

COMMENCEMENT

NORTH DAKOTA STATE UNIVERSITY

WINTER 2012



PHOTOGRAPHS

Professional photographers will be available to photograph each degree candidate before and during the ceremony. Degree candidates will receive information from Jolesch Photography regarding the option to purchase prints. Photos may be viewed and purchased through www.jolesch.com.

Guests may not enter the field level. For those who want to take photographs after the ceremony, special photo areas have been set up in the lobby.

DVD COPIES OF CEREMONY

DVD ordering information can be found at www.ndsu.edu/registrar/commencement.



COMMENCEMENT
NORTH DAKOTA STATE UNIVERSITY
DECEMBER 14, 2012

PROGRAM

NORTH DAKOTA STATE UNIVERSITY
President Dean L. Bresciani presiding

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

PRESENTATION OF THE COLORSNDSU AIR FORCE AND ARMY ROTC BATTALIONS

THE NATIONAL ANTHEM THE STAR-SPANGLED BANNER, FRANCIS SCOTT KEY
North Dakota State University Brass Ensemble
Ashley Jacobson, student soloist
Candidate for Bachelor of Music degree

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

WELCOME AND REMARKSPRESIDENT BRESCIANI

INTRODUCTION OF STUDENT SPEAKER PRAKASH MATHEW
Vice President for Student Affairs

STUDENT ADDRESSNATHAN ANDERSON
Representative of the Graduating Class
Candidate for Bachelor of Science degree

**ADMINISTRATION OF OATH
TO SECOND LIEUTENANT CANDIDATES** COLONEL MICHAEL R. ABERLE
Deputy Director of the Joint Staff
North Dakota Army National Guard

**PRESENTATION OF CANDIDATES
FOR DEGREES** DR. J. BRUCE RAFERT
Provost

CONFERRAL OF HONORARY DOCTORATE	PRESIDENT BRESCIANI
GREGG HALVERSON	Hooded by Dr. J. Bruce Rafert, Provost
Doctor of Agriculture, Honoris Causa	and Dr. Kenneth Grafton, Vice President for Agricultural Affairs

CONFERRAL OF DEGREES PRESIDENT BRESCIANI

PRESENTATION OF COLLEGES

Graduate and Interdisciplinary Studies	Dean David Wittrock
Agriculture, Food Systems, and Natural Resources.	Dean Kenneth Grafton
Arts, Humanities and Social Sciences	Dean Kent Sandstrom
Business.	Dean Ronald Johnson
Engineering and Architecture	Dean Gary Smith
Human Development and Education	Dean Virginia Clark Johnson
Pharmacy, Nursing, and Allied Sciences.	Dean Charles Peterson
Science and Mathematics	Dean Scott Wood
University Studies	Dean David Wittrock

CLOSING REMARKS **PRESIDENT BRESCIANI**

NDSU SCHOOL SONG THE YELLOW AND THE GREEN, MINARD-PUTNAM
 North Dakota State University Brass Ensemble
 Ashley Jacobson, student soloist
 Candidate for Bachelor of Music degree

RECESSIONAL CROWNING GLORY, ALFRED REED
North Dakota State University Brass Ensemble

Please remain seated until after the recessional.



GREGG HALVERSON

Doctor of Agriculture, Honoris Causa

North Dakota State University alumnus Gregg Halverson is president and CEO of Black Gold Farms, a family-owned potato growing and marketing organization headquartered in Grand Forks, N.D. Black Gold Farms specializes in potato production with 11 U.S. production locations spread from North Dakota to Texas and from Florida to Maryland along the Eastern Seaboard. The operation grows more than 20,000 acres of potatoes, plus various other crops. Black Gold Farms is the world's largest producer of fresh crop chipping potatoes.

With a family farm background, Halverson graduated from Midway High School near Forest River, N.D., in 1967 and earned a bachelor's degree in agriculture from NDSU in 1971.

He has served in leadership capacities with many professional and civic organizations and is the recipient of numerous industry awards. Black Gold Farms and its associates have been globally recognized for supplier innovation and leadership in the potato industry. Black Gold Farms is known internationally for its adoption of advanced technology in chip potato production and handling innovation in the chip potato industry. In 2002, the company introduced a system of growing, bulk handling and transportation of chip potatoes in Inner Mongolia, People's Republic of China.

Black Gold Farms received the 2008 Environmental Stewardship Award from the National Potato Council in recognition of the systematic approach the company employs with respect to potato production and sustainability. In 2009, the World Potato Congress in Christchurch, New Zealand, presented Halverson with the Industry Award in recognition of his lifetime contributions to the potato industry. He was inducted into the North Dakota Agriculture Hall of fame in 2011. He was recently elected an Honorary Life Member of the Potato Association of America. Halverson completed his term as board chair of the Northern Plains Potato Growers Association and now chairs the association's innovation subcommittee. Most recently Halverson received the Top Producer of the Year award from Farm Journal Media in recognition of his leadership in the field of agriculture in the U.S.

Halverson has two sons and one daughter in the Black Gold Farms organization. John, Paragould, Ark., is operations vice president, responsible for Midwest production. Eric, Grand Forks, N.D., is executive vice president and is in charge of all equipment and advanced technology. Leah, Fargo, is the company's marketing specialist.

Halverson enjoys spending time with his seven granddaughters, tailgating at NDSU football and adding to his extensive collection of antique potato chip cans, now numbering more than 1,000.

CLASS REPRESENTATIVE

Nathan Anderson, a native of Oxbow, N.D., is receiving a Bachelor of Science in accounting with an emphasis in finance. An outstanding student and active on the NDSU campus, he has been a member of the men's golf team, serving as captain for the past three seasons.

Anderson also is a member of the Student Athletic Advisory Council, advising the NCAA on proposed legislation and organizing volunteer activities such as blood and food donation drives, sandbagging efforts and community events for area children. He is a member of the NDSU accounting club and was selected by accounting faculty as the Outstanding Accounting Student of 2012.

COMMENCEMENT SOLOIST

Ashley Jacobson, a graduate of Grand Forks, N.D., will be the commencement soloist. She will graduate with a Bachelor of Music in vocal music education with a minor in instrumental music education.

Jacobson's student activities include NDSU Concert Choir, Madrigal Singers and Bison Arts Singers, as well as participating in Opera and Musical Theatre productions. She also was a member of Blue Key Honor Society, Sigma Alpha Iota and the American Choral Directors Association. Jacobson was named Miss North Dakota 2007 and represented the state at Miss America 2008. Jacobson is married to Andrew and has a son, Calvin.

CANDIDATES FOR APPOINTMENT TO SECOND LIEUTENANT

DEPARTMENT OF MILITARY SCIENCE (ARMY ROTC) COMMISSIONEES:

Melissa Bartholomay, West Fargo, North Dakota
North Dakota National Guard, Engineer Corps

Daniel Peterson, Detroit Lakes, Minnesota
Minnesota National Guard, Military Intelligence

Doug Wencil, Ham Lake, Minnesota
Active Duty, Ordinance Corps

CANDIDATES FOR DEGREES

COLLEGE OF GRADUATE AND INTERDISCIPLINARY STUDIES

Candidates to be presented by Dean David Wittrock, and marshaled by
Dr. Birgit Pruess, Dr. Miriam Mara and Dr. Mark Sheridan and student marshal Iddrisu Awudu.

DOCTOR OF PHILOSOPHY

Talal B. Almeelbi, *Environmental and Conservation Science*
Alees, Saudi Arabia
B.S., King Abdulaziz University
M.S., University of Jordan
“Phosphate Removal and Recovery Using Iron Nanoparticles and Iron Cross-linked Alginate”
Adviser: Dr. Achintya Bezbaruah

Matthew Attansey, *Communication*
Isuaniocha, Nigeria
B.A., Bigard Memorial Seminary
M.A., Catholic Institute of West Africa
“Vigilance Versus Complacency: Communication Strategies Used During Fargo’s Recent Major Floods to Confront Risk Fatigue”
Adviser: Dr. Robert Littlefield

Narayanaganesh Balasubramanian, *Chemistry*
Theni, India
B.S., Bharathidasan University, Tiruchirappalli India
M.S., St. Joseph’s College
“Stereoselective Carbon-Carbon Bond Construction Using Indium and Bismuth: New Methods in Green Chemistry”
Adviser: Dr. George Cook

Azad Berwari, *Emergency Management*
Moorhead, Minnesota
B.S., North Dakota State University
M.S., North Dakota State University
“The Impact of the 2009 Flood on the Health System in Fargo-Moorhead Area”
Adviser: Dr. George Youngs

Sourin Bhattacharya, *Materials and Nanotechnology*
New Delhi, India
B.S., Gauhati University
M.S., North Dakota State University
“Fluid Mechanics of Micro Cold Spray Direct Write Process”
Adviser: Dr. Iskander Akhatov

Pragyan Burlakoti, *Plant Pathology*
Salyantar, Nepal
B.S., Tribhuvan University
M.S., North Dakota State University
“Comparison of Inoculation Techniques, Development of Breeding Lines and Identification of Molecular Markers Associated with Resistance of Brassica napus to Sclerotinia sclerotiorum (lib.) de Bary”
Adviser: Dr. Luis del Rio Mendoza

Kishore Chittam, *Plant Pathology*
Pendekal, India
B.S., Acharya N.G. Ranga Agricultural University
M.S., University of Agricultural Sciences
“Genomics and Management of Fusarium Root Rot of Field Peas”
Advisers: Dr. Rubella Goswami and Dr. Mohamed Khan

Alan G. Dybing, *Transportation and Logistics*
Maddock, North Dakota
B.S., North Dakota State University
M.S., North Dakota State University
“Estimation of the Increased Traffic on Highways in Montana and North Dakota Due to Oil Development and Production”
Adviser: Dr. John Bitzan

Sumit Ghosh, *Cellular and Molecular Biology*
Hyderabad, India
B.Tech, Allahabad Agricultural Institute, Allahabad India
“Immunomodulatory Role of B Lymphocytes and Hyaluronic Acid in a Murine Model of Allergic Asthma”
Adviser: Dr. Jane Schuh

Ivan Hevus, *Coatings and Polymeric Materials*
Lviv, Ukraine
B.S., Lviv Polytechnic National University
M.S., Lviv Polytechnic National University
“Amphiphilic Invertible Polymers: Self-Assembly into Functional Materials Driven by Environment Polarity”
Adviser: Dr. Andriy Voronov

Justin M. Hoey, *Mechanical Engineering*
Shoreview, Minnesota
B.S., North Dakota State University
M.S., North Dakota State University
“Aerosol-Based Ultrafine Material Deposition for Microelectronics”
Adviser: Dr. Iskander Akhatov

Farah I. Kandah, *Computer Science*
Zarga, Jordan
B.S., The Hashemite University, Zarga, Jordan
M.S., The University of Jordan, Amman, Jordan
“A Secure and Reliable Interference-Aware Wireless Mesh Network Design”
Adviser: Dr. Kendall Nygard

Millikharjuna Rao Komarneni, *Chemistry*
 Parchoor, India
B.S., University of Mysore
 “Surface Chemistry Characterization
 of Hydrodesulfurization and Methanol Synthesis
 Model Nanocatalysts”
 Adviser: Dr. Uwe Burghaus

Achala Nepal, *Plant Pathology*
 Godawari, Nepal
B.S., Tribhuvan University
M.S., North Dakota State University
 “Population Genetic Structure of Leptosphaeria
 Maculans in North Dakota and Association
 Mapping of Genes for Resistance to L. Maculans
 in Brassica Juncea”
 Adviser: Dr. Luis del Rio Mendoza

Glenda R. Reemts, *Education*
 Mandan, North Dakota
B.S., South Dakota State University
M.S.N., University of Mary
 “Emotional Intelligence Levels in Baccalaureate-
 Prepared Early Career Registered Nurses”
 Adviser: Dr. Chris Ray

Gurleen K. Sandhu, *Plant Sciences*
 Kapurthala, India
B.S., Guru Nanak Dev University, Amritsar India
M.S., Punjab Agricultural University, Ludhiana India
 “Physicochemical Properties of Commercial Gums
 and Their Effects on the Processing and Cooking
 Quality of Nontraditional Pasta”
 Adviser: Dr. Frank Manthey

Michael J. Schmitz, *Electrical and Computer Engineering*
 Golden Valley, Minnesota
B.S., North Dakota State University
M.S., North Dakota State University
 “Multisine Excitation Design to Increase the
 Efficiency of System Identification Signal Generation
 and Analysis”
 Adviser: Dr. Roger Green

Bruce R. Schumacher, *Education*
 Fairmount, North Dakota
B.A., Augustana College
M.S., Northern State University
 “Lives at Risk: High School Dropouts in the Northern
 Plains Region”
 Adviser: Dr. Ronald Stammen

MASTER OF ACCOUNTANCY

Alec H. Grande, *Fargo, North Dakota*
B.S., North Dakota State University
Rebecca J. Menking, *Webster, South Dakota*
B.S., North Dakota State University
Reed M. Ystaas, *New Rockford, North Dakota*
B.S., North Dakota State University

MASTER OF ARTS

Meghan J. Perry, *Detroit Lakes, Minnesota*
English
B.A., University of Minnesota-Twin Cities
Neil G. Schloesser, *Fargo, North Dakota*
Communication
B.A., Minnesota State University Moorhead

MASTER OF BUSINESS ADMINISTRATION

Autumn L. Austin, *Fargo, North Dakota*
B.S., Southwest Minnesota State University
Danielle M. Evenson, *Burnsville, Minnesota*
B.A., University of Minnesota-Twin Cities
Kelsey L. Jensen, *Hinckley, Minnesota*
B.S., North Dakota State University
M.Arch., North Dakota State University
Tian Lin, *Yichang Hubei Province, China*
B.S., University of Bradford
David Monke, *Canby, Minnesota*
B.A., Concordia College

MASTER OF CONSTRUCTION MANAGEMENT

Chukwumyen M. Enyi, *Mountain View, California*
B.S., Minnesota State University Mankato

MASTER OF EDUCATION

Lori A. Fingarson, *Edinburg, North Dakota*
Family and Consumer Sciences
B.S., North Dakota State University
Christina A. Reynolds, *Jamestown, North Dakota*
Educational Leadership
B.A., Jamestown College

MASTER OF MUSIC

Karen W. Morrison, *West Fargo, North Dakota*
B.S., North Dakota State University

MASTER OF SCIENCE

Aydar R. Akchurin, *Ufa, Russia*
Mechanical Engineering
B.S., Ufa State Aircraft Technical University
Robynn Anfinrud, *Fargo, North Dakota*
Plant Sciences
B.A., Bethel University
Darshika Amarakoon Amarakoon Rajapakse
Wasala M M, *Peradeniya, Sri Lanka*
Cereal Science
B.S., University of Peradeniya
Naa Korkoi Ardayfio, *Ghana*
Horticulture
B.S., University of Cape Coast
Lisa Berdal, *Knoxville, Tennessee*
Exercise and Nutrition Science
B.S., East Tennessee State University
Keshav Birla, *Chittorgarh, Rajasthan, India*
Plant Pathology
B.S., North Dakota State University
Ryan Boyd, *Fort Wayne, Indiana*
Psychology
B.A., Purdue University
Krishna C. Chinthakayala, *Tirupati, India*
Computer Science
B.Tech., Jawaharlal Nehru Technological University
Jaesung Choi, *Daejeon, Korea*
Agribusiness and Applied Economics
B.A., Chungnam National University
Michelle Gastecki, *Breezy Point, Minnesota*
Zoology
B.S., North Dakota State University

Rahel D. Gemmeda, Addis Ababa, Ethiopia
International Infectious Disease Management
 B.S., Alemaya University, Harar Ethiopia
 M.S., Addis Ababa University, Addis Ababa Ethiopia

Jonathan H. Giles, Ashland, Wisconsin
Human Development and Family Science
 B.A., Augustana College
 M.S., Wartburg Theological Seminary

Lisa M. Gulland-Nelson, Fargo, North Dakota
Mass Communication
 B.S., Minnesota State University Moorhead

Emily C. Haugen, New Richmond, Wisconsin
Human Development and Family Science
 B.S., University of Minnesota-Twin Cities

Nathan S. Hayes, Big Lake, Minnesota
Animal Science
 B.S., North Dakota State University

Christen Jackson, Bismarck, North Dakota
Animal Science
 B.S., North Dakota State University

Candice A. Maier, Mazomanie, Wisconsin
Human Development and Family Science
 B.S., University of Wisconsin-Stout

B-Mihiri M. Mendis, Colombo, Sri Lanka
Cereal Science
 B.S., University of Colombo

Aditi Mohpal, Hissar, India
Software Engineering
 B.S., North Dakota State University

Courage C. Mudzongo, Harare, Zimbabwe
Sociology
 B.S., Africa University

Robert Mugabi, Lyantonde, Uganda
International Infectious Disease Management
 B.S., Makerere University

Elangovan Murugaiyan, India
Software Engineering
 B.S., St. Cloud State University

Md. Zillur R. Patwary, Dhaka, Bangladesh
Civil Engineering
 B.S., Bangladesh University of Engineering and Technology

Naresh Pillarikuppam, Penumuru, India
Software Engineering
 B.Tech., Jawaharlal Nehru Technological University

Daniel L. Portlock, Anchorage, Alaska
Environmental Engineering
 B.S.C.E., North Dakota State University

Joanne M. Powell, Tomahawk, Wisconsin
Gerontology
 B.S., University of Wisconsin-Stevens Point

Michael E. Quamme, Dundas, Minnesota
Environmental Engineering
 B.S.C.E., North Dakota State University

Sayan Roy, Chandannagar, India
Electrical and Computer Engineering
 B.Tech., West Bengal University of Technology

Elizabeth C. Sand, Minot, North Dakota
Clinical Psychology
 B.A., North Dakota State University

Kelly L. Schaible, Warroad, Minnesota
Psychology
 B.A., Concordia College

Christina A. Schwartz, Hibbing, Minnesota
Animal Science
 B.S., North Dakota State University

BillieJo M. Shae, Forest River, North Dakota
Agribusiness and Applied Economics
 B.S., University of Minnesota-Crookston

Harjot K. Sidhu, Faridkot, Punjab, India
Agricultural and Biosystems Engineering
 B.S., North Dakota State University

Juan M. Vargas-Ramirez, Hermosillo, Sonora, Mexico
Agricultural and Biosystems Engineering
 B.S., Universidad de Sonora, Hermosillo Sonora Mexico

Pubudu R. Wijeyaratne, Colombo, Sri Lanka
Computer Science
 B.S., Staffordshire University

Qingqing Yin, Xuzhou, Jiangsu, China
Agribusiness and Applied Economics
 B.A., Nanjing Forestry University

Walekhwa A. Wamono, Jinja, Uganda
Environmental Conservation and Science
 B.S., Makerere University



COLLEGE OF

AGRICULTURE, FOOD SYSTEMS, AND NATURAL RESOURCES

Candidates to be presented by Dean Kenneth Grafton and marshaled by
Dr. Todd West and student marshal John Breker.

BACHELOR OF SCIENCE

- Etayenesh Abebe**, Addis Ababa, Ethiopia
Biotechnology
- Brandon P. Abell**, Hillsboro, North Dakota
Crop and Weed Sciences
- Samuel R. Anderson**, Karlstad, Minnesota
Agricultural Systems Management
- **Jessie B. Arneson**, Jamestown, North Dakota
Microbiology
Biotechnology
- Jason Arth**, Lidgerwood, North Dakota
Crop and Weed Sciences
- **Alexandra L. Barber**, Walker, Minnesota
Microbiology
- Andrew S. Bates**, Fargo, North Dakota
Natural Resources Management
- **Mitchell J. Bauske**, Fargo, North Dakota
Agricultural Economics
- Maria C. Breker**, Havana, North Dakota
Natural Resources Management
- Maggie M. Carlson**, Bismarck, North Dakota
Microbiology
- Elim Chin**, Kuala Lumpur,
Wilayah Persekutuan, Malaysia
Food Science
- Kwang Bog Cho**, Seoul, South Korea
Microbiology
- Rachel G. Colwell**, Gardner, North Dakota
Agricultural Economics
- John N. Desautel**, Grafton, North Dakota
Agricultural Economics
- **Andrew G. Dockter**, Bismarck, North Dakota
Microbiology
- Zachary D. Duckstad**, Warren, Minnesota
Agricultural Economics
- Sarah M. Eslinger**, Coleharbor, North Dakota
Veterinary Technology
- **Travis J. Evenson**, Garrison, North Dakota
Crop and Weed Sciences
- Jacob E. Fannik**, Max, North Dakota
Agricultural Economics
- Jordan P. Fellbaum**, Swanville, Minnesota
Animal Science
- Kyle J. Fode**, Detroit Lakes, Minnesota
Crop and Weed Sciences
- Courtney R. Foss**, Maddock, North Dakota
Agricultural Economics
- Jacob V. Gehrls**, Warren, Minnesota
Crop and Weed Sciences
- Nathaniel J. Gesme**, Prior Lake, Minnesota
Agricultural Economics
- William Gokey**, Minot, North Dakota
Economics
- Benjamin W. Grann**, Sheyenne, North Dakota
Natural Resources Management
- Dionne M. Hall**, West Fargo, North Dakota
Microbiology
- Levi R. Hall**, Berthold, North Dakota
Agribusiness
- Derek A. Haug**, Ulen, Minnesota
Agricultural Economics
- Danelle D. Hoff**, Richardton, North Dakota
Natural Resources Management
- Bryce T. Hogness**, Milnor, North Dakota
Agricultural Systems Management
- Meredith L. Irsfeld**, Fargo, North Dakota
Microbiology
- Adil Ismail**, Dilworth, Minnesota
Economics
- Justin B. Jacob**, Valley City, North Dakota
Natural Resources Management
- Anurad G. Jayasooriya Mudiyansele**,
Kandy, Sri Lanka
Microbiology
- Brandon W. Joos**, Wimbeldon, North Dakota
Agricultural Economics
- Jason D. Jordahl**, Moorhead, Minnesota
Agricultural Systems Management
- Haram Kim**, Fargo, North Dakota
Economics
- Sara J. Kingrey**, St. Paul, Minnesota
Equine Science
Animal Science
- Alyssa A. Kittelson**, Enderlin, North Dakota
Animal Science
- Eric J. Kleman**, Ottawa, Ohio
Animal Science
- Brittany J. Korynta**, Gilby, North Dakota
Horticulture
- **John A. Kritzberger**, Hillsboro, North Dakota
Crop and Weed Sciences
- Sean J. Kveno**, Gary, Minnesota
General Agriculture
- Brett N. Kyser**, Argusville, North Dakota
Agricultural Economics
- **Rachel A. LaCount**, Burnsville, Minnesota
Microbiology
- Blake A. Lampert**, Fortuna, North Dakota
Biotechnology
Microbiology
- Matthew J. Lau**, Farmington, Minnesota
Agricultural Economics
- Da sul Lee**, Gong-ju, Korea
Economics
- Mattia A. Lein**, Glyndon, Minnesota
Animal Science
Equine Science

- Brent W. Lende**, Carrington, North Dakota
General Agriculture
- Eric C. Lies**, Fessenden, North Dakota
Animal Science
- **Yu Liu**, Beijing, China
Food Science
 - **Charithra R. Lokumana**, Colombo, Sri Lanka
Natural Resources Management
 - Andrea M. Luther**, Enderlin, North Dakota
Crop and Weed Sciences
 - Joshua T. Martinez**, West Fargo, North Dakota
Agricultural Systems Management
 - **Derek E. Martinson**, Milnor, North Dakota
Agricultural Economics
 - Justin R. Moe**, Park River, North Dakota
Crop and Weed Sciences
 - John T. Mortenson**, Wahpeton, North Dakota
Natural Resources Management
 - William B. Petersen**, Grafton, North Dakota
Agricultural Economics
 - Ashley M. Randash**, Moorhead, Minnesota
Natural Resources Management
 - **David A. Renton**, Fargo, North Dakota
Natural Resources Management
 - Kelsey L. Rheault**, Horace, North Dakota
Veterinary Technology
 - Jadin L. Riedesel**, Carrington, North Dakota
Agricultural Economics
 - Cole T. Robertson**, Dawson, Minnesota
Crop and Weed Sciences
 - **Kendra S. Rodel**, Bird Island, Minnesota
Microbiology
 - Evan L. Salsman**, Fargo, North Dakota
Crop and Weed Sciences
 - Kitri Samadhi**, Fargo, North Dakota
Biotechnology
 - **Elizabeth M. Sauer**, Long Prairie, Minnesota
Veterinary Technology
 - Riley C. Schaefer**, North Mankato, Minnesota
Crop and Weed Sciences
 - Michael J. Schild**, Harvey, North Dakota
Agricultural Economics
 - Justin D. Schrepel**, Madison, South Dakota
General Agriculture
 - Jamie L. Schultz**, Madelia, Minnesota
Sports and Urban Turfgrass Management
 - Louis Shrestha**, Fargo, North Dakota
Biotechnology
 - Cory S. Skauge**, Barnesville, Minnesota
Agricultural Economics
 - Kevin P. Sponsler**, Thompson, North Dakota
Crop and Weed Sciences
 - James W. Steinberger**, Fargo, North Dakota
Crop and Weed Sciences
 - Ericka A. Stoltenberg**, Underwood, North Dakota
Veterinary Technology
 - Pooja Thapliyal**, New Delhi, India
Biotechnology
 - Nicholas A. Tollefson**, Wahpeton, North Dakota
Crop and Weed Sciences
 - Romano Tuya**, Fargo, North Dakota
Food Safety
 - MacKenzie P. Weigel**, Bismarck, North Dakota
Sports and Urban Turfgrass Management
 - Joseph M. Weihrauch**, St. Cloud, Minnesota
Biotechnology
 - Brittany H. Wieers**, Argusville, North Dakota
Veterinary Technology
 - Diane M. Williams**, Maplewood, Minnesota
Microbiology
 - Brianne L. Zaeske**, Fargo, North Dakota
Equine Science
Animal Science
 - Marc Simon Ziesmann**, Dohren, Germany
Agricultural Economics
 - Ian H. Zimmerman**, Bismarck, North Dakota
Equine Science
Animal Science

COLLEGE OF

ARTS, HUMANITIES AND SOCIAL SCIENCES

Candidates to be presented by Dean Kent Sandstrom and marshaled by
Dr. Michael Weber and student marshal Katherine Thoreson.

BACHELOR OF ARTS

- **Daniel J. Baldwin**, Hope, North Dakota
Philosophy/Humanities
- Megan E. Davidson**, Fargo, North Dakota
Sociology
- **Lydia R. DeMarais**, Fargo, North Dakota
Spanish
- Alison Driscoll**, Fargo, North Dakota
English
- Tyler J. Fretland**, Williston, North Dakota
Sociology
- Blaze H. Harmon**, Fargo, North Dakota
Public Relations and Advertising
- Iain R. Harriman**, West Fargo, North Dakota
Spanish
- **JuYeon Lee**, Incheon Namgu, South Korea
Political Science
- **Maia B. Randklev**, Grand Forks, North Dakota
Spanish
English
- Heather J. Roelike**, Belgrade, Minnesota
Anthropology
- Emilee C. Ruhland**, Snoqualmie, Washington
English
- Ashleigh A. Smith**, Fargo, North Dakota
Public Relations and Advertising

BACHELOR OF FINE ARTS

- Tara K. Fermoyle**, Fargo, North Dakota
Art
- Alison M. Schaaf**, Mandan, North Dakota
Art

BACHELOR OF MUSIC

- Ashley A. Jacobson**, Roseville, Minnesota
- Evan R. Montgomery**, Fargo, North Dakota
- **Chris J. Schuster**, Fargo, North Dakota

BACHELOR OF SCIENCE

- Christopher J. Agesen**, Montevideo, Minnesota
Sociology
- **Brenna E. Adams**, Fargo, North Dakota
Anthropology
- Jeffrey D. Alwin**, Fargo, North Dakota
Criminal Justice
- Felician L. Anaya**, Hastings, Minnesota
Emergency Management
- Bridget M. Anderson**, Arden Hills, Minnesota
Public Relations and Advertising
- Joshua J. Anderson**, Montevideo, Minnesota
Anthropology

- Taylor L. Arne**, Maddock, North Dakota
Art
- Jason H. Bedsaul**, Dobson, North Carolina
New Media and Web Design
- Kristin L. Berg**, Fargo, North Dakota
Public Relations and Advertising
Management Communication
- Michael J. Bittner**, Fargo, North Dakota
Emergency Management
- Brent T. Boeddeker**, Minto, North Dakota
Criminal Justice
- Aaron S. Boerner**, Becker, Minnesota
Journalism
- Adam P. Boll**, Wahpeton, North Dakota
Criminal Justice
- Stephanie A. Bondhus**, Big Lake, Minnesota
Sociology
- Seth D. Bowman**, Rhame, North Dakota
Emergency Management
- Kaleb A. Brunswig**, Sauk Centre, Minnesota
Emergency Management
- Fredrick J. Bussey**, Thomaston, Georgia
Sociology
- John Charles**, Fargo, North Dakota
Criminal Justice
- **Suzanne N. Degrugillier**, Fargo, North Dakota
English
- Kaitlin M. Doyle**, Fargo, North Dakota
Philosophy/Humanities
- Katie M. Dressler**, Richardton, North Dakota
Public Relations and Advertising
- **Bethany R. Economos**, Thief River Falls, Minnesota
Management Communication
- Katelyn E. Ellison**, Alexandria, Minnesota
Criminal Justice
- **Carrie C. Fagerland**, Noonan, North Dakota
Anthropology
Geology
- Andrew C. Ejeld**, Twin Valley, Minnesota
Sociology
- Kimberly G. Fleser**, Lakeville, Minnesota
Criminal Justice
- Cailin M. Foerster**, Iola, Wisconsin
Emergency Management
- Kelli M. Fuchs**, Jamestown, North Dakota
Criminal Justice
Psychology
- **Christine N. Gass**, Bird Island, Minnesota
Criminal Justice
- Jill M. Guthrie**, Roseville, Minnesota
History
- Chelsey M. Hagel**, Jamestown, North Dakota
Criminal Justice

- Luke E. Hall**, Loretto, Minnesota
Political Science
- Jacquelyn V. Halonen**, Menahga, Minnesota
Criminal Justice
- Britny L. Hamblin**, Lake Park, Minnesota
Criminal Justice
- **Kate A. Hauge**, Dilworth, Minnesota
English
 - Joshua M. Hagen**, West Fargo, North Dakota
Political Science
 - ★ **Brittney M. Hein**, Rush City, Minnesota
Sociology
Emergency Management
 - Matthew R. Houle**, Baxter, Minnesota
Criminal Justice
 - David J. Huebner**, Fargo, North Dakota
Criminal Justice
 - Matthew E. Ingalls**, Mandan, North Dakota
Art
 - Kristopher Jacobs**, Fargo, North Dakota
Criminal Justice
 - Kaylee B. Jangula**, Grand Forks, North Dakota
English
 - **Britta E. Johnson**, Forest Lake, Minnesota
Criminal Justice
 - Connor B. Johnson**, Minot, North Dakota
Sociology
 - Katie M. Kapel**, West Fargo, North Dakota
Public Relations and Advertising
 - **Rebecca Keightley**, Twin Valley, Minnesota
Anthropology
 - Josef P. Kloos**, Elk River, Minnesota
Public Relations and Advertising
 - Jeffrey S. Kopp**, Fargo, North Dakota
Anthropology
 - Kelsey L. Kuller**, Mandan, North Dakota
Public Relations and Advertising
 - Daniel J. Lentz**, Andover, Minnesota
Criminal Justice
 - Sara E. Lyman**, Lake Forest, Illinois
Art
 - Robert D. Mahoney**, Killdeer, North Dakota
Criminal Justice
 - Glenn P. Manning**, Excelsior, Minnesota
Emergency Management
 - Mamie L. Mastenbrook**, St. John, North Dakota
Criminal Justice
 - Cody B. Mattson**, Rolette, North Dakota
Emergency Management
 - Brittany D. Negaard**, Fargo, North Dakota
Journalism
 - **Blake D. Nelson**, Maple Grove, Minnesota
Emergency Management
 - Rylee T. Nelson**, Fargo, North Dakota
Journalism
Philosophy/Humanities
 - Brianna J. Netter**, St. Joseph, Minnesota
Management Communication
 - Peterson Olivier**, Fargo, North Dakota
History
 - Jason T. Pagan**, Fargo, North Dakota
Sociology
Emergency Management
 - **Daniel G. Peterson**, Detroit Lakes, Minnesota
Criminal Justice
 - Kasey J. Pulkrabek**, West Fargo, North Dakota
Public Relations and Advertising
 - Matthew V. Renfrew**, West Fargo, North Dakota
Criminal Justice
 - Andrew J. Rheault**, West Fargo, North Dakota
Criminal Justice
 - Austin J. Richard**, Fargo, North Dakota
Criminal Justice
 - David A. Saari**, Fargo, North Dakota
Criminal Justice
 - Jeana R. Scheffler**, Barnesville, Minnesota
Emergency Management
 - Tyler J. Schwankl**, Fargo, North Dakota
Emergency Management
 - **Ashton K. Schwinler**, Winner, South Dakota
Emergency Management
 - Matthew J. Siegel**, Brainerd, Minnesota
Emergency Management
 - **Ashley K. Smith**, Wahpeton, North Dakota
Management Communication
 - Kelsey J. Smith**, Mentor, Minnesota
Public Relations and Advertising
 - Jalyssa B. Sorenson**, West Fargo, North Dakota
Anthropology
 - **Rachel L. Stokes**, Carrington, North Dakota
Political Science
 - Max V. Stueven**, Carlos, Minnesota
Emergency Management
Sociology
 - **Jennifer J. Thomas**, Fargo, North Dakota
Criminal Justice
 - Ryan T. Thomas**, Fargo, North Dakota
Theatre Arts
 - Ethan E. Thompson**, Menahga, Minnesota
Criminal Justice
 - James L. Thorson**, Edinburg, North Dakota
Emergency Management
 - **Tessa M. Torgeson**, Bismarck, North Dakota
English
 - Andrew J. Ulku**, Chanhassen, Minnesota
Sociology
 - Robert C. Vallie**, Christine, North Dakota
History
 - Rebecca A. Weber**, Bottineau, North Dakota
Public Relations and Advertising
 - Allison J. Well**, Bismarck, North Dakota
Management Communication
 - Kori L. Werner**, Starkweather, North Dakota
Health Communication
 - Shane P. White**, Gwinner, North Dakota
New Media and Web Design
 - Jennifer R. Wicklander**, Washburn, North Dakota
Public Relations and Advertising
 - **Jordan R. Willgohs**, Clitherall, Minnesota
History
Social Science Education
History Education
 - Benjamin J. Willms**, East Bethel, Minnesota
Criminal Justice
 - Andrew J. Young**, Napoleon, North Dakota
Journalism
Management Communication
 - **Michael S. Zastoupil**, Bismarck, North Dakota
Sociology
 - Inessa M. Zimmermann**, Bismarck, North Dakota
Art

COLLEGE OF BUSINESS

Candidates to be presented by Dean Ronald Johnson and marshaled by
Dr. Chanchai Tangpong and student marshal Hannah Pilger.

BACHELOR OF SCIENCE

- Nana A. Agyekum**, Elizabeth, New Jersey
Finance
- John M. Albus**, Oakes, North Dakota
Management Information Systems
- Emily J. Allen**, Christine, North Dakota
Marketing Management
- Ali Y. Alshehri**, Riyadh, Saudi Arabia
Management Information Systems
- **Amy L. Anderson**, Oxbow, North Dakota
Accounting
- Joseph T. Anderson**, Granite Falls, Minnesota
Accounting
- **Nathan M. Anderson**, Oxbow, North Dakota
Accounting
- Michael J. Arens**, Detroit Lakes, Minnesota
Accounting Finance
- April L. Ausk**, Casselton, North Dakota
Marketing Management
- Brandi A. Bader**, Boy River, Minnesota
Management
- Jordan M. Ballard**, Fargo, North Dakota
Marketing
- Andrew W. Baus**, Redfield, South Dakota
Finance
- Matthew D. Beneke**, Fargo, North Dakota
Finance
- **Angela A. Berntson**, Fargo, North Dakota
Accounting
- Anushree Bhattarai**, Kathmandu, Nepal
Finance
- Kayleigh A. Biloki**, Fargo, North Dakota
Accounting
- Brock K. Bjornson**, Hawley, Minnesota
Finance
- Kelly R. Black**, Detroit Lakes, Minnesota
Finance
- Brandon Boisvert**, Ham Lake, Minnesota
Marketing
- Mary M. Brown**, Fargo, North Dakota
Marketing
- Jordan L. Bueling**, Enderlin, North Dakota
Business Administration
- Amy L. Burau**, Marshall, Minnesota
Business Administration
- Nicole J. Burner**, Minot, North Dakota
Marketing
- Jonathan S. Carr**, St. Cloud, Minnesota
Management
- Collin A. Craven**, Rochester, Minnesota
Finance
- **Melissa L. Curfman**, Pelican Rapids, Minnesota
Business Administration Accounting
- Betsy L. Dahlen**, Park River, North Dakota
Management
- Morgan C. DeMike**, Woodbury, Minnesota
Marketing
- **Rachel S. Deyle**, Fargo, North Dakota
Accounting
- Andrew R. Diederick**, West Fargo, North Dakota
Accounting
- Kyle J. Docken**, Woodbury, Minnesota
Management
- Mitchell R. Domiano**, Andover, Minnesota
Accounting
- Randa J. Dufault**, Eagan, Minnesota
Marketing
- **Jared A. Finkelson**, Underwood, Minnesota
Business Administration
- Karen M. Flesberg**, Argusville, North Dakota
Business Administration
- Dustin J. Fridgen**, Wheaton, Minnesota
Accounting
- Abdi M. Gedi**, Fargo, North Dakota
Finance
- Taylor J. Gibson**, Fargo, North Dakota
Marketing
- **Brock W. Gion**, Regent, North Dakota
Marketing
- Ryan M. Goodin**, Fargo, North Dakota
Finance
- Kristopher D. Graalum**, Fargo, North Dakota
Finance
- Tiffany J. Grossman**, Bismarck, North Dakota
Accounting
- **Faith H. Halverson**, Hayfield, Minnesota
Accounting
- **Jamie L. Hart**, Frederick, South Dakota
Marketing
- Marc E. Hartman**, Detroit Lakes, Minnesota
Management
- Adam J. Hiltner**, Eden Valley, Minnesota
Accounting
- Aleshia D. Huffman**, Horace, North Dakota
Finance
- **Ranganathan P. Jasothan**, Point Pedro, Western, Sri Lanka
Management
- **Maribeth C. Joraanstad**, Bottineau, North Dakota
Accounting Management
- Jacob A. Juettner**, Alexandria, Minnesota
Business Administration
- Jeremy C. Keil**, Perham, Minnesota
Marketing
- Kenny C. Keller**, Harvey, North Dakota
Business Administration
- Michael J. Kingrey**, St. Paul, Minnesota
Marketing
- Justin D. Kinnunen**, Sebeka, Minnesota
Business Administration
- Anthony M. Kliniske**, Grafton, North Dakota
Marketing

- Karlie L. Krieger**, Moorhead, Minnesota
Business Administration
- Ryan M. Kuehne**, Detroit Lakes, Minnesota
Finance
Marketing
- Karissa L. Kuschel**, Browns Valley, Minnesota
Accounting
- Krista M. Lambrecht**, Tioga, North Dakota
Accounting
- Qian Lin**, Fujian, China
Business Administration
- Iryna S. Lindhag**, Fargo, North Dakota
Accounting
- Bradley J. Meis**, Oakdale, Minnesota
Business Administration
- Ross M. Melby**, Bowdon, North Dakota
Management Information Systems
- Cassandra A. Meyer**, St. Paul, Minnesota
Marketing
- Garet T. Molde**, Grafton, North Dakota
Management
- Iman D. Moore**, White Shield, North Dakota
Business Administration
Political Science
- **Emily E. Moquist**, Crystal, North Dakota
Finance
- Lincoln J. Mousel**, Lakeville, Minnesota
Business Administration
- **Kylie J. Muehlberg**, Wyndmere, North Dakota
Accounting
Marketing
- Kevin J. Niccum**, Mound, Minnesota
Management
- **Karina F. Nordsven**, Fargo, North Dakota
Accounting
Management
- Kristen L. Oldyn**, Eagan, Minnesota
Marketing
- Anna M. Oleksik**, Williston, North Dakota
Management
- Leslie L. Olson**, Fargo, North Dakota
Management
- Britani M. Otto**, Jordan, Minnesota
Finance
- June Pandey**, Kathmandu, Nepal
Accounting
- Mathew B. Parker**, Eden Prairie, Minnesota
Finance
- Sarah A. Parkhouse**, West Fargo, North Dakota
Finance
- **Alex J. Pederson**, Menahga, Minnesota
Management Information Systems
- **Breann L. Petermann**, Hawley, Minnesota
Management
- Romalde Pierre**, Port-au Prince, Haiti
Management
Economics
- Anthony M. Radermacher**, Fargo, North Dakota
Marketing
- Brittany S. Raisanen**, Cokato, Minnesota
Accounting
- **Patrick M. Redmond**, St. Cloud, Minnesota
Accounting
- Spencer A. Reinert**, Sartell, Minnesota
Business Administration
Finance
- Lisa I. Robinson**, Cokato, Minnesota
Accounting
- Chelsea J. Roehl**, Moorhead, Minnesota
Business Administration
- Jordan M. Rostad**, Fargo, North Dakota
Finance
- Jonathan M. Roswick**, Bismarck, North Dakota
Marketing
Accounting
- William J. Ryan**, Dent, Minnesota
Management
- Cory R. Samson**, West Fargo, North Dakota
Marketing
- Kyla J. Samuelson**, Glendive, Montana
Marketing
- **Travis S. Scepaniak**, Waite Park, Minnesota
Accounting
- Michael I. Schenfisch**, Fargo, North Dakota
Management
- Kellan M. Schmaltz**, Rugby, North Dakota
Business Administration
- Alex M. Schmidt**, Bismarck, North Dakota
Management Information Systems
- Isaac A. Schmidt**, Bismarck, North Dakota
Marketing
- Kristin M. Schmura**, Stillwater, Minnesota
Accounting
- Robert J. Schneider II**, Alberta, Minnesota
Marketing
- Emily C. Schreier**, West Fargo, North Dakota
Management
Marketing
- Laura E. Schumacher**, Hillsboro, North Dakota
Accounting
- Tyler S. Schwantes**, Hutchinson, Minnesota
Management Information Systems
- **Jenny L. Skjei**, Fargo, North Dakota
Business Administration
Hospitality and Tourism Management
- Thomas M. Stadum**, Fargo, North Dakota
Finance
- Max M. Steffes**, Fargo, North Dakota
Business Administration
- Perry Stockwell**, Fairmount, Minnesota
Business Administration
- Mathew Stoddard**, Elk River, Minnesota
Finance
- Erik Sveum**, Rochester, Minnesota
Management
- Jordan R. Thornberg**, Walhalla, North Dakota
Business Administration
- Ebba Tilahune**, Coon Rapids, Minnesota
Accounting
Finance
- **McKenna J. Tysdal**, Page, North Dakota
Business Administration
- Brett E. Wanner**, Bismarck, North Dakota
Business Administration
- Cameron G. Wedde**, New York Mills, Minnesota
Business Administration
- Amber J. Welter**, Willmar, Minnesota
Business Administration
- Christopher M. Will**, Marietta, Minnesota
Finance
- Mitchell A. Wold**, Bloomington, Minnesota
Business Administration
- Evan P. Workin**, Fargo, North Dakota
Management
- Fan Yang**, ZiBo, ShanDong, China
Business Administration
- Jonathan Zimprich**, Bismarck, North Dakota
Management Information Systems

COLLEGE OF ENGINEERING AND ARCHITECTURE

Candidates to be presented by Dean Gary Smith and marshaled by
Dr. Annie Tangpong and Dr. Stephen Wischer and student marshal Thomas Pederson.

BACHELOR OF LANDSCAPE ARCHITECTURE

Ashley C. Kaisershot, Montgomery, Minnesota
Samantha Lott, Chaska, Minnesota
Zachary B. Sager, Starkweather, North Dakota

BACHELOR OF SCIENCE

Thomas M. Homic, Hamtramck, Michigan
Environmental Design
Ashley C. Kaisershot, Montgomery, Minnesota
Environmental Design

Samantha Lott, Chaska, Minnesota
Environmental Design

Zachary B. Sager, Starkweather, North Dakota
Environmental Design

Erik J. Schwarzkopf, Hermantown, Minnesota
Environmental Design

••• **Whitney R. Vogel**, Maple Grove, Minnesota
Environmental Design

Megan K. Ward, Bloomington, Minnesota
Environmental Design

BACHELOR OF SCIENCE IN AGRICULTURAL AND BIOSYSTEMS ENGINEERING

Ethan C. Liebswager, Thompson, North Dakota
Daniel K. Merritt, Howard Lake, Minnesota
Chad G. Sietsema, Sacred Heart, Minnesota
Roy C. Swenson, Sanborn, North Dakota

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

- **Alex E. Ausk**, Wheatland, North Dakota
John S. Blenker, Albany, Minnesota
Alysa C. Emerson, Maple Grove, Minnesota
Kathryn A. Garceau, Foley, Minnesota
Alex J. Goerke, Monticello, Minnesota
- **Kristal A. Gruba**, St. Cloud, Minnesota
Joshua K. Hengel, Fargo, North Dakota
Suyi Hou, Xi'an, China
Chance B. Hutchinson, Floodwood, Minnesota
Steven C. Jensen, Spicer, Minnesota
Brian M. Knorr, Velva, North Dakota
Shane L. Koenig, Bismarck, North Dakota
- **Megan D. Lee**, Great Falls, Montana
Shuai Liu, Wuhan, Hubei, China
Shawn D. Louwagie, Cottonwood, Minnesota
Jennifer S. Martin, Fargo, North Dakota
Cameron P. Miller, Drake, North Dakota
Chukwuebuka J. Okoye, Isuaniocha, Nigeria
Trent C. Parks, Pillager, Minnesota

Derek W. Pokrzywinski, Lankin, North Dakota
Nickolas J. Reinke, Moorhead, Minnesota

- **Ashley M. Roder**, Glyndon, Minnesota
Kyle M. Rule, Andover, Minnesota
James M. Soltis, Bloomington, Minnesota
Katy J. Waisanen, Detroit Lakes, Minnesota
Zachary H. Webber, Farmington, Minnesota
Daniel A. Weber, Fergus Falls, Minnesota
- **Andrew K. Wellumson**, Williston, North Dakota
Doug A. Wencil, Blaine, Minnesota
- **Tyler P. Yngsdal**, Rochester, Minnesota
William A. Zidon, Pisek, North Dakota

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Jake L. Joraanstad, Rolla, North Dakota
Zachary N. Michel, Fargo, North Dakota
Jamie L. Ottmar, Mott, North Dakota
Tyler J. Pattengale, Fargo, North Dakota
Austin W. Vandeberg, Ray, North Dakota

BACHELOR OF SCIENCE IN CONSTRUCTION ENGINEERING

- Jeffrey T. Albrecht**, Elk River, Minnesota
Cade A. Krueger, Detroit Lakes, Minnesota
- **Thomas J. Ward**, Montevideo, Minnesota

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

Derek R. Anderson, Maple Grove, Minnesota
Corey M. Arones, Lino Lakes, Minnesota
Nathaniel W. Berg, Detroit Lakes, Minnesota
Lukas J. Dahl, Hallock, Minnesota
Joshua P. Flem, Andover, Minnesota
Jason R. Foster, Breckenridge, Minnesota
Brendan D. Frost, New York Mills, Minnesota
Jeremy J. Host, St. Cloud, Minnesota
Nathan J. Kemp, Cavalier, North Dakota
Derek P. Mathison, Mora, Minnesota
William R. McCain, Watertown, Minnesota
Zachary J. Milton, Maplewood, Minnesota
Lucas W. Mol, Maple Grove, Minnesota
Jesse J. Morrow, Watertown, South Dakota
Caleb D. Nolte, Belle Plaine, Minnesota
Patrick K. Peltier, New York Mills, Minnesota
Daniel N. Sheridan, Fargo, North Dakota
Jarrold D. Skoog, West Fargo, North Dakota
Brendan R. Tarang, Leeds, North Dakota
Brandon Thiele, Eagan, Minnesota
Leland J. Zeman, Elk River, Minnesota

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

- Mohammed Eid Albalawi**, Jubail Industrial City, Saudi Arabia
- Brian M. Amann**, Bismarck, North Dakota
- Nicholas A. Boldt**, Moorhead, Minnesota
- Geetika Chaudhary**, New Delhi, India
- **Varun Dabas**, New Delhi, India
 - Nicholas F. Engel**, Bovey, Minnesota
 - Stephanie F. Erickson**, Fargo, North Dakota
 - Joshua G. Ferguson**, West Fargo, North Dakota
 - **Huy X. Ha**, Vinlong, Vietnam
 - Elliot R. Kirschmann**, Regent, North Dakota
 - Peter J. Kronberg**, Forbes, North Dakota
 - Qingyu Meng**, He'nan, China
 - Ahmed E. Musa Alhowajrah**, Fargo, North Dakota
 - **Garrett R. Nelson**, Fargo, North Dakota
 - Preetanjali Prasad**, Nasik, Maharashtra, India
 - Alexander J. Schrautemyer**, Itasca, Illinois
 - Dane R. Swartz**, Willmar, Minnesota
 - **Brent J. Templin**, Maple Grove, Minnesota
 - Casey L. Turnwall**, Delano, Minnesota
 - Suhanthan Vethanayagam**, Kalmunai, Sri Lanka
 - **Benjamin A. Whittier**, Canby, Minnesota
 - Tharidu M. Wickramaratne**, Colombo, Sri Lanka
 - **Derek D. Wiseman**, Bismarck, North Dakota

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING AND MANAGEMENT

- Derek N. Anderson**, Maple Grove, Minnesota
- Melissa A. Bartholomay**, Fargo, North Dakota
- Jared M. Comegys**, Casselton, North Dakota
- Duanjian Feng**, Sichuan, China
- Kyle J. Kramer**, Watkins, Minnesota
- Jason A. McKeever**, Pelican Rapids, Minnesota
- David W. Rokenbrodt**, Wadena, Minnesota
- Tyler B. Samuelson**, Hastings, Minnesota
- Michael J. Schnepf**, West Fargo, North Dakota
- **Jordan B. Sharp**, Roseau, Minnesota
 - Hanxiao Tian**, Shanghai, China
 - **Luisa F. Torres**, Guatemala, Guatemala
 - Kathryn L. Whelan**, Bloomington, Minnesota
 - Joseph M. Wolverton, Jr.**, Plymouth, Minnesota
 - Aaron M. Woytcke**, St. Michael, Minnesota

BACHELOR OF SCIENCE IN MANUFACTURING ENGINEERING

- **Yiwei Han**, Wuhan, Hubei, China
- Christopher Hoffarth**, Valley City, North Dakota+
- Craig M. Knochenmus**, Morris, Minnesota
- Tyler P. Thompson**, Hallock, Minnesota
- Matthew A. Walla**, Fargo, North Dakota

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

- Michael D. Anderson**, Leeds, North Dakota
- **Sloan O. Balo**, White, South Dakota
 - **David J. Baltes**, Sauk Rapids, Minnesota
 - Matthew D. Beilke**, Detroit Lakes, Minnesota
 - **Brendan T. Bohn**, Bismarck, North Dakota
 - Benjamin B. Brilz**, Bismarck, North Dakota
 - Justin H. Cronin**, Fargo, North Dakota
 - **Heath R. Dahl**, Kennedy, Minnesota
 - Andrew J. Dobmeier**, Albany, Minnesota
 - **Cody B. Erhardt**, Bismarck, North Dakota
 - Nathaniel J. Grobe**, Hudson, Wisconsin
 - **Jacob F. Hein**, Wing, North Dakota
 - Jason G. Hemmer**, Braham, Minnesota
 - **Paul M. Hollermann**, Cold Spring, Minnesota
 - **Ross M. Hollermann**, Cold Spring, Minnesota
 - **Jesse J. Janson**, St. Cloud, Minnesota
 - Catherine M. Kempe**, Verndale, Minnesota
 - **Travis L. Kunrath**, Bismarck, North Dakota
 - Samuel Leyk**, Sauk Rapids, Minnesota
 - Justin J. Linder**, Warren, Minnesota
 - **Ethan D. Marihart**, Dumont, Minnesota
 - Jared S. Martel**, Fargo, North Dakota
 - Joseph W. Matlock**, Eden Prairie, Minnesota
 - James A. McTavish**, Glyndon, Minnesota
 - **Victoria P. Nouis**, Little Falls, Minnesota
 - Ismir Pekmic**, Fargo, North Dakota
 - Brett H. Peterson**, Maple Grove, Minnesota
 - Weitian Qin**, Haikou, China
 - Austin L. Quade**, Westbrook, Minnesota
 - Evan R. Quist**, St. Cloud, Minnesota
 - Adam T. Roubinek**, Braham, Minnesota
 - Gregory J. Schiefelbein**, Hastings, Minnesota
 - Kyle J. Sieberg**, Good Thunder, Minnesota
 - Brandon M. Smith**, Brainerd, Minnesota
 - Chad W. Spletstoeszer**, Delano, Minnesota
 - Christopher J. Strand**, Mitchell, South Dakota
 - Daniel J. Towers**, Menahga, Minnesota
 - Jacob W. Vigness**, Nielsville, Minnesota
 - Andrew Weber**, Cottage Grove, Minnesota
 - Neysia A. Wimmer**, Alexandria, Minnesota

COLLEGE OF

HUMAN DEVELOPMENT AND EDUCATION

Candidates to be presented by Dean Virginia Clark Johnson and marshaled by
Dr. Rebecca Woods and student marshal Quinn Benson.

BACHELOR OF ARTS

- **Megan Bryant**, International Falls, Minnesota
Mathematics Education
Mathematics
- Naomi M. Koehler**, New York Mills, Minnesota
English Education
- Amy C. Marquardt**, Watertown, South Dakota
English Education
- Jessie M. Quaglia**, Mandan, North Dakota
Apparel, Retail Merchandising and Design
- Jacob W. Sundeen**, Fargo, North Dakota
English Education

BACHELOR OF SCIENCE

- Heidi J. Bachler**, Excelsior, Minnesota
Hospitality and Tourism Management
- **Sydney K. Becker**, Bismarck, North Dakota
Apparel, Retail Merchandising and Design
- Keith C. Bennett**, Grand Forks, North Dakota
Exercise Science
- Sarah M. Bieber**, Bismarck, North Dakota
Apparel, Retail Merchandising and Design
- Matthew S. Blum**, Chanhasen, Minnesota
Exercise Science
- Ashley M. Bolstad**, Fargo, North Dakota
Human Development and Family Science
- Shannon Bozovsky**, Fargo, North Dakota
Exercise Science
- **Kimberly N. Braulick**, Sleepy Eye, Minnesota
Human Development and Family Science
- Briana J. Burdick**, Devils Lake, North Dakota
Human Development and Family Science
- Carly M. Camas**, Casselton, North Dakota
Human Development and Family Science
- Ashley K. Campbell**, Cando, North Dakota
Human Development and Family Science
- Anne M. Carlson**, Minot, North Dakota
Family and Consumer Sciences Education
- Maxwell J. Casper**, Circle Pines, Minnesota
Sport and Recreation Leadership
- Madison B. Christenson**, Parshall, North Dakota
Human Development and Family Science
- Kelly C. Cooper**, Farmington, Minnesota
Spanish Education
- **Amanda C. Crockett**, Minot, North Dakota
Human Development and Family Science
Psychology
- **Ashley J. Dauner**, Hawley, Minnesota
Human Development and Family Science
- Jeffrey D. Dertinger**, Alexandria, Minnesota
Sport and Recreation Leadership
- Michael S. Dobberstein**, Fargo, North Dakota
Chemistry Education
Chemistry

- Bethany J. Dufault**, Grand Forks, North Dakota
Human Development and Family Science
- **Lukas R. Dykema**, Raymond, Minnesota
Chemistry Education
- Shari A. Elsen**, Hecla, South Dakota
Exercise Science
- Emily M. Eltgroth**, Hutchinson, Minnesota
Human Development and Family Science
- Jordan D. Feltman**, Grafton, North Dakota
Hospitality and Tourism Management
- Todd A. Frie**, Osakis, Minnesota
Physical Education
Health Education
- Adam S. Gronaas**, Fargo, North Dakota
Social Science Education
- Brittany L. Hanson**, Crosby, North Dakota
Hospitality and Tourism Management
- Sarah B. Hardesty**, Moorhead, Minnesota
Hospitality and Tourism Management
- Alissa J. Heinze**, Hannaford, North Dakota
Apparel, Retail Merchandising and Design
- Andrew J. Herian**, Fargo, North Dakota
Sport and Recreation Leadership
- Warren D. Holloway**, Houston, Texas
Physical Education
- **Heidi E. Horstmann**, New Ulm, Minnesota
Hospitality and Tourism Management
- **Jessica M. Hotchkiss**, Christine, North Dakota
Human Development and Family Science
- Kayla L. Hovland**, Fessenden, North Dakota
Human Development and Family Science
- Yifang Jiang**, Wuxi, Jiangsu, China
Apparel, Retail Merchandising and Design
- Ciarra L. Jorgenson**, Minot, North Dakota
Apparel, Retail Merchandising and Design
- Josephine S. Jorris**, Elk River, Minnesota
Human Development and Family Science
- Blaise J. Kautzman**, Mott, North Dakota
Human Development and Family Science
- Kristen N. Killoran**, Casselton, North Dakota
Sport and Recreation Leadership
- Bryce D. Knaust**, Lidgerwood, North Dakota
Mathematics Education
- **Mikayla R. Koble**, Minot, North Dakota
Human Development and Family Science
- Joseph T. Koteles**, Elk River, Minnesota
Biological Sciences Education
Biological Sciences
- Kayla M. Koth**, Bismarck, North Dakota
Human Development and Family Science
- Ryan K. Kuphal**, Chaska, Minnesota
Human Development and Family Science
- **Elizabeth E. Kusler**, Kulm, North Dakota
Family and Consumer Sciences Education

- Tinn Lee**, Shoreview, Minnesota
Interior Design
- Carly T. Lenihan**, Bismarck, North Dakota
Apparel, Retail Merchandising and Design
Spanish
- Devon K. Lura**, Fargo, North Dakota
Human Development and Family Science
- Ryan J. Malmer**, Mahtomedi, Minnesota
Exercise Science
- Matthew J. Melchior**, St. Paul Park, Minnesota
Sport and Recreation Leadership
- Sarah L. Mertz**, Bismarck, North Dakota
Human Development and Family Science
- **Amy T. Miller**, Roseau, Minnesota
Human Development and Family Science
- Alicia M. Mogen**, Rochester, Minnesota
Human Development and Family Science
- **Shawn M. Motl**, Staples, Minnesota
Exercise Science
- Trent J. Murray**, St. Bonifacius, Minnesota
Sport and Recreation Leadership
- **Whitney R. Myers**, Parshall, North Dakota
Hospitality and Tourism Management
- **Colette K. Nagel**, Linton, North Dakota
Family and Consumer Sciences Education
- Courtney M. Nelson**, Fargo, North Dakota
Apparel, Retail Merchandising and Design
Public History
- Crystal K. Nodsle**, Denver, Colorado
Interior Design
- **Shelby I. Novak**, Grand Forks, North Dakota
Apparel, Retail Merchandising and Design
- Lucas J. Odegard**, Sauk Centre, Minnesota
Exercise Science
- Amanda K. Olson**, Ottertail, Minnesota
Dietetics
- Maura Oster**, Fargo, North Dakota
Apparel, Retail Merchandising and Design
- **Brittany E. Page**, Watertown, South Dakota
Exercise Science
- **Mandi J. Palczewski**, Bowman, North Dakota
Social Science Education
- Jenny B. Peterson**, Brandon, South Dakota
Hospitality and Tourism Management
- **Jaime L. Raden**, Prior Lake, Minnesota
Dietetics
- **Alaina T. Ramstad**, Minneapolis, Minnesota
Human Development and Family Science
- Stephanie D. Risser**, Sanborn, North Dakota
Human Development and Family Science
- Mark J. Roe**, West Fargo, North Dakota
Social Science Education
- Myca M. Romfo**, Langdon, North Dakota
Apparel, Retail Merchandising and Design
- Jacob M. Sailer**, Frazee, Minnesota
Biological Sciences Education
- Brandon T. Saude**, Parkers Prairie, Minnesota
Exercise Science
- Jessica M. Skadberg**, Carrington, North Dakota
Biological Sciences Education
- **Brendon A. Smith**, Lisbon, North Dakota
History Education
History
- Courtney L. Snyder**, Wadena, Minnesota
Apparel, Retail Merchandising and Design
- **Braidy S. Solie**, Fertile, Minnesota
Exercise Science
- Darin L. Spelhaug**, Wyndmere, North Dakota
Agricultural Education
- Aleah D. Stangeland**, Glenfield, North Dakota
Family and Consumer Sciences Education
- **Erin N. Stedman**, Carrington, North Dakota
Human Development and Family Science
- Tyler J. Steen**, Raymond, Minnesota
Physical Education
Health Education
- Robert M. Strickland**, Rogers, Minnesota
Sport and Recreation Leadership
- Spencer D. Timm**, Carlos, Minnesota
History Education
- Brianna Ulven**, Hawley, Minnesota
Human Development and Family Science
- David J. Vanyo**, East Grand Forks, Minnesota
Social Science Education
- **Courtney E. Weck**, Fargo, North Dakota
History Education
- **Zachary D. Wentz**, Bismarck, North Dakota
Physical Education
Health Education
- Hailey A. Windels**, Sebeka, Minnesota
Human Development and Family Science
- Alycia M. Woodard**, Rogers, Minnesota
Dietetics

COLLEGE OF

PHARMACY, NURSING, AND ALLIED SCIENCES

Candidates to be presented by Dean Charles Peterson and marshaled by
Polly Olson and student marshal Madison Stone.

BACHELOR OF SCIENCE

- Nicollette J. DeSautel**, Grafton, North Dakota
Respiratory Care
- **Nidhi Dubey**, Jabalpur, Madhya Pradesh, India
Pharmaceutical Sciences
- Nicholas S. Gangl**, St. Cloud, Minnesota
Respiratory Care
- **Rebecca M. Gemar**, Fargo, North Dakota
Respiratory Care
- Lalita Jyoti**, Fargo, North Dakota
Respiratory Care
- Shelly M. Lux**, Bismarck, North Dakota
Respiratory Care
- Kara D. Misemer**, Jamestown, North Dakota
Respiratory Care
- **Lillian B. Ratchenski**, Cavalier, North Dakota
Respiratory Care
Exercise Science
- John C. Schwab**, New Salem, North Dakota
Respiratory Care

BACHELOR OF SCIENCE IN NURSING

- **Lindsay A. Alexander**, Frazee, Minnesota
- Lydia J. Berry-Koppang**, Jamestown, North Dakota
- Brook A. Bruggeman**, Moorhead, Minnesota
- **Amanda A. Erickson**, Breckenridge, Minnesota
- Donald M. Graening**, West Fargo, North Dakota
- Kelly L. Johnson**, Fargo, North Dakota
- Lacey J. Krueger**, Hankinson, North Dakota
- Michelle E. Larsen**, Amenia, North Dakota
- **Sarah J. Stark**, Cavalier, North Dakota
- Ashley J. Steffl**, Callaway, Minnesota
- **Erica N. Stone**, Fargo, North Dakota
- Lisa A. Thompson**, Bismarck, North Dakota
- Naomi R. Tofibam**, Moorhead, Minnesota
- **Carol L. VanderWeyst**, Cyrus, Minnesota

COLLEGE OF

SCIENCE AND MATHEMATICS

Candidates to be presented by Dean Scott Wood and marshaled by
Dr. Donald Schwert and student marshal Alison Brorby.

BACHELOR OF ARTS

- **Jessica N. Deichert**, Belfield, North Dakota
Mathematics
Mathematics Education
- **Michelle M. Gaffaney**, Bloomington, Minnesota
Biological Sciences
- Andrea Tangsrud**, Wildrose, North Dakota
Computer Science

BACHELOR OF SCIENCE

- **Lauren M. Aamoth**, Fargo, North Dakota
Zoology
- Hannah M. Albrightson**, Fargo, North Dakota
Psychology
English
- Luke D. Anderson**, Savage, Minnesota
Psychology
- **Ryan M. Anderson**, St. Paul, Minnesota
Zoology
- Tricia L. Bastian**, Thief River Falls, Minnesota
Psychology
- **Kevin B. Beidelman**, Elk River, Minnesota
Geology
- Meghan M. Bennett**, Fargo, North Dakota
Zoology
- Ross M. Bergquist**, Jamestown, North Dakota
Zoology
- Ross A. Bickle**, Fargo, North Dakota
Zoology
- **Holly L. Christian**, Apple Valley, Minnesota
Zoology
- Arthur J. Christiansen**, Milnor, North Dakota
Psychology
- Dylan P. Church**, Minnetonka, Minnesota
Zoology
- Charli R. Crawford**, Hugo, Minnesota
Psychology
- Shevonne T. Crusz**, Colombo, Sri Lanka
Biotechnology
- Noah G. Dahle**, Moorhead, Minnesota
Psychology
- Matthew P. Dale**, Alexandria, Minnesota
Zoology
- **Neil W. Dotzenrod**, Wyndmere, North Dakota
Geology
- Jordan M. Dyke**, Hazen, North Dakota
Biological Sciences
- Carrie C. Faggerland**, Noonan, North Dakota
Geology
Anthropology
- **Brandi L. Fearing**, Long Prairie, Minnesota
Biological Sciences

- Shashi A. Fernando**, Kandy, Central Province, Sri Lanka
Biotechnology
- Ashton L. Fischer**, Langdon, North Dakota
Zoology
- Jordan A. Flaten**, Mayville, North Dakota
Zoology
- Jamie L. Gay**, Beatrice, Nebraska
Psychology
- Tyler T. Geffre**, Fargo, North Dakota
Computer Science
- Tiffany A. Glass**, Lincoln, North Dakota
Zoology
- Christopher A. Haman**, Surrey, North Dakota
Psychology
- Christopher R. Hanson**, St. Paul, Minnesota
Chemistry
- David S. Hedden**, Moorhead, Minnesota
Computer Science
- Matthew A. Helfrich**, Killdeer, North Dakota
Biological Sciences
- **Kimberly L. Herman**, Ypsilanti, North Dakota
Zoology
- Sonya M. Hills**, Brainerd, Minnesota
Statistics
- John H. Hoeven**, Bismarck, North Dakota
Geology
- Dillon T. Hofsommer**, Fargo, North Dakota
Chemistry
- Tyler V. Holland**, Fargo, North Dakota
Psychology
- Caitlin A. Jensen**, Mililani, Hawaii
Zoology
- Andrew B. Jones**, Fargo, North Dakota
Computer Science
- **Amy J. Jordahl**, Moorhead, Minnesota
Zoology
- **Aaron A. Josephson**, Brooklyn Park, Minnesota
Mathematics
Statistics
- Shannon C. Kerbaugh**, Prosper, North Dakota
Zoology
- Brandon A. Kinzler**, Fargo, North Dakota
Psychology
- Esra Kose**, Istanbul, Turkey
Mathematics
- **Katrina L. Koser**, Pine Island, Minnesota
Psychology
- **Kelsey B. Kraft**, Lakeville, Minnesota
Psychology
- Jang Mi Lee**, Seoul, South Korea
Zoology
- **Lindsey K. Levin**, West Fargo, North Dakota
Psychology

- **Katrina L. Lybeck**, Leeds, North Dakota
Biological Sciences
Psychology
- Chase M. Magalis**, Lakeville, Minnesota
Psychology
- Rupam R. Mahodaya**, Gurgaon, Haryana, India
Computer Science
- Jamil J. Maleki**, Fargo, North Dakota
Zoology
- **Jayson C. Marcusen**, Fargo, North Dakota
Zoology
- Bryan R. Marquardt**, Stillwater, Minnesota
Zoology
- Emily A. Monson**, Moorhead, Minnesota
Psychology
- Ashley N. Murphy**, Lakeville, Minnesota
Biological Sciences
- Lovekesh Narang**, Fargo, North Dakota
Computer Science
- **Cassey L. Nelson**, West Fargo, North Dakota
Biological Sciences
- Benjamin V. Nordsven**, Dickinson, North Dakota
Computer Science
- Justin L. Nygaard**, Northwood, North Dakota
Computer Science
- **Nathan A. Ochsner**, Fargo, North Dakota
Psychology
- Nicole M. Opperman**, Fargo, North Dakota
Psychology
- Magdalene I. Ovbiebo**, Fargo, North Dakota
Biological Sciences
- Seyeon Park**, Seoul, Korea
Psychology
- Amanda J. Parsons**, Dickinson, North Dakota
Zoology
- Melanie M. Pundsack**, Melrose, Minnesota
Psychology
- Jarrold M. Rademacher**, Savage, Minnesota
Zoology
- Heidi R. Rasmussen**, Barnesville, Minnesota
Zoology
- Josiah G. Rauser**, Bismarck, North Dakota
Psychology
- Jordan E. Reinbold**, Bismarck, North Dakota
Zoology
- Anna K. Roberts**, Fergus Falls, Minnesota
Mathematics
- Sarah Roseth**, Fargo, North Dakota
Zoology
- Mariah L. St. Augustine**, Minneapolis, Minnesota
Psychology
- Elizabeth A. Schenfisch**, Washburn, North Dakota
Psychology
- Lacey L. Schmaltz**, Onamia, Minnesota
Psychology
- **Darin L. Slusher**, Arthur, North Dakota
Geology
- Brooke A. Swanson**, Long Prairie, Minnesota
Psychology
- Tyler Thorndal**, Elk River, Minnesota
Zoology
- Kushaagr Thukral**, Gurgaon, Haryana, India
Computer Science
- Taylor J. Valnes**, Moorhead, Minnesota
Computer Science
- **Austin M. Vetter**, Minot, North Dakota
Zoology
- Allison A. Walker**, Buffalo, Minnesota
Zoology
- **Deanna J. Webster**, Penn, North Dakota
Zoology
- Andra J. Wheeler**, Grand Forks, North Dakota
Psychology
- Sylvia S. Ziejewski**, Fargo, North Dakota
Psychology
- Anthony Zimmerman**, St. James, Minnesota
Zoology

COLLEGE OF

UNIVERSITY STUDIES

Candidates to be presented by Dean David Wittrock and marshaled by
Dr. Carolyn Schnell and student marshal Eric Estes.

Nicona L. Burman, Beulah, North Dakota

Carol Cherry, Almont, Colorado

Karli J. DeSchepper, Jasper, Minnesota

- **Eric J. Estes**, Farmington, Minnesota

David J. Gerwood, Fargo, North Dakota

Tracy A. Geske, New Prague, Minnesota

Stefan P. Ming, Bismarck, North Dakota

Geoffrey L. Parker, Alpine, Utah

Donald P. Redding, Moorhead, Minnesota

Cheyenne R. Schriefer, Bowdon, North Dakota

Kelsey C. Wilberg, Detroit Lakes, Minnesota

Blair M. Winter, Walker, Minnesota

Carter J. Woodley, West Fargo, North Dakota

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 the 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 the 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 the 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 time of the scholar. Attached to a button atop the “mortarboard” is a tassel; bachelor's and master's are black or color appropriate to the subject; those of doctors are black or golden. The tassel is worn on the left side by those who are receiving or have received a degree. For photography purposes, a candidate's tassel may be worn on the right side of the mortarboard.

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

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

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

While the arrangement of colors is pleasing to the eye and add beauty and impressiveness to ceremonial processions, there is historic significance attached to their selection. The white for arts and letters comes from the white fur of the Oxford and Cambridge B.A. hoods. The red for theology, as used by cardinals for centuries, follows the traditional color of the church and signifies ardent love and zeal for the faith. 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 the 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. All graduate candidates wear a black tassel. At North Dakota State University the color of the tassel signifies the college in which the undergraduate degree is earned:

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

UNIVERSITY MACE

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

GRADUATION

HONORS

WITH HONOR: Graduation with honor applies only to the baccalaureate degree. Graduate courses will not be included in the computation. Candidates who entered NDSU as freshmen and who have earned an institutional grade-point average greater than or equal to 3.50 and less than 3.70 will be graduated Cum Laude, an institutional grade-point average greater than or equal to 3.70 and less than 3.90 will be graduated Magna Cum Laude, and an institutional grade-point average greater than or equal to 3.90 and up to 4.0 will be graduated Summa Cum Laude. Candidates with transfer credits must meet the institutional grade-point average qualifications with the above criteria for all credits earned at NDSU, as well as a cumulative grade-point average for all credits earned including those from transfer work. All grades and all attempts of repeated courses 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, that qualify are: juniors, top 7 percent; seniors, top 10 percent; and MBA students, top 20 percent.

BLUE KEY, *national honor society:* A blue and gold medallion with a blue ribbon is worn around the neck. Blue Key recognizes students for remarkable leadership and outstanding service to the university and the community. Academic achievement of members must be within the top 35 percent of their class.

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

Members represent agricultural excellence at the undergraduate, graduate, and post-graduate levels.

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

LAMBDA BETA HONOR SOCIETY, *national respiratory care honor society:* A forest green and black ribbon pin is worn on the gown. 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 human or mass communication major courses.

MORTAR BOARD, *national honor society:* A gold medallion is worn around the neck. Mortar Board recognizes college seniors for distinguished ability and achievement in scholarship, leadership and service. Members must also 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.

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 3.50 institutional grade-point average at the close of any full-time semester during their first year.

PHI KAPPA PHI, *honorary scholastic society*: A gold medallion with blue ribbon is worn around the neck. Members are chosen from among those 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 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 3.50 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 publically 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.

HONORARY

DOCTORATES

1939

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

1940

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

1943

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

1946

Dr. L. Van Es, D.Agr.

1948

O. A. Stevens, D.Sc.

1949

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

1950

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

1951

Clyde H. Bailey, D.Sc.

1952

D. Milton Ladd, LL.D.

1953

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

1954

Dean R. M. Dolve, D.Sc.

1955

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

1956

Roy Johnson, D.Sc.

1957

John Haw, D.Sc.

1958

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

1959

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

1960

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

1961

E. J. Haslerud, D.Sc.

1962

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

1963

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

1964

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

1965

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

1966

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

Special Convocation

Dec. 15, 1966

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

1967

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

1968

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

During Inaugural April 11, 1969

Dr. Clifford M. Hardin, D.Sc.

1969

Clifford H. Willson, D.Sc.

1970

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

1971

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

1972

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

1973

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

1974

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

1975

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

1976

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

1977

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

1978

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

1979

Roland F. Harding, D.Sc.

1980

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

1981

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

1982

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

1983

John Rouzie, D.Hum.Litt.

1984

Brynhild Haugland, LL.D.

1985

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

1986

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

1987

Robert M. Hendrickson, LL.D.

1988

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

1989

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

1990

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

1991

Lloyd Thompson, D.Sc.

1992

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

1993

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

1994

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

1995

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

1996

Dr. Philip E. Austin, LL.D.

1998, May

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

1998, December

Dr. James M. Sugihara, D.Sc.

1999, May

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

1999, December

Robert C. Dawson, LL.D.

2000, May

David W. Bernauer, D.Sc.
Douglas J. Burgum, LL.D.

2000, December

Ervin E. Kaiser, LL.D.

2001, May

Dr. A. Catherine Cater, D.F.A.
Dr. Evelyn R. Morrow Lebedeff,
LL.D.

2001, December

Byron Dorgan, LL.D.

2002, May

John Q. Paulsen, LL.D.
Fred G. Paavola, D.Sc.

2003, May

Ian B. Edwards, D.Sc.
Michael E. Hanson, D.Sc.

2004, December

General Charles F. Wald, LL.D.

2005, May

James Rosenquist, D.F.A.

2006, May

Steve Swiontek, LL.D.

2006, December

Russell F. Freeman, LL.D.

2007, May

Frank Jennings, LL.D.
James Meier, D.Sc.

2007, December

John Dean, D. Agr.
Sheldon Ellig LL.D.
Harold Newman, LL.D.

2008, May

Myron Bright, LL.D.
Dr. Calvin Fercho, D. Sc.

2008, December

Maj. Gen. Darrol G. Schroeder, LL.D.
Maj. Gen. Terry L. Scherling, LL.D.

2009, May

Robert Challey, LL.D.

2010, May

Esther Myers, LL.D.

2010, December

Barry Batcheller, D. Sc.

**HONORARY DOCTORATES
– HONORIS CAUSA**

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

ACKNOWLEDGMENTS

STAGE PARTY

Dr. Dean L. Bresciani

President

Dr. J. Bruce Rafert

Provost

Dr. Kenneth Grafton

Vice President for Agricultural Affairs,
Dean of College of Agriculture, Food Systems,
and Natural Resources, and
Director of the North Dakota Agriculture
Experiment Station

Eveadean Myers

Vice President for Equity, Diversity
and Global Outreach

Prakash Mathew

Vice President for Student Affairs

Laura McDaniel

Assistant Vice President for University Relations

Marc Wallman

Interim Vice President for
Information Technology and CIO

Chris Wilson

General Counsel

Dr. Kent Sandstrom

Dean, College of Arts, Humanities
and Social Sciences

Dr. Ronald Johnson

Dean, College of Business

Dr. Gary Smith

Dean, College of Engineering and Architecture

Dr. David Wittrock

Dean, College of Graduate and
Interdisciplinary Studies

Dr. Virginia Clark Johnson

Dean, College of Human Development
and Education

Dr. Charles Peterson

Dean, College of Pharmacy, Nursing,
and Allied Sciences

Dr. Scott Wood

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Dr. William Wilson

University Distinguished Professor of Agribusiness
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Ashley Jacobson

Student Soloist

USHER/SEATING COORDINATORS

Elton Solseng

Colleen Solseng

Carolyn Orvik

Kaarin Remmich

Assisted by members of Ag Ambassadors, Blue Key, Engineering and Architecture Ambassadors, International Student Association, Phi Kappa Phi and Sri Lankan Student Association

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TO THE

DECEMBER GRADUATE OF 2012

Congratulations on earning your degree. You may not notice the difference, but today, along with your colleagues, you have become alumni. For you, one era has passed; another is about to begin.

You are a member of the Bison family and will continue to carry the reputation of North Dakota State University through your activities and accomplishments. You exemplify the results of a good education: a critical mind, a discerning spirit, higher values, a sense of commitment and the privilege of service.

By virtue of graduation, you are a member of the Alumni Association. We will provide you a continued NDSU connection with information, services, events, Bison Pride items and a Career Center link. Services include an online directory listing your classmates, Web postcards, screensavers, event information, City Ambassadors to assist with relocation questions and e-mail forwarding. Also, like us on Facebook at facebook.com/ndsu.fargo, Twitter (@ndsunews) and LinkedIn (NDSUAlumni). We hope these resources help you to stay in touch with your friends and classmates.

Your Alumni Association works closely with the NDSU Career Center to provide alumni services such as career networking, electronic job board, online resume posting, career fairs, resume critique, cover letter review, complimentary online access to career assistance Web sites, interview preparation and search strategies. All of the Alumni Association and Career Center services can be found at www.ndsualumni.com.

As alumni, you can assist the university in many ways. You can recruit highly qualified students, like yourself. You can proudly represent NDSU through personal and occupational achievements. You can give back financially through the Development Foundation. You can work in a volunteer capacity to coordinate special events conducted across the United States and internationally.

To you, your family, friends and those who helped you arrive here today we extend our best wishes. You are joining a great family of more than 80,000 NDSU alumni working together to make a difference around the world. Welcome to the Alumni Association.

Go Bison!



Wayne Schluchter, BS '82
President, Alumni Association



Sherri Schmidt, BS '83
Associate Executive Director, Alumni Association

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OH, SAY CAN YOU SEE BY THE DAWN'S EARLY LIGHT,
WHAT SO PROUDLY WE HAILED AT THE TWILIGHT'S LAST GLEAMING?
WHOSE BROAD STRIPES AND BRIGHT STARS, THRU THE PERILOUS FIGHT,
O'ER THE RAMPARTS WE WATCHED, WERE SO GALLANTLY STREAMING?
AND THE ROCKETS' RED GLARE, THE BOMBS BURSTING IN AIR,
GAVE PROOF THROUGH THE NIGHT THAT OUR FLAG WAS STILL THERE.
OH, SAY DOES THAT STAR-SPANGLED BANNER YET WAVE
O'ER THE LAND OF THE FREE AND THE HOME OF THE BRAVE?

BY FRANCIS SCOTT KEY

THE STAR-SPANGLED BANNER

HO, A CHEER FOR GREEN AND YELLOW
UP WITH YELLOW AND THE GREEN,
THEY'RE THE SHADES THAT DECK OUR PRAIRIES
FAR AND WIDE WITH GLORIOUS SHEEN,
FIELDS OF WAVING GREEN IN SPRINGTIME
GOLDEN YELLOW IN THE FALL —
HOW THE GREAT HIGH-ARCHING HEAVEN
LOOKS AND LAUGHS UPON IT ALL.

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

THE YELLOW AND THE GREEN