

NDSU NORTH DAKOTA STATE UNIVERSITY

WINTER COMMENCEMENT DECEMBER 16, 2016

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 Anna Tescher, Student Soloist |
| Please remove your caps and remain standing until after the singing of the National Anthem. |
| WELCOME AND REMARKS |
| GREETINGS |
| INTRODUCTION OF STUDENT SPEAKER |
| STUDENT ADDRESS |
| ADMINISTRATION OF OATH TO SECOND LIEUTENANT CANDIDATES |

| PRESENTATION OF CANDIDATES FOR DEGREES DR. BETH INGRAM Provost | |
|--|--|
| CONFERRAL OF DEGREES | |
| PRESENTATION OF COLLEGES Graduate and Interdisciplinary Studies pg. 5 | |
| CLOSING REMARKS | |
| NDSU SCHOOL SONG | |
| RECESSIONAL | |

Please remain seated until the recessional concludes.

CANDIDATES FOR APPOINTMENT TO SECOND LIEUTENANT

DEPARTMENT OF MILITARY SCIENCE (ARMY ROTC) COMMISSIONEES

Tyler A. Fergel Shakopee, Minnesota
Active Duty

Cody J. Zikmund Aberdeen, South Dakota
North Dakota National Guard

CLASS REPRESENTATIVE

Nathan Kurtti is receiving a Bachelor of Science in English education. The English language and the art of writing have been at the center of his many activities and organizations while he was an NDSU student. Active as a tutor for the NDSU Center for Writers, ACE Tutoring and the Red River Writing Project and a volunteer at the Wellness and Empowerment Center, he has worked closely with students and New Americans to improve their communication skills. He is a member of the Sigma Tau Delta Honor Society for English and English education majors. In addition to his love for writing, he directed his own theater production of "Oliver!" in 2015. Kurtti, who plans to be an English teacher, is from Hazen, North Dakota.

SOLOIST

Anna Tescher originally from Dickinson, North Dakota, studied voice under Robert Jones, professor of music, while pursuing her bachelor's degree in vocal performance. She was a member of the Madrigal Singers and the NDSU Concert Choir, where she was a featured soloist in Handel's "Messiah." She also appeared in NDSU Opera Scenes and NDSU Opera productions of Mozart's "The Magic Flute," Gilbert and Sullivan's "Trial by Jury," "A Midsummer Night's Dream" and "HMS Pinafore." She appeared in "Die Fledermaus" with Summer Performing Arts Opera and the Fargo-Moorhead Opera's production of "Suor Angelica." In addition, Tescher participated in the Johanna Meier Opera Theater Institute and the Vancouver International Song Institute programs. She also competed in the National Association for Teachers of Singing auditions, earning first places in her division at the state level and a second place ranking at the national level.

COLLEGE OF

GRADUATE AND INTERDISCIPLINARY STUDIES

Candidates will be presented by Dean Maria-Claudia Tomany and marshaled by Dr. Jane Schuh and student marshal Bukola Bakare.

DOCTOR OF PHILOSOPHY

Kory J. Bonnell Natural Resources Management Crystal, Minnesota

B.A., Concordia College

"Gauging the Perceptions of High School Students in Different Demographics on Environmental Education Topics"

Advisor: Dr. Christina Hargiss

Paula J. Comeau Natural Resources Management Bismarck, North Dakota

B.S., North Dakota State University

M.A., North Dakota State University

"An Interdisciplinary Approach: Connecting Communication, Application, and Education within Natural Resources Management"

Advisor: Dr. Jack Norland

Peng Cui Materials and Nanotechnology

Fargo, North Dakota

B.S., Qiqihar University

M.S., Donghua University

Ph.D., Donghua University

"First Principle Study on Interfacial Energetic Alignment and Charge Transfer in Quantum Dots Functionalized via Metal-Organic Dye"

Advisor: Dr. Svetlana Kilina

Mohammad E. Hossain Environmental and

Conservation Science

Noakhali, Bangladesh

B.S., University of Dhaka

M.S., University of Dhaka

"Evaluation of Phosphate Adsorbed Iron and Nanoiron as Plant Fortifier"

Advisor: Dr. Achintya Bezbaruah

Stephanie E. Hummel Environmental and

Conservation Science

Fargo, North Dakota

B.S., Michigan State University

M.S., Michigan State University

"Understanding the Relationships Between Plant Communities, Sediment Chemistry, and Fish Communities of Pristine Shallow Lake Wetlands"

Advisor: Dr. Marinus Otte

Yasaman Kazemi Transportation and Logistics

Tehran, Iran

M.S., North Dakota State University

"Modeling the Petroleum Supply Chain: Multimodal Transportation, Disruptions and Mitigation Strategies"

Advisor: Dr. Joseph Szmerekovsky

Josiah J. Nelson Environmental and Conservation Science

Flasher, North Dakota

B.S., North Dakota State University

"Habitat Use and Foraging Ecology of Bats in North Dakota"

Advisor: Dr. Erin Gillam

Dhritikshama Roy Environmental and

Conservation Science

Fargo, North Dakota

B.S., University of North Bengal

M.S., Nicholls State University

"Ammonia Oxidizing Archaea in Engineered Water and Wastewater Systems: Presence, Activity, Relationship to Heavy Metal Inhibition,

and Disinfectants"

Advisors: Dr. Eakalak Khan and Dr. John McEvoy

MASTER OF MANAGERIAL LOGISTICS

John W. Szum Amherst, New Hampshire

Transportation and Logistics

B.S., University of New Hampshire

MASTER OF SCIENCE

Taghrid S. Alhumaid Fargo, North Dakota

Food Safety

B.S., Princess Nora Bint Abdul Rahman University

Natural Resources Management

B.S., North Dakota State University

Kayla M. Graber Bottineau, North Dakota

Natural Resources Management

B.S., North Dakota State University

Tong Lin Anqing, China

Environmental and Conservation Science

B.S., Anhui Normal University

Jade M. Monroe Faulkton, South Dakota

Natural Resources Management

B.S., North Dakota State University

David A. Renton Fargo, North Dakota

Natural Resources Management

B.S., North Dakota State University

Benjamin R. Uecker Cottage Grove, Minnesota

Natural Resources Management

B.S., North Dakota State University

MASTER OF TRANSPORTATION AND URBAN SYSTEMS

Andrew Andrusko Ramsey, Minnesota

B.A., Minnesota State University - Mankato

COLLEGE OF

AGRICULTURE, FOOD SYSTEMS, AND NATURAL RESOURCES

Candidates will be presented by Dean Ken Grafton and marshaled by Dr. Todd West and student marshal Abby Braaten.

DOCTOR OF PHILOSOPHY

Nivi D. Abraham Plant Pathology

Trissur, India

B.S., Dr G.R.D Damodaran College of Arts and Science

M.S., Ramaiah College of Arts and Science

M.Phil., Bharathidasan University

"Unfolding the Mysteries of Forest Pathology through Leaf Spot and Canker Disease of

Populus Spp"

Advisor: Dr. Berlin Nelson

Meriem Aoun Plant Pathology Mahdia, Tunisia

M.Eng., Agronomic Institute of Chott Meriem

M.S., Mediterranean Agronomic Institute of Chania

"Leaf Rust and Stem Rust Resistance in Durum Wheat and Genotype by Sequencing for the Study

of Population Genetics in Puccinia Triticina"

Advisor: Dr. Maricelis Acevedo

Tsogtbayar Baasandorj Cereal Science

Ulaanbaatar, Mongolia

B.S., North Dakota State University

M.S., North Dakota State University

"Hard Red Spring Wheat Quality Evaluation with Various Roller Mill Types and Breadmaking Methods"

Advisor: Dr. Senay Simsek

Arnab Bhowmik Soil Science

Siliguri, India

B.S., Bidhan Chandra Krishi Vishwavidyalaya

M.S., Punjab Agricultural University

"Soil Quality and Greenhouse Gas Emissions in Long Term Integrated and Reduced Tillage Organic Systems'

Advisor: Dr. Larry Cihacek

Mellissa R. Crosswhite Animal Science

West Fargo, North Dakota

B.S., University of Florida

M.S., North Dakota State University

"The Impact of Reproductive Technologies on Beef Cattle and Management"

Advisor: Dr. Carl Dahlen

Heather L. Dose Soil Science

Fargo, North Dakota

B.S., North Dakota State University

M.S., North Dakota State University

"Advancing Soil Health: Linking Belowground Microbial Processes to Aboveground Land Management"

Advisor: Dr. Thomas DeSutter

Shana M. Forster Plant Sciences

Mandan, North Dakota

B.S., North Dakota State University

M.S., North Dakota State University

"Agronomic Practices that Impact Grain Quality

Factors of Durum Wheat"

Advisor: Dr. Joel Ransom

Kiran Ghising Plant Sciences

Fargo, North Dakota

B.S., Himalayan College of Agricultural Sciences and Technology

M.S., North Dakota State University

"Screening of the USDA Core Collection of Common Bean for Reaction to HALO Blight and Identification of Genomic Regions Associated with Resistance"

Advisor: Dr. Juan Osorno

Mohamed S. Ibrahim Plant Sciences

Nairobi, Kenya

B.S., Egerton University

M.S., The University of Nottingham

"Characterization of Common Wheat

Translocations Carrying Leaf Rust Resistance Genes from Alien Species'

Advisor: Dr. Francois Marais

Faithe E. Keomanivong Animal Science

Ames, Iowa

B.S., Iowa State University

M.S., Iowa State University

"Nutritional Influence on Digestive Enzymes and Pancreatic Function in Ruminants"

Advisor: Dr. Kendall Swanson

James Kopco Entomology

Johnstown, Pennsylvania

B.S., Cornell University

"Behaviors Mediate Aphid Interactions with

Natural Enemies and the Environment"

Advisor: Dr. Jason Harmon

Kyle J. McLean Animal Science

Lexington, Kentucky

B.S., Oklahoma State University

M.S., Oklahoma State University

"The Impacts of Maternal Nutritional Plane on the Expression of Endogenous Retroviral Gene Elements, Pregnancy Hormones, and Vascularity Factors During the Establishment of Pregnancy and Fetal Development in Beef Cattle"

Advisor: Dr. Joel Caton

Grant H. Mehring Plant Sciences

Fargo, North Dakota

B.S., University of Jamestown

M.S., North Dakota State University

"Optimum Seeding Rates for Diverse HRSW Cultivars'

Advisors: Dr. Joel Ransom and Dr. Jochum Wiersma

Sepehr Mohajeri Naraghi Plant Sciences

Fargo, North Dakota

B.S., Azad University

M.S., Azad University

"Genetics of End-use Quality Characteristics in Spring Wheat (Triticum aestivum L.)"

Advisor: Dr. Elias Elias

S.M. Hisam A. Rabbi Plant Sciences

Gazipur, Bangladesh

B.S., Bangladesh Agricultural University

M.S., Bangladesh Agricultural University

"Drought Tolerance Qtl Identification in Spring

Wheat of Northern US" Advisor: Dr. Elias M. Elias

Dulan Samarappuli Plant Sciences

Fargo, North Dakota

B.S., University of Colombo

M.S., North Dakota State University

"Sustainable Cropping Systems for Food, Feed, and Energy Production"

Advisor: Dr. Marisol Berti

John E. Stenger Plant Sciences

Herman, Minnesota

B.S., North Dakota State University

M.S., North Dakota State University

"Environmental Influence on Cold-Climate Grapevine (Vitis spp.) Fall Acclimation Response and Fruit Ripening"

Advisor: Dr. Harlene Hatterman-Valenti

MASTER OF SCIENCE

Abdullah F. Alhashel Fargo, North Dakota

Plant Pathology

B.S., King Saud University

Bayarbat Badarch Ulaanbaatar, Mongolia

Agribusiness and Applied Economics

B.S., North Dakota State University

Bradley R. Bisek Mahnomen, Minnesota

Plant Sciences

B.S., North Dakota State University

James M. Bjerke St. Peters, Missouri

Plant Sciences

B.S., University of Missouri-Columbia

Michael T. Borders Little Falls, Minnesota

Agribusiness and Applied Economics

B.S., North Dakota State University

Maria C. Breker Havana, North Dakota

Soil Science

B.S., North Dakota State University

Kirsten R. Butcher Logan, Utah

Soil Science

B.S., Saint Louis University

Steven A. Carlsen Alexandria, Minnesota

Plant Pathology

B.S., North Dakota State University

Kayla E. Chilcoat Eudora, Kansas

Animal Science

B.S., Kansas State University

Woo-Sik Choi Goyang, Korea

Animal Science

B.S., North Dakota State University

Benjamin D. Cigelske Hatton, North Dakota

Plant Sciences

B.S., North Dakota State University

Amanda A. Crook Brandon, Manitoba, Canada

Plant Sciences

B.S., University of Minnesota - Crookston

Matthew S. Crouse Fargo, North Dakota

Animal Science

B.S., New Mexico State University

Abigail R. Debner Winsted, Minnesota

Horticulture

B.S., North Dakota State University

Rebecca R. Doyle Fort Gratiot, Michigan

Soil Science

B.S., Lake Superior State University

Jaclyn L. Eichele Harvey, North Dakota

. Entomology

B.S., North Dakota State University

Calli R. Feland Minot, North Dakota

Plant Sciences

B.S., North Dakota State University

Paul T. Fenlason Sartell, Minnesota

Cereal Science

B.S., North Dakota State University

Briana L. Ferguson Kerkhoven, Minnesota

Animal Science

B.S., North Dakota State University

Kueh Fei Fernandez Kuching, Malaysia

B.S., North Dakota State University

Hettige S. Fernando Kalutara, Sri Lanka

Cereal Science

B.S., University of Sri Jayewardenepura

Lindsey R. Forward Oakes, North Dakota

Plant Sciences

B.S., North Dakota State University

Levi K. Helmuth Lambert, Montana

Agribusiness and Applied Economics

B.S., North Dakota State University

Cassandra E. Hillen Fargo, North Dakota

Cereal Science

B.S., North Dakota State University

Joseph M. Kallenbach Dickinson, North Dakota

Cereal Science

B.S., North Dakota State University

Norifumi Kimura Namie, Fukushima, Japan

Agribusiness and Applied Economics B.S., North Dakota State University

Leah K. Krabbenhoft Moorhead, Minnesota

Plant Sciences

B.S., North Dakota State University

Ryan R. Lenz Buxton, North Dakota

Plant Sciences

B.S., North Dakota State University

Wilson E. Lopez Barrera La Paloma, Uruguay

Agribusiness and Applied Economics

B.S., University of the Republic, Uruguay

David C. Mettler Burtrum, Minnesota Plant Sciences

B.S., North Dakota State University

Bernt L. Nelson LaMoure, North Dakota

Agribusiness and Applied Economics B.S., North Dakota State University

Caitlin R. Olek Felton, Minnesota

Agribusiness and Applied Economics

B.S., North Dakota State University

Maya Reimbaeva Dashoguz, Turkmenistan

Agribusiness and Applied Economics

B.S., North Dakota State University

Jose A. Rivera Caguas, Puerto Rico

Plant Sciences

B.S., University of Puerto Rico-Mayagüez

Catherine S. Schwebach Honolulu, Hawaii

Cereal Science

B.S., North Dakota State University

Alexis M. Siomka Troy, Michigan

Animal Science

B.S., Michigan State University

Ethan D. Sweep Fosston, Minnesota

Plant Sciences

B.S., North Dakota State University

Hannah A. Tomlinson East Wenatchee, Washington Range Science

B.S., University of Idaho

Manuel A. Vasquez Hidalgo Moorhead, Minnesota Animal Science

D. V.M., Universidad Central del Ecuador

Yujuan Wang Fargo, North Dakota

Cereal Science

B.S., Xi'an Academy of Fine Arts

Yimin Yi Yiyang, China

Agribusiness and Applied Economics

B.E., Southeast University

Haipeng Yu Wendeng, China

Animal Science

B.Ag., Qingdao Agricultural University

BACHELOR OF SCIENCE

Hailey A. Aagard Wadena, Minnesota *Equine Science*

Rennah J. Al-Kayali Fargo, North Dakota Horticulture

Lucas A. Anderson Starbuck, Minnesota Agricultural Economics

Joseph J. Arneson Farmington, Minnesota *General Agriculture*

Kelsey J. Awender Oakes, North Dakota Agricultural Economics

 Margalit R. Balaban Bismarck, North Dakota Microbiology

Indra P. Bhattarai Fargo, North Dakota *Microbiology*

•• **Seth C. Bisbee** York, North Dakota *Agribusiness*

Sara E. Bjorlin Prior Lake, Minnesota Natural Resources Management

Chad W. Bladow Battle Lake, Minnesota Crop and Weed Sciences

Cale J. Borho Langdon, North Dakota Agricultural Economics

••• **Dylan H. Boyer** Elgin, North Dakota *Microbiology*

Shelby M. Bueno Fort Hood, Texas *Animal Science*

Joseph C. Burner Clara City, Minnesota Agricultural Systems Management

Rebecca A. Butenhoff Barnesville, Minnesota *Equine Science*

Zachary R. Canton Plymouth, Minnesota General Agriculture

Courtney F. Caranicas West Fargo, North Dakota Natural Resources Management

 Margaret M. Colwell Lonsdale, Minnesota Food Science

Alexander R. Curtis Fallbrook, California
Agricultural Economics

Georgia Starr Davis Lincoln, North Dakota Natural Resources Management

Justin N. Delgado Northfield, Minnesota Natural Resources Management

Brendan M. Dufner Buxton, North Dakota Agricultural Economics

Cassandra M. Dwyer Duluth, Minnesota Veterinary Technology **Daniel E. Eckhoff** Glencoe, Minnesota *Food Science*

Jessica L. Eliason Appleton, Minnesota *Veterinary Technology*

••• Nicole A. Ellingson Appleton, Minnesota Natural Resources Management

••• Kristen L. Erickson Langford, South Dakota Veterinary Technology

•• Marissa L. Evans Little Falls, Minnesota Animal Science

Wade A. Fernelius New London, Minnesota Animal Science

Grant R. Fischer Fargo, North Dakota *Biotechnology*

Mason J. Fussy Nisswa, Minnesota Natural Resources Management

Jacorian M. Goldmann Beulah, North Dakota Natural Resources Management

••• Collin D. Gradin Little Falls, Minnesota Microbiology

Shannon N. Grawberger Roseau, Minnesota *Microbiology*

 Aaron W. Green Ulen, Minnesota Natural Resources Management

Claire M. Grimm Baxter, Minnesota Veterinary Technology

•• Tyler J. Grosz Moorhead, Minnesota Economics

• **Anthony B. Hagen** Chanhassen, Minnesota *Crop and Weed Sciences*

Logan M. Hanson Thief River Falls, Minnesota *Economics*

Samuel J. Hanson Benson, Minnesota *Crop and Weed Sciences*

Samuel G. Harwood Brookings, South Dakota Natural Resources Management

Maria M. Hausauer Beulah, North Dakota

Animal Science

•• Leah M. Hawkins Owatonna, Minnesota Agricultural Economics

Christopher A. Heinrich Medina, North Dakota Agricultural Systems Management

Brandon J. Heinz Cooperstown, North Dakota Agricultural Systems Management

Andy J. Hendrickx New York Mills, Minnesota *Crop and Weed Sciences*

Benjamin J. Hengel Bemidji, Minnesota Natural Resources Management

Matthew P. Hillesland Aneta, North Dakota Agricultural Economics

••• Ryan P. Hoffman Munich, North Dakota Agricultural Economics

• Isaac T. Holman Eagan, Minnesota Natural Resources Management

Austin N. Holy East Grand Forks, Minnesota *Agricultural Economics*

Carter A. Hought Breckenridge, Minnesota *Crop and Weed Sciences*

Nicole L. Human Hastings, Minnesota Equine Science Animal Science

Kaitlynn M. Jasken Riverbank, California *Microbiology*

Chad R. Jelinek Pisek, North Dakota Crop and Weed Sciences

Kaleb N. Jeske West Fargo, North Dakota *Agricultural Economics*

- Jacklynn J. Jordan Westall, Oregon Animal Science
- Marissa M. Judes Sauk Centre, Minnesota Veterinary Technology
- **Ryan T. Kalberer** Detroit Lakes, Minnesota Agricultural Economics
- Sierra K. Karboviak Lancaster, Minnesota Animal Science
- •• Justin L. Kiesow Goodridge, Minnesota Agricultural Systems Management
- ••• Megan E. Klosterman Mooreton, North Dakota Agricultural Economics
 - **Ryan W. Kobilansky** Glen Ullin, North Dakota Natural Resources Management
- •• Whitney L. Koch Osakis, Minnesota Veterinary Technology
 - **Blaine B. Kraska** Hallock, Minnesota Crop and Weed Sciences
 - **Kevin M. Kuhn** Northfield, Minnesota *Crop and Weed Sciences*
- Tiffany A. Larson Wahpeton, North Dakota Microbiology
 - **Landon P. Lechler** Beach, North Dakota General Agriculture
 - **Molly L. Lee** Faulkton, South Dakota *Equine Science*
 - Ian D. Leith Minnetonka, Minnesota
 Biotechnology
- ••• Jessica A. Long Kintyre, North Dakota

 Agribusiness
- Audrey E. Mascal Dekalb, Illinois

 General Agriculture
 - Strategic Communication
 - **Jorjan L. Mason** Fergus Falls, Minnesota *Animal Science*
 - Cody J. Matthees Lake Park, Minnesota Horticulture
 - Carlie D. Meehan New Rockford, North Dakota Agricultural Economics
 - **Riley S. Mickelson** Elbow Lake, Minnesota *Crop and Weed Sciences*
 - **Dalton C. Moore** Northfield, Minnesota Natural Resources Management
 - Joseph F. Neadeau Hawley, Minnesota Economics
 - Melissa M. Neitzke Mound, Minnesota Animal Science
 - Eric B. Nelson Devils Lake, North Dakota

 Agricultural Economics
 - Halie R. Nelson Kenmare, North Dakota Agricultural Economics
 - **Peter B. Ness** Thompson, North Dakota Agricultural Economics
 - Megan L. Norling Fargo, North Dakota Horticulture
 - Jake D. Oakes Hastings, Minnesota Natural Resources Management
 - Natural Resources Management

 Cole S. Peterson Ulen, Minnesota
 - Crop and Weed Sciences

 Mark E. Peterson Clear Lake, Minnesota
- Crop and Weed Sciences
 Tanner B. Post Lakefield, Minnesota
- Crop and Weed Sciences

 Trenton T. Ptacek Oakes, North Dakota
 - Crop and Weed Sciences
 - **Brittany J. Pulec** Mohall, North Dakota Equine Science

- **Zachary S. Rameden** Fargo, North Dakota *Animal Science*
- **Alexander C. Rischette** Hastings, Minnesota Natural Resources Management
- **Justin M. Ruth** Fargo, North Dakota Agricultural Economics
- Becka L. Sadlemyer Osakis, Minnesota Equine Science
 - **Peter A. Sandland** Roseau, Minnesota *Crop and Weed Sciences*
- Nicholas J. Schaefer Langdon, North Dakota Agricultural Economics
 - **Stephanie B. Schaunaman** Aberdeen, South Dakota *Animal Science*
 - **Ashley R. Scherbing** Princeton, Minnesota Agricultural Economics
 - Kari V. Schmeling Golva, North Dakota Veterinary Technology
 - **Peder E. Schmitz** Wheaton, Minnesota *Biotechnology*
 - Danielle L. Schmoker Pingree, North Dakota
 Agricultural Economics
 - **Tanner J. Schoenfelder** Moorhead, Minnesota Sports and Urban Turfgrass Management
 - **Hanna M. Schulzetenberg** St. Cloud, Minnesota *Microbiology*
 - **Peter T. Scott** Pelican Rapids, Minnesota Agribusiness
 - Mckenzi R. Shelton Otsego, Minnesota Biotechnology
 - **Levi J. C. Slater** Esmond, North Dakota *Crop and Weed Sciences*
 - **Kristen M. Smith** Esmond, North Dakota *Agribusiness*
 - **Logan J. Smith** Breckenridge, Minnesota Agricultural Systems Management
 - Jessica L. Stadham Clovis, California Veterinary Technology
- ••• **Abbey J. Steckler** Fargo, North Dakota *Microbiology*
 - Garrett L. Steckler Wimbledon, North Dakota Agricultural Economics
- ••• **Dre E. Steinwehr** Hankinson, North Dakota *Microbiology*
 - **Kristy J. Tachovsky** Savage, Minnesota *Equine Science*
 - **Khang T. Tao** Fargo, North Dakota *Economics*
 - **Trevor M. Telkamp** Hoffman, Minnesota *Agricultural Economics*
 - **Zachary R. Torgerson** Henning, Minnesota Agricultural Economics
- Abbey M. Tucker Fargo, North Dakota Equine Science
- Hannah J. Wagner Fisher, Minnesota Biotechnology
 - **Hans M. Wamre** Delano, Minnesota *Crop and Weed Sciences*
 - **Brandon M. Watson** Horace, North Dakota *Economics*
- Brandon J. Weber Thompson, North Dakota Crop and Weed Sciences
 - Nathan M. Welberg Sauk Centre, Minnesota Natural Resources Management
- Lucas J. Wertish Olivia, Minnesota Crop and Weed Sciences
- ••• Christina M. Wetzel Bismarck, North Dakota Veterinary Technology

Taylar L. Wilson Elk River, Minnesota

Animal Science

Kayla M. Woltz, Chaffield, Minnesota

••• Kayla M. Woltz Chatfield, Minnesota Veterinary Technology Tyler J. Wulfekuhle Wolverton, Minnesota Agricultural Economics Connor D. Yutrzenka Argyle, Minnesota Agricultural Economics

COLLEGE OF

ARTS, HUMANITIES AND SOCIAL SCIENCES

Candidates will be presented by Dean Kent Sandstrom and marshaled by Dr. Sarah Bundy and student marshal Aaron Codden.

DOCTOR OF PHILOSOPHY

Whitney A. Anderson Communication

New Rockford, North Dakota

B.A., Concordia College

M.A., North Dakota State University

"Understanding the Turning Points and Family

System Impacts of Difficult Mother-/

Daughter-in-Law Relationships"

Advisor: Dr. Stephenson J. Beck

Renee J. Bourdeaux Communication

Mandan, North Dakota

B.A., University of North Dakota

M.A., University of North Dakota

"Relational Maintenance Strategies, Positivity, and Constructive Financial Conversations in Romantic,

Committed Partnerships"

Advisor: Dr. Ann Burnett

Kathleen R. Brokke History

Jamestown, North Dakota B.A., University of North Dakota

M.A., University of North Dakota

"Transformation of the Red River Valley of the

North: An Environmental History"

Advisor: Dr. Mark Harvey

Maria M. Buchholz Criminal Justice

Washburn, North Dakota

B.S., North Dakota State University

M.S., North Dakota State University

"Blessings and Curses:The Impact of the North Dakota Oil Boom on Offender Reentry and

Reintegration into the Community" Advisor: Dr. Andrew J. Myer

Thorvald O. Dahle Criminal Justice

Moorhead, Minnesota

B.S., Minnesota State University Moorhead

M.S., Minnesota State University Moorhead

"No Time for Stolen Yard Gnomes: Changing Styles of Policing During an Oil Boom"

Advisor: Dr. Carol A. Archbold

Nancy DiTunnariello Communication

East Brunswick, New Jersey

 $B.A., The\ Pennsylvania\ State\ University$

M.A., Kean University

"What Do I Do?: Exploring Elements of Advice and Relationship Satisfaction between Emerging Adults and Their Parents after Requesting Advice"

Advisor: Dr. Ann Burnett

Neelam Jabeen Rhetoric, Writing and Culture

Chakwal, Pakistan

B.A., International Islamic University Islamabad M.A., International Islamic University Islamabad

M.Phil., International Islamic University Islamabad

"Women and the Environment of South-Asia:

Toward a Postcolonial Ecofeminism"

Advisor: Dr. Miriam Mara

MASTER OF ARTS

Dawn E. Berry Vista, California

Mass Communication

B.S., Minnesota State University-Moorhead

Amanda J. Breen Fargo, North Dakota

Mass Communication

B.S., North Dakota State University

Melissa K. Clements Loves Park, Illinois

Speech Communication

B.A., Rockford University

Alison R. Driscoll Fargo, North Dakota

B.A., North Dakota State University

Erika J. Dyk Bozeman, Montana *English*

B.A., North Dakota State University

Rachel E. Jones Fargo, North Dakota

English

B.S., North Dakota State University

Anna M. Munns Fargo, North Dakota

Anthropology

B.A., University of Minnesota-Twin Cities

Chad E. Olson Campbell, Minnesota

An thropology

B.A., North Dakota State University

Steven D. Petherbridge Fargo, North Dakota *English*

B.S., Valley City State University

Thomas J. Quist Alexandria, Minnesota

History

B.A., Concordia College

Brenna E. Weston Ithaca, New York

Anthropology

B.S., North Dakota State University

MASTER OF MUSIC

Pamela C. Burns Fargo, North Dakota

B.S., Minot State University

Keith J. Eider Fargo, North Dakota

B.S., Minnesota State University - Moorhead

Amy J. Johnson Moorhead, Minnesota

B.S., Minnesota State University - Moorhead **Joseph P. Lindquist** Moorhead, Minnesota

B.A., Concordia College

Kimberly L. Lundak Rochester, Minnesota B.S., Winona State University

Bryan Poyzer Amenia, North Dakota

B.S., Valley City State University

Gary L. Ward Kindred, North Dakota

B.A., Bemidji State University

MASTER OF SCIENCE

Florija Ajdari Hankinson, North Dakota Emergency Management B.S., University of North Dakota

Mariah J. Bartholomay Sheldon, North Dakota Sociology

B.S., North Dakota State University

Emily Bublitz Fargo, North Dakota Speech Communication B.A., Minnesota State University - Moorhead

James T. Hyde Severna Park, Maryland Emergency Management M.A., Millersville University

Sarah L. Joyce Plymouth, Minnesota *Criminal Justice*

B.S., North Dakota State University

April D. Knudsen Alma, Colorado Community Development

B.A., Colorado State University-Pueblo

Robert K. Kurtz Fargo, North Dakota *History*

B.S., North Dakota State University

Amber N. Lien Fargo, North Dakota History B.S., Dickinson State University

Allison A. Noe Sauk Centre, Minnesota Criminal Justice

B.A., St. Cloud State University

Matthew J. Radermacher Franklin, Minnesota Anthropology B.A., Minnesota State University-Moorhead

BACHELOR OF ARTS

Kurt H. Eggers Fargo, North Dakota English

 Tyler A. Fergel Fargo, North Dakota Political Science

Yarimson Fofana Fargo, North Dakota Journalism International Studies

Kigenyi A. Kalema Bloomington, Minnesota English

BACHELOR OF FINE ARTS

Samuel J. Olson West Allis, Wisconsin Theatre Arts

••• Madeline T. Sharpe Fargo, North Dakota Theatre Arts

BACHELOR OF MUSIC

- •• Cydney R. Berlinger Fargo, North Dakota Tylen R. Bultema Eagan, Minnesota Dareien C. Lund Rolla, North Dakota
- ••• Eric T. Pelletier Bismarck, North Dakota
- Anna I. Tescher Dickinson, North Dakota

BACHELOR OF SCIENCE

Deanna J. Baron Baudette, Minnesota *Sociology*

Joshua A. Baumchen International Falls, Minnesota Criminal Justice Ryan L. Beauchane West Fargo, North Dakota Criminal Justice

Alexander J. Becklund Fargo, North Dakota *Anthropology*

Andrew T. Bergan Mandan, North Dakota *Music*

Christine M. Berge Cooperstown, North Dakota *Criminal Justice*

Mariah B. Bertolotto Washburn, North Dakota Health Communication

•• Alex C. Blaser Alexandria, Minnesota

Music

Lindsey A. Boushee Grand Forks, North Dakota *Criminal Justice*

Benjamin R. Breden Fargo, North Dakota Strategic Communication

Mark L. Brose Waconia, Minnesota Strategic Communication

••• Lindsey J. Carpenter Cohasset, Minnesota Criminal Justice

Emily R. Carrow Fargo, North Dakota Management Communication

Michael M. Casey Annandale, Minnesota English

Laura A. Caylor Carrington, North Dakota Strategic Communication

Joshua C. Colville Fargo, North Dakota *Sociology*

Hamida A. Dakane Fargo, North Dakota Emergency Management

Hillary L. Ehlen Horace, North Dakota *Art*

Shayla M. Eidenschink Fargo, North Dakota *Women and Gender Studies*

Austin E. Farnlof Cave Creek, Arizona *Criminal Justice*

Jami L. Feist Velva, North Dakota Criminal Justice

Danielle M. Flora Coon Rapids, Minnesota Sociology

Camille R. Forlano Burbank, California English

• Benjamin A. Gallagher Martin, North Dakota Emergency Management

Lindsey M. Gress Fargo, North Dakota *Music*

Eric T. Hagstrom Fergus Falls, Minnesota *Criminal Justice*

Grant M. Hansmeyer Ramsey, Minnesota *Criminal Justice*

••• Carolyn G. Hausladen Corcoran, Minnesota

Art

Courtney T. Hawkins Souix City, Iowa History

Dalton J. Herding Hankinson, North Dakota *Emergency Management*

Garrett J. Hittle Hunlock Creek, Pennsylvania Emergency Management

Allie E. Hobbs Maple Grove, Minnesota Agricultural Communication

Rachel L. Hovseth Lino Lakes, Minnesota Health Communication

Wendi Jia Weihai City, China English

Hannah E. Johnson White Bear Lake, Minnesota Strategic Communication

- **Jessica A. Johnson** New England, North Dakota *Management Communication*
- **Tianna A. Kelley** Fargo, North Dakota *Sociology*
- **Jeremy D. Kelly** New Richmond, Wisconsin *Criminal Justice*
- **Sara L. King** Casselton, North Dakota *Health Communication*
- **Kayla M. Krance** Dickinson, North Dakota *Criminal Justice Psychology*
- Amanda M. Krebs Dickinson, North Dakota Criminal Justice Psychology
- **Jason D. Lange** Wabasso, Minnesota *Criminal Justice Chemistry*
 - Nicholas J. Ledoux Fargo, North Dakota

 English

Theatre Arts

- **Tenzin Lhanze** Minneapolis, Minnesota *Philosophy/Humanities*
- **Bo M. Liekhus** Plattsmouth, Nebraska *Criminal Justice*
- **Aspen L. Lindell** Dassel, Minnesota *Health Communication*
- Joshua A. Lynnes Kindred, North Dakota Journalism
- Alexander S. Madlom Fargo, North Dakota Management Communication Sport Management
- **Dillon J. Marquart** Sawyer, North Dakota Anthropology
- Mitchell A. Mazaheri Fargo, North Dakota Criminal Justice
- Jena V. McIntyre Fargo, North Dakota English
- **Kyle A. Meisch** Owatonna, Minnesota *Journalism*
- **Jessica L. Mikesh** Kindred, North Dakota *Health Communication*
- Hannah D. Monsebroten Newfolden, Minnesota Health Communication
 - **Ashley R. Morman** Wishek, North Dakota *Health Communication*
 - Jacob S. Nelson Austin, Minnesota Management Communication
 - Macy A. Nelson Arthur, North Dakota Emergency Management
 - **Bryce A. Noonan** Lisbon, North Dakota *Criminal Justice*
 - Jarred J. Nygaard Fargo, North Dakota Criminal Justice
 - Eric D. O'Toole Fargo, North Dakota Criminal Justice
 - Kasie R. Padden Champlin, Minnesota Strategic Communication Psychology
 - **Samantha Poferl** Golden Valley, Minnesota *Emergency Management*

- **Connor W. Radebaugh** Fargo, North Dakota *Philosophy/Humanities*
- Chase B. Raeder Christine, North Dakota English
- Colten D. Rgnonti Otsego, Minnesota Criminal Justice
- Jacob W. Rued Minot, North Dakota
 Criminal Justice
 - **Skyler R. Sand** Jamestown, North Dakota *Criminal Justice*
 - **Leah F. Schmid** Spicer, Minnesota English
 - **Andrew J. Schmitt** Moorhead, Minnesota *Emergency Management*
 - Sara M. Schutz Sauk Rapids, Minnesota History
 - Public History
- Carrie Z. Schweyen Rochester, Minnesota Strategic Communication
- •• Elizabeth C. Smith Fargo, North Dakota Art
 - **Emily J. Steen** Rugby, North Dakota New Media and Web Design
 - Alex J. Stoks Porter, Minnesota
 Theatre Arts
 - Michaela R. Thompson Liberty, Missouri Management Communication
- ••• McKenzie K. Timms Bemidji, Minnesota Women and Gender Studies
 - David R. Todd Walcott, North Dakota Criminal Justice
 - **Michael D. Toohey** Chanhassen, Minnesota *Emergency Management*
- Taylor M. Vaughan Savage, Minnesota Health Communication
 - **Courtney M. Wahl** Farmington, Minnesota *Criminal Justice*
 - **Grant S. Wehlage** Brooklyn Park, Minnesota Strategic Communication
- Morgan E. Weiler Bismarck, North Dakota
 Management Communication
 - Martina F. Williams Fargo, North Dakota Health Communication
 - **Jonathan J. Wills** Fargo, North Dakota *History*
 - **Griffith W. Woodyard** Minnetonka, Minnesota *Criminal Justice*
 - Jeanne L. Woolwine Fargo, North Dakota Anthropology Philosophy/Humanities
 - Philosophy/Humanities
 - Cody J. Zikmund Aberdeen, South Dakota Emergency Management

BACHELOR OF SCIENCE IN ARCHITECTURE

Uuganbayar Buman-Uchral
 Ulaanbaatar, Mongolia

Jessica L. Mayo Fargo, North Dakota Christopher D. Meyer Hillsboro, North Dakota

COLLEGE OF

BUSINESS

Candidates will be presented by Dean Scott Beaulier and marshaled by Dr. Rajani Pillai and student marshal Talia Lucken

MASTER OF ACCOUNTANCY

- **William L. Carlson** Fargo, North Dakota B.S., North Dakota State University
- **Kevin J. Coffman** Wheaton, Minnesota B.S., North Dakota State University
- Matthew D. Delaney Horace, North Dakota B.S., North Dakota State University
- **Bryce S. Karel** Cavalier, North Dakota B.S., North Dakota State University
- **Zhiyao Zhang** Wuhan, China B.S., North Dakota State University

MASTER OF BUSINESS ADMINISTRATION

- **Muhammad Awais** Sahiwal, Pakistan *B.C.*, *University of the Punjab*
- Jason A. Gingerich Pennington Gap, Virginia B.S., North Dakota State University
- **Gaurav A. Patwardhan** Pune, India M.S., Ohio State University
 - M.S., Ohio State University B.S., University of Pune
- **Shannon Roehrich** Fargo, North Dakota B.S., Rose-Hulman Institute of Technology

BACHELOR OF SCIENCE

- ••• Alexa K. Andree Watertown, South Dakota Accounting
 - Laura L. Aukland Fargo, North Dakota Management
 - William J. Barker Mapleton, North Dakota Management
 - **Dixon C. Bauer** Velva, North Dakota *Management*
 - **Karen J. Bauer** Gettysburg, South Dakota
 - **Dallas M. Becker** Bismarck, North Dakota *Management*
 - Lucas W. Beneke Glencoe, Minnesota Management Information Systems
- ••• Raynor J. Blum Brainerd, Minnesota Business Administration
 - **Chelsea L. Bolgren** McGregor, Minnesota *Management*
 - **Tyler J. Bretz** Fargo, North Dakota *Finance*
 - **Kelsey L. Browne** Wadena, Minnesota *Management*
 - **Nickolas M. Bultman** Barnesville, Minnesota *Management*
 - **David M. Cadden** Eden Prairie, Minnesota *Marketing*
 - **Tanner M. Carlson** LaMoure, North Dakota *Business Administration*

- John P. Cegla Dilworth, Minnesota

 Management
- Mason J. Coudron Greenfield, Minnesota Management
- **Taylor W. Daniel** Bismarck, North Dakota *Marketing*
- Mickayla J. Dvorak West Fargo, North Dakota Accounting
- Zachary T. Feltman Grafton, North Dakota Management
 - James E. Fisher Bloomington, Minnesota Management
- •• Kathryn R. Fredrickson Coon Rapids, Minnesota
- ••• Nicole M. Freeberg Fargo, North Dakota Management
 - **Chelsey S. Gangl** Mandan, North Dakota *Management*
 - **Shane P. Gibbons** Alexandria, Minnesota *Marketing*
 - **Kyle D. Giermann** Casselton, North Dakota *Management*
- Adam M. Gustafson Minnetonka, Minnesota Business Administration
 - **Emily S. Hagemeister** Cathay, North Dakota *Finance*
 - **Amanda J. Hanson** Medina, Minnesota *Marketing*
 - **Kelsey A. Harris** Fridley, Minnesota *Marketing*
 - **Luke C. Hestdalen** Detroit Lakes, Minnesota *Management*
 - **Taylor A. Houn** Montgomery, Minnesota *Management Information Systems*
 - **Taylor J. Hovland** Bismarck, North Dakota *Accounting*
 - **Alexis B. Johnson** Chaska, Minnesota *Management*
 - **Lane G. Johnson** Fargo, North Dakota *Marketing*
 - **Lauren N. Johnson** Fargo, North Dakota Accounting
 - •Vanessa L. Jordre Detroit Lakes, Minnesota Management
 - **Keana N. Karnopp** West Fargo, North Dakota Business Administration
 - **Kayla J. Koehmstedt** Rugby, North Dakota Marketing
 - Matthew V. Koster Marshall, Minnesota
 Accounting
 - Ansu M. Kourouma Columbia Heights, Minnesota

 Accounting
 - **Jerren D. Larimer** Prineville, Oregon *Management*
 - **Reed G. Lawrence** Bloomington, Minnesota Management Information Systems

- **Jordan J. Leingang** Fargo, North Dakota Management Information Systems
- ••• Joshua M. Loomis Watertown, Minnesota Finance
 - **Ryan J. Maurer** Blaine, Minnesota *Accounting*
- •• Elise P. McCullough Olympia, Washington Management
- •• Elizabeth A. Meyer Rochester, Minnesota Accounting
- •• Carson R. Miller Wahpeton, North Dakota
 - **Dale G. Miller** St. Paul, Minnesota *Marketing*
 - Ryan J. Miller Strasburg, North Dakota Management
 - Michael R. Mooney St. Michael, Minnesota Management
 - **Courtney A. Murphy** Gwinner, North Dakota *Management*
 - **Joseph J. Olson** Plymouth, Minnesota *Accounting*
 - **Samuel D. Olson** Elk River, Minnesota *Marketing*
 - Logan P. Page Dickinson, North Dakota Management Information Systems
- ••• Ashley M. Peterson Annandale, Minnesota Finance
 - **Ethan S. Peterson** Fargo, North Dakota *Business Administration*
 - Nicholas A. Peterson Moorhead, Minnesota Finance
- •• Jared J. Richter Mora, Minnesota Accounting
 - **Anne E. Rohloff** Eagan, Minnesota *Marketing*
 - **Brent S. Schaff** Mandan, North Dakota *Marketing*

- **Jason L. Shealer** Fargo, North Dakota *Accounting*
- **Benjamin S. Skiple** Fargo, North Dakota *Accounting*
- **Jacob J. Skudlarek** Sartell, Minnesota *Management*
- **Brendan M. Smith** Elk River, Minnesota *Management*
- **Luke M. Stefani** Eagan, Minnesota *Management*
- Jasmine R. Stockert Beach, North Dakota Management
- **Dane M. Swecker** Fargo, North Dakota *Management*
- **Sean N. Terres** Cold Spring, Minnesota *Marketing*
- **Grant B. Tufto** Montevideo, Minnesota *Marketing*
- **Jonathan H. Walker** Shoreview, Minnesota *Accounting*
- **Benjamin S. Walz** Jamestown, North Dakota *Management*
 - **Connor P. Wells** Inver Grove Heights, Minnesota *Management Accounting*
 - **Benjamin R. Wenberg** Andover, Minnesota *Marketing*
 - **Dexter J. Werner** Bismarck, North Dakota *Marketing*
 - Marena J. Whittle Melbourne, Victoria, Australia Management
 - Maxwell L. Willard Buffalo, Minnesota Finance
- •• Michael M. Woodard Rogers, Minnesota

 Accounting

 Finance
 - **Michael D. Wulff** New Brighton, Minnesota *Finance*

COLLEGE OF ENGINEERING

Candidates will be presented by Dean Gary Smith and marshaled by Dr. Scott Pryor and Dr. Jongchul Song and student marshal Charles Olson.

DOCTOR OF PHILOSOPHY

Assad Abbas Electrical and Computer Engineering

Chakwal, Pakistan

B.S., University of the Punjab

M.S., University of Skovde

M.C.S., University of Arid Agriculture

"Cloud Based Recommendation Services for Healthcare"

Advisor: Dr. Samee Khan

Sajid M. Asif Electrical and Computer Engineering

Attock, Pakistan

B.S., University of Engineering and Technology

M.S., University of Bradford

"A Novel Batteryless Pacemaker: Design, Development, and In Vivo Study in an Ovine Model"

Advisor: Dr. Benjamin Braaten

Yinan Cui Electrical and Computer Engineering

Beijing, China

B.S., Beijing Institute of Technology

M.S., Illinois Institute of Technology

"Dynamic State Estimation-Assisted Power System Monitoring and Protection"

Advisor: Dr. Rajesh Kavasseri

Navaratnam Leelaruban Civil Engineering

Fargo, North Dakota

B.S., University of Peradeniya

M.S., North Dakota State University

"Spatio-Temporal Characteristics of Droughts and Their Impact on Agriculture and Water Resources"

Advisor: Dr. G. Padmanabhan

Joseph Membah Civil Engineering

Nyamira, Kenya

B.S., North Dakota State University

M.S., North Dakota State University

"Parametric Cost Estimating and Risk Analysis of Transportation Tunneling Projects"

Advisor: Dr. Eric Asa

Muhammad B. Qureshi Electrical and Computer Engineering

Abbottabad, Pakistan

B.S., Comsats Pakistan

M.S., Comsats Pakiston

"A Novel Idea to Improve Cardiac Output of Mechanical Circulatory Support Devices by Optimizing Kinetic Energy Transfer Available in Forward Moving Aortic Blood Flow"

Advisor: Dr. Daniel Ewert

Sayeed Z. Sajal Electrical and Computer Engineering Dhaka, Bangladesh

B.S., Bangladesh University of Engineering & Technology M.B.A., The East West University

M.S., North Dakota State University

"Graphene-Based Conformal Antenna Arrays" Advisor: Dr. Benjamin Braaten Fei Yan Civil Engineering

Jinan, China

B.S., Qingdao Technological University

M.S., Tongji University

"Bond Behavior and Durability Performance of Glass Fiber-Reinforced Polymer (GFRP) Bars in Concrete"

Advisor: Dr. Zhibin Lin

Zhiming Zhang Civil Engineering

Hengshui, China

B.S., Liaoning Technical University

M.S., Southwest Jiaotong University

"An Integrated System for Road Condition and Weigh-In-Motion Measurements Using In-Pavement Strain Sensors"

Advisor: Dr. Ying Huang

Hai Zhong Civil Engineering

Beijing, China

B.E., China University of Mining and Technology M.E., China University of Mining and Technology

"Dynamic Interaction of Vehicle and Bridge Subjected to Prestress Force Loss and Foundation Settlement"

Advisor: Dr. Mijia Yang

MASTER OF CONSTRUCTION MANAGEMENT

Moh'd Jawad Albakri Riyadh, Saudi Arabia

B.S., California State University-East Bay

Shannon E. Casebeer Manhattan, Kansas

B.S., Kansas State University

Nicholas A. Kukowski Moorhead, Minnesota B.S., University of Minnesota-Twin Cities

Michael R. McComas Del Rio, Texas

B.S., Wayland Baptist University

Christian Ocasio Fairfield, California

B.S., University of Puerto Rico

MASTER OF SCIENCE

Mojtaba Ahmadi Shiraz, Iran

Agricultural and Biosystems Engineering B.S., Shiraz University

Qusay A. Al-Kaseasbeh Grand Forks, North Dakota Civil Engineering

B.S., Mu'tah University

Rahul Banothu Hyderabad, India

Industrial Engineering and Management B.E., Chaitanya Bharathi Institute of Technology

Daniel J. Bergerson Moorhead, Minnesota

Civil Engineering

B.S., North Dakota State University

Sujal Bhattacharjee Dhaka, Bangladesh

Mechanical Engineering

B.S., Bangladesh University of Engineering and Technology

Brian J. Booth Bismarck, North Dakota Electrical and Computer Engineering B.S., North Dakota State University

Hannah D. Bye Cyrus, Minnesota Agricultural and Biosystems Engineering B.S., North Dakota State University

Leonard A. Chia Selangor, Malaysia Civil Engineering

B.S., North Dakota State University

Bonnie F. Cobb Omaha, Nebraska Agricultural and Biosystems Engineering B.S., University of Nebraska-Lincoln

Sumon Datta Fargo, North Dakota Agricultural and Biosystems Engineering B.S., Bangladesh Agricultural University

Paul F. Deutsch Fargo, North Dakota Civil Engineering

B.S., North Dakota State University

Buddika S. Godagama Pilimatalawa, Sri Lanka Civil Engineering

B.S., Minnesota State University-Mankato

Britt A. Helten Devils Lake, North Dakota Mechanical Engineering B.S., North Dakota State University

Babak Jahani Mashhad, Iran Mechanical Engineering B.S., Ferdowsi University of Mashhad

M.S., Sharif University of Technology Luke M. Novak Embarrass, Minnesota

Mechanical Engineering B.S., North Dakota State University

Seyed A. Pourbakhsh Karaj, Iran Electrical and Computer Engineering B.S., Sharif University of Technology

Avik Sarkar Kolkata, India Electrical and Computer Engineering B. Tech., Indian Institute of Technology

Manish A. Sawant Nasik, India Industrial Engineering and Management B.E., University of Pune

Luisa F. Torres Gramajo Guatemala, Guatemala Environmental Engineering B.S., North Dakota State University

Yanmei Xie Grand Forks, North Dakota Construction Management B.E., Shandong Jiatong University M.E., Southwest Jiatong University

BACHELOR OF SCIENCE IN AGRICULTURAL AND BIOSYSTEMS **ENGINEERING**

Coy H. Bata Langdon, North Dakota Daniel J. Bjertness Hickson, North Dakota Isaac A. Bower Mosinee, Wisconsin

•• Casey R. Duppong Glen Ullin, North Dakota Talon C. Mack Terry, Montana Bruce K. Schneider Kasson, Minnesota

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Sarah F. Aarthun Hudson, Wisconsin Tyler J. Baumchen International Falls, Minnesota William R. Bayuk Cokato, Minnesota Kevin G. Bohrman Lino Lakes, Minnesota

Erik L. Bratager Grand Forks, North Dakota James W. Bruestle Bemidji, Minnesota Alexander M. Bussaus Hopkins, Minnesota Heather R. Cunningham St. Louis Park, Minnesota

.. Kevin I. Doran Stanley, North Dakota

Miranda L. Etienne Sartell, Minnesota Darin E. Fellbaum Swanville, Minnesota Jacob T. Haro Verona, North Dakota Peter G. Henson Carrington, North Dakota Jared L. Kasper St. Michael, Minnesota

•• Matthew E. Lee Dilworth, Minnesota Corey A. McKinzie Beulah, North Dakota Gaven P. Motschenbacher Brainerd, Minnesota Dylan C. Musgjerd Kenyon, Minnesota Grant G. Parsons Fargo, North Dakota •Lincoln J. Regula West Fargo, North Dakota Jennifer L. Scheer Fessenden, North Dakota Trevor S. Sorensen Big Lake, Minnesota Cody P. Sylvester Ramsey, Minnesota Adam R. Tjaden St. Paul, Minnesota John M. Vinje Alexandria, Minnesota

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Zachary H. Dehning Brainerd, Minnesota Siddharth N. Desai Rochester, Minnesota Michael A. Helmers Mandan, North Dakota Jacob G. Johansen West Fargo, North Dakota

Scott T. Johnson Farmington, Minnesota
Parker L. Pavlicek Dickinson, North Dakota

•• Austin P. Wanner Hebron, North Dakota

••• Joshua R. Warren Cushing, Minnesota

BACHELOR OF SCIENCE IN CONSTRUCTION ENGINEERING

Samuel N. Honebrink Benson, Minnesota

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

Tyler L. Boyer Burnsville, Minnesota Jacob A. Jones Walker, Minnesota Jason P. Kirschenheiter Bismarck, North Dakota Patrick C. Mack Blaine, Minnesota Benjamin J. Pederson Hugo, Minnesota Jihao Shan Jinan, Shandong, China Kenneth R. Stulc Fargo, North Dakota Taylor R. Van Dyk Grogan Larimore, North Dakota Yixuan Zhu Jinan, Shandong, China

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Marcus A. Almanza Fargo, North Dakota Luke E. Anderson Wahpeton, North Dakota Godfried S. Asa-Attuah West Fargo, North Dakota Isaac I. Berge Fargo, North Dakota Cody J. Black Monticello, Minnesota Kasey T. Bossert Minot, North Dakota Tanner A. Burnett Williston, North Dakota Troy M. Dewey Bismarck, North Dakota Christopher J. Feigal Bloomington, Minnesota

Russell V. Hamilton Moorhead, Minnesota

- Alex M. Heinle Woodbury, Minnesota Tyler P. Holmvik Apple Valley, Minnesota
- ••• Jalen C. Johnson Hutchinson, Minnesota Michael T. Knute Shakopee, Minnesota Brandon J. Krabbenhoft Moorhead, Minnesota
- Eric Kubischta Dickinson, North Dakota Brandon J. Kuyava Fargo, North Dakota Joshua L. Lawman Loretto, Minnesota Patrick M. Lekatz Ely, Minnesota Devon L. Olson Minot, North Dakota Eric R. Olson Campbell, Minnesota Morgan E. Opp Fargo, North Dakota Anthony J. Sather Gary, Minnesota Bradley J. Schenck Hawley, Minnesota
- Zachary T. Schmidt Bismarck, North Dakota
- Jacob A. Shelley Orofino, Idaho
 Cody J. Skow Dent, Minnesota
 Zachary R. Solheim Bemidji, Minnesota
 Maxwell R. Wilhelmy Shoreview, Minnesota

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING AND MANAGEMENT

Christopher S. Berglund Hudson, Wisconsin Brandon A. Gates Bismarck, North Dakota Anders J. Hendrickson Golden Valley, Minnesota Daniel P. Johnson Shoreview, Minnesota Mohamed A. Nur Mogadishu, Banaadir, Somalia Ryan M. Weiss Bloomington, Minnesota

BACHELOR OF SCIENCE IN MANUFACTURING ENGINEERING

Adam C. Bell Wyndmere, North Dakota Austin J. Hunt Cambridge, Minnesota Ijjo J. Stephen Fargo, North Dakota Lucas R. Weihe Mankato, Minnesota

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

- Lucas L. Andring Bismarck, North Dakota Randy D. Ascher Monticello, Minnesota Ethan A. Bakken Staples, Minnesota
- ••• Sean D. Bartz Belle Plaine, Minnesota Katie A. Bird Bismarck, North Dakota
- •• Tyler J. Boelter Northfield, Minnesota
- •• Weston T. Bovitz Brooklyn Park, Minnesota Noa R. Brezinka Andover, Minnesota

- William C. Busching Williston, North Dakota Cole D. Cameron Lino Lakes, Minnesota Amanda K. Christianson Fargo, North Dakota David T. Dickey Battle Lakes, Minnesota
- Chiranthana Anudaththa Dissanayake
 St. Anthony Village, Minnesota
 Derek J. Dolan Litchfield, Minnesota
 Jesse D. Eastman Roseau, Minnesota
 Ryan D. Erickson Roseau, Minnesota
 Loren A. Farkas Otsego, Minnesota
- Danika L. Gieske Blaine, Minnesota
- Brandon J. Grabrick Ramsey, Minnesota Logan M. Hanson Thief River Falls, Minnesota Jack O. Harris Detroit Lakes, Minnesota Joel G. Hedlof Willmar, Minnesota Micah T. Hoard Butte, Montana Garrett A. Iverson Roseau, Minnesota
- Brandon L. Jacobson Elk River, Minnesota
- Scott M. Jaeger Circle Pines, Minnesota
- Kyle R. Lundeen Cokato, Minnesota
- Jeremy M. Markstrom Roseau, Minnesota
- ••• Felicia M. Marquez Rochester, Minnesota
- Anthony J. Martinez Fargo, North Dakota
 Patrick E. McEnaney Zimmerman, Minnesota
 Isaac G. Miranowski Fargo, North Dakota
- Justin L. Neisius Roseau, Minnesota
 Austin T. Nelson Ham Lake, Minnesota
 Russell J. Newman II Fargo, North Dakota
 Scott M. Noehring Lakeville, Minnesota
 John P. Otte Bloomington, Minnesota
- Chinmay A. Pathare Mumbai, India Andrew J. Prokopyk Bismarck, North Dakota
- Vomsheendhur Raju Chennai, Tamil Nadu, India
- •• Justin T. Roberson Bismarck, North Dakota Zachary L. Rummel Richardton, North Dakota Thomas L. Ryan Lakeville, Minnesota Justis A. Rydeen Clearbrook, Minnesota Kyle A. Schmitz Villard, Minnesota Jacob D. Schneeman Lakeville, Minnesota Patrick G. Simpson Huntsville, Texas Taylor T. Smith Lakeville, Minnesota Drew T. Spaulding Bismarck, North Dakota Duncan A. Swanson Moorhead, Minnesota Blake A. Thiesse Brainerd, Minnesota Brian T. VanderWoude Burnsville, Minnesota Alex G. Wagner Shoreview, Minnesota Nicholas S. Wallen Maple Grove, Minnesota
- Robert S. Wanous Brainerd, Minnesota
- ••• Jacob R. Weizenegger Nisswa, Minnesota
- •• Steven L. Zettel Vadnais Heights, Minnesota

COLLEGE OF HEALTH PROFESSIONS

Candidates will be presented by Dean Charles Peterson and marshaled by Dr. Abby Gold and student marshal Jaden Witt.

DOCTOR OF NURSING PRACTICE

Rayna M. Bergseth

Pelican Rapids, Minnesota

B.S.N., North Dakota State University

"Improving Resident Assistants' Knowledge About Eating Disorders on a College Campus"

Advisor: Dr. Tina Lundeen

Kayla L. Chesley

Enderlin, North Dakota

B.S., University of North Dakota

"Screening for Youth Depression in Primary Care" Advisor: Dr. Molly Secor-Turner

Ginger K. Warren

Boone, North Carolina

B.S.N., University of North Carolina-Charlotte

M.N., Montana State University

"Prescription Drug Abuse: Implementing an Evidence-Based Pain Management Protocol"

Advisor: Dr. Mykell Barnacle

DOCTOR OF PHILOSOPHY

Prajakta S. Kulkarni Pharmaceutical Sciences

Pune, India

B.Pharm., University of Pune

M.Pharm., University of Pune

"Design and Development of Tumor Microenvironment Responsive PEGylated Nanoparticles for Drug Delivery to Cancerous Solid Tumors"

Advisor: Dr. Sanku Mallik

MASTER OF PUBLIC HEALTH

Hafiz M. Aslam Bellevue, Washington M.B.B.S., Punjab University Pakistan

Keith C. Bennett Grand Forks, North Dakota B.S., North Dakota State University

Calie C. Craddock West Fargo, North Dakota B.S., North Dakota State University

Nathan T. Fix Jamestown, North Dakota B.S., North Dakota State University

Md. Raihan Kabir Khan Dhaka, Bangladesh M.B.B.S., University of Dhaka

Petra Reyna W. One Hawk FortYates, North Dakota B.S., University of North Dakota

Shari L. Renton Bismarck, North Dakota B.A., Minnesota State University-Moorhead

Eric A. Sondreal Fargo, North Dakota B.S., North Dakota State University

MASTER OF SCIENCE

Tuula E. Kallioniemi Mayry, Finland

Nursing

B.S., Manchester Metropolitan University

Jessica B. Linneman Bismarck, North Dakota

B.S.N., Viterbo University

BACHELOR OF SCIENCE

Hannan Y. Aboubaker Minneapolis, Minnesota *Respiratory Care*

Lucas J. DeGree Bismarck, North Dakota Respiratory Care

Mellina R. Hovorka Belle Plaine, Minnesota *Respiratory Care*

Klayton K. Johnson Rockford, Minnesota *Respiratory Care*

••• Danielle C. Koesterman West Fargo, North Dakota Respiratory Care

Kristie A. Mark West Fargo, North Dakota *Respiratory Care*

 Conner D. Muenkel Rochester, Minnesota Respiratory Care

 Hannah M. Peter Anoka, Minnesota Respiratory Care

Tessa M. Rector Mankato, Minnesota *Respiratory Care*

Mohammed W. Teshite Fargo, North Dakota *Pharmaceutical Sciences*

Mitchell J. Zastrow Long Prairie, Minnesota Respiratory Care

BACHELOR OF SCIENCE IN NURSING

Sarah L. Abbott Bismarck, North Dakota Darartu T. Abdi Minneapolis, Minnesota Hasan A. Abshir Bismarck, North Dakota

- Bryce J. Anderson Grand Forks, North Dakota
- Levi S. Barbao Manhattan, Montana
- ••• Anna L. Benke Chanhassen, Minnesota Brittany A. Berndt Velva, North Dakota
- Sabrina M. Boe West Fargo, North Dakota Tawney R. Breeden Ogilvie, Minnesota Rebecca S. Bruns Bismarck, North Dakota
- ••• Kayla N. Casteel Crosby, North Dakota
- Sohaila K. Dadelahi Bozeman, Montana Ashley N. Donley Salina, Kansas Nadezhda A. Dudyrev Bismarck, North Dakota Heather A. Glines Fargo, North Dakota Anika J. Grejtak Fargo, North Dakota Dawn M. Hager Garrison, North Dakota Jennifer M. Hall Hawley, Minnesota
- Rachel M. Hanson Mahnomen, Minnesota Susan M. Harles Lidgerwood, North Dakota Zachary M. Herrmann Bismarck, North Dakota

- Marlee J. Hurtt Hoople, North Dakota Kayli J. Johnson Mandan, North Dakota Jennifer A. Kessler Glen Ullin, North Dakota Stephany M. Kittleson Bottineau, North Dakota Whitney E. Kopp Bismarck, North Dakota Deanna M. Kukowski Princeton, Minnesota Jessica B. Kulish Killdeer, North Dakota Rachel C. Kunkel New Salem, North Dakota Taylor M. Larson Pierre, South Dakota
- ••• Trachelle J. Leach Fargo, North Dakota Keisha M. Lehde Bismarck, North Dakota
- ••• Kelly E. Lehrke Gibbon, Minnesota
- •• Christopher A. Loeppke Bismarck, North Dakota Brittany L. Maher Moorhead, Minnesota
- ••• Joshua K. Maliske Beulah, North Dakota Allyson M. Marthaler Breckenridge, Minnesota
- Shannon B. Matko Savage, Minnesota
 Stephanie L. Montgomery Rosemount, Minnesota Susan K. Mueller Moorhead, Minnesota Carly J. Nelson Jamestown, North Dakota Sarah D. Nygaard West Fargo, North Dakota Marijke E. O'Sullivan Richfield, Minnesota Brittany M. Peterson Mandan, North Dakota Jacy L. Peterson McClusky, North Dakota Joan M. Quam Argusville, North Dakota Kylie M. Sauter Bismarck, North Dakota Tonya L. Schiele Minot, North Dakota
- Devyn G. Schmidt Bismarck, North Dakota
- Lauren E. Sneddon Bismarck North Dakota
- Taylor J. Stute Bismarck, North Dakota
- ••• Jessica D. Taillefer Fort Frances, Ontario, Canada
- •• Elizabeth N. Wickenheiser Bismarck, North Dakota

COLLEGE OF

HUMAN DEVELOPMENT AND EDUCATION

Candidates will be presented by Dean Margaret Fitzgerald and marshaled by Dr. Stacy Duffield and student marshal Miranda Abrahamson.

DOCTOR OF EDUCATION

Paul A. Christianson

Pelican Rapids, Minnesota B.S., North Dakota State University M.S., North Dakota State University "Three Article Dissertation (Multiple Titles)" Advisor: Dr. Brent Hill

DOCTOR OF PHILOSOPHY

Kory L. Boehmer Education

Devils Lake, North Dakota B.S., University of North Dakota M.S., University of North Dakota "Effective Learning of Acid and Base Concepts Through Pictorial Representation Assessments, Particulate Nature of Matter Emphasis and Chemistry Textbook Representations"

Advisor: Dr. Claudette Peterson Alison L. Brennan Developmental Science

Jamestown, North Dakota B.A., Concordia College

M.S., North Dakota State University

"Media Use, Body Image and Sexual Satisfaction in Emerging Adults"

Advisor: Dr. Elizabeth Blodgett Salafia

Jeremy Frost Health, Nutrition and Exercise Science St. Cloud, Minnesota

B.A.A., University of Minnesota-Duluth M.S., St. Cloud State University "Effects of a Sit-Stand Desk Intervention in a College Class"

Advisor: Dr. Donna Terbizan

Barbara Hutchison Human Development

Fargo, North Dakota B.A., Rollins College

M.S., University of North Carolina-Wilmington "The Role of Music Among Healthy Older Performance Musicians"

Advisor: Dr. Ardith R. Brunt

Rebecca J. Ntivu-Bisimwa Education

Fargo, North Dakota

B.S., Minnesota State University-Moorhead M.B.A., North Dakota State University "A Look at Women Within the Technology Work-

place: Alice's TM Story, Down the Rabbit Hole, and Playing Croquet with the Red Queen"

Advisor: Dr. Nate Wood

Michele M. Reid Education

Fargo, North Dakota

B.A., University of Central Florida

M.A., Rutgers University

M.A., University of South Florida

"The Boundaries of Social Entrepreneurship in Higher Education: A New Framework"

Advisor: Dr. Nathan Wood

Karla V. Thoennes Education

Fargo, North Dakota

B.S., North Dakota State University

M.S., Mankato State University

"Assessment Disposition: Qualities and Strategies for Development in Student-Affairs Professionals" Advisor: Dr. Chris Ray

Dina Y. Zavala-Petherbridge Education

Fargo, North Dakota

B.S., Saint Mary's University-Minneapolis

M.A., University of Wisconsin-River Falls

"Re/Braiding Catrachaness: The Testimonios of Subversive Voices"

Advisor: Dr. Nathan Wood

MASTER OF EDUCATION

Craig A. Askim Beulah, North Dakota

Agricultural Education

B.S., North Dakota State University

Barbarah J. Back Rapid City, South Dakota Education

B.S., North Dakota State University

Michael D. Bergstrom Ray, North Dakota

Educational Leadership

B.S., Minot State University

Amanda M. Bosman Grand Forks, North Dakota

B.A., Minnesota State University-Moorhead

David G. Breitbach Fargo, North Dakota Education

B.S., North Dakota State University

Darren L. Carter Aberdeen, South Dakota

B.S., North Dakota State University

M.S., North Dakota State University

Anna Chock Solway, Minnesota

Counseling

B.S., Bemidji State University

John W. Christianson West Fargo, North Dakota

B.S., North Dakota State University

Courtney L. Crane Lakota, North Dakota Education

B.S., University of North Dakota

Eric J. Dick Minot, North Dakota

Educational Leadership

B.S., Minnesota State University-Moorhead

Kelsey L. Filpula Middle River, Minnesota Education

B.A., North Dakota State University

Rebecca J. Hunter Cavalier, North Dakota

Family and Consumer Sciences Education B.A., Concordia University

Kayla M. Koth Bismarck, North Dakota

Family and Consumer Sciences Education B.S., North Dakota State University

- Amy T. Petersen Roseau, Minnesota
 - Educational Leadership
 - B.S., North Dakota State University
 - B.S., Valley City State University
- **Alana F. Tempest-Mitchell** West Fargo, North Dakota *Education*
 - B.A., University of Colorado-Boulder M.A., Edinburgh Napier University

MASTER OF SCIENCE

- **Heather A. Bates** Elbow Lake, Minnesota *Advanced Athletic Training*
 - B.A., St. Cloud State University
- **Tyler D. Beckman** Carrington, North Dakota Health, Nutrition and Exercise Science B.S., University of North Dakota
- **Jessica G. Bryan** Madison, Wisconsin *Dietetics*
 - B.S., Pennsylvania State University
- Nicole A. Byrd Oxford, Ohio
 - Merchandising
 - B.G.S., Youngstown State University
- **Andrew R. Carlson** Thompson, North Dakota *Advanced Athletic Training*
 - B.S., University of North Dakota
- Simone L. Dorsey Pomona, California Human Development and Family Science B.S., Kansas State University
- Alycia M. Evenocheck Rogers, Minnesota Health, Nutrition and Exercise Science B.S., North Dakota State University
- Susan A. Feist Fargo, North Dakota Human Development and Family Science B.S.E., Minot State University
- **Victoria W. Frank** Youngstown, Ohio *Merchandising*
 - B.A., Saint Mary's College
- Maren J. Furuseth Williston, North Dakota Human Development and Family Science B.A., Concordia College
- Rebekah J. Haddad Watertown, Minnesota Agricultural Education B.S., University of Wisconsin-Platteville
- Jesse A. Lunsford Lakewood, Colorado
- Dietetics
 - B.A., Colorado State University
- Jonathan C. Pavlicek Linton, North Dakota Health, Nutrition and Exercise Science B.S., North Dakota State University
- Nicklaus A. Redenius Fargo, North Dakota Health, Nutrition and Exercise Science B.A., Concordia College
- Henry R. Ruud Twin Valley, Minnesota Health, Nutrition and Exercise Science B.S., North Dakota State University
- Samuel P. Thielen Wheaton, Minnesota Health, Nutrition and Exercise Science B.S., Mayville State University
- **Kathryn L. Van Dyke** Bismarck, North Dakota Human Development and Family Science B.S., Valley City State University

BACHELOR OF SCIENCE

Zainab B. Adelekan Fargo, North Dakota Human Development and Family Science

- **Jerrica S. Anheluk** Belfield, North Dakota Family and Consumer Science Education
- **Amanda S. Anseeuw** Canby, Minnesota *Human Development and Family Science*
- **Amy E. Backus** North Branch, Minnesota Human Development and Family Science
 - Madeline R. Bajczyk Breezy Point, Minnesota Apparel, Retail Merchandising and Design
 - **Heidi A. Barnick** Cando, North Dakota *Agricultural Education*
 - **Quinn M. Baumann** Fargo, North Dakota Exercise Science
 - **Leanne J. Beechie** Mandan, North Dakota *Dietetics*
 - Human Development and Family Sciences
 - **Kaitlin F. Bruun** Gilbert, Minnesota Dietetics
 - **Brittney A. Bublitz** Williston, North Dakota Apparel, Retail Merchandising and Design
 - **Anita D. Caldwell** Scranton, North Dakota Apparel, Retail Merchandising and Design
- ••• Jessica L. Carlson Fosston, Minnesota Human Development and Family Science
 - **Nicholas K. Carlson** Fargo, North Dakota Sport Management
 - Erika V. Carrillo Polo Thief River Falls, Minnesota Hospitality and Tourism Management
 - Gabrielle R. Chase West Fargo, North Dakota Apparel, Retail Merchandising and Design
 - **Chantel M. Cummings** Fargo, North Dakota *Apparel, Retail Merchandising and Design*
 - Addison R. Czeck Anoka, Minnesota Physical Education Health Education
 - **Chana L. Delzer** Fargo, North Dakota *Apparel, Retail Merchandising and Design*
 - Jodi A. Dixon Long Prairie, Minnesota Human Development and Family Science
 - **Kelly W. Engquist** Herman, Minnesota Sport Management
 - Natalie S. Fenske Woodbury, Minnesota Exercise Science
 - **Derek H. Finneseth** Fargo, North Dakota *Spanish Education*
- Sally T. Fischer Fargo, North Dakota Apparel, Retail Merchandising and Design
 - **Taylor B. Fisher** West Fargo, North Dakota *Human Development and Family Science*
 - **Jaxon D. Fitterer** Bismarck, North Dakota *Social Science Education*
- Gabrielle K. Fredman Milaca, Minnesota Hospitality and Tourism Management
 - **Jennifer M. Gerten** Farmington, Minnesota *Human Development and Family Science*
 - **Crissa M. Grabar** Fargo, North Dakota *Hospitality and Tourism Management*
 - **Ashley M. Hallberg** Forest Lake, Minnesota Human Development and Family Science
 - Nicole R. Hanson Elk River, Minnesota Human Development and Family Science
 - **Sarah A. Hanson** St. Francis, Minnesota *Human Development and Family Science*
 - **Hayley L. Haugen** Benson, Minnesota *Human Development and Family Science*
 - Amanda R. Hurtley Forest Lake, Minnesota Human Development and Family Science
 - **Ashley M. Isaacson** Jacksonville, Florida Human Development and Family Science

- **Scott E. Jezusko** Hankinson, North Dakota *Mathematics Education*
- **Gregory Justak** Plymouth, Minnesota Social Science Education
- **Jordan A. Kent** Fargo, North Dakota *Hospitality and Tourism Management*
- Melissa M. Kitching Winnipeg, Manitoba, Canada Physical Education Health Education
- Timarra L. Klingenstein New Salem, North Dakota

Physical Education

Human Development and Family Sciences

- Rachel D. Kranda West Fargo, North Dakota Human Development and Family Science
- Stephanie J. Krapp Jamestown, North Dakota
 Human Development and Family Science
- Abby D. Krusemark Elbow Lake, Minnesota Apparel, Retail Merchandising and Design
- •• Nathan W. Kurtti Hazen, North Dakota English Education
 - **Justin J. Leary** South St. Paul, Minnesota *Human Development and Family Science*
 - **Justin C. Ledger** Bismarck, North Dakota *Physical Education Health Education*
- **Hua Li** Fargo, North Dakota Hospitality and Tourism Management
- Kylie M. Lindell Fargo, North Dakota
 Human Development and Family Science
 Ketalia C. Magnet Williams North Development
 - **Katalin C. Magyar** Williston, North Dakota *Dietetics*
- Megan J. Matejcek Wahpeton, North Dakota Social Science Education
- •• Lindsey J. McMillan Duluth, Minnesota Hospitality and Tourism Management
 - **Kyle A. Middendorf** Long Prairie, Minnesota *Agricultural Education*
 - **Cole M. Milberger** Savage, Minnesota *Sport Management*
 - **Ashley L. Miller** Los Lunas, New Mexico *Agricultural Education*
 - Jared C. Mol Maple Grove, Minnesota Physical Education Health Education
 - **Alexandra M. Molumby** Fridley, Minnesota *Human Development and Family Science*
 - **Logan R. Moreland** Woodland, California Human Development and Family Science
 - **Laura C. Morken** Walcott, North Dakota *Agricultural Education*
 - **Amanda R. Moser** Morris, Minnesota Apparel, Retail Merchandising and Design
 - **Kyle D. Mueller** Fargo, North Dakota *Physics Education*
- ••• Alexis M. Munson Kenmare, North Dakota Human Development and Family Science
 - Gavin J. Myers Dickinson, North Dakota Hospitality and Tourism Management
 - Zachary C. Nersten Fergus Falls, Minnesota Biological Sciences Education
- Sarah M. Odalen Mendota Heights, Minnesota Human Development and Family Science
 - **Taylor R. O'Dell** Andover, Minnesota Human Development and Family Science
- Rebecca A. Opp Glen Ullin, North Dakota *English Education*

- Morgan L. Ostendorf Melrose, Minnesota Apparel, Retail Merchandising and Design
- Thaddaeus C. Owen Gackle, North Dakota
 Physical Education
 Health Education
 - **Demetra Papagiannopoulos** Fargo, North Dakota
 - Apparel, Retail Merchandising and Design
 - **Jacquelyn K. Pearson** Andover, Minnesota *Social Science Education*
 - **Jazmyne N. Reinke** Fargo, North Dakota English Education
 - **Samantha B. Root** Shakopee, Minnesota *Sport Management*
- Sierra J. Rosenau Carrington, North Dakota Human Development and Family Science
 - **Kallie M. Schmit** Plymouth, Minnesota *Exercise Science*
 - Samantha J. Schneider Morris, Minnesota Social Science Education History
- Lindsey J. Simenson Fargo, North Dakota History Education Social Science Education
 - **Jordan D. Stamman** Andover, Minnesota *Dietetics*
 - **Trista L. Stock** Morris, Minnesota Hospitality and Tourism Management
 - Morgan R. Stokke Thief River Falls, Minnesota Human Development and Family Science
 - Casey N. Taylor Fargo, North Dakota Sport Management
 - Courtney R. Thoennes Alexandria, Minnesota Hospitality and Tourism Management
- Sarah C. Thomason Chaska, Minnesota Human Development and Family Science
 - **Taylor J. Thompson** Bismarck, North Dakota Human Development and Family Science
 - Hannah E. Torgerson Minot, North Dakota
 Hospitality and Tourism Management
 - **Shelby M. Treider** Williston, North Dakota Human Development and Family Science
 - **Robert P. Trewin** Ramsey, Minnesota *Physical Education*
 - **Stephanie J. Tweten** Ulen, Minnesota Apparel, Retail Merchandising and Design
 - **Sydnee N. Vacura** Mandan, North Dakota *Human Development and Family Science*
 - Lauren S. Veldman Becker, Minnesota Apparel, Retail Merchandising and Design
 - **Erica L. Volk** Fargo, North Dakota Human Development and Family Science
 - **Emily C. Vrchota** Edina, Minnesota Human Development and Family Science
- Emma C. Weber Dawson, Minnesota Hospitality and Tourism Management
 - **Erin L. Weiser** New Hope, Minnesota *Human Development and Family Science*
 - **Cody J. Wikstrom** Karlstad, Minnesota Sport Management
 - **Aaron J. Wilson** Savage, Minnesota Sport Management
 - **Xiaozheng Yang** Hainan, China Human Development and Family Science
- Cassidy L. Ziesch Pettibone, North Dakota Agricultural Education
 - **Hayden N. Zillmer** Crosby, North Dakota *Physical Education*

COLLEGE OF

SCIENCE AND MATHEMATICS

Candidates to be presented by Dean Scott Wood and marshaled by Dr. Bernie Saini-Eidukat and student marshal Kally Kvidera.

DOCTOR OF PHILOSOPHY

Jeffrey R. Anderson Software Engineering

Harwood, North Dakota

B.S., North Dakota State University

M.B.A., North Dakota State University

M.S.E., North Dakota State University

"Understanding Contextual Factors in Regression Testing Techniques"

Advisor: Dr. Hyunsook Do

Talukdar Asgar Software Engineering

Lebanon, New Hampshire

B.S., Dhaka University

M.S., Dhaka University

M.S., Texas A&M University-Commerce

"Towards Better Engineering of Enterprise

Resource Planning Systems"

Advisor: Dr. Kenneth Magel

Kimberly K. Booth Zoology

Fargo, North Dakota

B.S., North Dakota State University

"Developmental Effects on Immunity: Hormonal and Proteinase Control"

Advisor: Dr. Kendra Greenlee

Naveen Dandu Chemistry

Fargo, North Dakota

B.S., Loyola Academy

M.S., University of Hyderabad

M.S., North Dakota State University

"Effect of Surface Ligands and Their Defects on the Electronic and Optical Properties of

Quantum Dots"

Advisor: Dr. Svetlana Kilina

Pranav Dass Computer Science

Delhi, India

B. Tech., Guru Gobind Singh Indraprastha University

M.S., North Dakota State University

"Analyses of People's Perceptions Toward Risks in Genetically Modified Organisms"

Advisor: Dr. Kendall E. Nygard

Deepak Dawar Computer Science

Panipat, India

B. Tech, Kurukshetra University

M.S., North Dakota State University

"Adaptive Differential Evolution and ITS Application to Machine Vision"

Advisor: Dr. Simone Ludwig

Lauren A. Dennhardt Botany

West Fargo, North Dakota

B.A., University of Minnesota - Morris

"Evidence of Climate Change Facilitated Range Expansion in an Invasive Species: The History of Invasion, Population Genetics, Competitive Effect, and Long-Term Trends of Poa Pratensis L. in the Northern Great Plains"

Advisor: Dr. Steven Travers

Teluka P. Galhenage Coatings and Polymeric Materials

Nugegoda, Sri Lanka

B.S., North Dakota State University

"Surface Optimization of Siloxane-Polyurethane Marine Coatings for Improved Fouling-Release Properties"

Advisor: Dr. Dean C. Webster

Charitha S. Hettiarachchi Software Engineering

Maryville, Missouri

B.S., Sabaragamuwa University of Sri Lanka

M.S., St. Cloud State University

"Systematic Approaches to Improve Test Case Prioritization Using Requirements and Risks"

Advisor: Dr. Hyunsook Do

Akila Iyer Chemistry

Delhi, India

B.S., Ramjas College

M.S., Ramjas College

"Visible Light Mediated Photocatalysis of N-N Bond Based Compounds"

Advisor: Dr. Jayaraman Sivaguru

Adlina Paramarta Coatings and Polymeric Materials

Boyolali, Indonesia

B.S., North Dakota State University

"High Performance Materials From Epoxidized Sucrose Soyate"

Advisor: Dr. Dean Webster

Elizabeth K. Sattler Mathematics

Detroit Lakes, Minnesota

B.S., North Dakota State University

"Subfractals Induced by Subshifts"

Advisor: Dr. Dogan Comez

Minfei Su Biochemistry

New York, New York

B.S., Nanjing Agricultural University

M.S., Nanjing University

"Structural Studies of the Mechanism by which BCL-2 and Beclin Proteins Regulate Autophagy and Apoptosis"

Advisor: Dr. Sangita Sinha

Junru Yu Biochemistry

Chuzhou, China

B.S., Shaanxi Normal University

"Ligand Binding and Catalysis in Selected Sirtuin Isozymes"

Advisor: Dr. D.K. Srivastava

MASTER OF SCIENCE

Sadhana Badu Hyderabad, India

Computer Science

B.E., Osmania University

Margaret T. Brady Sabin, Minnesota

Zoolog

B.S., University of Michigan-Ann Arbor

Honggang Bu Fargo, North Dakota

Computer Science

B.E., Donghua University

M.S., North Dakota State University

Ramneet S. Chhina Delhi, India

Software Engineering

B.S., North Dakota State University

Peyman Emamian Foster City, California

Computer Science

B.S., Amirkabir University of Technology

James S. Froberg White Bear Township, Minnesota Physics

B.A., University of Minnesota-Morris

Shishir S. Hegde Bangalore, India

Software Engineering

B.E., Visveswaraiah Technological University

Andrew J. Heinz Fargo, North Dakota

Psychology

B.S., University of Iowa

Bonnie L. Jan Fargo, North Dakota

Software Engineering

B.S., Iowa State University

Kishlay Jha Birgunj, Nepal

Computer Science

B.E., Kathmandu University

Eric S. Jones Moorhead, Minnesota

Applied Statistics

B.S., North Dakota State University

Deepak Kolte Minneapolis, Minnesota

Computer Science

B.E., Shri Govindram Seksaria Institute of Technology and Science

Shuhang Li Hangzhou, China

Computer Science

B.S., University of Minnesota-Crookston

Xin Li Fargo, North Dakota

Computer Science

B.S., Guilin University of Electronic Technology

M.S., East China University of Science and Technology

Kavitha Manjunath Bangalore, India

Software Engineering

B.E., Dayananda Sagar College of Engineering

Divya Muttineni Jaggayyapet, India

Computer Science

B. Tech., Jawaharlal Nehru Technological University

Anusha Myneedi Guntur, India

Computer Science

B.E., K L University

Sravan R. Narra Kakuturivaripalem, India

Computer Science

B. Tech., SRM University

Aditya Nuthalapati Guntur, India

Computer Science

B. Tech., Jawaharlal Nehru Technological University

Sri Lalitha Nuthulapati Machilipatnam, India

Software Engineering

B.S., Andhra University

M.C.A., Jawaharlal Nehru Technological University

Chengxiang Qiu Fargo, North Dakota

Software Engineering

B.S., Northeast Normal University

M.S., Shanghai Jiao Tong University

Ph.D., Shanghai Jiao Tong University

Bassam M. Qormosh Fargo, North Dakota

Computer Science

B.S., Islamic University of Gaza

Arighna Roy Kolkata, India

Computer Science

B.S., Institute of Engineering and Management

Judi L. Simley Mooreton, North Dakota

Software Engineering

B.S., North Dakota State University

Ashish K. Singh Allahabad, India

Software Engineering

B.S., Allahabad Institute of Technology

Dinesh Singh Fargo, North Dakota

Computer Science

B.S., Panjab University

Rajat Singh Lucknow, India

Computer Science

B. Tech., Uttar Pradesh Technical University

Sara L. Solhjem Moorhead, Minnesota

Mathematics

B.A., Concordia College

M.A., Hamline University

Gaurav Soni Bloomington, Indiana

Computer Science

B.E., Rajeev Gandhi Prodyogiki Vishwavidyalaya

Rajesh Subramaniam Perintalmanna, India

Computer Science

B.S., Mahatma Gandhi University

M.B.A., Metropolitan State University

M.S., Cochin University of Science and Technology

Ph.D., North Dakota State University

Kristen M. Tomanek Fargo, North Dakota

Applied Statistics

B.S., North Dakota State University

Snnahill Tripathi Minneapolis, Minnesota

Software Engineering

B.S., North Dakota State University

Timothy J. Twohig St. Cloud, Wisconsin

Physics

B.S., University of Wisconsin-Stevens Point

Cedar C. Walters Underwood, Minnesota *Biology*

B.A., University of Minnesota-Twin Cities

Eshita Zaman Rajbari, Bangladesh

Computer Science

B.S., Bangladesh University of Engineering and Technology

Deling Zhang Dilworth, Minnesota

Applied Statistics

B.A., Concordia College

Xiaoguang Zhang Fargo, North Dakota

Chemistry

B.S., Qingdao Agricultural University

Yun Zhou Jiaxing, China

Applied Statistics

B.S., University of Minnesota-Crookston

MASTER OF SOFTWARE ENGINEERING

Nancy M. Bischoff Watford City, North Dakota

B.S., North Dakota State University

Nivas Buvaneswaran Fargo, North Dakota

B. Tech., Achariya College of Engineering and Technology -Puducherry

Honora Day Columbus, Ohio

B.A., Ashworth College

Andrew B. Jones Fargo, North Dakota

B.S., North Dakota State University

Svetlana Komarovsky Plano, Texas B.S., Tel Aviv University

M.S., Aspen University

- **Eric J. Nimmo** Bismarck, North Dakota *B.S., University of Mary*
- **Harrington N. Ricks** Novi, Michigan B.S., Mankato State University
- Andrey Vasilyev West Fargo, North Dakota B.S., Baikal State University of Economics and Law B.S., Minnesota State University-Moorhead

BACHELOR OF ARTS

- **Brody S. Herrmann** Watertown, Minnesota *Computer Science*
- Samuel L. Savidge Williston, North Dakota Computer Science International Studies
- **Andrew J. Throndset** Lincoln, North Dakota Computer Science

BACHELOR OF SCIENCE

- **Nimish Abrol** Fargo, North Dakota *Computer Science*
- Fidan Aliyeva Fargo, North Dakota Biochemistry and Molecular Biology
- Katherine M. Anderson Nevis, Minnesota Zoology
 - **Katie M. Anderson** Hillsboro, North Dakota *Psychology*
 - **Markelle D. Axtman** Rolette, North Dakota *Psychology*
 - Adrianna E. Behymer Stillwater, Minnesota Zoology
 - Jackson R. Benda Rockville, Minnesota Chemistry
 - **Franklin J. Berg** Lake Elmo, Minnesota *Psychology*
 - Joshua R. Bernier Becker, Minnesota Chemistry
- Cole W. Bishop West Fargo, North Dakota
 Statistics
 Music
 - Elisabeth K. Brekke Detroit Lakes, Minnesota Zoology
 - **Adam M. Brewer** Moorhead, Minnesota *Computer Science*
 - **Robbie Brink** Isle, Minnesota Zoology
 - **Kevin R. Buth** Moorhead, Minnesota Statistics
 - **Travis Christensen** Lakeville, Minnesota *Computer Science*
 - **Jordan A. Christiansen** Rosemount, Minnesota Computer Science
 - Kari G. Claussen Pine Island, Minnesota Zoology
- •• Anne E. Davis Grand Forks, North Dakota Zoology
 - **Brianna K. DeFoe** Fargo, North Dakota *Chemistry*
 - **Tessa L. Delzer** Bismarck, North Dakota *Psychology*
 - Casey J. DeVries Hamilton, Ohio Zoology
- Adam M. Dirks Baxter, Minnesota Computer Science
 - **Jordan S. Dockter** Sioux Falls, South Dakota *Zoology*

- Cherie L. Dowell Fargo, North Dakota Zoology
 - **Sydney A. Einarson** Adams, North Dakota *Psychology*
- ••• Zacharie D. Finneman Dickinson, North Dakota Zoology
 - Marie C. Freije Mandan, North Dakota Psychology
- Joseph G. Fritz Coon Rapids, Minnesota Computer Science
- Hannah M. Ganskop Fargo, North Dakota Psychology
 - **Jaron T. Ginkel** Eden Prairie, Minnesota *Computer Science*
 - **Alissa M. Gordon** Russell, Minnesota *Psychology*
 - **Brandon J. Gorski** Chisago City, Minnesota Statistics
 - **Austin W. Harles** Fargo, North Dakota *Psychology*
- Morgan A. Hausauer West Fargo, North Dakota Psychology Strategic Communication
 - James A. Henderson Grand Forks, North Dakota Computer Science
- Michael H. Hodny Thief River Falls, Minnesota Chemistry
- •• **Brooke L. Honek** Dilworth, Minnesota *Psychology*
 - **Beth A. Honeyman** Dickinson, North Dakota *Biological Sciences*
 - **Wendy M. Jardon** Moorhead, Minnesota Behavioral Statistics Psychology
 - **Kyanna M. Johnson** Riverton, Minnesota *Zoology*
 - Dane C. Johnston West Fargo, North Dakota Mathematics Statistics
 - **Brian Kaeter** Shoreville, Minnesota *Geology*
 - **Timothy J. Karels** Howard Lake, Minnesota *Psychology*
 - **Aaron P. Kelter** Fargo, North Dakota Computer Science
- Tania M. Kibble Montevideo, Minnesota Zoology
 - Michael J. Kleinsasser Bismarck, North Dakota Mathematics
- Eric Kubischta Dickinson, North Dakota Mathematics
 - **Tyler S. Kuehn** Fargo, North Dakota *Geology*
- ••• Gerald C. Kulish Killdeer, North Dakota Biochemistry and Molecular Biology
- **Brett S. Kvam** Maple Lake, Minnesota Zoology
 - **Jenna M. Lamb** Detroit Lakes, Minnesota *Psychology*
 - **Ryan D. Lauer** Lakeville, Minnesota *Computer Science*
 - **Timothy R. Lenzmeier** West Fargo, North Dakota *Zoology*
 - Omaniwi Luger Bismarck, North Dakota Zoology
 - **Amanda T. Marinucci** West Fargo, North Dakota *Psychology*

- •Tracey L. Matheny Park Rapids, Minnesota Zoology
- **Brooke L. McCullough** Wyoming, Minnesota *Psychology*
- **Kevin R. McKenzie** Emerado, North Dakota *Geology*
 - Biological Sciences
- **Samantha J. Meyer** Clearwater, Minnesota *Psychology*
- ••• Luying Min Nanchang, Jiangxi, China Statistics
 - **Jonathan J. Moses** Northfield, Minnesota *Biological Sciences*
- •• Emily M. Naylor Moorhead, Minnesota Mathematics
 - **Benjamin W. Nelson** Fargo, North Dakota *Zoology*
 - **Kim D. Ngo** Des Plaines, Illinois *Chemistry*
 - **Alexander N. Nilles** Fargo, North Dakota *Computer Science*
- ••• Joseph M. Osborne Fargo, North Dakota Computer Science
- •• Jordan P. Pansch Harwood, North Dakota Computer Science
 - **Danielle R. Paulson** Grand Forks, North Dakota *Zoology*
- •• Parker L. Pavlicek Dickinson, North Dakota Mathematics
 - **Benjamin J. Pioske** Waconia, Minnesota *Psychology*
 - **Luke W. Rable** White Bear Lake, Minnesota *Biological Sciences*
 - Rachel J. Ries Bismarck, North Dakota Zoology
- Michaela B. Rocheleau Pierz, Minnesota Psychology
 - **Thomas J. Sczepanski Jr.** Rochester, Minnesota *Biotechnology*

- **Franklin S. Slaby** Moorhead, Minnesota *Computer Science*
- **Kayla A. Smith** Rosemount, Minnesota *Psychology*
- **Matthew C. Songle** Eden Prairie, Minnesota *Psychology*
- •• Marissa M. Spear Horace, North Dakota Biological Sciences
 - **Blake E. Stroia** Little Falls, Minnesota *Zoology*
 - **Tanzim Tabassum** Fargo, North Dakota *Biological Sciences*
 - **Sean A. Ternes** Bismarck, North Dakota *Geology*
 - **Tiara L. Tesarek** Badger, Minnesota *Zoology*
 - Christopher J. Thibert Moorhead, Minnesota

 Mathematics

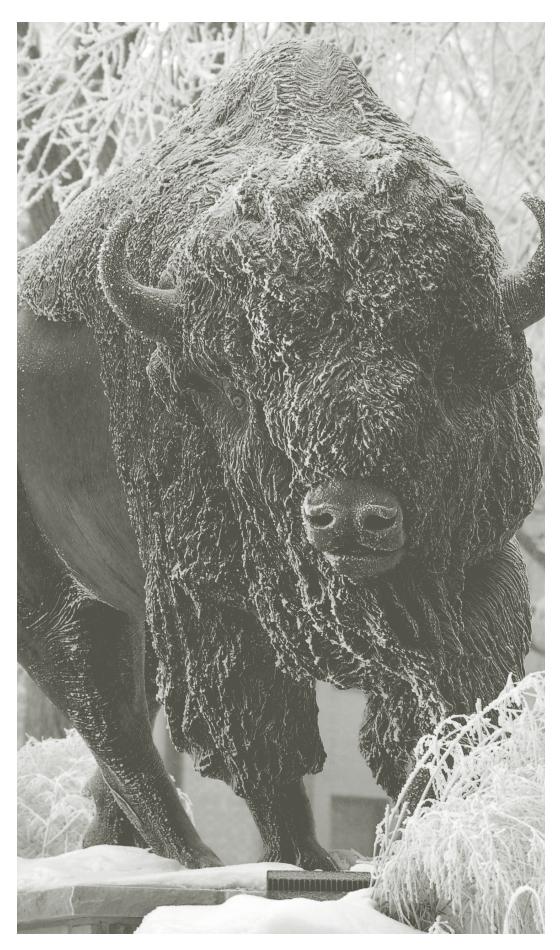
 Economics
- ••• Lexie L. Unhjem Crosby, North Dakota Psychology
 - **Andrew J. Van Sickle** Stevensville, Montana *Geology*
- •• **Jenna K. Vergeldt** International Falls, Minnesota Zoology
 - **Alyssa J. Voelker** Columbia Heights, Minnesota *Biochemistry and Molecular Biology*
 - Veronica K. Waite Little Canada, Minnesota Mathematics
 - **Jonathan M. Walker** Braddock, North Dakota Computer Science
 - **Sean A. Warne** Park Rapids, Minnesota Computer Science
 - **Mikaila V. Wax** Bismarck, North Dakota *Psychology*
- Morgan L. Wilburn Big Lake, Minnesota Zoology

COLLEGE OF UNIVERSITY STUDIES

Candidates will be presented by Associate Dean Carolyn Schnell and marshaled by Jessica Bauer and student marshal Danielle Lindner.

BACHELOR OF UNIVERSITY STUDIES

Eliot J. Axvig Bismarck, North Dakota Loren T. Boots Bismarck, North Dakota Grant J. Caster Mankato, Minnesota King M. Frazier Greenwood, Missouri Adam D. Kankelfritz Fargo, North Dakota Danielle L. Lindner Mizpah, Minnesota Logan D. Macrae Northfield, Minnesota
Christopher W. Olson Devils Lake, North Dakota
Ronnie R. Olson Sisseton, South Dakota
Amelia A. Pirkl Baudette, Minnesota
Jodi L. Sauer Fargo, North Dakota
Rachel M. Tollefson Moorhead, Minnesota
Jesse Yang Minneapolis, Minnesota







NDSU THEN



NDSU NOW

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

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

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

NDSU is a national model of a successful student-focused, land-grant, research institution. The university is an energized, vibrant institution that enrolled more than 14,400 students during fall 2016 in its undergraduate and graduate programs. Approximately 95 percent of NDSU students are in face-to-face, traditional classroombased courses, a figure that leads the state by a large margin.

NDSU excels in areas of innovative and technology-driven research, with more than \$150 million in annual research expenditures as reported in the National Science Foundation's Higher Education Research and Development Survey. NDSU has been listed in the Top 100 research universities in the United States for research and development in agricultural sciences, chemistry, physical sciences, psychology and social sciences, based on reported research expenditures.

STATE BOARD OF HIGHER EDUCATION

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DON MORTON, Fargo Vice Chair

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MIKE NESS, Hazen

NICK HACKER, Bismarck

GREG STEMEN, Oakes

NICK EVANS

Student Member North Dakota State University

ANDY WAKEFORD

Staff Advisor Lake Region State College

ERNST PIJNING

Faculty Advisor Minot State University

NDSU PRESIDENTS

| President | Term |
|--------------------------------|----------------------------|
| Stockbridge, Horace E | 1890 - 1893 |
| Powers, J. B. (Acting) | 1893 - 1895 |
| Worst, John H | 1895 - 1916 |
| Ladd, Edwin F | 1916 - 1921 |
| Keene, Edward S. (Acting) | February - September, 1921 |
| Coulter, John Lee | 1921 - 1929 |
| Minard, Archibald E. (Acting) | July - September, 1929 |
| Shepperd, John B | 1929 - 1937 |
| West, John C. (Acting) | 1937 - 1938 |
| Eversull, Frank L | 1938 - 1946 |
| 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 | June 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:

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

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

UNIVERSITY MACE

The mace has an ancient history of use as a symbol of authority. Originally used by knights or a royal bodyguard to protect a king in processions, the mace evolved to assume more ceremonial functions by the 14th century. As a symbol of order and authority, the NDSU mace is now carried by the Stage Marshal, the presiding officer of the Faculty Senate, before 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:

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 MBA 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.

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.

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.

MCNAIR SCHOLARS PROGRAM, TRIO Programs: A gold medallion on a red ribbon is worn around the neck. McNair recognizes scholars for contributing outstanding research to their academic field as well as their commitment to pursuing a doctoral degree. Only 29 undergraduate students are selected to participate in

this program each year.

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 SIGMA ALPHA, *national political science honor society:* A cloissonné, 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.

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

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.

Dr. Marlin George Cline, D.Sc.

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.

HONORARY DOCTORATES

- HONORIS CAUSA

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

LL.D. Laws

ACKNOWLEDGMENTS

STAGE PARTY

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Vice President for Student Affairs

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College of Business, Dean

Dr. Margaret Fitzgerald

College of Human Development and Education, Dean

Dr. Kathryn Gordon

President of Faculty Senate

Dr. Kenneth Grafton

Vice President, Dean and Director for Agricultural Affairs

Dr. Beth Ingram

Provost

Dr. Thomas Isern

University Distinguished Professor of History and Religion

Dr. Kalpana Katti

University Distinguished Professor of Civil Engineering

Nathan Kurtti

Student Speaker

Dr. Kevin Melicher

North Dakota University System State Board of Higher Education

COL Andrew Morgado

Commander 3rd Brigade Army ROTC

Dr. Charles Peterson

College of Health Professions, Dean

Dr. Larry Reynolds

University Distinguished Professor of Animal Science

Dr. Kelly Rusch

Vice President for Research and Creative Activity

Dr. Kent Sandstrom

College of Arts, Humanities and Social Sciences, Dean

Dr. Carolyn Schnell

College of University Studies, Associate Dean

Dr. Gary Smith

College of Engineering, Dean

Anna Tescher

Student Soloist

Dr. Maria-Claudia Tomany

College of Graduate and

Interdisciplinary Studies, Dean

Marc Wallman

Vice President for Information Technology

Dr. William Wilson

University Distinguished Professor of Applied Economics

Dr. Scott Wood

College of Science and Mathematics, Dean

COMMENCEMENT MARSHALS

Dr. Ann Burnett

Candidate Marshal

Dr. Kathryn Gordon

Stage Marshal

Dr. Edward Deckard

Faculty Marshal

Casey Peterson
Candidate Marshal

Dr. Tim Peterson

Candidate Marshal

Dr. Donna Terbizan

Candidate Marshal

Dr. Christina Weber

Candidate Marshal

Rian Nostrum Candidate Marshal

READERS

Wendy McCrory
Student Life
Brad Jones
Wellness Center

READER ASSISTANTS

RaNelle Ingalls
Registration and Records
Nancy Kasper
Registration and Records

MUSICIANS

North Dakota State University Brass Ensemble Dr. Jeremy Brekke, Director

USHER/VOLUNTEER COORDINATORS

Jackie DeMolee

Registration and Records

Assisted by members of Ag Ambassadors, NDSU Hip Hop Team, and Phi Eta Sigma.