SOCIAL MEDIA GUIDE
Whether you are an #NDSUGrad or you are here to celebrate an #NDSUGrad, we invite you to join the commencement conversation on social media. Before, during and after the ceremony, please be sure to tag NDSU and use the hashtags #NDSUGrad and #NDSUtrue in your social media posts to join the virtual commencement celebration.

Also, please feel free to share our updates. Here are the platforms we are using to share commencement updates, photographs and videos throughout the day:

Facebook
Be sure to “like” us to get all of our commencement updates. You can post directly to our timeline, or to your own. You also can find winter commencement images for your profile and cover photographs on our page.

Twitter
Our handle is @NDSU. Follow us to see all the commencement tweets and retweets.

Instagram
You can find us under North Dakota State University.

Congratulations to all #NDSUGrads. You have achieved your goal of earning a degree and we wish you the very best in the future! Thank you for being part of the commencement conversation on social media. #NDSUtrue

PHOTOGRAPHS
Professional photographers will be available to photograph each degree candidate before and during the ceremony. Degree candidates will receive information from Lifetouch Photography regarding the option to purchase prints. Photos can be viewed and purchased through http://events.lifetouch.com.

DVD COPIES OF CEREMONY
DVD ordering information can be found at www.ndsu.edu/commencement/dvd.
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
Tyler Berg, Student Soloist

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

GREETINGS ........................................ DON MORTON
North Dakota University System
State Board of Higher Education

INTRODUCTION OF STUDENT SPEAKER ........ DEAN CHARLES PETERSON
College of Health Professions

STUDENT ADDRESS ................................. AURORA OBEMBE
Graduating Class Representative

ADMINISTRATION OF OATH TO SECOND LIEUTENANT CANDIDATES ................... COLONEL DEBRA LIEN
Director of Human Resources
North Dakota Army National Guard

PRESENTATION OF CANDIDATES FOR DEGREES .................................. DR. KENNETH GRAFTON
Provost

CONFERRAL OF HONORARY DOCTORATE .................................. PRESIDENT BRESCIANI
Spencer Duin ........................................ Hooded by Dean Michael Kessler
Honorary Doctorate of Science
College of Engineering

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

PRESENTATION OF COLLEGES
- Graduate and Interdisciplinary Studies | pg. 6 ........................................ Dean Maria-Claudia Tomany
- Agriculture, Food Systems, and Natural Resources | pg. 7 .................. Associate Dean David Buchanon
- Arts, Humanities and Social Sciences | pg. 11 .................................. Dean David Bertolini
- Business | pg. 14 ........................................ Dean Scott Beaulier
- Engineering | pg. 17 ........................................ Dean Scott Beaulier
- Health Professions | pg. 20 .................................. Dean Charles Peterson
- Human Development and Education | pg. 22 .......................... Dean Margaret Fitzgerald
- Science and Mathematics | pg. 25 ...................................... Dean Scott Wood

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

NDSU SCHOOL SONG ............................ THE YELLOW AND THE GREEN, MINARD-PUTNAM
North Dakota State University Brass Ensemble
Dr. Jeremy Brekke, Conductor
Tyler Berg, Student Soloist

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

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

Please remain seated until the recessional concludes.
SPENCER DUIN
Honorary Doctor of Science

North Dakota State University alumnus Spencer Duin is a recognized leader in the electrical industry, building a reputation for excellence during his distinguished 37-year career.

“Mr. Duin represents the best of what we hope for in a graduate of NDSU,” said nominator Michael Kessler, dean and professor of engineering. “Mr. Duin is a role model for our students, a man who used his degree to build an exceptional career.”

Duin is a native of Graceville, Minnesota, who earned his bachelor’s degree in 1965. His highly successful career with Westinghouse began as an industrial engineer, followed by being named plant manager in Visalia, California, and then he was promoted to division engineering manager in St. Louis.

Duin’s career brought him to Europe in 1972, when he was named Westinghouse’s youngest division general manager. His family moved to Belgium, where he learned French in order to do business.

He then managed the Motor Control Center Division in Chicago and the industrial control business for Westinghouse in Beaver, Pennsylvania. Duin later consolidated three divisions and moved the control business headquarters to Asheville, North Carolina. In 1987, he returned to Beaver to manage the larger circuit breaker business unit of Westinghouse.

Eaton Corp. purchased the low voltage business from Westinghouse in 1993, and Duin continued to run the breaker business as an operating vice president.

“The common factor in each of these plants or divisions when I arrived, was that the business had begun to lose money or profits and service had declined substantially,” Duin said. “Applying my engineering and management skills, each business began to grow, service and quality improved, and profitability was restored to new levels.”

He proudly says his operations were recognized with Top Quality awards for Westinghouse and Eaton Corp, and a finalist for the national Malcolm Baldrige Quality Award.

Duin is a trustee for the NDSU Foundation and Alumni Association and a member of the College of Engineering Advisory Council. He also established the Spencer G. and Carol A. Duin Endowment Fund to support Department of Industrial and Manufacturing Engineering faculty. “Hiring and retaining excellent professors are fundamental to a quality education,” Duin explained. “The establishment of this endowed fellowship is a way to recognize the value of my NDSU education.”

Duin retired in 2002. He lives in Asheville.

CANDIDATES FOR APPOINTMENT TO SECOND LIEUTENANT

DEPARTMENT OF MILITARY SCIENCE (ARMY ROTC) COMMISSIONEES

- Jenna A. Folkema, Braham, Minnesota
  Active Duty
- Gregory W. Groesbeck, Salem, New York
  Utah Army National Guard
- Michelle K. Lenk, Breckenridge, Minnesota
  North Dakota Army National Guard
- Andrew S. Walton, Fargo, North Dakota
  North Dakota Army National Guard

CLASS REPRESENTATIVE

Aurora Obembe, a native of Fargo, is receiving a Bachelor of Science degree in nursing, with a minor in geological sciences. Obembe transferred to NDSU from the University of Pittsburgh as a sophomore, and later switched her major from geology to nursing. Her outstanding collegiate career became one of achievement. She was chosen as NDSU’s and North Dakota’s Student Nurse of the Year for 2017-2018. Her many activities while on campus included being the membership chair for the College of Health Professions Ambassadors and serving on the boards of the Student Nurse Association of NDSU and the National Student Association of North Dakota. After graduation, she plans to work in the mental health field, with a goal to become a psychiatric and mental health nurse practitioner. Obembe, who was a student mentor for several NDSU nursing classes and labs, also would like to include teaching as a future endeavor. She is the daughter of Paul and Janice Obembe of Fargo.

SOLOIST

Tyler Berg is an aspiring music educator from Fargo who will receive his Bachelor of Music in vocal music education. While at NDSU, Berg studied voice under Robert Jones, professor of voice and opera, and conducting under Jo Ann Miller, University Distinguished Professor. During his time at NDSU, he was a four-year member of Concert Choir and was the tenor section leader for two years. He was a featured soloist in the choral department’s annual production of Handel’s “Messiah,” and also was a member of the NDSU Madrigal Singers, NDSU Statesmen and BisonArts Singers. Berg had roles in “L’enfant et les sortilèges” and “The Marriage of Figaro,” and most recently appeared as Cain/Japheth in NDSU’s production of “Children of Eden.”

SOLOIST

Spencer Duin

North Dakota State University alumnus Spencer Duin is a recognized leader in the electrical industry, building a reputation for excellence during his distinguished 37-year career.

“Mr. Duin represents the best of what we hope for in a graduate of NDSU,” said nominator Michael Kessler, dean and professor of engineering. “Mr. Duin is a role model for our students, a man who used his degree to build an exceptional career.”

Duin is a native of Graceville, Minnesota, who earned his bachelor’s degree in 1965. His highly successful career with Westinghouse began as an industrial engineer, followed by being named plant manager in Visalia, California, and then he was promoted to division engineering manager in St. Louis.

Duin’s career brought him to Europe in 1972, when he was named Westinghouse’s youngest division general manager. His family moved to Belgium, where he learned French in order to do business.

He then managed the Motor Control Center Division in Chicago and the industrial control business for Westinghouse in Beaver, Pennsylvania. Duin later consolidated three divisions and moved the control business headquarters to Asheville, North Carolina. In 1987, he returned to Beaver to manage the larger circuit breaker business unit of Westinghouse.

Eaton Corp. purchased the low voltage business from Westinghouse in 1993, and Duin continued to run the breaker business as an operating vice president.

“The common factor in each of these plants or divisions when I arrived, was that the business had begun to lose money or profits and service had declined substantially,” Duin said. “Applying my engineering and management skills, each business began to grow, service and quality improved, and profitability was restored to new levels.”

He proudly says his operations were recognized with Top Quality awards for Westinghouse and Eaton Corp, and a finalist for the national Malcolm Baldrige Quality Award.

Duin is a trustee for the NDSU Foundation and Alumni Association and a member of the College of Engineering Advisory Council. He also established the Spencer G. and Carol A. Duin Endowment Fund to support Department of Industrial and Manufacturing Engineering faculty. “Hiring and retaining excellent professors are fundamental to a quality education,” Duin explained. “The establishment of this endowed fellowship is a way to recognize the value of my NDSU education.”

Duin retired in 2002. He lives in Asheville.
DOCTOR OF PHILOSOPHY
Naeza H. Khan Chowdhury Environmental and Conservation Science
Khuina, Bangladesh
“Crop Acreage Response Modeling in North Dakota and the Greater Midwest”
Adviser: Dr. David C. Roberts

Aurelia C. Kucera Environmental and Conservation Science
Brookville, Ohio
“Stress and Paternal Effects in House Sparrows: are Sperm Telomeres Involved?”
Adviser: Dr. Britt Heidinger

MD Shahjahan Molla Materials and Nanotechnology
Chandpur, Bangladesh
“Evaluating Mechanism of Metastasis of Prostate Cancer to Bone Using 3D Bionic Tissue Engineered Scaffolds.”
Adviser: Dr. Kalpana Katti

Mohammad R. Parsa Materials and Nanotechnology
Fargo, North Dakota
“Lattice Gas with Molecular Dynamics Collision Operators”
Adviser: Dr. Alexander Wagner

Scott A. Payne Materials and Nanotechnology
Duluth, Minnesota
“An Electron Energy-Loss Spectroscopic Investigation of Molecular Interactions at the Hydroxyapatite-Collagen Interfaces in Healthy and Diseased (Osteogenesis Imperfecta) Human Bone and Biomimetic Tissue Engineered Bone.”
Advisers: Dr. Kalpana Katti and Dr. Dinesh Katti

Daniel Restrepo Montoya Genomics and Bioinformatics
Bogota, Colombia
“Computational Identification, Phylogenetic and Synteny Analysis of Wall-Associated Receptor-Like Kinases and Receptor-Like Proteins in Legumes.”
Advisers: Dr. Juan Osorno and Dr. Phil McLean

Masters of Natural Resources Management
Jeremy T. Hackley Fargo, North Dakota
Brennan J. Hilzendegger Avon, South Dakota
Kathy A. Jorgenson Fargo, North Dakota
Blair J. Street Manhattan, Montana
Hilliary L. Trandem Fosston, Minnesota

Masters of Science
Kevin M. Cortes Fargo, North Dakota
Environmental and Conservation Science
Lisa D. Desrocher Brainerd, Minnesota
Food Safety
Conor C. Egan Fargo, North Dakota
Environmental and Conservation Science
Nicolette A. Ellington West Fargo, North Dakota
Natural Resources Management
Benjamin J. Hengel Remidij, Minnesota
Natural Resources Management
Kathryn Hooge Hom St. Louis, Missouri
Natural Resources Management
Madison R. Snider Somerset, Ohio
Environmental and Conservation Science
Tyler J. Stadel Fargo, North Dakota
Environmental and Conservation Science
Elizabeth C. Sternhagen Rapid City, South Dakota
Environmental and Conservation Science
Dharani Suresh Babu Sunnyvale, California
Environmental and Conservation Science

BACHELOR OF SCIENCE
Jacob D. Arntzen
Ham Lake, Minnesota
Adviser: Dr. Gerald Stokka

Gayan K. Kariyawasam Plant Pathology
Moratuwa, Sri Lanka
“Genetic Mapping of Fungal Gene Conditioning Pr Tox C Production and Host Resistance in Tan Spot of Wheat”
Adviser: Dr. Zhaohui Liu

Marie Maneka R. Malagoda Genetic Science
Bartramara, Sri Lanka
“Effect of Pre-Harvest Desiccants on Hard Red Spring Wheat Quality”
Adviser: Dr. Senay Simsek

Michael S. Metzger Plant Pathology
Elizabethtown, Minnesota
“Characterization of Pectobacterium Brasiliense as a Novel Cause of Sugarbeet Soft Rot”
Adviser: Dr. Gary Secor

Jessalyn J. Buchler Alexander, North Dakota
Range Science

Seetha C. Bisbee York, North Dakota
Agribusiness and Applied Economics

Pamela R. Block Severna Park, Maryland
Range Science

Samantha J. Croot Rushmore, Minnesota
Soil Science

Megan J. Dornbusch Fargo, North Dakota
Range Science

Tracy Ellig Horace, North Dakota
Range Science

Stephen A. Falde West Fargo, North Dakota
Plant Sciences

Melissa M. Geiszler Mayer, Minnesota
Plant Sciences

Leonardo Gomes Sitoros Campo Grande, Brazil
Animal Sciences

Laura K. Grube Eugene, Oregon
Plant Sciences

Nathan H. Haugrud Rothsay, Minnesota
Plant Sciences

Razi Ibrahim Cornilla, Bangladesh
Plant Sciences

Haley M. Johnson Kindred, North Dakota
Range Science

Kory L. Johnson West Fargo, North Dakota
Plant Science

Changhyeong Kim Deajeon, South Korea
Plant Sciences

Brian Kisyel Volga, South Dakota
Plant Sciences

Amanda M. Long Brodhead, Wisconsin
Animal Sciences

Ana M. Magallanes Lopez De Tocuyo, Mexico
Genetic Science

Joseph F. Neadeau Moorhead, Minnesota
Agronomy and Applied Economics

Brittany N. Peling Knoxville, Maryland
Range Science

Kekoura Sakouvogui Fargo, North Dakota
Agronomy and Applied Economics

Peder E. Schmitz Wheaton, Minnesota
Plant Sciences

Meredith A. Swanson Swanville, Minnesota
Horticulture

BACHELOR OF SCIENCE
Brittney F. Asand Carrington, North Dakota
Crop and Weed Sciences

Christian A. Alers Lakefield, Minnesota
Food Science

Rylee J. Anderson Barnesville, Minnesota
Agricultural Economics

Jacob D. Arntzen Ham Lake, Minnesota
Animal Science

Alexandra Arroyo East Grand Forks, Minnesota
Microbiology

Jonathan D. Aslesen Buffalo, Minnesota
Crop and Weed Sciences

Adam D. Austing Freedport, Minnesota
Agricultural Economics
Andrew J. Wherley Mohall, North Dakota
Natural Resources Management
Soil Science
Benjamin R. Witt Little Falls, Minnesota
Crop and Weed Sciences
Taylor K. Woodruff Devils Lake, North Dakota
Animal Science
Daniel J. Yankovec Centerville, Minnesota
Horticulture

Nolan M. Zachman Belgrade, Minnesota
Crop and Weed Sciences
Taylor R. Zimprich Jesse, North Dakota
Equine Science
Animal Science
Craig D. Zirnhelt Forman, North Dakota
Agricultural Economics
Karson R. Zych Bozeman, Minnesota
Crop and Weed Sciences

Andrew J. Wherley
Mohall, North Dakota
Natural Resources Management
Soil Science

Benjamin R. Witt
Little Falls, Minnesota
Crop and Weed Sciences

Taylor K. Woodruff
Devils Lake, North Dakota
Animal Science

Daniel J. Yankovec
Centerville, Minnesota
Horticulture

Nolan M. Zachman
Belgrade, Minnesota
Crop and Weed Sciences

Taylor R. Zimprich
Jesse, North Dakota
Equine Science

Animal Science

Craig D. Zirnhelt
Forman, North Dakota
Agricultural Economics

Karson R. Zych
Bozeman, Minnesota
Crop and Weed Sciences

DOCTOR OF PHILOSOPHY
Adam J. Copeland Rhetoric, Writing and Culture
Fargo, North Dakota
“Crowdfunding for a Cause: Rhetorically Oriented Action Research with Faith-Related Organizations”
Adviser: Dr. Kevin Brooks

Darren A. Zufelt Rhetoric, Writing and Culture
Fargo, North Dakota
“Towards a More Visually Literate Writing Classroom”
Adviser: Dr. Elizabeth Birmingham

DOCTOR OF MUSICAL ARTS
Rachelle A. Dizon Music
Woodbury, Minnesota
“A Stylistic Analysis of Tom Flaherty’s (B.1950) Works for Clarinet”
Adviser: Dr. Cassie Keogh

Rebecca L. Raber Music
Bismarck, North Dakota
“Conducting the Coded Message Songs of Slavery: Context, Connotations, and Performance Preparation”
Adviser: Dr. Michael Weber

Catherine M. Thusty Music
Fargo, North Dakota
“Championing the Lives and Works of Two American Female Artists: Libby Larsen’s Song Cycle Mary Cassatt 1844-1926”
Adviser: Dr. Robert Jones

MASTER OF ARTS
Angela A. Beaton Grand Forks, North Dakota
History

Ntwali A. Cyusa Moorhead, Minnesota
Mass Communication

Katie A. Savageau Fargo, North Dakota
History

MASTER OF MUSIC
Amy M. DeWitt Grand Forks, North Dakota

Andee M. Mattson Rugby, North Dakota

Samantha F. Olson West Fargo, North Dakota

Jerry Rosin Cooperstown, North Dakota

Terri A. Rubbert Minot, North Dakota

Alyce Stokke East Grand Forks, Minnesota

Kathleen Thomas Fargo, North Dakota

Kevin L. Thomas Fargo, North Dakota

BACHELOR OF ARTS
Antonio Ayala Fargo, North Dakota
Management Communication

Kaelani S. Blakey Fargo, North Dakota
Management Communication

Justin T. Borgen Grand Forks, North Dakota
Political Science

Emily A. Docter Reiles Acres, North Dakota
Strategic Communication

Marjenna M. McWilliam Winger, Minnesota
English

Natalia Martinez St. Louis Park, Minnesota
English

Caleb S. Shaffer Fargo, North Dakota
English

BACHELOR OF FINE ARTS
Natalie M. Duika Minneapolis, Minnesota
Theatre Arts

John C. Goering Kirkwood, Missouri
Theatre Arts

Andrea J. Qual Fargo, North Dakota
Art

Chance M. Taylor Moorhead, Minnesota
Art

BACHELOR OF LANDSCAPE ARCHITECTURE
Nikodemous L. Hadera Maple Grove, Minnesota

BACHELOR OF MUSIC
Tyler C. Berg Fargo, North Dakota

Sabrina R. Fogderud Fargo, North Dakota

Abigail M. Motl North Dakota

Hannah M. Swanson Fargo, North Dakota

BACHELOR OF SCIENCE
Christine M. Berg Cooperstown, North Dakota
Criminal Justice

Dominic J. Davis Bismarck, North Dakota
Criminal Justice

Robert K. Kurtz Fargo, North Dakota
History

BACHELOR OF ARTS
Antonio Ayala Fargo, North Dakota
Management Communication

Kaelani S. Blakey Fargo, North Dakota
Management Communication

Justin T. Borgen Grand Forks, North Dakota
Political Science

Emily A. Docter Reiles Acres, North Dakota
Strategic Communication

Marjenna M. McWilliam Winger, Minnesota
English

Natalia Martinez St. Louis Park, Minnesota
English

Caleb S. Shaffer Fargo, North Dakota
English

BACHELOR OF FINE ARTS
Natalie M. Duika Minneapolis, Minnesota
Theatre Arts

John C. Goering Kirkwood, Missouri
Theatre Arts

Andrea J. Qual Fargo, North Dakota
Art

Chance M. Taylor Moorhead, Minnesota
Art

BACHELOR OF LANDSCAPE ARCHITECTURE
Nikodemous L. Hadera Maple Grove, Minnesota

BACHELOR OF MUSIC
Tyler C. Berg Fargo, North Dakota

Sabrina R. Fogderud Fargo, North Dakota

Abigail M. Motl North Dakota

Hannah M. Swanson Fargo, North Dakota
Alexandra R. Hopping
Colfax, North Dakota
Women and Gender Studies

Taylor J. Jarmin
Minor, North Dakota
Political Science

** Ethan A. Johnson
Galesburg, North Dakota
Strategic Communication

Jennie M. Johnson
Fargo, North Dakota
English

** Torie D. Jones
Bowdon, North Dakota
Public History

History

Jacob J. Kautzman
Fargo, North Dakota
New Media and Web Design

Jacob R. Kovar
Dickinson, North Dakota
Journalism

Abby A. Larson
West Fargo, North Dakota
Public History

Adelina Luzha
Fargo, North Dakota
English

Alexis L. Madlom
Fargo, North Dakota
Criminal Justice

Psychology

Margaret R. McGurran
Fargo, North Dakota
Sociology

** Ehrin B. McKaig
Moorehead, Minnesota
Criminal Justice

Bailee C. McLachlan
Fargo, North Dakota
Management Communication

Elizabeth I. Mignone
Fargo, North Dakota
Political Science

International Studies

Casey J. Mikel
South Haven, Minnesota
Agricultural Communication

Alexi K. Miranda
Fargo, North Dakota
Criminal Justice

Alex Manoe
Cathedral City, California
Criminal Justice

Callie Murphy
Fenton, Minnesota
Political Science

Deland J. Myers II
Fargo, North Dakota
English

Reilly A. Norton
Eagan, Minnesota
Criminal Justice

Richard N. Paulson
Valley City, North Dakota
Journalism

* Maija L. Peldo
Fargo, North Dakota
Strategic Communication

Charley F. Popp
Crystal Lake, Illinois
History

Shelly L. Powell
Duluth, Minnesota
Sociology

* Leah N. Rempfert
Savage, Minnesota
Management Communication

Women and Gender Studies

Jacob E. Repp
Laughlin, Nevada
Criminal Justice

Jonathan M. Robbin
Chaska, Minnesota
Criminal Justice

Miranda M. Robinson
Ham Lake, Minnesota
Political Science

** McKaia G. Ryberg
Buffalo Lake, Minnesota
Political Science

Julia M. Sattler
Bismarck, North Dakota
English

Nicholas M. Scheel
Fargo, North Dakota
Management Communication

Sander W. Schmid
Plymouth, Minnesota
History

Caleb S. Shaffer
Fargo, North Dakota
English

** Tryston J. Simek
Bismarck, North Dakota
English

Karson R. Sorby
Albemarle, Minnesota
Strategic Communication

Julia R. Taylor
Detroit Lakes, Minnesota
Political Science

Taylor M. Theisen
Bismarck, North Dakota
Strategic Communication

Axel D. Twenge
Minnetonka, Minnesota
English

Lesley I. Vargas
St. James, Minnesota
Criminal Justice

*** Amanda M. Wagar
Casselton, North Dakota
English

** Beata J. Weber
Fargo, North Dakota
Art

Alexander J. Weiland
Bismarck, North Dakota
Criminal Justice

Jaylaan M. Wimbush
St. Petersburg, Florida
English

Melinda L. Wittmer
Superior, North Dakota
Emergency Management

Criminal Justice

Jacob C. Zach
Rosohl, South Dakota
Criminal Justice

BACHELOR OF SCIENCE
IN ARCHITECTURE

Emily G. Fegley
Berthold, North Dakota

Connor D. Grann
Perth, North Dakota

Jacob S. Hasse
Rooseville, Minnesota

Marie D. Tucker
Bemidji, Minnesota

BACHELOR OF UNIVERSITY STUDIES

Andrew C. Bartholomay
Bismarck, North Dakota

Calej B. Butler
Blaine, Minnesota

Colin J. Conner
Linden, Wisconsin

Alexandra A. Crazy
Fargo, North Dakota

Samuel A. Dancer
Fargo, North Dakota

Lance D. Dunn Jr.
Waterloo, Iowa

Jonah B. Eslinger
Bismarck, North Dakota

Cameron L. Hager
Fargo, North Dakota

Tara L. Hovey
Kindred, North Dakota

Nathaniel J. Jenson
Wauzpa, Wisconsin

Sonja M. Knutson
Wadena, Minnesota

Sigrid L. Letcher
Harston, North Dakota

Matthew W. Moberg
Fargo, North Dakota

Nicholas J. Myhre
R��te, North Dakota

Kori B. Quiring
Windom, Minnesota

Joseph B. Rasmus
Fargo, North Dakota

Dianne L. Rodriguez
Rosemount, Minnesota

Jonathan W. Rust
Minot, North Dakota

Kelsie J. Schmeiss
Fargo, North Dakota

Jaedyn L. Starry
Becker, Minnesota
Candidates will be presented by Dean Scott Bealier and marshaled by Dr. Jin Li and student marshal Joseph Hoogstraat.

**DOCTOR OF PHILOSOPHY**

Poyraz Kayabas, Transportation and Logistics, Fargo, North Dakota
- *Three Essays on the Graduated Driver Licensing Program in North Dakota*
- Adviser: Dr. Kimberly Vuchal and Dr. Joseph Szmerinkevsky

Robert L. Swearingen, Transportation and Logistics, Fargo, North Dakota
- *A Model for Organizational Diagnosis and Change Management*
- Adviser: Dr. Joseph Szmerinkevsky

Zijian Zheng, Transportation and Logistics, Northglenn, Colorado
- *Application of Data Mining Techniques in Transportation Safety Study*
- Adviser: Dr. Pan Lu

**MASTER OF ACCOUNTANCY**

Thomas R. Askew, Fargo, North Dakota

William P. Ainesworth, West Fargo, North Dakota

Bethany Fraase, West Fargo, North Dakota

Wenny L. Lou, Fargo, North Dakota

Shania B. Murphy, Moorhead, North Dakota

Olajide B. Ogungbe, Akure, Nigeria

**MASTER OF BUSINESS ADMINISTRATION**

Anna C. Anderson, Fargo, North Dakota

Irina Kravchuk, Tarasove Village, Russia

Isaac A. Mohs, Fargo, North Dakota

Kray A. Olson, Minneapolis, Minnesota

Teguldur Shinezorig, Fargo, North Dakota

Tyler J. Parker, West Fargo, North Dakota

Dustin R. Torgerson, Fargo, North Dakota

**MASTERCOLLEGE OF BUSINESS**

Candidates will be presented by Dean Scott Bealier and marshaled by Dr. Jin Li and student marshal Joseph Hoogstraat.

**DOCTOR OF PHILOSOPHY**

Poyraz Kayabas, Transportation and Logistics, Fargo, North Dakota
- *Three Essays on the Graduated Driver Licensing Program in North Dakota*
- Adviser: Dr. Kimberly Vuchal and Dr. Joseph Szmerinkevsky

Robert L. Swearingen, Transportation and Logistics, Fargo, North Dakota
- *A Model for Organizational Diagnosis and Change Management*
- Adviser: Dr. Joseph Szmerinkevsky

Zijian Zheng, Transportation and Logistics, Northglenn, Colorado
- *Application of Data Mining Techniques in Transportation Safety Study*
- Adviser: Dr. Pan Lu

**MASTER OF ACCOUNTANCY**

Thomas R. Askew, Fargo, North Dakota

William P. Ainesworth, West Fargo, North Dakota

Bethany Fraase, West Fargo, North Dakota

Wenny L. Lou, Fargo, North Dakota

Shania B. Murphy, Moorhead, North Dakota

Olajide B. Ogungbe, Akure, Nigeria

**MASTER OF BUSINESS ADMINISTRATION**

Anna C. Anderson, Fargo, North Dakota

Irina Kravchuk, Tarasove Village, Russia

Isaac A. Mohs, Fargo, North Dakota

Kray A. Olson, Minneapolis, Minnesota

Teguldur Shinezorig, Fargo, North Dakota

Tyler J. Parker, West Fargo, North Dakota

Dustin R. Torgerson, Fargo, North Dakota

**BACHELOR OF SCIENCE**

Kahye Abdi, Fargo, North Dakota

Alicia N. Albright, Brooklyn Park, Minnesota

Renelle N. Almaras, New Rockford, North Dakota

Christopher M. Anderson, Clofax, North Dakota

**Danielle J. Anderson, Fargo, North Dakota Management Information System.**

Jason H. Anderson, Lisbon, North Dakota Management Information System

Alex M. Barr, Fargo, North Dakota

**Sarah K. Bartelt, Fargo, North Dakota Finance.**

**Homayoon Behroozian, Fargo, North Dakota Management Information Systems.**

Gretta W. Beinhorn, Brookings, South Dakota Marketing

Leighton T. Bierman, Forest Lake, Minnesota Marketing

**Aarika S. Brezicka, Forman, North Dakota Management.**

**Garet T. Carlblom, Lisbon, North Dakota Management Information Systems.**

Blake R. Carlisle, Prior Lake, Minnesota Accounting

Callie D. Carlson, Grand Forks, North Dakota Marketing

Emily P. Carson, Bismarck, North Dakota Accounting

Riley J. Cashman, Woodbury, Minnesota Finance

Sara J. Cramer, Pine Island, Minnesota Management Information Systems

**Markus A. Dahl, Fargo, North Dakota Finance.**

**Hunter C. Diegel, Cogswell, North Dakota Accounting.**

**Brady P. Doran, Champlin, Minnesota Finance.**

Preston A. Dvorak, Bismarck, North Dakota Business Administration

Ross V. Effertz, Mandan, North Dakota Finance

Benjamin S. Ek, Lakeland, Minnesota Finance

**Christan J. Ekren, Fargo, North Dakota Management Information Systems.**

Devin J. Engelmann, Fargo, North Dakota Management Information Systems

Allison N. Fisher, Bismarck, North Dakota Accounting

Krista K. Foerster, Fargo, North Dakota Management Information Systems

**John R. Froisig, Cloquet, Minnesota Accounting.**

Thomas R. Fyffe, Gruettli-Laager, Tennessee Accounting

Sam R. Goral, Detroit Lakes, Minnesota Accounting

Gregory W. Grosebeck, Salem, New York Business Administration

Taylor A. Hanson, Pillager, Minnesota Accounting

**Tyler D. Hartman, Fargo, North Dakota Finance.**

Katie I. Hartly, Buffalo, Minnesota Accounting

Dominic J. Haugen, Mandan, North Dakota Management

Rudy B. Hayer, Fargo, North Dakota Business Administration

**Jacob Head, Eden Prairie, Minnesota Finance.**

Matthew E. Helbling, Mandan, North Dakota Management

Amber J. Hermes, Grand Rapids, Minnesota Accounting

Landon C. Holmquist, West Fargo, North Dakota Accounting

**Ashley S. Houl, Fargo, North Dakota Accounting.**

Trevor A. Honzay, Olivia, Minnesota Finance

Brock M. Horner, Fargo, North Dakota Finance

Joel R. Jacobs, Chaska, Minnesota Accounting

**Spencer H. Jacobson, Fargo, North Dakota Finance.**

**Alex G. Jillson, Fargo, North Dakota Finance.**

Barry J. Jennings Jr, Minneapolis, Minnesota Accounting

Mitchell L. Jensen, Kenton, Minnesota Business Administration

Trent N. Johnson, Brooklyn Park, Minnesota Marketing

Stanley J. Jones, Bismarck, North Dakota Management

Sarah A. Kallemeny, Williston, North Dakota Management

Anthony T. Kimlinger, Shoreview, Minnesota Finance Economics

Samuel M. Kittcock, Howard Lake, Minnesota Finance

Lilli X. Knoll, Wayzata, Minnesota Finance

Matthew D. Knute, Shakopee, Minnesota Management

Amber J. Kosir, Fargo, North Dakota Management Accounting

Jackson M. LaNou, Maple Grove, Minnesota Finance

Lauren C. LaPlace, Maple Grove, Minnesota Finance

**Courtney A. Larson, Fargo, North Dakota Marketing.**

**Isaac L. Lashua, Iola, Wisconsin Finance Accounting.**

Michelle K. Lent, Bemidji State, Minnesota Management

**Mirasanda K. Letzring, New Salem, North Dakota Finance.**

Payton W. Liesch, Long Prairie, Minnesota Business Administration

**Garrett L. Malstrom, Vergas, Minnesota Business Administration.**

Grant E. Mattiace, Lake Park, Minnesota Management

Zachary J. Maurer, Benson, Minnesota Marketing

Jordan McCollum, Park Rapids, Minnesota Finance

Levi R. McKittrick, Bowman, North Dakota Finance

Erin J. McNeils, Glenco, Minnesota Management

**Shayna L. Mertz, Ellendale, North Dakota Accounting.**

Cassidy T. Meyers, Fargo, North Dakota Accounting

Michael J. Millan, Plymouth, Minnesota Global Business

Nicole G. Miller, Roseau, Minnesota Marketing

Grant D. Molden, Benson, Minnesota Finance

Karl R. Morrison, Anoka, Minnesota Marketing

Jorge I. Munoz-Pederson, Glenwood, Minnesota Marketing

Wyatt J. Nichols, Berthold, North Dakota Accounting

Bradley A. Noddick, Fargo, North Dakota Accounting

Lexi A. Nupal, Cavalier, North Dakota Finance

Brandon K. Olson, Fergus Falls, Minnesota Management

Jordan A. Phelps, Stillwater, Minnesota Accounting

Mason P. Pierzchalski, Sammamish, Washington Accounting

Andrew D. Puetz, Rogers, Minnesota Finance

**Sarah H. Quenette, Hazen, North Dakota Management Information Systems.**

**Shawna M. Ramsatt, Moorhead, Minnesota Business Administration.**

**Matthew M. Reinish, Apple Valley, Minnesota Finance.**

**Austin M. Ressemmann, Alexandria, Minnesota Accounting.**

**Dana R. Riepe, Twin Valley, Minnesota Management.**

William J. Robson, Thief River Falls, Minnesota Marketing

Colin M. Rucker, Pine Island, Minnesota Management Information System

Braden M. Schell, Fargo, North Dakota Business Administration

Cole D. Schmidt, Cokato, Minnesota Management

Kayla L. Schneider, Hoffman, Minnesota Management

Jeffrey A. Scholl, Bismarck, North Dakota Management Information Systems

Riley M. Schotters, Lino Lakes, Minnesota Management

Samuel G. Schroeder, Moorhead, Minnesota Management

Ian R. Schultz, Fargo, North Dakota Management

Abigail M. Seitz, Fargo, North Dakota Management
Tyler R. Shanley Lakeland, Minnesota
  Marketing
James A. Simon Kerkhoven, Minnesota
  Finance
Zachary J. Sklebar Fargo, North Dakota
  Marketing
  • Luke M. Smith Le Sueur, Minnesota
    Business Administration
Nicholas J. Solvie Morris, Minnesota
  Marketing
Amber R. Spitzer Ellendale, North Dakota
  Management Information Systems
Keith M. Splitter Fargo, North Dakota
  Business Administration
  • Troy P. Steele Beach, North Dakota
    Accounting
  • Sydney A. Stiehlbar Luverne, Minnesota
    Accounting
    • Global Business
  • Andrew J. Thorson Page, North Dakota
    Accounting
Emily M. Tostenson Mankato, Minnesota
  Marketing
Austin Truso Prior Lake, Minnesota
  Marketing
Brianne S. Ufford Rogers, Minnesota
  Management
  • Matthew D. Valenti Fargo, North Dakota
    Finance
    • Management
  • Logan K. Veire Ivanhoe, Minnesota
    Marketing
  • Dylan R. Vos Sr. Bonifacius, Minnesota
    Finance
Zachary T. Vos Sr. Bonifacius, Minnesota
  Accounting
Braeden S. Wahl Litchfield, Minnesota
  Management
  • Nicholas R. Ward Elk River, Minnesota
    Business Administration
Matthew J. Warsocki Minot, North Dakota
  Finance
Dana L. Weidemann Minnesota, Minnesota
  Accounting
  • Joseph A. Weist Fargo, North Dakota
    Accounting
  • Anna J. Wilcox Bloomington, Minnesota
    Accounting
Blake H. Williams Romeo, Michigan
  Finance
Daniel J. Williams Fargo, North Dakota
  Accounting
Tanner J. Wolf Bismarck, North Dakota
  Marketing
Gage P. Wolf Mandan, North Dakota
  Marketing
Summer V. Zito Manama, Bahrain
  Accounting

DOCTOR OF PHILOSOPHY
Fodan Deng Civil Engineering
  Yongzhou, China
  "Real-time Corrosion Monitoring System for Coated Steel Pipelines"
  Adviser: Dr. Ying Huang
Mohana Asha Latha Dubasi Electrical and Computer Engineering
  Hyderabad, India
  "Tuned Refinement for Verification of Real-time Object Code Programs"
  Adviser: Dr. Sudarshan K Srinivasan
Kendall M. Grimm Civil Engineering
  Cuyahoga Falls, Ohio
  "Modeling of Dynamic Hydrologic Connectivity: How Do Depressions Affect the Modeling of Hydrologic Processes?"
  Adviser: Dr. Xuefeng Chu
Yanchao Li Electrical and Computer Engineering
  Chengdu, China
  "Wide Bandgap Power Devices Based High Power Density and High-Efficiency DC-DC Converters"
  Adviser: Dr. Dong Cao
Shah Limon Industrial and Manufacturing Engineering
  Plymouth, Minnesota
  "Assessing Reliability of Highly Reliable Products Using Accelerated Degradation Test Design, Modeling, and Bayesian Inference"
  Adviser: Dr. Om Prakash Yadav
Harjeet Sidhu Agricultural and Biosystems Engineering
  Fargo, North Dakota
  "Quality Evaluation of Coated Extra-Large Hulled Sunflower (Helianthus Annuus) Kernels for Precision Planting"
  Adviser: Dr. Dennis Wiesenborn

MASTER OF SCIENCE IN AGRICULTURAL AND BIOSYSTEMS ENGINEERING
Samuel M. Ecker Long Prairie, Minnesota
  Darrin R. Frederick Jr. St. John, North Dakota
  • John T. Naas Thompson, North Dakota
  Grady R. Reinking Rogers, Minnesota
  Jonathan T. Roe Melrose, Minnesota

BACHELOR OF SCIENCE IN CIVIL ENGINEERING
Jordan R. Allbee Aberdeen, South Dakota
  Sean Ballard Devils Lake, North Dakota
  David Barragan Pelican Rapids, Minnesota
  • Ericka L. Beito Roseau, Minnesota
  Connor J. Candrian Bismarck, North Dakota
  John M. Connelly Minnetonka, Minnesota
  Emily A. Fassbender Woodbury, Minnesota
  Cole J. Frederick Belcourt, North Dakota
  Grant M. Gall Bismarck, North Dakota
  Michael Goodman Hunter, North Dakota
  Joshua T. Heinen Fargo, North Dakota
  Brandon C. Johnson Hanover, Minnesota
  Matthew P. Klein Prior Lake, Minnesota
  Nathan D. Kock Shakopee, Minnesota
  • Libby A. Kruse Jamestown, North Dakota
  Michael K. Kutz Sartell, Minnesota
  Jason L. Lenneman Monticello, Minnesota
  Gregory F. Menard Lakeville, Minnesota

Candidates will be presented by Dean Michael Kessler and marshaled by Dr. Majura Slekwa and Dr. Scott Pryor and student marshal Abdalla Elbassiouny.

DOCTOR OF PHILOSOPHY
Fodan Deng Civil Engineering
  Yongzhou, China
  "Real-time Corrosion Monitoring System for Coated Steel Pipelines"
  Adviser: Dr. Ying Huang
Mohana Asha Latha Dubasi Electrical and Computer Engineering
  Hyderabad, India
  "Tuned Refinement for Verification of Real-time Object Code Programs"
  Adviser: Dr. Sudarshan K Srinivasan
Kendall M. Grimm Civil Engineering
  Cuyahoga Falls, Ohio
  "Modeling of Dynamic Hydrologic Connectivity: How Do Depressions Affect the Modeling of Hydrologic Processes?"
  Adviser: Dr. Xuefeng Chu
Yanchao Li Electrical and Computer Engineering
  Chengdu, China
  "Wide Bandgap Power Devices Based High Power Density and High-Efficiency DC-DC Converters"
  Adviser: Dr. Dong Cao
Shah Limon Industrial and Manufacturing Engineering
  Plymouth, Minnesota
  "Assessing Reliability of Highly Reliable Products Using Accelerated Degradation Test Design, Modeling, and Bayesian Inference"
  Adviser: Dr. Om Prakash Yadav
Harjeet Sidhu Agricultural and Biosystems Engineering
  Fargo, North Dakota
  "Quality Evaluation of Coated Extra-Large Hulled Sunflower (Helianthus Annuus) Kernels for Precision Planting"
  Adviser: Dr. Dennis Wiesenborn

MASTER OF SCIENCE IN AGRICULTURAL AND BIOSYSTEMS ENGINEERING
Samuel M. Ecker Long Prairie, Minnesota
  Darrin R. Frederick Jr. St. John, North Dakota
  • John T. Naas Thompson, North Dakota
  Grady R. Reinking Rogers, Minnesota
  Jonathan T. Roe Melrose, Minnesota

BACHELOR OF SCIENCE IN CIVIL ENGINEERING
Jordan R. Allbee Aberdeen, South Dakota
  Sean Ballard Devils Lake, North Dakota
  David Barragan Pelican Rapids, Minnesota
  • Ericka L. Beito Roseau, Minnesota
  Connor J. Candrian Bismarck, North Dakota
  John M. Connelly Minnetonka, Minnesota
  Emily A. Fassbender Woodbury, Minnesota
  Cole J. Frederick Belcourt, North Dakota
  Grant M. Gall Bismarck, North Dakota
  Michael Goodman Hunter, North Dakota
  Joshua T. Heinen Fargo, North Dakota
  Brandon C. Johnson Hanover, Minnesota
  Matthew P. Klein Prior Lake, Minnesota
  Nathan D. Kock Shakopee, Minnesota
  • Libby A. Kruse Jamestown, North Dakota
  Michael K. Kutz Sartell, Minnesota
  Jason L. Lenneman Monticello, Minnesota
  Gregory F. Menard Lakeville, Minnesota

Candidates will be presented by Dean Michael Kessler and marshaled by Dr. Majura Slekwa and Dr. Scott Pryor and student marshal Abdalla Elbassiouny.
• Jordan A. Meskan Minneapolis, Minnesota
• Benjamin C. Miller Eagan, Minnesota
• Daniel J. Perez Bismarck, North Dakota
• Dalton D. Rademacher Moorhead, North Dakota
• Isaac W. Rost Carrington, North Dakota
• Lucas L. Rubash Shakopee, Minnesota
• Ryan J. Sandhoefner Elk River, Minnesota
• Jordan S. Wurtzberger Buffalo, Minnesota
• John G. Yale Bowman, North Dakota

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

• John S. Guettin Valley City, North Dakota
• Brandon J. Loch Kimball, Minnesota
• Samuel A. Skarphol Fargo, North Dakota
• Bjorn F. Strand Yiesi, Shansi, China
• Joshua J. Sullivan Champlin, Minnesota
• Blake D. Ternus Rogers, Minnesota
• Dylan C. Visto Oakes, North Dakota

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

• Micah A. Barney Chisholm, Minnesota
• Bin Bi Jinan, Shandong, China
• Luning Chen Jinin, Shandong, China
• Cooper W. Dillon Woodbury, Minnesota
• Brandon K. Faber Richmond, Minnesota
• Nicholas D. Honner Fargo, North Dakota
• Henry R. Kirkendale Ham Lake, Minnesota
• Kaitlyn A. Kirschchenbier Bismarck, North Dakota
• Alexander C. Klein Plymouth, Minnesota
• Elijah S. Kracht Wheaton, Minnesota
• Alexander J. Krengel Lino Lakes, Minnesota
• Tyler D. Lenarz Alexandria, Minnesota
• Tessa Lind Duluth, Minnesota
• Anthony R. Luchsinger St. Michael, Minnesota
• Nickoli G. Nelson Bemidji, Minnesota
• Christopher M. Nilson West Fargo, North Dakota
• Brody M. Olson Savage, Minnesota
• Eric Reimer Rogers, Minnesota
• Aidan M. Ritterman Leeds, North Dakota
• Micah A. Rodahl Thief River Falls, Minnesota
• Louis J. Singer Denver, Colorado
• Aaron M. Solie Eden Prairie, Minnesota
• Adam M. Toth Mendota Heights, Minnesota
• Spencer P. Turck Devils Lake, North Dakota
• Reed J. Urzendowski Omaha, Nebraska
• Tanner R. Volson Belfour, North Dakota
• Dalton S. Wacha Moorhead, North Dakota
• Yuefan Wang Jinan, Shandong, China
• Mengfan Xu Dezhou, Shandong, China
• Zachary J. Ziemer Lakeville, Minnesota

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING AND MANAGEMENT

• Trevor R. Borell Maple Lake, Minnesota
• Taylor L. Gallikson Forest Lake, Minnesota
• Garret P. Heiden Fargo, North Dakota
• Spencer L. Helming Fargo, North Dakota
• AbdulQuadir Olaelekan Matti Ramsey, Minnesota
• Kalleigh E. Meester Andover, Minnesota
• Christopher A. Mello Deephaven, Minnesota
• Benjamin E. Nelson Detroit Lakes, Minnesota
• John W. Pieper Henning, Minnesota
• Karly J. Sokness Wahpeton, North Dakota

BACHELOR OF SCIENCE IN MANUFACTURING ENGINEERING

• Kathryn L. DeGeest Somerset, Wisconsin

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

• Jeffrey J. Banal New Ulm, North Dakota
• Bryce A. Bergh Havanna, North Dakota
• Joseph R. Budzielek Fargo, North Dakota
• Micah C. Calderon Detroit Lakes, Minnesota
• Dylan L. Christoperson Sauk Rapids, Minnesota
• Laura E. Clemens Minnetonka, Minnesota
• Brady M. Crawford Detroit Lakes, Minnesota
• Noah M. Gurfman Fargo, North Dakota
• John R. Daly Fargo, North Dakota
• Alex DeRoche Esko, Minnesota
• Travis M. Dietz Zimmerman, Minnesota
• Ryan T. Dumont Sarrell, Minnesota
• Austin C. Erickson Perham, Minnesota
• Reed M. Erickson Fargo, North Dakota
• Justin S. Feist Fargo, North Dakota
• Jacob M. Fietek Duluth, Minnesota
• Austin C. Gapiński Fort Ripley, Minnesota
• Christopher J. Geray Mahnomen, Minnesota
• Jackson T. Gleason Dell Rapids, South Dakota
• Saye K. Gongloe Gbanga, Liberia
• Ethan R. Gunke Jamestown, North Dakota
• Emily A. Gunderson Minnetrista, Minnesota
• Alec R. Halvorson Barnseeville, Minnesota
• Ryan C. Hanson Bismarck, North Dakota
• Luke A. Heil Albertville, Minnesota
• Mathias R. Hennen Kimball, Minnesota
• Michael J. Holthaus Bismarck, North Dakota
• Eric Jackels Maple Grove, Minnesota

• Joseph M. Janes Bismarck, North Dakota
• Alex W. Jenniges Cold Spring, Minnesota
• Taylor K. Kamp Farmington, Minnesota
• Brandon D. Kilber Bismarck, North Dakota
• Brant A. Kilber Champlin, Minnesota
• Derek A. Klein East Bethel, Minnesota
• Zachary C. Kosienski Fargo, North Dakota
• Kollin A. Kragness West Fargo, North Dakota
• Jordan E. Krump Wheaton, Minnesota
• Kyle C. Kwanekat Buffalo, Minnesota
• Alec S. Larson Lakeville, Minnesota
• Jessie M. Lee New London, Minnesota
• Timothy Liu Rochester, Minnesota
• Colton E. McAllister Devils Lake, North Dakota
• Mitchell A. Munar Robbinsdale, Minnesota
• Casey R. Neameyer Hazen, North Dakota

• Brendan R. Nelson Moorhead, North Dakota
• Derek B. Parks Big Lake, Minnesota
• Derik T. Peterson Willmar, Minnesota
• Theodore R. Rainwater-Walker New Hope, Minnesota
• Jonas M. Sahriudai Hastings, Minnesota
• Ramsey L. Schatz Bismarck, North Dakota
• Ian P. Schmidt South St. Paul, Minnesota
• Preston J. Schmidt Mandan, North Dakota
• Wyatt J. Sieber Chanhassen, Minnesota
• Kyle A. Sonnenberg Faribault, Minnesota
• Michael A. Stoddard Woodbury, Minnesota
• Jacob M. Thomas Rogers, Minnesota
• Tyler G. Toepke-Holm Wishka, North Dakota
• Joshua J. Urbanke Little Falls, Minnesota
• Michael Von Schenk Whitefish, Montana
• Brian S. Weaver Minnetonka, Minnesota
• Joshua A. Wiedtke Zimmerman, Minnesota
COLLEGE OF HEALTH PROFESSIONS

Candidates will be presented by Dean Charles Peterson and marshaled by Dr. Abby Gold and student marshal Weston Perkins-Clark.

DOCTOR OF PHILOSOPHY
Shrinidh A. Joshi  Pharmaceutical Sciences
Ahmedabad, India

“Angiotensin Converting Enzyme-2 and Mas Receptor Mediated Hypoxia-Induced Vasoprotective Functions in Endothelial progenitor cells”
Adviser: Dr. Vagmi Josyapu
Lindsay D. Lipp  Pharmaceutical Sciences
Casleton, North Dakota

“Evaluation of Smart Polymers for Controlled Release Delivery Systems”
Adviser: Dr. Jagdish Singh

Tori A. Rude
“Functions in Endothelial progenitor cells”
Adviser: Dr. Chengwen Sun

Candidates will be presented by Dean Charles Peterson and marshaled by Dr. Abby Gold and student marshal Weston Perkins-Clark.

BACHELOR OF SCIENCE
Kimberly J. Block
“Cum Laude”

DOCTOR OF PHARMACY
Tam M. Phan  Ho Chi Minh City, Vietnam

BACHELOR OF SCIENCE IN NURSING
Djane Amay  Bismarck, North Dakota

“Evaluation of Smart Polymers for Controlled Release Delivery Systems”
Adviser: Dr. Vagmi Josyapu

Candidates will be presented by Dean Charles Peterson and marshaled by Dr. Abby Gold and student marshal Weston Perkins-Clark.

MAJOR IN PUBLIC HEALTH
Kimberly J. Block
Pierz, Minnesota
Kayla L. Carlson
Fargo, North Dakota
Abby J. Ruhland
Yankton, South Dakota
Mahnod Tounah
Fargo, North Dakota

DOCTOR OF PHARMACY
Tam M. Phan  Ho Chi Minh City, Vietnam

BACHELOR OF SCIENCE

- Seth C. Amundson  Fargo, North Dakota  
  Jacob A. Blotekjy  Fargo, North Dakota  
  Jordan M. Brandt  Woodbury, Minnesota  
  Justin L. Caldwell  Herriett, North Dakota  
  Brea R. Dziuk  Sisseton, South Dakota  
  Erika N. Kaiser  Fargo, North Dakota  
  Kara L. Long  Rochester, Minnesota  
  Rusul K. Mohammed  Fargo, North Dakota  
  Emilie R. Nelson  Warren, Minnesota  
  Torri A. Rude  Hillibroto, North Dakota  
  Rebecca L. Sande  Fargo, North Dakota  

- Michaela M. Littleberg  Argusville, North Dakota  
  Morgan M. Longtin  Cavalier, North Dakota  
  Anna R. Love  Edlid, Minnesota  
  Samantha B. Maciejewski  Dassel, Minnesota  
  Rachel McDonald  Cottage Grove, Minnesota  
  Courtney L. McGrath  Andover, Minnesota  
  Shelby L. McRae  Bemidji, Minnesota  
  Kristina M. Mikkelson  Kintyre, North Dakota  
  Austin J. Mill  Scottsdale, Arizona  
  Ayan A. Mohamed  Shakopee, Minnesota  
  Barlin A. Mohamud  Burnsville, Minnesota  
  Natalie J. Munilaws  Valley City, North Dakota  
  Matthew A. Montgomery  Apple Valley, Minnesota  
  Austin D. Moon  Moorhead, Minnesota  
  Ibtsaam Mustafa  Moorhead, Minnesota  
  Baylie J. Nagel  Rosehill, North Dakota  
  Chelsey T. Niemeyer  Bismarck, North Dakota  
  Aurora F. Obembe  Fargo, North Dakota  
  Sara L. Oliver  Shakopee, Minnesota  
  Shanell Patterson  Fargo, North Dakota  
  Jessica E. Paulson  Dickinson, North Dakota  
  Mara J. Pedersen  West Fargo, North Dakota  
  Ashlee C. Roberts  Bismarck, North Dakota  
  Imelda E. Saucedo Guajardo  Perham, Minnesota  
  Paige M. Sauvageau  Fargo, North Dakota  
  Mattlyn R. Schnit  Minot, North Dakota  
  Joshua L. Schneider  New Ulm, Minnesota  
  Samantha L. Schweigert  Fargo, North Dakota  
  Jessica L. Serr  Linton, North Dakota  
  Alicia E. Sethre  Inver Grove Heights, Minnesota  
  Katelyn J. Severson  Inver Grove Heights, Minnesota  
  Kandace M. Siebert  Baker, Montana  
  Megan K. Smith  Goodrich, North Dakota  
  Kelsey M. Soren  Big Lake, Minnesota  
  Selah G. Sultzner  Fargo, North Dakota  
  Nicolle J. Trenda  Mandan, North Dakota  
  Taylor B. Trenda  Mandan, North Dakota  
  Alexis A. Van Houtte  Waconia, Minnesota  
  Samantha A. Volk  Linton, North Dakota  
  Colton H. Waint  Park River, North Dakota  
  Luticia R. Wallace  Mustang, Oklahoma  
  Mary I. Wanjiku  Shoreview, Minnesota  
  Rachel A. Wentz  Detroit Lakes, Minnesota  
  Kathryn J. Wilber  Melrose, Minnesota  
  Rachelle A. Wirtzfeld  Eden Valley, Minnesota  

- Cum Laude  •• Magna Cum Laude  ••• Summa Cum Laude
Foster J. Leis Dickinson, North Dakota  
Hospitality and Tourism Management
Lexie H. Leukuma Howard Lake, Minnesota  
Hospitality and Tourism Management
Joelle M. Lindstrom Shakopee, Minnesota  
Human Development and Family Science
Seth B. MacLeod Delano, Minnesota  
Sport Management
Mackenzie R. Malewicki Hanover, Minnesota  
Sport Management
Catherine M. Milheve Apple Valley, Minnesota  
Human Development and Family Science
Micaela N. Mjoneas Moorhead, Minnesota  
Sport Management
Andrew D. Moore Crosby, Minnesota  
Sport Management
Rane T. Nelson Havana, North Dakota  
Human Development and Family Science
Regina M. Nyanfor Fargo, North Dakota  
Sport Management
Alvin M. Nyangau  
Mary L. Olhoft Barrett, Minnesota  
Hospitality and Tourism Management
Samuel J. Olson Thief River Falls, Minnesota  
English Education
Summer K. Palmer Fargo, North Dakota  
Apparel, Retail Merchandising and Design
Nathaniel P. Soles Fargo, North Dakota  
Social Science Education
Kaylie O. Pedersen Lake Park, Minnesota  
Apparel, Retail Merchandising and Design
Kristin D. Peterson Prior Lake, Minnesota  
Apparel, Retail Merchandising and Design
Emily R. Pillar Haen, North Dakota  
Human Development and Family Science
Andrea A. Richard M. Bowman, North Dakota  
Human Development and Family Science
Erica M. Romero Buhiel, Kansas  
Human Development and Family Science
Laila E. Roso Fargo, North Dakota  
Human Development and Family Science
Cody A. Rowe Salt Lake, Hawaii  
Social Science Education
Najd R. Ruxell Osudale, Minnesota  
Sport Management
Alyssa P. Schlosser Edgeley, North Dakota  
Mathematics Education
Tiffany J. Schultz Mandan, North Dakota  
Human Development and Family Science
Brittany J. Schumm Walcott, North Dakota  
Human Development and Family Science
Megan A. Schwalbe Center, North Dakota  
Biological Sciences Education
Olukeemi I. Soyomonun Minneapolis, Minnesota  
Apparel, Retail Merchandising and Design
Alyssa A. Stokke Fargo, North Dakota  
Human Development and Family Science
Matthew T. Stone Fargo, North Dakota  
Comprehensive Science Education
Alexis R. Storlie Williston, North Dakota  
Human Development and Family Science
Cody A. Tusler Brainerd, Minnesota  
Sport Management
Kane E. Ueland New Folden, Minnesota  
Social Science Education
Dave J. Vane Fargo, North Dakota  
Social Science Education
Andrew S. Walton Fargo, North Dakota  
Mathematics Education
Elizabeth K. Ward Golden Valley, Minnesota  
Hospitality and Tourism Management
Megan R. Weller Brecken, Minnesota  
Human Development and Family Science
Grant W. Wenernberg Clear Lake, Minnesota  
Social Science Education
Thea C. Weirlinger F. Parka Fargo, North Dakota  
Apparel, Retail Merchandising and Design
Cynthia J. Werner Fargo, North Dakota  
Human Development and Family Science
Katelyn A. Whitedhead Lennus, South Dakota  
Agricultural Education
Lindsay J. Whitson Temecula, California  
Human Development and Family Science
Lillian M. Wiemann Walker, Minnesota  
English Education
Alicia E. Williams Anoka, Minnesota  
Human Development and Family Science
Riley R. Williamson Bloomington, Minnesota  
Human Development and Family Science
Emily R. Wizkta Saug Rapids, Minnesota  
Apparel, Retail Merchandising and Design
Matthew J. Wurning Huntsley, Montana  
Sport Management
Gabriel R. Zempel Waconia, Minnesota  
Social Science Education

DOCTOR OF PHILOSOPHY
Cody R. Gette Physics  
Devils Lake, North Dakota  
“Exploring the Complex Relationships Among Reasoning, Content Understanding, and Intuition in Physics”  
Adviser: Dr. Mla Kryjevskia
Eric M. Krall Coatings and Polymeric Materials  
Winona, Minnesota  
“Development of Novel Resins and Thermosets Derived from Kraft Lignin”  
Adviser: Dr. Dean Webster
Deyang Mi Neuroscience  
West Fargo, North Dakota  
“First-Principles Modeling of Multiple Exciton Generation in Semiconducting Nanostructures: DFT+MBPT+NEGF Approach”  
Adviser: Dr. Andrei Kryjevskia
Mindika Tilan Abeyrathna Nayakasinghe Muduvins Chemistry  
Fargo, North Dakota  
“Fundamental Properties of Two-Dimensional Zeolites”  
Adviser: Dr. Uwe Burghaus
Sara Sollheim Mathematics  
Moorhead, Minnesota  
“Sign Matrix Polytopes”  
Adviser: Jessica Striker
Sandeepreddy Vemula Chemistry  
Nalgonda, India  
“Functionalization of Heterocycles: Metal Catalyzed Approach via Allylation and C-H Activation”  
Adviser: Dr. Gregory R. Cook

MAJOR OF SCIENCE
Pralbhakara Reddy Agasaladinni Reddy Hyderabad, India  
Computer Science
Dawit M. Beshah Addis Ababa, Ethiopia  
Computer Science
Amanda M. Boyer Fargo, North Dakota  
Biology
Krystal D. Grier Fargo, North Dakota  
Chemistry
Asenath X. Hueter Moorhead, Minnesota  
Psychology
Jesse J. Joyce Hickman, Nebraska  
Chemistry
Madhumitha Kakarlapudi Reno, Nevada  
Computer Science
Christopher M. McEwen Sioux Falls, South Dakota  
Applied Statistics
Zhangyu Meng Hangzhou, Zhejiang, China  
Computer Science
Eli L. Peterson West Fargo, North Dakota  
Software Engineering
Pallavi Sharma Ghaziabad, India  
Computer Science

MAGNET OF SOFTWARE ENGINEERING
راعي Anspithi Triumula, India

BACHELOR OF ARTS
Lauren Marciniai Ham Lake, Minnesota  
Biology
Kaylee C. Neubauer St. Peter, Minnesota  
Zoology
Juan P. Panora Ham Lake, Minnesota  
Computer Science
Emma B. Schreifels Becker, Minnesota  
Computer Science

BACHELOR OF SCIENCE
Kaylee N. Abfalter Bismarck, North Dakota  
Psychology
Jacquie M. Abrams Roseau, Minnesota  
Biology
Jalen R. Allison Papillon, Nebraska  
Psychology
Kristen K. Almen Devils Lake, North Dakota  
Psychology
Mark V. Almilite Lakeville, Minnesota  
Psychology
Sheerian E. Amb Fargo, North Dakota  
Psychology
Christian I. Ames Fargo, North Dakota  
Computer Science
Cade E. Amundson West Fargo, North Dakota  
Zoology
Bruce Anderson III Tampa, Florida  
Psychology
Skyler L. Anderson-Buckingham Rothsay, Minnesota  
Psychology
Hannah J. Arbisi French Minnetonka, Minnesota  
Psychology

SOFTWARE ENGINEERING
Pratima Soni Indianapolis, Indiana  
Software Engineering
Ishan M. Subedi San Leandro, California  
Computer Engineering
Jing Jun Zhao Fargo, North Dakota  
Applied Statistics
Yue Zhou Greenbelt, Maryland  
Applied Statistics

HUMAN DEVELOPMENT AND FAMILY SCIENCE
Jill E. Peterson  
Jesse J. Joyce  
Madhumitha Kakarlapudi  
Dawit M. Beshah  
Amanda M. Boyer  
Krystal D. Grier  
Asenath X. Hueter  
Jesse J. Joyce  
Madhumitha Kakarlapudi  
Christopher M. McEwen  
Zhangyu Meng  
Eli L. Peterson  
Pallavi Sharma  
Foster J. Leis  
Lexie H. Leukuma  
Joelle M. Lindstrom  
Seth B. MacLeod  
Mackenzie R. Malewicki  
Catherine M. Milheve  
Micaela N. Mjoneas  
Andrew D. Moore  
Rane T. Nelson  
Regina M. Nyanfor  
Alvin M. Nyangau  
Mary L. Olhoft  
Samuel J. Olson  
Summer K. Palmer  
Nathaniel P. Soles  
Kaylie O. Pedersen  
Kristin D. Peterson  
Emily R. Pillar  
Andrea A. Richard  
Erica M. Romero  
Laila E. Roso  
Cody A. Rowe  
Najd R. Ruxell  
Alyssa P. Schlosser  
Tiffany J. Schultz  
Brittany J. Schumm  
Megan A. Schwalbe  
Olukeemi I. Soyomonun  
Alyssa A. Stokke  
Matthew T. Stone  
Alexis R. Storlie  
Cody A. Tusler  
Kane E. Ueland  
Dave J. Vane  
Andrew S. Walton  
Elizabeth K. Ward  
Megan R. Weller  
Grant W. Wenernberg  
Thea C. Weirlinger  
Cynthia J. Werner  
Katelyn A. Whitedhead  
Lindsay J. Whitson  
Lillian M. Wiemann  
Alicia E. Williams  
Riley R. Williamson  
Emily R. Wizkta  
Matthew J. Wurning  
Gabriel R. Zempel  

Doctor of Philosophy
Cody R. Gette Physics
Devils Lake, North Dakota
“Exploring the Complex Relationships Among Reasoning, Content Understanding, and Intuition in Physics”
Adviser: Dr. Mla Kryjevskia
Eric M. Krall Coatings and Polymeric Materials
Winona, Minnesota
“Development of Novel Resins and Thermosets Derived from Kraft Lignin”
Adviser: Dr. Dean Webster
Deyang Mi Neuroscience
West Fargo, North Dakota
“First-Principles Modeling of Multiple Exciton Generation in Semiconducting Nanostructures: DFT+MBPT+NEGF Approach”
Adviser: Dr. Andrei Kryjevskia
Mindika Tilan Abeyrathna Nayakasinghe Muduvins
Chemistry
Fargo, North Dakota
“Fundamental Properties of Two-Dimensional Zeolites”
Adviser: Dr. Uwe Burghaus
Sara Sollheim Mathematics
Moorhead, Minnesota
“Sign Matrix Polytopes”
Adviser: Jessica Striker
Sandeepreddy Vemula Chemistry
Nalgonda, India
“Functionalization of Heterocycles: Metal Catalyzed Approach via Allylation and C-H Activation”
Adviser: Dr. Gregory R. Cook

Bachelor of Arts
Lauren Marciniai Ham Lake, Minnesota
Biology
Kaylee C. Neubauer St. Peter, Minnesota
Zoology
Juan P. Panora Ham Lake, Minnesota
Computer Science
Emma B. Schreifels Becker, Minnesota
Computer Science

Bachelor of Science
Kaylee N. Abfalter Bismarck, North Dakota
Psychology
Jacquie M. Abrams Roseau, Minnesota
Biology
Jalen R. Allison Papillon, Nebraska
Psychology
Kristen K. Almen Devils Lake, North Dakota
Psychology
Mark V. Almilite Lakeville, Minnesota
Psychology
Sheerian E. Amb Fargo, North Dakota
Psychology
Christian I. Ames Fargo, North Dakota
Computer Science
Cade E. Amundson West Fargo, North Dakota
Zoology
Bruce Anderson III Tampa, Florida
Psychology
Skyler L. Anderson-Buckingham Rothsay, Minnesota
Psychology
Hannah J. Arbisi French Minnetonka, Minnesota
Psychology

College of Science and Mathematics
Candidates will be presented by Dean Scott Wood and marshaled by Dr. Ron Degges and student marshal Alex Heeess.
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 nearly 14,000 students during fall 2018 in its undergraduate and graduate programs. Approximately 95 percent of NDSU students are in face-to-face, traditional classroom-based courses, a figure that leads the state by a large margin.

NDSU excels in areas of innovative and technology-driven research, with more than $153 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, psychology and social sciences, based on reported research expenditures.
THE ACADEMIC PROCESSIONAL

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

ACADEMIC APPAREL

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

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

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

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

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

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

<table>
<thead>
<tr>
<th>Color</th>
<th>Field of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>blue violet</td>
<td>Architecture</td>
</tr>
<tr>
<td>white</td>
<td>Arts, Letters and Humanities</td>
</tr>
<tr>
<td>copper</td>
<td>Economics</td>
</tr>
<tr>
<td>light blue</td>
<td>Education</td>
</tr>
<tr>
<td>orange</td>
<td>Engineering</td>
</tr>
<tr>
<td>brown</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>crimson</td>
<td>Communication</td>
</tr>
<tr>
<td>purple</td>
<td>Law</td>
</tr>
<tr>
<td>lemon</td>
<td>Library Science</td>
</tr>
<tr>
<td>pink</td>
<td>Music</td>
</tr>
<tr>
<td>dark blue</td>
<td>Philosophy</td>
</tr>
<tr>
<td>sage green</td>
<td>Physical Education</td>
</tr>
<tr>
<td>salmon pink</td>
<td>Public Health</td>
</tr>
<tr>
<td>gold</td>
<td>Science</td>
</tr>
<tr>
<td>scarlet</td>
<td>Theology</td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>Color</th>
<th>Field of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>maize</td>
<td>Agriculture, Food Systems,</td>
</tr>
<tr>
<td>brown</td>
<td>and Natural Resources</td>
</tr>
<tr>
<td>white</td>
<td>Landscape Architecture and</td>
</tr>
<tr>
<td></td>
<td>Environmental Design</td>
</tr>
<tr>
<td>drab</td>
<td>Arts, Humanities and Social</td>
</tr>
<tr>
<td></td>
<td>Sciences</td>
</tr>
<tr>
<td>light blue</td>
<td>Education</td>
</tr>
<tr>
<td>orange</td>
<td>Engineering</td>
</tr>
<tr>
<td>maroon</td>
<td>Human Development</td>
</tr>
<tr>
<td>apricot</td>
<td>Nursing</td>
</tr>
<tr>
<td>olive green</td>
<td>Pharmacy</td>
</tr>
<tr>
<td>golden yellow</td>
<td>Science and Mathematics</td>
</tr>
<tr>
<td>white</td>
<td>University Studies</td>
</tr>
</tbody>
</table>

UNIVERSITY MACE

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

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

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

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

Other academic honors include the following:

**GOLDEN KEY, international honor society:** A gold medallion on a blue and gold ribbon 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 academic qualities within the top 3 percent of juniors and seniors from all disciplines who are in the top 15 percent of their class.

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

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

**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 under-graduate 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), national human development and education society:** Double cords of entwined purple, white and yellow are worn around the neck. Academic achievement must be within the top 35 percent of majors in the field who qualify for membership.

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

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

**PI TAU SIGMA, international mechanical engineering honor society:** A white stole with the Pi Tau Sigma coat of arms is worn around the neck. To qualify, juniors in the mechanical engineering program must be in the top 25 percent of their class; as non-graduating seniors, members must be in the top 35 percent of their class.

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

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

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

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

**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

1940

1943

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

1948
O. A. Stevens, D.Sc.

1949
Jack Pyle, L.L.D. Dr. F. L. Howde, L.L.D.

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

1951
Clyde H. Bailey, D.Sc.

1952
D. Milton Ladd, L.L.D.

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

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

1955

1956
Roy Johnson, D.Sc.

1957
John Haw, D.Sc.

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

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

1960

1961
E. J. Haslerud, D.Sc.

1962

1963

1964

1965

1966

Special Convocation

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

1967

1968

During Inaugural

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

1969
Clifford H. Willson, D.Sc.

1970

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

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

1973

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, L.L.D. Thomas S. Kleppe, L.L.D. Satening S. St.Marie, L.L.D.

1977

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

1979
Roland F. Harding, D.Sc.

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

1981

1982

1983

1984
Brynild Haugland, L.L.D.

1985

1986

1987
Robert M. Hendrickson, L.L.D.

1988

1989

1990

1991

1992
Stanley W. Bale, D.Sc.

1993
Lloyd Thompson, D.Sc.

1994

1995
Dr. Robert O. Brandenburg, D.Sc. William C. Maceil, Litt.D. George A. Sinner, L.H.D.

1996
Jean Mason Guy, L.H.D. Peter Schickele, D.F.A.

1997
Dr. Jack F. Carter, D.Sc. Robert N. Spolum, L.L.D.

1998
Dr. Philip E. Austin, L.L.D. Dr. A. Catherine Cater, D.F.A. Dr. Evelyn R. Morrow Lebedeff, L.L.D.

1999

2000

2001
Dr. Jack F. Carter, D.Sc. Dr. A. Catherine Cater, D.F.A. Dr. Evelyn R. Morrow Lebedeff, L.L.D.

2002
Dr. Robert O. Brandenburg, D.Sc. William C. Maceil, Litt.D. George A. Sinner, L.H.D.

2003
Dr. A. Catherine Cater, D.F.A. Michael E. Hanson, D.Sc.

2004
General Charles F. Wald, L.L.D.

2005
James Rosenquist, D.F.A.

2006
Steve Swiontek, L.L.D.

2007
Russell F. Freeman, L.L.D.

2008
Frank Jennings, L.L.D.

2009
James Rosenquist, D.F.A.

2010
Esther Myers, L.L.D.

2011
Robert Challey, L.L.D.

2012
Barry Batcheller, D. Sc.

2013
Gregg Halverson, D. Agr.

2014
Dr. Myron D. Johnsrud, D. Agr.

2015
Dr. H. Roald Lund, D. Agr.

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

2017
Dr. H. Roald Lund, D. Agr.

2018
Spencer Duin, D. Sc.

HONORARY DOCTORATES

- HONORS CAUSA
  D. Agr. Agriculture
  D. F.A. Fine Arts
  D. Hum.Lett. Human Letters
  D. Mus. Music
  D. Sc. Science
  D. Sc. in Mil. Sci. Military Science
  J.D. Laws
  Litt.D. Humanities
  LL.D. Letters

2019
Dr. Beverly Pfeifer Lynch, D.F.A.

2020
Byron Dorgan, L.L.D.

2021
Dr. Calvin Fercho, D. Sc.

2022
Dr. Myron D. Johnsrud, D. Agr.

2023
Dr. Estelle Myers, L.L.D.

2024
Barry Batcheller, D. Sc.

2025
Gregg Halverson, D. Agr.

2026
Dr. Myron D. Johnsrud, D. Agr.

2027
Dr. H. Roald Lund, D. Agr.

2028
Spencer Duin, D. Sc.
ACKNOWLEDGMENTS

STAGE PARTY

Dr. Dean L. Bresciani  
President

Dr. Allan Ashworth  
University Distinguished Professor of Geosciences

Dr. Scott Beaulier  
College of Business, Dean

Tyler Berg  
Student Soloist

Dr. David Bertolini  
College of Arts, Humanities and Social Sciences, Dean

Dr. David Buchanan  
College of Agriculture, Food Systems, and Natural Resources, Associate Dean

Spencer Duin  
Honorary Doctorate Candidate

Dr. Elias Elias  
University Distinguished Professor of Plant Sciences

Dr. Margaret Fitzgerald  
College of Human Development and Education, Dean

Dr. Erin Gillam  
Faculty Senate, President

Dr. Kenneth Grafion  
Provost

Dr. Tom Isern  
University Distinguished Professor of History and Religion

Colonel Debra Lien  
North Dakota Army National Guard, Director of Human Resources

Dr. Kalpana Katti  
University Distinguished Professor of Civil Engineering

Dr. Michael Kessler  
College of Engineering, Dean

Dr. Jo Ann Miller  
University Distinguished Professor of Music

Dr. Joe Mocnik  
Libraries, Dean

Don Morton  
North Dakota University System State Board of Higher Education

Aurora Obembe  
Student Speaker

Dr. Laura Oster-Aaland  
Student Affairs and Enrollment Management, Vice Provost

Dr. Charles Peterson  
College of Health Professions, Dean

Dr. Larry Reynolds  
University Distinguished Professor of Animal Science

Dr. Jane Schuh  
Research and Creative Activity, Vice President

Dr. Maria-Claudia Tomany  
College of Graduate and Interdisciplinary Studies, Dean

Dr. Scott Wood  
College of Science and Mathematics, Dean

COMMENCEMENT MARSHALS

Dr. Kim Bruemmer  
Candidate Marshal

Dr. Edward Deckard  
Faculty Marshal

Dr. Erin Gillam  
Stage Marshal

Kay Hopkins  
Candidate Marshal

Rian Nostrum  
Candidate Marshal

Casey Peterson  
Candidate Marshal

Dr. Tim Peterson  
Candidate Marshal

Dr. Erika Beseler Thompson  
Candidate Marshal

READERS

Rebecca Bahe  
Residence Life

Wendy McCrory  
Information Technology

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

Hali Haugen  
Registration and Records

Mike Paolini  
Registration and Records

Assisted by members of Association of Transportation and Logistics, Athletic Training Organization, Chemistry and Biochemistry Graduate Student Association, College Music Society, FarmHouse Fraternity, IEEE - Eta Kappa Nu, National Society of Black Engineers, NDSU Hip Hop Team and Tri-Delta.

THIS PROGRAM IS NOT AN OFFICIAL GRADUATION LIST.

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

NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to: Vice Provost, Title IX/ADA Coordinator, Old Main 201, 701-231-7708, ndsu.eoaa@ndsu.edu.
Oh, say can you see by the dawn’s early light,
What so proudly we hailed at the twilight’s last gleaming?
Whose broad stripes and bright stars, thru the perilous fight,
O’er the ramparts we watched, were so gallantly streaming?
And the rockets’ red glare, the bombs bursting in air,
Gave proof through the night that our flag was still there.
Oh, say does that star-spangled banner yet wave
O’er the land of the free and the home of the brave?

Ho! a cheer for green and yellow
Up with yellow and the green,
They’re the shades that deck our prairies
Far and wide with glorious sheen,
Fields of waving green in springtime
Golden yellow in the fall —
How the great high-arching heaven
Looks and laughs upon it all.

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

BY FRANCIS SCOTT KEY

THE STAR SPANGLED BANNER

THE YELLOW AND THE GREEN

NORTH DAKOTA STATE UNIVERSITY