalton J. Dierks**
- **Ashley M. Drotts**
- **Jen Dufner**
- **Chloe Ekstrom**
- **Alexa Elias**
- **Zachary Engen**
- **Laura K. Fietsop**
- **Micaela R. Frank**
- **Annie C. Gatzke**
- **Nathan W. Gedrose**
- **Rebekah L. Green**
- **Emily N. Gress**
- **Brittan Grubb**
- **Alexis T. Gura**
- **Julie E. Hagen**
- **Abby L. Haugen**
- **Maria E. Hawkins**
- **Kati E. Hayden**
- **Holly A. Hedlund**
- **Justin W. Herbrandson**
- **Macy Hertel**
- **Amanda Hinrichs⁺**
- **Christina F. Hoff**
- **Lisa H. Holdvogt**
- **Halie M. Holzer**
- **Kayla Hovland**
- **Abigail S. Huus**
- **Bryaunna M. Jasper**
- **Tessa A. Johnsen**
- **Courtney R. Johnson**
- **Nyah J. Johnson**
- **Ruth L. Johnson**
- **Hanah Keller**
- **Elizabeth A. Kemp**
- **Danica L. Kerr**
- **Jenna A. Kivisto**
- **Mariah K. Kottsick**
- **Kaitlyn R. Lange**
- **Emilee Larson**
- **Keringten M. Lee**
- **Adreana G. Marschner**
- **Oakley R. Martin**
- **Taylor Maya**
- **Abby L. Miller**
- **Chenneth Flynn E. Morlock**
- **Ashlynn B. Natrass**
- **Samantha L. Nelson**
- **Chinedu D. Oduburu-Egwu**
- **Ashtyn L. Oie**
- **Anna G. Olson**
- **Carly L. Orwick**
- **Kendra Penske**
- **Jenna E. Perreault**
- **Alissa K. Peterson**
- **Jordan L. Peterson**
- **Kelah Peterson**
- **Danielle M. Popp**
- **Mariah J. Poss**
- **Madelyn K. Pribbenow**
- **Tiara G. Rademacher**
- **Josie C. Ramsey⁺**
- **McKenzie J. Reisenauer**
- **Alyssa M. Ritchie**
- **Emma Sailer**
- **Paige P. Sanderson**
- **Evan Sayler**
- **Margaret E. Schilling**
- **Ashley A. Schmidt**
- **Grace L. Schmidt**
- **Kylie J. Schulz**
- **Brianna M. Schwartz**
- **Hannah L. Selken**
- **Macy A. Senn**
- **Adrian Q. Sevigny**
- **Olivia M. Skudlarek**
- **Emma K. Smasal**
- **Kathryn M. Steve**
- **Jennifer D. Stinar**
- **Madison P. Stockwell**
- **Kasey D. Susag**
- **Dmitrii Sysoev**
- **Lucas W. Tousignant**
- **Lauren M. Tremblay**
- **Taylor Tweeten**
- **Megan A. Vetter**
- **Madeline E. Vogel**
- **Stacia L. Wagner**
- **Tina Webber**
- **Brittany H. Welch**
- **Josie Wicks**

COLLEGE OF HUMAN SCIENCES AND EDUCATION

Candidates will be presented by Interim Deans Jill Nelson and James Deal and marshaled by Dr. Justin Benna.

DOCTOR OF PHILOSOPHY

Emily M. Berg *Education*

“Employee Perspectives Regarding Toxic Leadership in the Modern Workplace: A Q Methodological Study”
Advisor: Dr. Brent Hill

Colin W. Bond *Health, Nutrition and Exercise Science*

“Dynamic Postural Stability as an Assessment of Anterior Cruciate Ligament Injury Risk”
Advisor: Dr. Bryan Christensen

Melanie Fierstine *Education*

“Beyond Heteronormativity and the Gender Binary: Inclusivity in Rape Myth Acceptance Scale Design and Sexual Violence Bystander Intervention Programming”
Advisor: Dr. Laura Dahl

Stephanie J. Hamersky *Health, Nutrition and Exercise Science*

“Systematic Intervention Component Analysis: Dose-Response for Therapeutic Ultrasound”
Advisor: Dr. Shannon David Misialek

Jenna M. Hershberger *Counseling*

“An Interpretative Phenomenological Analysis (IPA) of the Lived Experiences of Commercially Sexually Exploited Youth (CSEY) in a Residential Equine Assisted Psychotherapy (EAP) Program”
Advisor: Dr. Jodi Tangen

Emma L. Johnson *Developmental Science*

“Tracking Body Dissatisfaction and Body Ideals of Ethnically Diverse College Women”
Advisor: Dr. Heather Fuller

Nathaniel R. Johnson *Health, Nutrition and Exercise Science*

“The Effects of Greater Dietary Protein Spread and Quality on Muscle Health in Adults”
Advisor: Dr. Sherri Stastny

Brooke J. Kranzler *Developmental Science*

“Examining Divorce Education as a Resource to Improve Short-term Adult Outcomes and Understanding Factors Influencing These Outcomes: A Quasi-Experimental Evaluation of the Parent’s Forever™ Program”
Advisor: Dr. Sean Brotherson

Robert O. Lester *Counseling*

“Epistemic Conditions for Moral Agency: A Positioning Analysis of Narrative Therapy Transcripts”
Advisor: Dr. Jodi Tangen

Alicia G. Quiroz *Health, Nutrition and Exercise Science*

“A Path Analysis Model Examining Parent Perception, Dieting and Food Behaviors on BMI Among Predominately Hispanic Families With Preschool Children”
Advisor: Dr. Elizabeth Hilliard

Amy A. Runcorn *Counseling*

“Words of Wisdom: A Phenomenological Perspective on Counselor Longevity”
Advisor: Dr. Jill Nelson

Jimena D. Schroeder *Counseling*

“Decolonizing Teaching Practices on Counselor Education: A Thematic Analysis”
Advisor: Dr. Jodi Tangen

Callie Dominique K. Speer *Education*

“Lenses of Understanding: Socially Constructed Meaning Making in Education Abroad”
Advisor: Dr. Nathan Wood

Roman W. Waldera *Health, Nutrition and Exercise Sciences*

“A Biochemical and Electromyographic Analysis of Elite Shot Putters at a Division 1 University”
Advisor: Dr. Bryan Christensen

MASTER OF ATHLETIC TRAINING

Noah J. Berg

Brooke Weisenberger

MASTER OF EDUCATION

Kaitlyn G. Alme

Counseling

Andrea D. Block

Counseling

Paige F. Brummund

Extension Education

Janna E. Carroll-Boldt

Family and Consumer Sciences Education

Emily A. Casner

Education

Holly M. DeVries

Counseling

Aric J. Dvorak

Educational Leadership

Sarah Fiala

Education

Matthew Friedmann

Educational Leadership

Shelby R. Gelinske

Educational Leadership

Alexandra C. Green

Counseling

Alexis D. Heaton

Family and Consumer Sciences Education

Brad A. Hoffarth

Educational Leadership

Tyrza M. Hoines

Counseling

Janne H. Holt

Educational Leadership

Cora M. Huss
Agricultural Education

Sarah K. Klein
Counseling

Katherine S. Koll
Counseling

Kelsey M. Laufenberg
Counseling

Jordan M. Lynch
Educational Leadership

Sarah E. McNaughton
Extension Education

Kayla E. Meierotto
Educational Leadership

Alicia M. Meissner
Agricultural Education

Jeffrey B. Miller
Educational Leadership

Anika Mundal
Counseling

Kassie L. Ozoonian
Educational Leadership

Ashley E. Punton
Family and Consumer Sciences Education

Ashli C. Rall
Educational Leadership

Sherri L. Riggan
Educational Leadership

Austin Salyer
Educational Leadership

Lucas Schmaltz
Agricultural Education

Samantha J. Schmoker
Education

Ryan J. Schneider
Educational Leadership

Jordan L. Schrupp
Educational Leadership

Taylor P. Smart
Counseling

Amy E. Tichy
Counseling

Whitney Werdel
Educational Leadership

Kendra T. Woodstead
Educational Leadership

Katelyn S. Yliniemi
Counseling

MASTER OF SCIENCE

Jeffrey T. Balz
Health, Nutrition and Exercise Science

Sarah A. Breen
Education

Kristi L. Buntjer
Dietetics

Kasie M. Carlson
Health, Nutrition and Exercise Science

Jeremy Collier
Health, Nutrition and Exercise Science

Jay A. Determan
Advanced Athletic Training

Jocelyn Dinius
Human Development and Family Science

Whitney Graham
Dietetics

Seth B. Heinen
Health, Nutrition and Exercise Science

Kristin Hendrickson
Health, Nutrition and Exercise Science

Austin Hills
Advanced Athletic Training

Hannah N. Hofstad
Health, Nutrition and Exercise Science

Ariel D. Ives
Advanced Athletic Training

Lauren L. Konkol
Advanced Athletic Training

Hannah R. Kraemer
Health, Nutrition and Exercise Science

Jackson A. Kreuser
Health, Nutrition and Exercise Science

Logan A. Kritzeck
Health, Nutrition and Exercise Science

Mickaella L. Langer
Advanced Athletic Training

Andrew Q. Loudenback
Health, Nutrition and Exercise Science

Kiley Lovelace
Advanced Athletic Training

Ryan J. MacMaster
Health, Nutrition and Exercise Science

Caroline P. Martinez
Advanced Athletic Training

David W. Murphy
Health, Nutrition and Exercise Science

Nicole A. Outka
Health, Nutrition and Exercise Science

Brendan Post
Health, Nutrition and Exercise Science

Jared E. Samuelson
Health, Nutrition and Exercise Science

Katelynn E. Smedley
Advanced Athletic Training

Carolyn J. Smith
Dietetics

Jennifer R. Vetter
Educational Leadership

Logan T. Wiemken
Health, Nutrition and Exercise Science

BACHELOR OF SCIENCE

- **Claire Alderman**
Agricultural Education
- Hannah G. Anfinrud**
Hospitality and Tourism Management
- **Emma M. Bale**
Exercise Science
- **Kaia M. Beil**
Human Development and Family Science
- **Morgan M. Belgarde**
Dietetics
- Corina E. Bell**
Human Development and Family Science
- David A. Benson**
Human Development and Family Science
- **Benjamin L. Berdal**
Exercise Science
- Madeline E. Bichler**
Interior Design
- Eleanor L. Biederman**
Human Development and Family Science

- Abigail M. Bitz**
Human Development and Family Science
- **Rachel V. Bolar**
Human Development and Family Science
 - **Kendra M. Borgen**
Interior Design
Psychology
 - Alexandria R. Bosch**
Interior Design
 - **Abbie H. Bowman**
Interior Design
 - McKenzie K. Breden**
Human Development and Family Science
 - Breanna R. Brezinski**
Human Development and Family Science
 - Jasmine Brockberg**
Apparel, Retail Merchandising and Design
 - Genna L. Bruns**
Interior Design
 - **Anna M. Buboltz**
Physical Education
Health Education
 - Alexa D. Buckley**
Human Development and Family Science
 - Demara I. Bumgardner**
Exercise Science
 - **Anna Charboneau**
Human Development and Family Science
 - Arianna A. Charon**
Spanish Education
 - **Bethany C. Christen**
Exercise Science
Psychology
 - **Spencer J. Churchill**
Exercise Science
 - Elizabeth M. Clark**
Human Development and Family Science
 - **Joshua A. Clark**
Exercise Science
 - **Kirstie Clothier**
Interior Design
 - Kayla L. Compeau**
Human Development and Family Science
 - Emily L. Connell**
Apparel, Retail Merchandising and Design
 - **Connor J. Copeland**
Sport Management
 - **Megan E. Crompton**
Exercise Science
 - Manafi A. Daffallah**
Human Development and Family Science
 - Cassandra K. Dahl**
Human Development and Family Science
 - Rylan T. DeLong**
Sport Management
 - Alexis J. Dennis**
Sport Management
 - **Addison J. DeMaine**
Exercise Science
 - Morgan M. Dienert**
Human Development and Family Science
 - Hannah K. Dobie**
Interior Design
 - **Alaina C. Driscoll**
Physical Education
Health Education
 - Benjamin R. Dryburgh**
Social Science Education
 - **Emily F. Duval**
Human Development and Family Science
 - Nicholas P. Eggmann**
Social Science Education
 - **Jill F. Endres**
Family and Consumer Sciences Education
 - Justice M. Erickson**
Interior Design
 - **Theresa A. Erickson**
Family and Consumer Sciences Education
 - **Zoey L. Erickson**
Interior Design
Marketing
 - Aaron F. Erlandson+**
Social Science Education
 - Isaiah K. Folsom**
Physical Education
Health Education
 - Grace A. Fonder**
Human Development and Family Science
 - **Kayla M. Frank**
Interior Design
 - Kierra L. Freih**
Human Development and Family Science
 - Michael A. Fuka+**
Human Development and Family Science
 - Julia M. Furst+**
Human Development and Family Science
 - Phoebe J. Garman**
Human Development and Family Science
 - **Sophia K. Garris**
Interior Design
 - Cassie R. Gefroh**
Human Development and Family Science
 - Hannah J. Gerardy**
Human Development and Family Science
 - Nick Gill**
Sport Management
 - **Christina F. Gillingham**
Human Development and Family Science
 - **Anna R. Goffe**
Human Development and Family Science
 - **Whitney R. Gronvold**
Social Science Education
 - Kailey D. Grove**
Human Development and Family Science
 - Hannah N. Gushwa+**
Exercise Science
 - Devika Gwin**
Human Development and Family Science
 - **Justin D. Hart**
Dietetics
 - Travis J. Hauge**
Sports Management
 - Alisha V. Hecker**
Human Development and Family Science
 - James J. Helgeson+**
Exercise Science
 - Emma G. Hepper**
Apparel, Retail Merchandising and Design
 - **James J. Hoefler**
Interior Design
 - **Carolyn Hoffmann**
Interior Design
 - Michael J. Hoffmann**
Sport Management
 - **Lauren L. Hughes+**
Apparel, Retail Merchandising and Design

- Theadora J. Iverson**
Human Development and Family Science
- **Hannah A. Jacobson**
Human Development and Family Science
 - Kyle J. Jacobson**
Social Science Education
 - **Bailey E. Jahner**
Dietetics
 - **Hannah E. Jarovski**
Human Development and Family Science
 - Nash D. Jensen**
Physical Education
Health Education
 - **Taylor A. Johanning**
Exercise Science
 - **Abigail J. Johnson**
Exercise Science
 - **Anna R. Johnson**
Human Development and Family Science
 - Parker S. Johnson**
Interior Design
 - Thomas J. Jorgenson**
Biological Sciences Education
 - **Myah L. Jund**
Human Development and Family Science
 - Brandon J. Kallenbach**
Exercise Science
 - Matthew J. Kampa**
Exercise Science
 - **Taylor J. Keller**
Human Development and Family Science
 - Christina A. Kimmer**
Human Development and Family Science
 - **Abigail K. Kipka**
Human Development and Family Science
 - Brynn Klein**
Dietetics
 - Brooke L. Knott+**
Exercise Science
 - Rebekah G. Koch**
Human Development and Family Science
 - Kara P. Kohutek**
Social Science Education
 - Bailey A. Kramer**
Human Development and Family Science
 - **Jacob Kubas**
Sport Management
 - Andrea B. Kuehl+**
Hospitality
 - **Isabella G. LaMere**
Dietetics
 - Abigail R. Large**
Human Development and Family Science
 - **Laurynn Lauer**
Sport Management
Psychology
 - **Kara M. Levorsen**
Human Development and Family Science
 - **Brandon J. Lewis**
Physical Education
Health Education
 - **Nicole M. Lincea**
Human Development and Family Science
 - Katelyn M. Lindgren**
Human Development and Family Science
 - Savannah N. Lischefske**
Human Development and Family Science
 - Katherine G. Loveless**
English Education
 - Bethany H. Mairs**
Human Development and Family Science
 - **Hallie Mann**
Dietetics
 - **Sadie L. Martinson**
French Education
International Studies
 - **Laiken A. Marts**
Dietetics
 - **Cameryn A. Maykut**
Human Development and Family Science
 - DeAnn K. Mayhair+**
Human Development and Family Science
 - **Logan McCormick**
Social Science Education
 - **Grant F. McNab**
Dietetics
 - Alexander T. McNamara**
Apparel, Retail Merchandising and Design
 - Paige M. Mennis**
Human Development and Family Science
 - Cade A. Merrigan+**
Sport Management
 - **Morgan B. Mertz**
Dietetics
 - Madison M. Meyer**
Human Development and Family Science
 - Andrew C. Miller**
Social Science Education
 - Audrey L. Miller**
Human Development and Family Science
 - Savana A. Miller**
Interior Design
 - **Sarah A. Montplaisir**
English Education
Biological Sciences Education
 - Taylor C. Morris**
Human Development and Family Science
 - Mallory J. Mosloski**
Human Development and Family Science
 - Daejha Moss+**
Physical Education
Health Education
 - Hannah R. Muntifering**
Human Development and Family Science
 - **Rebekah L. Murphy**
Human Development and Family Science
 - **Mackenzie M. Myrkle**
Sport Management
 - Brianna M. Myrold**
Human Development and Family Science
 - **Victoria Nelson**
Interior Design
 - Kenzie R. Nicolai**
Human Development and Family Science
 - **Nimpaye Rita**
Human Development and Family Science
 - Rose Noland**
Human Development and Family Science
 - **Jadin L. Norby**
Physical Education
Health Education
 - Brady E. Oberlander**
Human Development and Family Science
 - Lorianne M. Odegaard**
Family and Consumer Science Education

- **Liam D. Ogren**
Exercise Science
- **Grace Olson**
Exercise Science
- Elijah D. Orton**
Social Science Education
- Miranda J. Paananen**
Human Development and Family Science
- Abigail J. Pack**
Human Development and Family Science
- **Colin A. Pangier**
Exercise Science
- **Destiney S. Parker**
Human Development and Family Science
- Scotti M. Pease**
Human Development and Family Science
- **Sophia I. Pena**
Sport Management
- Jenna E. Perreault**
Human Development and Family Science
- **Amanda K. Perrot**
Dietetics
- **Andrea M. Peters**
Human Development and Family Science
Psychology
- Bailley K. Peterson**
Human Development and Family Science
- Kelby A. Peterson+**
Sport Management
- Shania L. Petz**
Human Development and Family Science
- **Karalyn L. Pieper**
Exercise Science
- **Samuel T. Poland**
Agricultural Education
- **Morgan M. Pool**
Human Development and Family Science
- **Madison L. Post**
Human Development and Family Science
- **Jesse E. Price**
Interior Design
- Sarah B. Quinn**
Exercise Science
- **Jenna M. Rachey**
Dietetics
- Victoria L. Reindel**
Human Development and Family Science
- **Abigail E. Reitz**
Social Science Education
- Madison K. Ressemann**
Human Development and Family Science
- Cohl M. Ringle**
Agricultural Education
- Cody K. Roder**
Human Development and Family Science
- **Madelyn E. Roehl**
Exercise Science
- **Brandon D. Roesler**
Exercise Science
- **Lauryn M. Roszak**
Exercise Science
- **Brooke A. Rothamer**
Biological Sciences Education
English Education
- Rachel N. Rueb**
Human Development and Family Science
- Katie L. Sanda**
Human Development and Family Science
- James J. Saylor+**
Hospitality and Tourism Management
- Dakota R. Schaefer**
Mathematics Education
- **Paige B. Schaffer**
Exercise Science
- **Hope P. Scheresky**
Social Science Education
- Hannah R. Scherr**
Human Development and Family Science
- Payton O. Schilke**
Human Development and Family Science
- **Isabel Schirm**
Human Development and Family Science
- **Morgan H. Schiro+**
Exercise Science
- **Taylin L. Schleicher**
Exercise Science
- **Madison Schmidt**
Human Development and Family Science
- **Madeline Schroeder**
Biological Sciences Education
- **Hannah Schumacher**
Interior Design
- Austin T. Selix**
Sport Management
- Mya T. Sharp**
Apparel, Retail Merchandising and Design
- Amber Sickler**
Human Development and Family Science
- Olivia R. Skibiell+**
Exercise Science
- **Benjamin J. Smith**
Sport Management
- **Montserrat Sosa Bustamante**
Interior Design
- **Austin Sparrow**
Sport Management
- **Amy Stauffenecker**
Interior Design
- Abby Steckler+**
Exercise Science
- **Maggie R. Steffen**
Sport Management
- **Emily A. Stenhjem**
Exercise Science
Psychology
- Sophia R. Such**
Hospitality and Tourism Management
- **Kenneth J. Sweetland**
Exercise Science
- Christopher G. Thiel**
Exercise Science
- Daniel S. Thompson**
Human Development and Family Science
- Kaitlyn J. Thompson**
Human Development and Family Science
- **Thomas J. Thompson**
Physical Education
Health Education
- Katelyn R. Tschida**
Sport Management
- Michael J. Tutsie**
Physical Education
- McKenzie J. Ulmer**
Human Development and Family Science
- Allie M. Vander Laan**
Human Development and Family Science

- **Kalaina Verdick**
Human Development and Family Science
- Marcus K. Walton**
Physical Education
Health Education
- Alexandra S. Walz**
Human Development and Family Science
- Abby L. Wandler+**
Human Development and Family Science
- **Rachel E. Warner**
Dietetics
- Sidney H. Weeks**
Human Development and Family Science
- Jadyn A. Wehlage**
Human Development and Family Science
- Madison G. Weiler**
Human Development and Family Science
- **Madison J. Wical**
Human Development and Family Science
- Wynne M. Wrede**
Hospitality and Tourism Management
- **Gracie J. Wright**
Exercise Science
- **Syanne J. Young Bird**
Human Development and Family Science
- Natalie G. Youngman**
Human Development and Family Science
- Seshel K. Yri**
English Education
- Owen D. Zacchea**
Hospitality and Tourism Management
- Blake D. Zander+**
Sport Management
- **Grace A. Zimmerman+**
Exercise Science
- **Jakob M. Zuidema**
Social Science Education

COLLEGE OF SCIENCE AND MATHEMATICS

Candidates will be presented by Dean Kimberly Wallin and marshaled by Dr. Ron Degges.

DOCTOR OF PHILOSOPHY

Shantanu Awasthi *Mathematics*

“The First Exit-Time Analysis of an Approximate Barndorff-Nielsen and Shephard Model with Data Science-Based Applications in the Commodity Market”

Advisor: Dr. Indranil Sengupta

Karan Bansal *Coatings and Polymeric Materials*

“Advancement towards Sustainability and Functionality of Polymeric Materials and Coatings”

Advisor: Dr. Mohiuddin Quadir

Trevor A. Baumgartner *Biochemistry*

“Biochemical and Cellular Analysis of Replication Factor A in DNA Repair and Checkpoint Exit”

Advisor: Dr. Stuart Haring

Jackson R. Benda *Coatings and Polymeric Materials*

“Surface Modifying Amphiphilic Additives for the Improvement of Fouling-release properties in Siloxane-polyurethane Coatings”

Advisor: Dr. Dean C. Webster

Sujata G. Birua *Biochemistry*

“New insights into Apoptosis-Inducing Factor (AIF) mediating Pro-survival Activity”

Advisor: Dr. John Wilkinson

Gwendorlene P. Chea *Coatings and Polymeric Materials*

“Modification of Diglycidyl Ether of Bisphenol-A Epoxy Primer for Multi-Substrate Application”

Advisor: Dr. Dante Battocchi

Evan W. Culver *Chemistry*

“Synthesis of Low Bandgap Thieno[3,4-b]pyrazine-Acceptor Copolymers Via Direct Arylation Polymerization”

Advisor: Dr. Seth Rasmussen

Kayla N. Earls *Biological Sciences*

“Short- and Long-term effects of environmental variability on the ecophysiology of a solitary bee”

Advisor: Dr. Kendra Greenlee

Fouad A. Khalawi *Statistics*

“Proposed Nonparametric Tests for the Simple Tree Alternative for Location and Scale Testing in a Mixed Design”

Advisor: Dr. Rhonda Magel

Wendy A. Larson *Biochemistry*

“Roles of Replication Factor A Post-Translational Modifications in Coordinating the DNA Damage Checkpoint”

Advisor: Dr. Stuart Haring

Brenda M. McGrath *Statistics*

“Profile Cardinality Matching in Observational Studies with Multi-Level Data”

Advisor: Dr. Bong-Jin Choi

Mohammad G. Mostofa *Statistics*

“Compare Prediction Accuracy of Cancer Survival Using Machine Learning and Statistical Methods”

Advisor: Dr. Megan Orr

Benjamin L. Noteboom *Mathematics*

“Symbolic Power Decompositions of Disjoint Cycle Graphs”

Advisor: Dr. Susan Cooper

Michael Roberts *Mathematics*

“Hypothesis Testing on Time Series Driven by Underlying Lévy Processes with Machine Learning Applications”

Advisor: Dr. Indranil Sengupta

Nicholas D. Salmon *Mathematics*

“Financial analysis with fractional Barndorff-Nielsen and Shephard models and hypergraphs: applications in swaps, hedging, and neural networks”

Advisor: Dr. Indranil Sengupta

Humayra F. Shoshi *Mathematics*

“Data-Science-Driven Refinements of Stochastic Models with Applications in Oil Data, Short Maturity Asian Options, and Yield Prediction”

Advisor: Dr. Indranil Sengupta

Nicole M. Snyder *Biological Sciences*

“Predicting Phenotypes: How Avian Offspring Integrate Cues of Season From Their Environment and Mothers”

Advisors: Dr. Tim Greives and Dr. Wendy Reed

Kyle Strand *Physics*

“Novel Developments in Lattice Gas and Lattice Boltzmann Methods”

Advisor: Dr. Alexander Wagner

Catherine A. Sutton *Chemistry*

“Synthesis of Novel Biomass-derived Diol and Epoxide Monomers for Coatings Applications”

Advisor: Dr. Mukund Sibi

Allison C. Veronda *Psychology*

“Longitudinal Examination of Sleep and Chrononutrition”

Advisor: Dr. Leah Irish

MASTER OF SCIENCE

Garrett S. Byron

Psychology

Alexander R. Delgado

Biology

Abigail J. Dennis

Biology

Yuxin Guo

Applied Statistics

Morgen Hagerott

Coatings and Polymeric Materials

Derek T. Krueger

Biology

Hammed O. Lawal

Applied Statistics

Austin Uden

Mathematics

Rikki M. Walter

Biology

BACHELOR OF ARTS

Andrea J. Loose

Psychology

BACHELOR OF SCIENCE

- **Aiden M. Ackerland**
Biological Sciences
- Olivia M. Anderson+**
Psychology
- **Jade M. Berg**
Psychology
Women and Gender Studies
- **Adam G. Beyer**
Psychology
- Megan R. Biggerstaff+**
Biological Sciences
- Anja M. Black**
Psychology
- Alison E. Blumb**
Psychology
- **Bailey M. Boehler**
Biological Sciences
- Emily G. Boehm+**
Biological Sciences
Psychology
- Jill S. Borowicz**
Psychology
- Alicia B. Boyer+**
Biological Sciences
- Keith Braddock**
Psychology
- Alexander T. Brosseau**
Biological Sciences
- **Rachel N. Burgard**
Psychology
- Vincent L. Campanale**
Mathematics
- James T. Canady+**
Biological Sciences
- Elly M. Capra**
Biological Sciences
- **Avarie Carlson**
Psychology
- **Jack K. Carlson**
Biological Sciences
- Walker R. Clay**
Biological Sciences
- **Hayley L. Courneya**
Natural Resources Management
- Jocelyn K. Cyr**
Psychology
- Benjamin J. Dalley**
Biological Sciences
- Kiesha M. Dekarske-Riewer**
Psychology
Microbiology
- **Mark A. Delisi**
Psychology
- Evan J. Dietrich**
Psychology
- Aissatou Diouf**
Biological Sciences
- **Emma G. DuPont**
Psychology
Anthropology
- Nora M. Duren**
Biological Sciences
- Isabella I. Estrada Moog+**
Psychology
- Olivia N. Estrada Moog+**
Psychology
- Isabella L. Fears**
Psychology
- **Madison J. Feulner**
Biological Sciences
- Grace E. Fladeland+**
Psychology
- **Jamie M. Flam**
Biological Sciences
- Adam C. Flesche**
Chemistry
- **Alisha C. Fogelson**
Psychology
- Sabine F. Gagnon**
Psychology
- Jesse A. Gallagher+**
Biological Sciences
- Jackson A. Gentile**
Biological Sciences
- Jasmine Ghauri**
Biological Sciences
- **Alexis J. Gilbertson**
Biological Sciences
- Everett O. Glower**
Biochemistry and Molecular Biology
- MacKenzie A. Gunderson**
Psychology
- **Logan M. Hackett**
Biological Sciences
- Rochelle L. Hansen**
Psychology
- Gage W. Hanson**
Psychology
- **Samuel A. Harrison**
Biological Sciences
- **Sydney R. Harvey**
Biological Sciences
- **Jared M. Hendrickson**
Biological Sciences
- Claire E. Hennum+**
Biological Sciences
- Zane D. Hensel**
Chemistry
- Emily Hill**
Psychology
- **Allison Hogstad**
Biological Sciences
- Faith Hoke**
Psychology
- Yasmin L. Hubert**
Psychology
- Dylan J. Humble**
Psychology
- **Cadyn Hunter**
Psychology
- Brooke A. Irion**
Psychology
Human Development and Family Sciences
- Haley K. Jensen**
Psychology
- Hannah D. Jensen**
Psychology
- Daniel J. Jerome**
Biological Sciences
- Brayden R. Johnson**
Biological Sciences
- Zachary R. Johnson**
Biological Sciences

- Christine L. Jones**
Psychology
- Kayla K. Jones**
Psychology
- Laura C. Jones**
Biological Sciences
- Cole S. Julien**
Biological Sciences
- Brooks R. Kenney**
Psychology
- Peyton E. Klein**
Psychology
- Cameron M. Klooster**
Biological Sciences
- **Luke Kosel**
Biological Sciences
- Rachel Kuehl**
Biological Sciences
- **Tessa Large**
Psychology
- **Abbey M. Lee**
Biological Sciences
- Cassandra J. Leen**
Psychology
- **Alexandria L. Leiferman**
Biological Sciences
- **Iverson P. Lok**
Biological Sciences
Psychology
- Carl B. Ludewig+**
Geology
- **Virginia R. Lyons**
Biological Sciences
- Samantha R. Magelky**
Psychology
- Caleb M. Marquardt**
Statistics
- **Nathaniel L. Martin**
Biological Sciences
- Hailey May**
Psychology
- **Victoria M. McCoy**
Biological Sciences
- Jadyn M. McKeever**
Psychology
- **Ashley L. Metcalf**
Biological Sciences
- **Emily J. Meyer**
Psychology
- **Mae K. Meyer**
Psychology
- Stacey D. Miller**
Statistics
- Drew V. Murray+**
Biological Sciences
- Chance D. Norton**
Biological Sciences
- **Jack Nugent**
Mathematics
- Monni K. Nyaribo+**
Biological Sciences
- **Katarina L. Nyberg**
Biological Sciences
- Ty D. Ogren**
Psychology
- Alyssa A. Olheiser**
Biological Sciences
- Meredith C. Olig**
Psychology
- Marie Olson**
Psychology
- **Dev J. Patel**
Biological Sciences
- Rachel M. Pavlicek**
Psychology
Human Development and Family Sciences
- Jack A. Peterson**
Psychology
Economics
- Matthew V. Peterson**
Statistics
- **Benjamin S. Phillips**
Psychology
- Zoe R. Pitkin**
Psychology
Criminal Justice
- **McKenna L. Quintus**
Biological Sciences
- **Komila Rasuleva**
Biological Sciences
- **Andrew J. Robertson**
Statistics
- **Margaret G. Roeder**
Biological Sciences
- Victoria R. Rollings**
Psychology
- Micaela R. Rud**
Psychology
- Madeline J. Rutherford**
Psychology
- **Kori Rutkowski**
Biological Sciences
- Madison Sager**
Biological Sciences
- **Joshua G. Samyn**
Biological Sciences
- Tess M. Schafer**
Psychology
- **Onna H. Scheuer**
Psychology
Music
- Bria E. Schilke**
Psychology
Women and Gender Studies
- Rachel J. Schoenecker+**
Biological Sciences
- Anna K. Schumacher**
Psychology
- Bridger J. Scrapper**
Biological Sciences
- Matthew J. Seefeldt+**
Mathematics
- Christopher R. Senger**
Psychology
Sociology
- Jesse A. Shearer**
Psychology
- **Grace L. Simonson**
Biological Sciences
- **Treyton J. Sjoberg**
Psychology
- Jenna J. Stauffenecker**
Psychology
- **Jack Stensgard**
Biochemistry and Molecular Biology

Erin M. Suelter
Biological Sciences

Josselyn E. Thrash
Psychology
Human Development and Family Sciences

••• **Zachery P. Tiedeman**
Biotechnology

Alexandra M. Timm+
Biological Sciences

Amy N. Tobias
Biological Sciences

Gabriel Torbert+
Psychology

Jaclynn R. Turcotte+
Psychology
Human Development and Family Sciences

Taylor M. Van Horn+
Biological Sciences

•• **Olivia L. Wagendorf**
Psychology

• **Brie A. Walen**
Biological Sciences

Payton M. Weber-Rolfes
Psychology

••• **Samantha J. Weston**
Biological Sciences

•• **Joshua C. Wong**
Biological Sciences

•• **Hanna S. Zastoupil**
Biological Sciences

Katie L. Zimmer
Biological Sciences

Jared M. Zollner
Chemistry



STUDENT FOCUSED



LAND GRANT



RESEARCH UNIVERSITY



NDSU THEN

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 NOW

NDSU is a national model of a successful student-focused, land-grant, research institution. The university is a vibrant institution that enrolled more than 12,400 students during fall 2021 in its undergraduate and graduate programs.

NDSU is an R1 research institution as defined by the Carnegie Classification of Institutions of Higher Education. That is the top Carnegie status and is presented only to institutions with a very high level of research activity and a high number of doctoral degrees conferred across a balanced portfolio of disciplines. With more than \$156 million in research expenditures in fiscal 2020, NDSU is ranked 97th among 415 public universities by the National Science Foundation’s Higher Education Research and Development Survey.

NORTH DAKOTA STATE BOARD OF HIGHER EDUCATION

Nick Hacker Bismarck
Chair

Jill Louters Sheyenne

Tim Mihalick Minot

Don Morton Bismarck

Kathleen Neset Tioga

Casey Ryan Grand Forks

Dan Traynor Devils Lake

Debora Dragseth

Faculty Adviser
Dickinson State University

Kaleb Dschaak

Student Member
University of North Dakota

Retha Mattern

Staff Adviser
Bismarck State College

NDSU PRESIDENTS

<i>President</i>	<i>Term</i>
Stockbridge, Horace E.	1890 - 1893
Powers, J. B. (Acting)	1893 - 1895
Worst, John H.	1895 - 1916
Ladd, Edwin F.	1916 - 1921
Keene, Edward S. (Acting)	February - September, 1921
Coulter, John Lee	1921 - 1929
Minard, Archibald E. (Acting)	July - September, 1929
Shepperd, John B.	1929 - 1937
West, John C. (Acting)	1937 - 1938
Eversull, Frank L.	1938 - 1946
Sevrinson, Charles A. (Acting)	June - July, 1946
Longwell, John H.	1946 - 1948
Hultz, Fred S.	1948 - 1961
Hazen, Arlon G. (Acting)	1961 - 1962
Albrecht, H.R.	1962 - 1967
Loftsgard, L.D.	1968 - 1987
Koob, Robert (Acting)	October 1987 - May 1988
Ozbun, J.L.	1988 - 1995
Plough, Thomas R.	1995 - 1998
Fischer, Allan G. (Interim)	June 1998 - 1999
Chapman, Joseph A.	1999 - 2009
Hanson, Richard (Interim)	2009 - 2010
Bresciani, Dean	2010 - present

THE ACADEMIC PROCESSIONAL

The academic processional that officially preludes the Commencement ceremonies on college and university campuses is one of the oldest and most colorful customs that link 21st century education with its early origins.

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

ACADEMIC APPAREL

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

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

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

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

The hood, a triangular fold of cloth worn over the back of the gown, is faced with colors which denote the field of study represented by the wearer's degree; the colors of the lining are those of the college or university that granted the degree. The length of the hood is correspondingly longer with each higher degree.

The wide velvet borders extending down the front of the doctoral gown, the velvet bars on the sleeves and the borders of most hoods, are colored according to the scholarly field of the wearer. The most usual of these doctoral hood colors are the following:

<i>blue violet</i>	Architecture
<i>white</i>	Arts, Letters and Humanities
<i>copper</i>	Economics
<i>light blue</i>	Education
<i>orange</i>	Engineering
<i>brown</i>	Fine Arts
<i>crimson</i>	Communication
<i>purple</i>	Law
<i>lemon</i>	Library Science
<i>pink</i>	Music
<i>dark blue</i>	Philosophy
<i>sage green</i>	Physical Education
<i>salmon pink</i>	Public Health
<i>gold</i>	Science
<i>scarlet</i>	Theology

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.

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

GRADUATION HONORS

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

Other academic honors include the following:

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

BETA GAMMA SIGMA, *international business honor society*: A blue and gold cord is worn around the neck. Students, by class, who qualify are: juniors, top 7 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.

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

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

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

NATIONAL RESIDENCE HALL, *honorary*: A navy blue honor cord is worn around the neck. To qualify, members must demonstrate leadership and academic qualities within the top 1 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 white stole with gold embroidery is worn around the neck. To qualify, juniors or seniors must have a 3.0 grade-point average and be in the upper 20 percent of their class.

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

UPSILON PI EPSILON, *national computer science honor society*: Medallion with burgundy ribbon is worn around the neck. To qualify, undergraduate students must be upperclass status in the top 35 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

1939

Dean H. L. Bolley, D.Agr.
C. B. Waldron, D.Agr.

1940

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

1943

Maj. Gen. James A. Ulio,
D.Sc. in Mil. Sci.

1946

Dr. L. Van Es, D.Agr.

1948

O. A. Stevens, D.Sc.

1949

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

1950

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

1951

Clyde H. Bailey, D.Sc.

1952

D. Milton Ladd, LL.D.

1953

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

1954

Dean R. M. Dolve, D.Sc.

1955

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

1956

Roy Johnson, D.Sc.

1957

John Haw, D.Sc.

1958

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

1959

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

1960

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

1961

E. J. Haslerud, D.Sc.

1962

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

1963

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

1964

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

1965

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

1966

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

Special Convocation

Dec. 15, 1966

General Harold K. Johnson,
L.H.D.

1967

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

1968

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

During Inaugural

April 11, 1969

Dr. Clifford M. Hardin, D.Sc.

1969

Clifford H. Willson, D.Sc.

1970

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

1971

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

1972

Dr. H. R. Albrecht, D.Sc.
Clyfford Still, D.F.A.

1973

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

1974

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

1975

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

1976

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

1977

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

1978

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

1979

Roland F. Harding, D.Sc.

1980

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

1981

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

1982

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

1983

John Rouzie, D.Hum.Litt.

1984

Brynhild Haugland, LL.D.

1985

Edwin M. Anderson, D.Sc.
John H. Ladish, D.Sc.

1986

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

1987

Robert M. Hendrickson, LL.D.

1988

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

1989

Ernest G. Anderson, D.Sc.
Howard M. Olson, D.Sc.

1990

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

1991

Lloyd Thompson, D.Sc.

1992

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

1993

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

1994

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

1995

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

1996

Dr. Philip E. Austin, LL.D.

1998 May

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

1998 December

Dr. James M. Sugihara, D.Sc.

1999 May

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

1999 December

Robert C. Dawson, LL.D.

2000 May

David W. 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. Roald Lund, D.Agr.

2018 May

John R. Klai II, D.Hum.Litt.

2018 December

Spencer Duin, D.Sc.

2019 December

Dr. Berdell Funke, D.Sc.

2021 May

Prakash Mathew, D.Hum.Litt.

2022 May

Neal Fisher, D. Agr.

HONORARY
DOCTORATES

- HONORIS CAUSA

D. Agr.	<i>Agriculture</i>
D.F.A.	<i>Fine Arts</i>
D. Hum.Litt.	<i>Humane Letters</i>
D.Mus.	<i>Music</i>
D.Sc.	<i>Science</i>
D.Sc. in Mil. Sci.	<i>Military Science</i>
J.D.	<i>Laws</i>
L.H.D.	<i>Humanities</i>
Litt.D.	<i>Letters</i>
LL.D.	<i>Laws</i>

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?

BY FRANCIS SCOTT KEY

THE STAR
SPANGLED BANNER

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.

THE YELLOW
AND THE GREEN

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

NDSU NORTH DAKOTA
STATE UNIVERSITY