WINTER COMMENCEMENT
DECEMBER 15, 2017

President Dean L. Bresciani presiding

PROCIDENTAL ........................................ 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
Hana Trump, Student Soloist

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

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

GREETINGS ........................................... DR. KEVIN MELICHER
North Dakota University System
State Board of Higher Education

INTRODUCTION OF STUDENT SPEAKER ........... DEAN MICHAEL KESSLER
College of Engineering

STUDENT ADDRESS ............................. HANNAH QUADE
Graduating Class Representative

ADMINISTRATION OF OATH
TO SECOND LIEUTENANT CANDIDATES ........ MAJOR (P) BENJAMIN KILGORE
Professor of Military Science, ARMY ROTC
North Dakota State University
PRESENTATION OF CANDIDATES FOR DEGREES .......................................................... DR. BETH INGRAM Provost

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

PRESENTATION OF COLLEGES
Graduate and Interdisciplinary Studies | pg. 5 .......................................................... Dean Maria-Claudia Tomany
Agriculture, Food Systems, and Natural Resources | pg. 7 ..................................................... Vice President, Dean and Director Kenneth Grafton
Arts, Humanities and Social Sciences | pg. 10 .......................................................... Interim Dean David Bertolini
Business | pg. 13 .......................................................... Dean Scott Beaulier
Engineering | pg. 16 .......................................................... Dean Michael Kessler
Health Professions | pg. 19 .......................................................... Dean Charles Peterson
Human Development and Education | pg. 21 .......................................................... Dean Margaret Fitzgerald
Science and Mathematics | pg. 24 .......................................................... 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
Hana Trump, Student Soloist

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

Please remain seated until the recessional concludes.
CANDIDATES FOR APPOINTMENT TO SECOND LIEUTENANT

DEPARTMENT OF MILITARY SCIENCE
(ARMY ROTC) COMMISSIONEES

Brian A. Anderson Harvey, North Dakota
Active Duty
Daniel R. Boland St. Paul, Minnesota
North Dakota National Guard
Cody A. Hanson Red Lake Falls, Minnesota
Colorado National Guard
Jacob O. Hausdorf Poulso, Washington
Washington National Guard
Jonathan G. Hwang Andover, Minnesota
North Dakota National Guard
Andrew C. Johnson Waconia, Minnesota
Minnesota National Guard
Neal D. Knezovich St. Paul, Minnesota
Minnesota National Guard
Conrad P. Roberts Battle Lake, Minnesota
North Dakota National Guard
Tory M. Vetter Fargo, North Dakota
North Dakota National Guard

DEPARTMENT OF AEROSPACE STUDIES
(AIR FORCE ROTC) COMMISSIONEES

Elizabeth M. Foy Sioux Falls, South Dakota
Active Duty Air Force

CLASS REPRESENTATIVE

Hannah Quade who is a native of Bagley, Minnesota, is receiving a Bachelor of Science degree in industrial engineering and management. She has been active in the NDSU College of Engineering Ambassadors, as well as a member of the Society of Women Engineers. During spring 2015, she participated in a Students Today Leaders Forever service project tour that included stops in Wisconsin, Indiana, Pennsylvania and New Jersey before reaching Washington, D.C. Her scholarships included the Dean Joseph Stanislao Scholarship, Gordon Heller Scholarship and Phillip W. Ruud Scholarship. She has accepted a position as a manufacturing engineer with Integrity Windows and Doors of West Fargo, and hopes to return to NDSU to earn a Master of Business Administration.

SOLOIST

Hana Trump from Plymouth, Minnesota, studied voice under Virginia Sublett, emerita professor of music, while pursuing her Bachelor of Music degree in vocal music education. At NDSU, she was a member of the BisonArts Singers and Madrigal Singers. She also was a four-year member of the NDSU Concert Choir, where she was president and alto section leader. She was a soloist for three consecutive years of “Messiah” performances with the NDSU choirs. During her senior year, she was the undergraduate student director of Cantemus, NDSU’s women’s choir. She participated in many performances, including Handel’s “Messiah,” Orff’s “Carmina Burana,” Mahler’s Second Symphony, Menotti’s opera “Amahl and the Night Visitors,” the annual Madrigal Dinner and Bach’s “St. John’s Passion.” She recently completed her student teaching placement at Zachary Lane Elementary School and Wayzata High School, Plymouth, Minnesota. She plans a career as a choral director and music educator.
DOCTOR OF PHILOSOPHY

Baljeet K. Gill  Genomics and Bioinformatics
Balch Springs, Texas
B.S., Punjab University
M.S., Punjab Agricultural University
“Identification and Introgression of Novel Genes for Stem Rust UG99 Resistance from Relative Species of Wheat”
Adviser: Dr. Steven S. Xu

Nazeera H. Khan Chowdhury  Environmental and Conservation Science
Khulna, Bangladesh
B.S., Khulna University
M.S., South Dakota State University
“Agroecological Land Conversion: A Spatial Simultaneous Equation Approach”
Adviser: Dr. David C. Roberts

Chaipon Juntawang  Environmental and Conservation Science
Lamphun, Thailand
B.S., Chiang Mai University
M.S., Chiang Mai University
“Cell Entrapment for Mitigating Fouling in Membrane Bioreactors Treating Domestic Wastewater”
Adviser: Dr. Eakalak Khan

Nurun Nahar  Environmental and Conservation Science
West Fargo, North Dakota
B.S., University of Dhaka
M.S., University of Dhaka
M.S., University of Manitoba
“Pelleted Biomass to Industrial Sugar: Potential Processing and Environmental Impacts”
Adviser: Dr. Scott Pryor

Katie Needham  Environmental and Conservation Science
Fargo, North Dakota
B.S., North Carolina State University
M.S., North Carolina State University
“Sex-Specific Difference in Physiological Preparation for Breeding in Songbirds”
Adviser: Dr. Timothy Greives

Md. Rezwanul Parvez  Environmental and Conservation Science
Khulna, Bangladesh
B.S.S., Khulna University
M.S., South Dakota State University
“Essays on Land Conversion, Crop Acreage Response, and Assessment of Conservation Practices”
Adviser: Dr. David Ripplinger

Lisa S. Preister  Natural Resources Management
Fargo, North Dakota
B.S., University of Colorado
M.S., Columbus State University
“Identifying Smooth Brome Elongation Using the Correlation of Mean Stage Count and Accumulated Growing Degree Days”
Adviser: Dr. Edward DeKeyser

Dhritikshama Roy  Environmental and Conservation Science
Raiganj, India
B.S., Raiganj University College
M.S., University of Kalyani
M.S., Nicholls State University
“Ammonia Oxidizing Archaea in Engineered Water and Wastewater Systems: Presence, Activity, Relationship to Heavy Metal Inhibition and Disinfectants”
Adviser: Dr. Eakalak Khan

Jonathan W. Spiess  Natural Resources Management
Industry, Texas
B.S., Texas Tech University
M.S., North Dakota State University
“Energy-Related Traffic Increases Fugitive Dust: Has Mixed Effects on Bakken Cropland Trophic Levels”
Adviser: Dr. Devan McGranahan

Chad Walock  Cellular and Molecular Biology
Horace, North Dakota
B.S., North Dakota State University
“The Discovery of a Novel Growth Hormone Receptor and the Nutritional Regulation of the Growth Related Actions of Growth Hormone”
Adviser: Dr. Wendy Reed

Wei Zhang  Genomics and Bioinformatics
Fargo, North Dakota
B.S., Changchun’s University of Technology
M.S., Huazhong Agricultural University
“Characterization and Manipulation of the Wheat B Genome”
Adviser: Dr. Xiwen Cai
MASTER OF NATURAL RESOURCES MANAGEMENT

**Madelaine Rehn** East Grand Forks, Minnesota  
B.S., North Dakota State University

**Jordan D. Roob** Sartell, Minnesota  
B.S., North Dakota State University

**Connor B. Swanson** Bowman, North Dakota  
B.S., North Dakota State University

**Kristine M. Altrichter** Pine Island, Minnesota  
Natural Resource Management  
B.S., Creighton University

**Boonsiri Dandumrongsin** Fargo, North Dakota  
Environmental and Conservation Science  
B.S., Chulalongkorn University

**Theresa M. Elder** Fargo, North Dakota  
Materials and Nanotechnology  
B.A., Minot State University

**Soklida Hong** Lamphun, Thailand  
Environmental and Conservation Science  
B.S., Royal University of Agriculture

**Derek Klostermeier** Bismarck, North Dakota  
Natural Resources Management  
B.S., Bemidji State University

**Marina Arino Martin** Malaga, Spain  
Environmental and Conservation Science

**Lucy Mazaheri** Northfield, Minnesota  
Genomics and Bioinformatics  
B.S., North Dakota State University

**Joseph T. Orr** Benson, Minnesota  
Natural Resources Management  
B.S., Valley City State University

**Amanda R. Peters** Lonsdale, Minnesota  
Genomics and Bioinformatics  
B.A., University of Minnesota-Morris

MASTER OF TRANSPORTATION AND URBAN SYSTEMS

**Natasha Longpine** Moorhead, Minnesota  
B.S., University of North Dakota  
B.S., University of North Dakota
DOCTOR OF PHILOSOPHY

Eduardo Ivan Faundez Pena Entomology
Fargo, North Dakota
B.S., Universidad de Magallanes
“Conспектus of the Tribe Aeptini (Hemiptera: Heteroptera: Pentatomidae)”
Adviser: Dr. David Rider

Aaron L. Field Range Science
Chadron, Nebraska
B.S., University of Jamestown
M.S., North Dakota State University
“An Exploration of the Effects of Cattle Grazing, Prairie Dog Activity, and Ecological Site on Plant Community Composition and Western Wheatgrass Vegetative Reproduction in Northern Mixed Grass Prairie”
Adviser: Dr. Kevin K. Sedivec

James Kopco Entomology
Johnstown, Pennsylvania
B.S., Cornell University
“Behaviors Mediate Aphid Interactions with Natural Enemies and the Environment”
Adviser: Dr. Jason Harmon

Seyedmojtaba Mansouriipur Plant Pathology
Bandar, Iran
B.S., Shahid Bahonar University of Kerman
M.S., Tarbutan Modares University of Tehran
“Screening and Identification Sources of Resistance to Blackleg (Leptosphaeria Maculans) in Canola (Brassica Napus) Germplasm”
Adviser: Dr. Luis del Rio Mendoza

Michael Metzger Plant Pathology
Elizabeth, Minnesota
B.S., North Dakota State University
M.S., North Dakota State University
“Molecular Identification and Characterization of a Novel Bacterial Soft Rot of Sugarbeet in North America”
Adviser: Dr. Gary Secor

Peter L. O’Brien Soil Science
Fargo, North Dakota
B.A., Grinnell College
M.S., North Dakota State University
“Soil Function Following Remediation Using Ex Situ Thermal Desorption”
Adviser: Dr. Thomas DeSutter

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

Erin Endres Carrington, North Dakota
Plant Sciences
B.S., North Dakota State University

Steffen Falde Fargo, North Dakota
Plant Sciences
B.S., North Dakota State University

Melissa M. Geiszler Mayer, Minnesota
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B.S., University of Minnesota-Crookston

Austen Germongoulas Ada, Minnesota
Animal Sciences
B.S., North Dakota State University

Franco A. Weisser Gomez Chillian, Chile
International Agribusiness
B.S., Universidad de Concepcion
M.S., Universidad de Concepcion

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B.S., North Dakota State University

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B.S., Universidad de San Carlos de Guatemala

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B.S., Panamerican Agricultural School

Randy S. Nelson Moorhead, Minnesota
Horticulture
B.S., University of Minnesota-Crookston

Ian Pritchard Fargo, North Dakota
Plant Sciences
B.S., North Dakota State University

MASTER OF SCIENCE

Woo-Sik Cho Goyang, South Korea
Animal Science
B.S., North Dakota State University

Nicholas R. Dolan Rosemount, Minnesota
Agribusiness and Applied Economics
B.S., North Dakota State University

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Samantha K. Hogstad Blue Earth, Minnesota
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B.S., University of Colombo

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B.S., North Dakota State University
Kevin Rue Rochert, Minnesota
Plant Sciences
B.S., Iowa State University

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Plant Sciences
B.S., North Dakota State University

Nicholas J. Schimek Deer River, Minnesota
Plant Sciences
B.S., North Dakota State University

Kristi R. Schweiss Chisholm, Minnesota
Agribusiness and Applied Economics
B.S., North Dakota State University

Sara Lebadney Smith Minot, North Dakota
Microbiology
B.S., Minot State University
B.S.E., Minot State University

Jordan D. Stanley Fargo, North Dakota
Plant Sciences
B.S., Boise State University

Bethany Stebbins Fargo, North Dakota
Cereal Science
B.S., University of Minnesota-Crookston

Maria G. Tobar Pinon Chimaltenango, Guatemala
Plant Sciences
B.S., Zamonano University

Rebecca Trubitt Bismarck, Arizona
Range Science
B.S., University of Arkansas-Fayetteville

Danindu A. Udalambahtha Gamage Galle, Sri Lanka
Agribusiness and Applied Economics
B.S., North Dakota State University

Katelynn A. Walter Dickinson, North Dakota
Plant Sciences
B.S., Dickinson State University

BACHELOR OF SCIENCE
Mackenzie K. Alexander Minneapolis, Minnesota
Natural Resources Management

Alexandra T. Anderson St. Bonifacius, Minnesota
Animal Science

Rebecca L. Anderson Leonard, North Dakota
Animal Science
Crop and Weed Sciences

John M. Arzt Harwood, North Dakota
Crop and Weed Sciences

Evans M. Bailey Mound, Minnesota
Animal Science

Rachel A. Baniecke Forest Lake, Minnesota
Animal Science

Eric J. Barker Moorhead, Minnesota
Agricultural Economics

Dylan M. Barry Ashby, Minnesota
Crop and Weed Sciences

Jason D. Beck Harvey, North Dakota
Agribusiness

Sean I. Benson Bagley, Minnesota
Animal Science

Jamison D. Bernstein Casselton, North Dakota
Crop and Weed Sciences

Kara M. Berntson Kulm, North Dakota
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Kendal M. Bjorklund Henning, Minnesota
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Shelby A. Braaten Portland, North Dakota
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Nicholas P. Breidenbach Napoleon, North Dakota
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Kristin G. Brown Great Falls, Montana
Equine Science

Anthony C. Buche Oakdale, Minnesota
Food Science

Xingwang Cai Hangzhou, Zhejiang, China
Food Safety

Hoaming Chen Hangzhou, Zhejiang, China
Food Safety

Logan C. Cunningham Lansford, North Dakota
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Austin M. Dale Jamestown, North Dakota
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Cole M. Davis Kearney, Missouri
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Ann I. Denk Mondovi, Wisconsin
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Heidi R. Eberhardt Wahpeton, North Dakota
General Agriculture

Miranda R. Eckholm Stacy, Minnesota
Animal Science

Andrew M. Ellefson Ulen, Minnesota
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Kelli J. Evans Lemmon, South Dakota
General Agriculture

Adam Q. Fellbaum Swanville, Minnesota
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Grant R. Fischer Fargo, North Dakota
Biotechnology

Tanner J. Fischer Amidon, North Dakota
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Austin W. Fitterer New England, North Dakota
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Kallen J. Freeman Devils Lake, North Dakota
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Abby J. Ganyo Pelican Rapids, Minnesota
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Michele E. Green Greenbush, Minnesota
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Hailey A. Greenwalt Virginia, Minnesota
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Walker R. Griffin Fargo, North Dakota
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Shelby L. Hanson Williston, North Dakota
Animal Science

Joel Harrison Morris, Minnesota
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Dylan P. Hauf Max, North Dakota
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Alexis Hoelmer Nisswa, Minnesota
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Brayden P. Hofer Larimore, North Dakota
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Jaden M. Horsted Jamestown, North Dakota
Crop and Weed Sciences

Tianqi Hua Kashua, Quzhou, China
Food Safety

Tyler M. Humann Linton, North Dakota
Crop and Weed Sciences

Jakob O. Hurt Hillsboro, North Dakota
Agricultural Economics
Nur Isaak Fargo, North Dakota  
Microbiology

Kayla A. Jacob Kintyre, North Dakota  
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Cassandra A. Jaeger Rugby, North Dakota  
Agricultural Economics

Samaneh Khavari Moorhead, Minnesota  
Microbiology

Da Eun Kim Guri, South Korea  
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** Ross A. Knoll ** Ashley, North Dakota  
Agricultural Systems Management

Joshua J. Krank  
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Microbiology

** Jessi R. Lagein ** Rocklake, North Dakota  
Animal Science

Emilee M. Le Clair Keene, North Dakota  
Animal Science

Justin J. Leier  
Kintyre, North Dakota  
Crop and Weed Sciences

Taylor H. Lundebrak  
Lowry, Minnesota  
Agriscience

Jaime L. Lundquist  
Hamden, North Dakota  
Agricultural Economics

August L. Maciej  
Little Falls, Minnesota  
Crop and Weed Sciences

Eva R. Magnuson  
Richfordton, North Dakota  
Crop and Weed Sciences

Karissa J. Malin  
Minden, Nevada  
Animal Science

Cody J. Matthees  
Lake Park, Minnesota  
Agriscience

Marshal J. Marihart Graceville, Minnesota  
Crop and Weed Sciences

Benjamin R. Mattson  
Leonard, North Dakota  
Agricultural Systems Management

Anthony F. McCauley II  
Bloomington, Illinois  
Food Science

Connor McNamara  
Bird Island, Minnesota  
Agricultural Systems Management

Lucas S. Mondry  
Forest River, North Dakota  
Crop and Weed Sciences

Betty J. Nellen  
Mount Pleasant, Wisconsin  
Equine Science  
Spanish

Seth E. Nelson  
Hancock, Minnesota  
Agricultural Economics

Lucas J. Nord  
Wolverton, Minnesota  
Animal Science

Jared D. Oachs  
Herman, Minnesota  
Agricultural Economics

Amanda L. Oberg  
Grand Forks, North Dakota  
Agricultural Economics

** Keylee R. Odden ** Rugby, North Dakota  
Agricultural Economics

Gabe Z. Okins  
Willmar, Minnesota  
Agricultural Economics

Bryce J. Orth  
Wynndme, North Dakota  
Agricultural Economics

Thomas E. Osterbauer  
Oakdale, Minnesota  
Crop and Weed Sciences

Aryn P. Parker  
Fargo, North Dakota  
Animal Science

Andrew J. Praus  
Wanamingo, Minnesota  
General Agriculture

Shane J. Quiridumbay Verdugo  
Minneapolis, Minnesota  
Biotechnology

Gabrielle Rabb  
Star Prairie, Wisconsin  
General Agriculture

Jordan K. Rasmussen  
West Fargo, North Dakota  
Economics

** Kady R. Rath ** McClusky, North Dakota  
Veterinary Technology

Dallas R. Rieland  
Melrose, Minnesota  
Crop and Weed Sciences

Alexandra M. Romantic  
Allison Park, Pennsylvania  
Veterinary Technology

Kimberly M. Schaper  
Shell Lake, Wisconsin  
Natural Resources Management

Jacob Schecher  
Hutchinson, Minnesota  
Agricultural Economics

Andrew D. Scheldorf  
Chokio, Minnesota  
Horticulture

Macius M. Schroeder  
Renville, Minnesota  
Crop and Weed Sciences

Jake K. Schwendemann  
De Graff, Minnesota  
Crop and Weed Sciences

** Kaleb J. Sell ** Oakes, North Dakota  
Agricultural Economics

Jessica D. Sheets  
Lakeville, Minnesota  
Veterinary Technology

Alyssa J. Sorum  
Wahpeton, North Dakota  
Animal Science

Jon M. Stabler  
Strasburg, North Dakota  
Crop and Weed Sciences

Chantel L. Staiger  
Glen Ullin, North Dakota  
Range Science

Alex G. Stangel  
Fargo, North Dakota  
Microbiology

Emera E. Strege  
Lidgerwood, North Dakota  
Veterinary Technology

Aaron R. Subart  
Robinson, North Dakota  
Animal Science

Hannah K. Swenson  
Burke, Virginia  
Equine Science

Morgan S. Trester  
Eyota, Minnesota  
Equine Science  
Animal Science

Gabrielle A. Valenzuela  
Evergreen, Colorado  
Crop and Weed Sciences

** Dustin D. Valex ** Taylors Falls, Minnesota  
Crop and Weed Sciences

Jamie E. Wahler  
Barney, North Dakota  
Agricultural Systems Management

Taylor A. Waugh  
Goodhue, Minnesota  
Crop and Weed Sciences

Sara A. Wiedeholt  
West Fargo, North Dakota  
Microbiology

Dylan W. Wilkens  
Ada, Minnesota  
Agricultural Economics

Shania B. Wilson  
Bismarck, North Dakota  
Veterinary Technology

Chet H. Zapzalka  
Sartell, Minnesota  
Natural Resources Management

Jie Zhang  
Zhejiang, China  
Food Safety

Yiming Zhang  
Zhejiang, China  
Food Safety

* Cum Laude  ** Magna Cum Laude  *** Summa Cum Laude
DOCTOR OF MUSICAL ARTS

Brian S. Hanegan  
Music  
Sioux Falls, South Dakota  
B.M.E., Northern State University  
M.A., University of South Dakota  
“A Performer’s Analysis and Improvisational Guide to Jazz Sonata for Soprano Saxophone and Piano by Ramon Ricker”  
Adviser: Dr. Matthew Patnode

DOCTOR OF PHILOSOPHY

Derek A. Jorgenson  
Communication  
Newell, Iowa  
B.U.S., Dickinson State University  
M.A., North Dakota State University  
“Post-Mortem Muting”  
Adviser: Dr. Mark Meister

Justin S. Motto  
Communication  
Stephenson, Michigan  
B.S., Central Michigan University  
M.A., Central Michigan University  
“Leaving a Lasting Impression: The Role of Foundational Family, Privacy, and Gender Messages on Coming Out Disclosures”  
Advisers: Dr. Ann Burnett and Dr. Carrie Anne Platt

Rebecca West  
Rhetoric, Writing and Culture  
Verona, North Dakota  
B.A., North Dakota State University  
M.A., Minnesota State University-Moorhead  
“Rhetorical Stories of Food Labels”  
Adviser: Dr. Dale Sullivan

Gary L. Zaugg  
Rhetoric, Writing and Culture  
Moorsville, North Carolina  
B.A., University of Utah  
J.D., University of Utah  
M.A., University of St. Thomas  
“The Trial of Alice Clifton: Judicial Catharsis in Institutional Bias”  
Adviser: Dr. Verna Thiele

DOCTOR OF ARTS

Candidates will be presented by Interim Dean David Bertolini and marshaled by Dr. Bradley Benton and student marshal Griffin Birmingham.
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Major</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alexandra J. Howatt</td>
<td>Argusville, North Dakota</td>
<td>Anthropology</td>
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<td>Fadumo A. Ibrahim</td>
<td>Fargo, North Dakota</td>
<td>Sociology</td>
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<td>Charli A. Joergensen</td>
<td>Fergus Falls, Minnesota</td>
<td>Journalism</td>
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<tr>
<td>Aaron M. Lamb</td>
<td>Fargo, North Dakota</td>
<td>Strategic Communication</td>
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<tr>
<td>Annie Rodriguez Cardona</td>
<td>Rio Grande, Puerto Rico</td>
<td>New Media and Web Design</td>
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<tr>
<td>Samantha M. Steckler</td>
<td>Hilo, Hawaii</td>
<td>English</td>
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<td>•• Charli A. Joergensen</td>
<td>Fergus Falls, Minnesota</td>
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<td>• Annie Rodriguez Cardona</td>
<td>Rio Grande, Puerto Rico</td>
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<td>• Samantha M. Steckler</td>
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<td>•• Alexandra J. Howatt</td>
<td>Argusville, North Dakota</td>
<td>Anthropology</td>
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<td>• Fadumo A. Ibrahim</td>
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<td>Leo E. Dempsey III</td>
<td>Lakeland, Florida</td>
<td>Philosophy/Humanities</td>
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<td>Kelsey A. Dirks</td>
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<td>Management Communication</td>
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<td>Casey K. Dregel</td>
<td>Casselton, North Dakota</td>
<td>Political Science</td>
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<td>• Jesse L. Feist</td>
<td>Forman, North Dakota</td>
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<td>Elizabeth M. Foyle</td>
<td>Sioux Falls, South Dakota</td>
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<td>Melissa A. Fritz</td>
<td>St. Thomas, North Dakota</td>
<td>Strategic Communication</td>
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<td>•• Tamika Gilbert</td>
<td>Duluth, Minnesota</td>
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<td>•• Jessica A. Goodell</td>
<td>Coon Rapids, Minnesota</td>
<td>Music</td>
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<td>Christian R. Haak</td>
<td>Eden Prairie, Minnesota</td>
<td>Criminal Justice</td>
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<td>Karly M. Hammer</td>
<td>Detroit Lakes, Minnesota</td>
<td>Women and Gender Studies</td>
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<td>•• Lauren D. Hankla</td>
<td>Minot, North Dakota</td>
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<td>•• Kelsey R. Hanson</td>
<td>Glyndon, Minnesota</td>
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<td>Abdishakur S. Hassan</td>
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<td>•• Derek J. Hatzenbulker</td>
<td>Bismarck, North Dakota</td>
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<td>Jacob O. Hausdorf</td>
<td>Poulsbo, Washington</td>
<td>Emergency Management</td>
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<td>Davin O. Henrik</td>
<td>Fargo, North Dakota</td>
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<td>Raechel E. Heuer</td>
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<td>Jennifer A. Holly</td>
<td>Fargo, North Dakota</td>
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<td>Amanda N. Hostad</td>
<td>Andover, Minnesota</td>
<td>Criminal Justice</td>
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<td>Francesca A. Huelmans</td>
<td>Robbinsdale, Minnesota</td>
<td>Women and Gender Studies</td>
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<td>•• Lauren M. Ireland</td>
<td>Big Lake, Minnesota</td>
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<td>•• Michelle N. Jacobson</td>
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<td>• Kami M. Johnson</td>
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<td>Brian J. Jordan</td>
<td>Bismarck, North Dakota</td>
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<tr>
<td>Michael B. Juhneke</td>
<td>San Diego, California</td>
<td>Criminal Justice</td>
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<tr>
<td>Derek Kamstra</td>
<td>Fargo, North Dakota</td>
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<td>Neal D. Knezovich</td>
<td>West St. Paul, Minnesota</td>
<td>Emergency Management</td>
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<tr>
<td>•• Carlie R. Krueger</td>
<td>Caledonia, Minnesota</td>
<td>Agricultural Communication</td>
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</tbody>
</table>

• Cum Laude  ** Magna Cum Laude  *** Summa Cum Laude
Jami R. Larson Fargo, North Dakota
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Autumn R. Lauderdale-Goins Wedowee, Alabama
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Public History

Tucker J. Luskey Belle Plain, Minnesota
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Brent D. Tehven Fargo, North Dakota

Jarrod R. Tuszka Warner, South Dakota

Ted H. Werre Fargo, North Dakota

Jaleen M. Yellow Wolf Mandaree, North Dakota

• Cum Laude •• Magna Cum Laude ••• Summa Cum Laude
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• Matthew W. Pearson Mound-View, Minnesota
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International Studies
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DOCTOR OF PHILOSOPHY

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B.S., China Pharmaceutical Sciences
“Development of a Novel Omega-6 Fatty Acid Based Treatment Strategy for Colon Cancer by Knocking Down Delta-5-Desaturase and Exploiting High COX-2 Levels in Cancer Cells/Tumors” Adviser: Dr. Steven Qian

Xiaoyu Yang Pharmaceutical Sciences
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B.S., China Pharmaceutical University
“Knockdown of Delta-5 Desaturase to Elicit Anti-Cancer Effect of Dihomo-γ-Linolenic Acid: Development of an ω-6 Fatty Acid-Based Therapeutic Strategy for Pancreatic Cancer” Adviser: Dr. Steven Qian

MASTER OF PUBLIC HEALTH

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Respiratory Care

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“The Role of Wellness in Enhancing Life Satisfaction Among Adults with Experiences of Childhood Adversity”  
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“Understanding Parent-Adolescent Communication and Sexual and Reproductive Health Knowledge of Adolescents”  
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  English Education
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“Spring Conditions Affect Emergence and Adult Performance of the Leafcutting Bee, Megachile Rotundata”
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“Optical Properties of CovaIently Functionalized Carbon Nanotubes”
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“Predicting the Outcomes of NCAA Women’s Sports”
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“Biochemical and Functional Characterization of Rpa2 N-Terminal Phosphorylation During DNA Repair and Checkpoint Adaptation in Saccharomyces Cerevisiae”
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Zoology

• Hali E. Haugen  Oakes, North Dakota  
Psychology

Human Development and Family Sciences

Dane B. Hogoboom  Cottage Grove, Minnesota  
Chemistry

• Michael C. Holland  West Fargo, North Dakota  
Psychology

Kylie M. Jensen  Minneapolis, Minnesota  
Zoology

Natural Resources Management

Joshua J. Johnson  Langdon, North Dakota  
Chemistry

• Cum Laude  •• Magna Cum Laude  ••• Summa Cum Laude  

25
Seth D. Johnson Mandan, North Dakota Psychology
• Stephen G. Johnson Fargo, North Dakota Botany
• Tyler M. Johnson Glyndor, Minnesota Computer Science
Hanna M. Karevold Moorhead, Minnesota Zoology
• Christopher J. Kasper Fargo, North Dakota Zoology
Thomas A. Krizan Hebron, North Dakota Physics
Everett C. Kuntz Fargo, North Dakota Computer Science
Tyler A. Losinski Fargo, North Dakota Computer Science
•• Levi W. Lucy International Falls, Minnesota Mathematics
• Jack G. Madsen Andover, Minnesota Zoology
Joseph R. Manoles Chanhassen, Minnesota Biochemistry and Molecular Biology
•• Autumn N. Marmon Williston, North Dakota Biological Sciences
Caitlin A. Martin Mandan, North Dakota Psychology
Mikaela J. Martin Fargo, North Dakota Biological Sciences
• Mecheri Sneha Subash Fargo, North Dakota Computer Science
Ashley E. Miller Fargo, North Dakota Psychology
Grant D. Moe Fargo, North Dakota Computer Science
• Amaniel P. Mrutu Princeton, Minnesota Statistics
Brian C. Mullen Northfield, Minnesota Statistics Economics
• Angela M. Nagel Wahpeton, North Dakota Biological Sciences Microbiology
•• Destiny M. Nguyen Rochester, Minnesota Zoology
• Alyssa B. Nichelson Fargo, North Dakota Biological Sciences
•• Erica A. Odegard Fargo, North Dakota Zoology
Andrea J. Onstad West Fargo, North Dakota Chemistry
•• Sarah M. Overton Fergus Falls, Minnesota Biological Sciences
James P. Raboin Brainerd, Minnesota Computer Science
Erica G. Randall Otsego, Minnesota Computer Science
• Aleashia L. Rathacke Nissod, Minnesota Zoology
Madisen L. Rick Fargo, North Dakota Zoology
Mackenzie L. Ries Big Lake, Minnesota Biological Sciences
Bryce M. Rohrich Bismarck, North Dakota Psychology
Jacy J. Romero Arocha Fargo, North Dakota Zoology
••• Derek Sauer Fargo, North Dakota Zoology
• Makayla A. Schneider Watertown, Minnesota Psychology
Buster D. Schrader Jamestown, North Dakota Computer Science
Tongxin Shi Fargo, North Dakota Computer Science
• Simona D. Sjoblom West Fargo, North Dakota Psychology
Franklin S. Slaby Moorhead, Minnesota Computer Science
Jeffrey R. Steichen Jr. Horace, North Dakota Psychology
Katrina A. Stollenwerk Fargo, North Dakota Psychology
Kaitlyn M. Sundby Stephen, Minnesota Zoology
Jared T. Terres Bismarck, North Dakota Psychology
• Logan R. Thorson St. Cloud, Minnesota Zoology
• Austin L. Todd Bismarck, North Dakota Statistics Finance
Alexander J. Upton Fargo, North Dakota Computer Science
Danielle R. Wernberg Moorhead, Minnesota Biological Sciences
Mason E. Wright Fargo, North Dakota Computer Science
Theresa A. Zach Rosholt, South Dakota Chemistry
NORTH DAKOTA STATE BOARD OF HIGHER EDUCATION

Don Morton Fargo
Chair
Greg Stemen Oaks
Vice Chair
Casey Ryan Grand Forks
Kevin Melicher Fargo
Mike Ness Hazen
Nick Hacker Bismarck
Kathleen Neset Tioga

Jacob Dailey
Student Member
North Dakota State University

Andy Wakeford
Staff Advisor
Lake Region State College

Birgit Pruess
Faculty Advisor
North Dakota State University

NDSU PRESIDENTS

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

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 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:

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

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

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

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

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

UNIVERSITY MACE

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

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

Today, the NDSU mace is carried by the stage marshal, the presiding officer of the Faculty Senate, as he leads the president and other platform party dignitaries in commencement processions.
WITH HONOR: Graduation with honor applies only to the baccalaureate degree. Graduate courses will not be included in the computation. Candidates who entered NDSU as freshmen and who have earned an institutional grade-point average greater than or equal to 3.5 and less than 3.7 will be graduated Cum Laude, an institutional grade-point average greater than or equal to 3.7 and less than 3.9 will be graduated Magna Cum Laude, and an institutional grade-point average greater than or equal to 3.9 and up to 4.0 will be graduated Summa Cum Laude. All final grades on the NDSU academic record will be included in grade-point average calculations for graduating with honor. The honor medallion is a gold medallion on a yellow ribbon and is worn around the neck. 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.

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

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

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

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

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

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 cloissoné 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 DOCTORS

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

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

1943
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 Brodhaug, Litt.D.
Duke de Vallombrosa, LL.D.

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

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

1961
E. J. Haslerud, D.Sc

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

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

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

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

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

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

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

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

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

1969
Clifford H. Willson, D.Sc.

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

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

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

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

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

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

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

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

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

1979
Roland F. Harding, D.Sc.

1980
Quentin N. Burdick, LL.D.
Dr. Beverly Pfeifer Lynch, Litt.D.
1981
M. Truman Fossum, D.Sc.
Louis L’Amour, Litt.D.
John L. McCormick Jr., LL.D.
1982
Katherine K. Burgum, D.Sc.
Dr. Robert W. Coon, D.Sc.
1983
1984
Brynhild Haugland, LL.D.
1985
Edwin M. Anderson, D.Sc.
John H. Ladish, D.Sc.
1986
James H. Critchfield, D.Sc.
Richard P. Critchfield, L.H.D.
William A. Schlossman, LL.D.
1987
Robert M. Hendrickson, LL.D.
1988
Dr. Marvin E. Jensen, D.Sc.
Glen J. Schoessow, D.Sc.
1989
Howard M. Olson, D.Sc.
1990
Warren B. Diederich, D.Sc.
Fred B. Scheel, LL.D.
William J. Grosz, D.Sc.
David M. Gipp, LL.D.
C. Warner Litten, LL.D.
Donald J. Kenna, D.Sc.
Harold J. Klosterman, D.Sc.
Anne Stegner, LL.D.
Glenn S. Smith, D.Sc.
Stanley W. Bale, D.Sc.
1991
Lloyd Thompson, D.Sc.
1992
Aldrich C. Bloomquist, D.Sc.
Harvey K. Nelson, D.Sc.
Art Bunker, LL.D.
1993
Dr. Robert O. Brandenburg, D.Sc.
William C. Marcil, Litt.D.
George A. Sinner, L.H.D.
1994
Jean Mason Guy, L.H.D.
Peter Schickele, D.F.A.
1995
Dr. Jack F. Carter, D.Sc.
Robert N. Spolum, LL.D.
1996
Dr. Philip E. Austin, LL.D.
1998 May
Lendal H. Kotschevar, LL.D.
Ronald D. Offutt, LL.D.
1998 December
Dr. James M. Sugihara, D.Sc.
1999 May
Alf H. Clausen, D.Mus.
Dr. R. James Cook, D.Sc.
1999 December
Robert C. Dawson, LL.D.
2000 May
David W. 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 Fermo, 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
Graig Halverson, D.Agr.
2016 May
Dr. Myron D. Johnsrud, D.Agr.
2017 May
Dr. H. Roald Lund, D.Agr.

HONORARY DOCTORATES

~ HONORIS CAUSA ~

Agriculture            Fine Arts
D.Agr.                 D.F.A.
D.Sc. in Mil. Sci.     Humanities
D.Sc.                  Humanities
D.Mus.                 Letters
D.Sc. in Mil. Sci.     Laws
D.Sc.                  Laws
D.Sc. in Mil. Sci.     Laws
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

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

Bruce Bollinger
Vice President for Finance and Administration

Dr. Elias Elias
University Distinguished Professor of Plant Sciences

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

Dr. Erin Gillam
President-elect of Faculty Senate

Dr. Kenneth Grafton
Vice President, Dean and Director for Agricultural Affairs

Dr. Beth Ingram
Provost

Dr. Michael Kessler
College of Engineering, Dean

Major (P) Benjamin Kilgore
Professor of Military Science, ARMY ROTC

Dr. Kevin Melicher
North Dakota University System
State Board of Higher Education

Dr. Jo Ann Miller
University Distinguished Professor of Music

Dr. Joe Mocnik
Dean of Libraries

Dr. Charles Peterson
College of Health Professions, Dean

Dr. Kelly Rusch
Vice President for Research and Creative Activity

Hannah Quade
Student Speaker

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

Hana Trump
Student Soloist

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. Eugene Berry
Candidate Marshal

Dr. Ann Burnett
Candidate Marshal

Dr. Edward Deckard
Faculty Marshal

Dr. Erin Gillam
Stage Marshal

Rian Nostrum
Candidate Marshal

Casey Peterson
Candidate Marshal

Dr. Tim Peterson
Candidate Marshal

Dr. Donna Terbizan
Candidate Marshal

Dr. Christina Weber
Candidate Marshal
READERS
Wendy McCrory
Information Technology
Megan Ehora
Admission

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
Mike Paolini
Registration and Records

Assisted by members of Ag Ambassadors, Circle K International, Phi Beta Lambda, Pre-vet Club and Kappa Psi.
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 14,300 students during fall 2017 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 $156 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, psychology and social sciences, based on reported research expenditures.