

**FALL 2016** 

# COMMENCEMENT

SATURDAY 17 ORDER OF EXERCISES & NAMES OF CANDIDATES DEC. 17 MONTANA STATE UNIVERSITY

#### ACADEMIC REGALIA

The academic regalia—consisting of cap, gown and hood—originated in about the twelfth century. It was primarily worn for warmth. Subsequently, the material of the gown and the lining and shape of the hood represented economic and social as well as academic status.

In the United States, the majority of the academic regalia now worn is in accordance with the general provisions of the Intercollegiate Code of 1895. Under this code, bachelors' gowns are made with pointed sleeves; masters' gowns are made with long, closed sleeves with an arc near the bottom; doctors' gowns are made with round, open sleeves. Usually gowns are black, although some American and foreign universities use colors.

Bachelors' and masters' gowns are untrimmed. Doctors' gowns are faced down the front with velvet with three velvet bars across the sleeves. The velvet facing and bars may be black or they may be the color of the field of study. A woman may wear a white collar with a bachelor's gown.

Hoods are black. The doctor's hood is four feet in length; the master's three and one-half feet. Hoods are lined with the official colors of the university. The velvet borders of the hoods, which are three and five inches wide for the masters' and doctors' degrees respectively, identify the fields of study to which the degrees pertain.

The black mortarboard cap is standard in the United States. It is an essential part of the academic dress and is to be retained on the head throughout all academic exercises except during prayer. In particular, the cap is not to be removed at any point in the conferment of a degree.

A long tassel is fastened to the middle top point of the cap and lies as it will thereon. Students graduating with highest honors wear a gold tassel on their caps. A blue tassel identifies those graduating with honors.

Students from Montana State University who have served a period of active duty in the U.S. Armed Forces are wearing a red, white, and blue honor cord during Commencement ceremonies in recognition of their service to our country.

For all academic purposes, the colors associated with the different subjects are as follows:

Agriculture, Maize Architecture, Blue Lilac Arts and Letters, White Business, Sapphire Blue Dentistry, Lilac Economics, Copper Education, Light Blue Engineering, Orange Fine Arts, Brown Forestry, Russet Humanities, Crimson Library Science, Lemon Medicine, Green Music, Pink Nursing, Apricot Oratory, Silver Gray Pharmacy, Olive Green Philosophy, Dark Blue Physical Education, Sage Green Public Health, Salmon Pink Science, Golden Yellow Theology, Scarlet Veterinary Science, Gray Law, Purple

## ORDER OF EXERCISES

ONE HUNDRED AND TWENTY-FIFTH GRADUATING CLASS SATURDAY, DECEMBER  $17\mathrm{TH}$  · TWO THOUSAND SIXTEEN · BRICK BREEDEN FIELDHOUSE

#### **PROCESSIONAL**

Michael Babcock, Ph.D., Grand Marshal Flourish for Wind Band by Ralph Vaughn Williams Pomp and Circumstance No. 1 by Edward Elgar MSU Wind Symphony, Nathan Stark, D.M.A., Conductor Star Spangled Banner by Francis Scott Key Led by Hannah Lane, Bachelor of Arts in Music Education

#### **ANNOUNCEMENTS**

Waded Cruzado, Ph.D., President of Montana State University

## PRESENTATION OF CANDIDATE AND CONFERRING OF HONORARY DEGREE

Waded Cruzado, Ph.D., President of
Montana State University
Robert Mokwa, Ph.D., Interim Executive Vice President for
Academic Affairs and Provost

#### MESSAGE TO THE CANDIDATES FOR DEGREES

John Heminway, Honoris Causa College of Arts and Architecture

#### ALUMNI WELCOME TO THE CLASS

Kerry Hanson, MEd, Vice President of Alumni Relations, MSU Alumni Foundation

#### PRESENTATION OF CANDIDATES FOR DEGREES

Robert Mokwa, Ph.D., Interim Executive Vice President for Academic Affairs and Provost

#### **CONFERRING OF DOCTORAL DEGREES**

Waded Cruzado, Ph.D., President of Montana State University Karlene Hoo, Ph.D., Dean, The Graduate School

#### CONFERRING OF MASTER DEGREES

Waded Cruzado, Ph.D., President of Montana State University Karlene Hoo, Ph.D., Dean, The Graduate School

#### CONFERRING OF BACHELOR DEGREES

Waded Cruzado, Ph.D., President of Montana State University Robert Mokwa, Ph.D., Interim Executive Vice President for Academic Affairs and Provost Charles Boyer, Ph.D., Vice President for Agriculture, Dean, College of Agriculture Royce Smith, Ph.D., Dean, College of Arts & Architecture Kregg Aytes, Ph.D., Dean, Jake Jabs College of Business and Entrepreneurship Alison Harmon, Ph.D., Interim Dean, College of Education, Health and Human Development Brett Gunnink, Ph.D., Dean, College of Engineering Nicol Rae, Ph.D., Dean, College of Letters and Science Helen Melland, Ph.D., R.N., Dean, College of Nursing Robert Hietala, M.S.W., Dean, Gallatin College

#### MUSICAL SELECTION

Alma Mater by Mabel Kinney Hall Quartet, Daniel Chaussé, Bachelor of Arts in Music Education; Joseph Kilen, Bachelor of Arts in Music Education; Rachel Wambeke, Bachelor of Arts in Music Education; Hannah Lane, Bachelor of Arts in Music Education

> Wind Symphony, Graduates and Guests Words on back cover

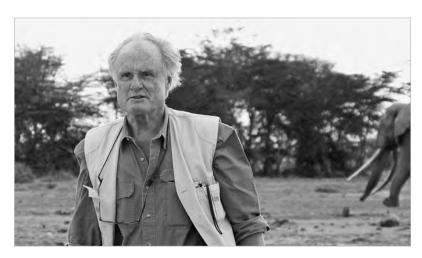
#### RECESSIONAL

March from 1941 by John Williams MSU Wind Symphony, Nathan Stark, D.M.A., Conductor



MSU PHOTO BY KELLY GORHAM

# JOHN HEMINWAY HONORARY DOCTORATE OF ARTS



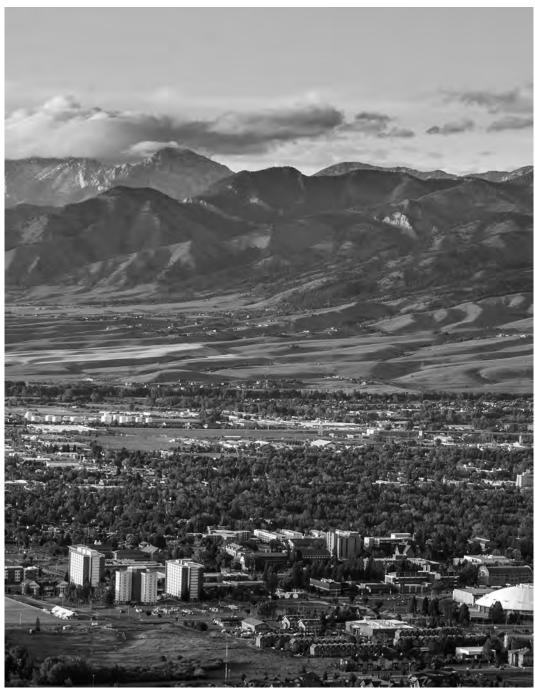
John Heminway is a "filmmaker's filmmaker." His career, that spans more than four decades, includes more than 100 films about science, the environment and Africa, in particular. The quality of his work has earned him two Emmys, two Peabody Awards and a duPont-Columbia University journalism award. His 2013 broadcast of "Battle for the Elephants," produced with Katie Carpenter and J.J. Kelley, was voted the best conservation film at the Jackson Hole Wildlife Film Festival in 2013. The sequel to the film, "Warlords of Ivory," in which Heminway exposed how the illicit ivory trade funds militias and terrorist groups by placing GPS trackers into fake ivory tusks, re-launched National Geographic Channel's Explorer Series, was nominated for an Emmy and was honored at a special ceremony at the United Nations.

In addition to his filmmaking work, he has written books about both Africa and Montana including "Yonder: A Place in Montana," a memoir about living in the West Boulder Valley.

Heminway has served on the boards or advisory councils of many environmental causes, including the African Wildlife Foundation, where he was board chairman for nine years, Trout Unlimited, American Prairie Reserve, White Oak Conservation Center, Tusk, and Elephant Family. In 2013, famed paleoanthropologist

Richard Leakey appointed Heminway chairman of Wildlife Direct, an organization founded by Leakey and dedicated to changing laws and behavior related to wildlife crime in Kenya and elsewhere in Africa.

A native of New York City, Heminway, his wife and daughter have lived in Bozeman for the past decade. He has served as an adjunct lecturer at the MSU School of Film and Photography, as well as a supporter of MSU's chapter of Engineers Without Borders and its work in Kenya, hosting screenings of his films as fundraisers for the group. He is a member of the MSU Honors College External Advisory Council and a supporter of Montana PBS. A member of the Directors Guild of America, the Writers Guild of America the Royal Geographic Society, and the Explorers' Club, among others, Heminway has made significant and positive contributions to MSU, to Montana, to his profession and wildlife on the continent of Africa.



MSU PHOTO BY KELLY GORHAM

## **CANDIDATES FOR DEGREES**

## **Doctoral Degrees**

## COLLEGE OF EDUCATION, HEALTH AND HUMAN DEVELOPMENT

D	octor of Philosophy in Education ————————————————————————————————————
Lincoln I. Davie (Su) Dissertation Title: An Examination of t	Advisor: Jayne Downey, Ph.D. he Intersection of Outdoor Adventure Education & Teacher Education
Martha Cabell Peters (Su) Dissertation Title: Faculty Collaborative	Advisor: Carrie Myers, Ph.D. e Dyads: Profiles & Productivity
	—— Doctor of Education ————————————————————————————————————
Ryan Donald Amys Dissertation Title: <i>The Four-Day School</i>	Advisor: Christine Stanton, Ph.D. l Week: Research on Extended Weekends
Denise Glaser Malloy Dissertation Title: <i>How Preservice Teach</i> A Core Study	Advisor: Ann Ellsworth, Ph.D. hers' Attitudes & Beliefs About Writing Inform Their View of Writing Instruction:
Julie Alexander Ruff Dissertation Title: Inquiry into the Culo Learning Experience Within an America	Advisor: Arthur Bangert, Ph.D. tural Consciousness of Nursing Students During a One-Week Cultural Immersion Service n Indian Community
Kathryn Vaplon Solberg Dissertation Title: Examining the Path	Advisor: Mary Leonard, Ph.D. ways & Supports Leading MSSE Program Graduates into Roles of Leadership
Susan Cater Sullivan (Su) Dissertation Title: Intrinsically Intertwi High School	Advisor: Jayne Downey, Ph.D. ined: Student Perspectives of Success & Challenges in a Competency-Based Public
Nigel Paul Waterton (Su)	Advisor: Nicholas Lux, Ph.D., Co-Advisor: Christine Rogers Stanton, Ph.D.

Dissertation Title: Teacher Consultation Transformation in a Local National Writing Project Site

## COLLEGE OF ENGINEERING

Doctor	of Philosophy in Computer Science
Hasari Tosun <i>(Su)</i> Dissertation Title: <i>Efficient Machine Lead</i>	Advisor: John Sheppard, Ph.D.  strning Using Partitioned Restricted Boltzmann Machines
Doc	ctor of Philosophy in Engineering ————————————————————————————————————
Christopher Robert Allen <i>(Su)</i> Dissertation Title: <i>Nitrogen Removal &amp; A</i>	Advisor: Otto Stein, Ph.D. Associated Greenhouse Gas Production in Laboratory-Scale Treatment Wetlands
oshua Loren Aller Dissertation Title: <i>High Temperature Chl</i>	Advisor: Paul Gannon, Ph.D. lorosilane Corrosion of Iron and AISI 316L Stainless Steel
David Robert Driscoll Dissertation Title: <i>Stabilization of Metali</i>	Advisor: Stephen Sofie, Ph.D. llic Catalyst Microstructures Against High-Temperature Thermal Coarsening
Kristopher Allen Hunt Dissertation Title: <i>The Stoichiometry of N</i>	Advisor: Ross Carlson, Ph.D. Nutrient & Energy Transfer: From Organelles to Organisms
Lenci Robert Kappes <i>(Su)</i> Dissertation Title: <i>Performance &amp; Design</i>	Advisor: Michael Berry, Ph.D. n of Concrete-Filled Steel Pipe Pile to Concrete Cap Connection
Paul Winston Nugent <i>(Su)</i> Dissertation Title: <i>Deployment of the Thi</i> Barrow, Alaska	Advisor: Joseph Shaw, Ph.D. ird-Generation Infrared Cloud Imager: A Two-Year Study of Arctic Clouds at
Lenore T. Page <i>(Su)</i> Dissertation Title: <i>Improving Experiment</i>	Advisor: David Claudio, Ph.D. tal Methods: Exploring Procedural Mechanisms Affecting Participant Behaviors
David John Walters Dissertation Title: <i>A Microstructural Inve</i>	Advisor: Edward Adams, Ph.D. estigation of Radiation Recrystallized Snow Layers

#### **COLLEGE OF LETTERS & SCIENCE**

## **Doctor of Philosophy in American Studies** Emerson Lee Bull Chief (Su) Advisor: Matthew Herman, Ph.D. Dissertation Title: Belief Ways of the Apsaalooke: Development of a Culture Through Time & Space Doctor of Philosophy in Biochemistry -Jacob H. Artz Advisor: John Peters, Ph.D. Dissertation Title: Characterization of Cpl & Cpll [FeFe]-Hydrogenases Reveals Properties Advisor: Brian Bothner, Ph.D. Ravi Kant (Su) Dissertation Title: Biophysical Characterization of P22 Bacteriophage & Adenoassociated Viruses Alan James Weaver Advisor: Martin Teintze, Ph.D. Dissertation Title: Investigations Into the Activity of Synthetic & Natural Products Against Methicillin-Resistant Staphylococcus Aureus Daniel Lee Willems Advisor: Edward Dratz, Ph.D. Dissertation Title: Mass Spectrometry Based Lipidomics as a Tool in the Search for Biomarkers and Mechanisms of Disease Doctor of Philosophy in Chemistry – Ethan James Edwards (Su) Advisor: Trevor Douglas, Ph.D. Dissertation Title: The Development of Hybrid Biomaterials Using the Virus-Like Particle (VLP) from Bacteriophage P22 Advisor: Robert Walker, Ph.D. Melissa D. McIntvre Dissertation Title: In Operando Spectroscopic Studies of High Temperature Electrocatalysts Used for Energy Conversion Charles William Stark Advisor: Patrik Callis, Ph.D. Dissertation Title: Excited State Processes in Rutheninm (II) Polypyridyl Complexes & Cerium Oxide Nanoparticles - Doctor of Philosophy in Fish and Wildlife Biology -Advisor: Scott Creel, Ph.D. Wigganson Matandiko (Su) Dissertation Title: Factors Affecting the Size & Distribution of Large Herbivores in Kafue National Park, Zambia

#### **Doctor of Philosophy in Mathematics**

Elizabeth G. Arnold

Advisor: Elizabeth Burroughs, Ph.D.

Dissertation Title: Investigating the Teaching of Statistics with Technology at the High School Level Through the Use of Annotated Lesson Plans

Daniel Kanewske

Advisor: Tianyu Zhang, Ph.D.

Dissertation Title: Stress Tensor Symmetry Preserving Model Applied to the 2-D Viscoelastic Flow of a Biofilm

Nathan McClanahan

Advisor: Tianyu Zhang, Ph.D.

Dissertation Title: Separating the EPS in a Biofilm: Models and Simulations of Movement of the EPS Within

Danielle Nichole Pettry

Advisor: Jennifer Luebeck, Ph.D.

Dissertation Title: The Development of Specialized Content Knowledge Among Secondary Mathematics Pre-Service Teachers

### **Doctor of Philosophy in Physics**

Katerina Chatziioannou (Su)

Advisor: Nicolas Yunes, Ph.D.

Dissertation Title: Spin-Precessing Compact Binaries: Gravitational Wave Modeling and Information Extraction

#### Doctor of Philosophy in Statistics

Katharine Michelle Banner

Advisor: John Cherry, Ph.D., Co-Advisor: Megan Higgs, Ph.D.

Dissertation Title: Is Model Averaging the Solution for Addressing Model Uncertainty? Methodological Insights, Tools for Assessment, and Considerations for Practical Use

Michael David Lerch

Advisor: John Cherry, Ph.D., Co-Advisor: Megan Higgs, Ph.D.

Dissertation Title: Statistics in the Presence of Cost: Cost-considerate Variable Selection and MCMC Convergence Diagnostics

#### **COLLEGE OF NURSING**

## - Doctor of Nursing Practice

#### Kara Marie Addison

Advisor: Jennifer Sofie, Ph.D.

Dissertation Title: Safety Improvement in Biological Therapy for Patients With Moderate to Severe Plaque Psoriasis: A Pilot Project & Quantitative Analysis

#### Kara Holzwarth Falk

Advisor: Jennifer Sofie, Ph.D.

Dissertation Title: Development & Implementation of a Panel Managed Preventative Health Services Protocol in a Rural Primary Care Clinic To Improve Patient Access to Care



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## Master Degrees

## COLLEGE OF AGRICULTURE

Ma	ster of Science in Animal and Ran	nge Sciences ————————————————————————————————————
Melissa Rashelle Herrygers Rebecca Kathleen Ozeran	Brooke Sierra Regan (Su)	Joao L. Rossi (Su)
	Master of Science in Applied Eco	onomics —
Zachary Andrew Bishop		
——— Master o	of Science in Immunology and In	fectious Diseases —————
Bennett Stephen Hisey		
——— Master of So	cience in Land Resources and Env	vironmental Sciences —
Marianne Alford	Robert M. Mediak	Amanda Marie Rothermal
Jason Eric Baldes (Su)	Shelley L. Mills	Aaron James Scott-Klingborg (Su)
Michael Linn Bestwick (Su)	Lizzy Anne Montgomery	Ricardo A. Segovia
Warren Porth Darrell (Su)	Elizabeth Anne Morgan (Su)	Lora Mae Soderquist
Christian Douglas Larson	Zev J. Reuter	Erika Nicole Sturn
	— Master of Science in Plant Path	nology —
Elisa Kirk Boyd	Carmen Yvette Murphy	
	— Master of Science in Plant Sci	ience —
Hannah Margaret Estabrooks (Su)	Jakob Darby Kammeraad (Su)	

#### COLLEGE OF ARTS AND ARCHITECTURE

#### Master of Architecture

Tyson Jon Abel Kaylyn Rene Brough Taylor Wayne Cornwell Lesley R. Frazier

Quinton John Richard Gangle Tyler James Graff

Eldon Mark Little Cameron Harrison Livdahl Lesley Anne Miller Sara Ann Morrison Piper Lian New Laurel Eve Podlich

Amanda Victoria Rasmussen Urvi Dakshesh Shah Zoya Vladimirovna Shynkevich John Henry Simianer

#### Master of Fine Arts in Art -

Soon Kim Larry Phan

#### - Master of Fine Arts in Science and Natural History Filmmaking -

Erik Rochner Almklov Jared David Berent Alain Whitman Douchinsky Roshan Chandra Patel (Su) Suzanne Duke Philippus Jeffrey Connor Reed

Mary Margaret McNeil Smith (Su) Annie B. White

#### COLLEGE OF BUSINESS

#### Master of Professional Accountancy

Kelly Melinda Balfour Melissa Diane Bradley Hannah Elizabeth Gilley Taylor Margaret Jensen

Michael Vincent Saputo Ritu Sharma

#### COLLEGE OF EDUCATION, HEALTH AND HUMAN DEVELOPMENT

#### Master of Education in Adult and Higher Education -

William David Aderholdt Charla Ann Merja

#### Master of Education in Curriculum and Instruction

Nathan P. Abel (Su) Kezia Mikael Allen (Su) Nathan Robert Anderson Jessica Ann Arnold (Su) Nicole Beauchemin Arrington (Su)

Martha Christine Ziga Bayliss Karim Bekka (Su) Alisa Kay Brantz (Su) Ashley Blair Breton (Su) Wendy Kay Bruso (Su) Jill C. Cammon (Su) Eric Gordon Chaon (Su) Shane B. Christiansen (Su) Nikki Marie Conaway (Su) R. Todd Cornell (Su) Amanda Megan Eney (Su)

Melissa Ann Fell (Su) Juan Pablo Fernandez (Su) Jesse Cole Friebolin (Su) Michelle Emily Fullenkamp (Su) Heidi Sue Goodman

Juan Alejandro Gutierrez (Su) Christine Bolger Jacobson (Su) Candice Dawn Jensen (Su) Spencer Theadore Johnson Alecia Emily Jongeward (Su) Kristi Lynn Knaub (Su) Shanae T. Lawson

Jessica Danielle Lukens (Su) Caroline Beecher Lundeen (Su) Peter James Marvin (Su)

Brigitte R. Morris

Yugo Nakamura (Su) Bianca Inez Neri (Su) Alyson Schafer Ridgway (Su) Aaron Robson (Su) Christiana Routon (Su) Christopher John Schoning (Su) Trevor Scott Skinner (Su) Aaron Michael Smith (Su) Lukasz Starosta (Su) Jared Douglas Sullivan (Su)

Alissa Michelle Vande Vaarst (Su)

Frederick John Weismiller (Su)

(Su) Summer Candidates, Completed Requirements August 5, 2016

I	Master of Education in Educational	Leadership —
Cindy M. Brown Anne Clinton Castren <i>(Su)</i> Joe Colin Crider Jeff Alan Friesen <i>(Su)</i>	Luke Wirth Furshong Kristine Anne Leo (Su) Sara Marie Loewen Kari Vallevik McFarland (Su)	Sara Ann Boom Smith (Su) Noah Daniel Vallincourt
Mas	ter of Science in Health and Human	n Development —————
Barbara Lee Allen Faith Page Ford <i>(Su)</i>	Jenny Lauren Terry <i>(Su)</i> Rebecca Hytovick Tidwell <i>(Su)</i>	Wei Zhu
	COLLEGE OF ENGINEE	RING
	Master of Engineering	
Emery Lee Newlon		
	- Master of Science in Chemical En	gineering —
Boris Ilic Kelsey Lynn Miller	Todd Christian Pedersen Robert W. Schaefer (Su)	
	— Master of Science in Civil Engir	neering —
Lillian Bell Deford <i>(Su)</i> Flynn R. Murray	Shivam Sharda	Richard Allen Snidarich
	— Master of Science in Computer	Science —
James Alan Espeland Leah Christina Thompson <i>(Su)</i>	Monica Sue Thornton	Peng Zou (Su)
	- Master of Science in Electrical En	gineering —
Krishna Narine Chattergoon Drew Roland Moen	Tushar Kanti Routh	Monica Jane Whitaker
N	laster of Science in Environmental	Engineering —
Kylie Brigitta Bodle (Su)	Ashley Marie Madrid	
	Master of Science in Mechanical En	ngineering —
Eric Charles Cauble (Su)	Austin James Lolatte (Su)	
	– Master of Science in Optics and P	Photonics —

David Walter Riesland

## COLLEGE OF LETTERS & SCIENCE

	—— Master of Public Administr	ration —
Karynne Alexandra Cabral Christopher Ryan Sage	Joanna Faye Whittle	Thomas Daniel Woods
	——— Master of Arts in Englis	sh ————
Craig R. West (Su)		
	– Master of Arts in Native Americ	an Studies —————
Fox Chancellor Pearson		
	—— Master of Science in Bioche	mistry —
Jacquelyn Marie Miller		•
	— Master of Science in Biological	Sciences —
Erica Lynn Garroutte (Su)	Laura J. Heil (Su)	
	——— Master of Science in Chem	nistry —
Garrett A. Bernard	Devan R. Watt	
	— Master of Science in Earth S	ciences —
James V. Benes Ashley L. Ferguson <i>(Su)</i> Holt John Hancock	Danika Leah Holmes <i>(Su)</i> Ryan Scott Scanlon Katie Marie Tremaine	Kyle Vanpeursem
Ma	ster of Science in Fish and Wildlif	fe Management —————
Michael R. Ebinger Jeffrey Robert Glaid	Jaclyn Ann McGuire Kole Patrick Stewart	Benjamin Y. Turnock
	—— Master of Science in Mather	matics —
Micah Daniel Anderson Georgia Elise May Barker (Su) Emily Joan Boyce (Su) Marla Michelle Chapa (Su) Krista Kay Freitag (Su)	Jake Miller Hall <i>(Su)</i> Kristen Marie Helland <i>(Su)</i> Katherine T. Ivester <i>(Su)</i> Ashley Obstar <i>(Su)</i> Tasha Marie Dearborn Padmos <i>(Su)</i>	Randi L. Stephens (Su) Kristen Elizabeth Waarvik (Su) Von Hebrew Wolf (Su)

### Master of Science in Microbiology Wayne Yan Lin Aline Pellizzaro Benjamin M. White Master of Science in Physics Aislinn R. Daniels Jacob Douglas Parker Micah J. Price Master of Science in Psychological Science Katherine Morgan Hart Ted Maldonado (Su) Master of Science in Statistics Kelsi Anne Espinoza Matthew Jay Pettigrew Allison S. Theobold Brandon L. Fenton Samuel C. Read Garland Lynn Will (Su) COLLEGE OF NURSING

#### Master of Nursing

Kristi Lynn Anderson Kamera Machel Kennedy-Collins

Rhyana Rose Whiteley

#### THE GRADUATE SCHOOL

#### Professional Master of Science and Engineering Management -Jerrod Bley Kevin Joseph Lalli (Su) Joseph Keith De Serrano (Su)

#### Master of Science in Science Education

Anthony Eugene Altiere (Su) Shauna L. Baron (Su) Sarah Elizabeth Bauer (Su) Tracey Ann Bidwell (Su) Nathan Daniel Boegler (Su) Megan Annette Burgess (Su) Martha Altabeth Jordan Byrd (Su) Ryan Joseph Call (Su) Stephen Joseph Cannici (Su) Amy Marie Chase (Su) Samuel Joseph Cohen (Su) Alyson Fisher Darconte (Su) Allan J. Dinglasan (Su) Alexandra Burns Disney (Su) Dana L. Donlon (Su) Robert Paul Ellenbecker (Su) Andrew Fiala (Su)

Justine Elizabeth Fox (Su) Andrew James Friedlund (Su) Kathryn M. Gangel (Su) Jason Robert Garver (Su) R Brian Good (Su) Jacqueline Paige Hall (Su) Ryan Matthew Harvey (Su) Ruth Lehmann Hutson (Su) Bryan David Idleman (Su) Ange Duffy Jones (Su) Ann Elizabeth Knight (Su) Jennifer R. Konopacki (Su) Henry Bernard Lacey (Su) Renee Marie Lauterbach (Su) Dan M. Leavell (Su) Joseph P. Levitt (Su) Amy Claire Listenik (Su) Amber Lea Lloyd (Su) Margaret Rebecca Lowry-Brock (Su)

Shannon Hague Luna (Su) Deborah Hoyt Mansour (Su) Angela B. Marshall (Su) Allison Christine McClain (Su) Keith McKinniss (Su) Steven Michael Merriman (Su) Leslie Lashaun Moncur (Su) Mary Dolores Noel (Su) Maryellen Scully Omalley (Su) Steven E. ONeill (Su) Laura Ouborg (Su) Christina Lynn Pavlovich (Su) JoAnne G. Phillips (Su) Jordan Robinson (Su) Alison Rockwell (Su) Tina Kristine Rogers (Su) Lisa Mary Rossana (Su) Jessica R. Rowell (Su) Daniel William Rudolf (Su)

Matthew Rath Fisher (Su)

Kimberly Sue Forsythe (Su)

Todd Lawrence Samet (Su) Rebecca Schumacher (Su) Andrew Jacob Senkowski (Su) Christopher Land Shaw (Su) Anna Christine Shearer (Su) Bridget Mustard Sparks (Su) William Joseph Sparks (Su) William M. Stockton (Su) Taryn Powers Surabian (Su) Charles Eric Swafford (Su)
Heather Rebecca Swanson (Su)
Martin Tawil (Su)
Kristin Joanna Tesiny (Su)
Annie Wentz Tete (Su)
Alexander John Tisch (Su)
Burke Jared Torgerson (Su)
Linda M. Townley (Su)
Sarah Keefer Venturi (Su)

Emily Stewart Vercoe (Su)
Kristin Nicole Waverka (Su)
Julie Marie Welde (Su)
John Laurence Wilkie (Su)
David John Howard Wilson (Su)
Lynda N. Wright (Su)
Melissa Yourey (Su)

## **Bachelor Degrees**

### COLLEGE OF AGRICULTURE

1	Bachelor of Science in Agricultura	d Business —
Matthew Lein Derosier Rebecca Lorraine Lake	Casey Lee Palmer	Cody Joseph Seccomb
B	achelor of Science in Agricultural	Education —
Dana Leigh Dale*	Katie J. Mitchell*	
	— Bachelor of Science in Animal S	Science —
Andrew William Arnold	Eric D. Lawver	Cole Daniel Ryan
Austin Joseph Gabelt*	McKenzie Nichole Lessard**	Jesse Rose Staffanson*
Erin Lindsay Gowen	Kayla Marie Lowery	Leah Marie Thurman
Lillian Doyle Hamilton	Alexander Cody Malcolm	Michael Ray Whitmore*
Jami Colleen Johnson*	Danielle Kegan Meissner**	Caroline Isabel Wild**
	— Bachelor of Science in Biotech	nology —
Karl Everet Owen	Krysta M. Quale**	Lynnzie Mae Tompkins
Bacl	nelor of Science in Environmental	l Horticulture ————————————————————————————————————
Andrew Abate	Tanner Joseph McAvoy**	Cara M. Still*
Lucas William Beyer	Sara Marie Park	Carson Jordan Thomas
Taylor Renae Carter	Elizabeth Rose Ritchie*	Devon Paula Wagner
Maggie Jo Crowley*	Annalise Celine Scheppers	
Nathan Wayne Hood	Matthew Dirk Schumacher	
———Bachelor	of Science in Geospatial and Envi	ronmental Analysis ——————
Edward Monroe Johnson		
	Bachelor of Science in Land Reha	bilitation —
Joseph Florio Rizzi*		
	— Bachelor of Science in Microb	iology ————
Timothy Eugene Anderson*	Sarah Jane Labelle	Elisa Kay Santori*
Bachelor of	Science in Natural Resources and	d Rangeland Ecology —————
Brandon Randall Melkon Gould	Casey Ryan Griffis	Emily HC Halverson

<sup>\*</sup> Graduated with honors \*\* Graduated with highest honors † Graduated from Honors College

	— Bachelor of Science in Plant S	Science —
Kendra Marie Hertweck	Megan Sunshine McGill**	
————Bachelor	of Science in Sustainable Food and	d Bioenergy Systems —————
Torryn Krista Frazee*	Kelly Rebecca Kjorlien*	
COL	LEGE OF ARTS AND ARC	HITECTURE
	Bachelor of Music Educat	ion —
Zachary Michael Maurer		
	Bachelor of Fine Arts	
Megan Rose Culbertson** Miles Joseph Johnson* Emily Rose Ketteler**†	Katherine Mary Murphy** Jordyn Marissa Raffety* Damon Reese Stevens**	Rosanna Jean Tallon**
	Bachelor of Arts in Art	-
Emma Lucy Anderson*	Michael Joseph Bober**	Nicholas Allen Krob
	Bachelor of Arts in Environment	al Design ————
Brett Thomas Bishop	Melissa Kay von Borstel	
	Bachelor of Arts in Film and Pho	otography ————
Nolan Jay Blunck Logan Wright Bonwell* Erin M. Burke Ethan Alexander Confer* Morgan M. Estberg Christopher Thomas Filipowicz	Chase L. Goplen Gabriel Edward Jacobs* Marcus Patrick Lelle Jesse R. Matthew Nathan Lee Norby* Dylan W. Quigley*	Patrick Raymond Rooney Adam J. Sanders* Allison Shelly Scotland J. Steele* Cassandra Lynn Wilson
	Bachelor of Arts in Musi	ic ————————————————————————————————————
Anna Grace Borden		
	— Bachelor of Arts in Music Tech	nnology —
Dane Andrew Thompsen		

<sup>\*</sup> Graduated with honors \*\* Graduated with highest honors † Graduated from Honors College

#### **COLLEGE OF BUSINESS**

#### **Bachelor of Science in Business**

Hanaa Abdullah Hazen Steven Alkire Faisal Khalid AlSaad Mohammad A. Alsaad Jessie Evelyn Apple\* Mariah Kristin Berg Gretchen A. Boyd\* Reata A. Brannaman Elise Marie Carlson\* Kassandra D. Carlson Wee Chun Chan Jonathan A. Crouch\* Taylor M. Dagenais Alec Richard Dahlseide Christopher S. Davis Meagan Karen Davis\* Tyler James DeBuse Hans Peter Dierenfeldt Joseph Martin Dito Dylan Thomas Dufner

Brandan Daniel Jesse Eachon\* Zachary Thomas Eash\* Bridger Paul Eaton Jacob Charles Ebersole\* **Emily Anne Eynon** Dillon G. Fraley Patrick D. Franqui Mayank Garg

Quinn Thomas Garrod\* Christopher Scott Gay Daniel J. Guider Amandalee Brooke Hager\* Ashley Marie Henry Heather Marie Hirsch Zachary James Hoffman Sam Stewart Humphries Zachary West Hutchins Gilad Irwin Israel Rosen Amelia Harper Jakob Harry W. James\* Yizhou Jin Mihwa Kim\* Robert Joseph Lacasella

Yao Lei Kelsey Dale Little Jack Weber Lundin\* Zachary Thomas Merrill

Ashlynn E. Meuchel\* Collin Lee Moriarty\* Kyra Dell Morrissey\* Brian Lee Morse\* Skylar D. Munzing Brianna Lvnn Neater

Michael Edwin Alexander Newsome\*

Craig Michael Ollinger Maria Faye Olson

Denis Hancock Payne Whitnee S. Pearcey\* **Iacob Thomas Pekoc** James Reed Powell\* Molly Rose Previte Thomas Dean Ray Kailey Jo Ruff

Thomas Patrick Burkhalter Ruyle\*

Jonathon Paul Scauzzo Adrienne E. Sipes Kelsi Taylor Slingsby Parker Windell Squires Luke T. Stenzel Jesse E. Steorts

Nickolas Leland Stordahl

Rvan I. Swain

Abdulrahman Hussam Tarabishi Grant Shepard Thompson Henry Adams Vinson\*

Weiqi Wang

Jeffery Todd Wanken Derek William Weitzel\*\*

Xinyu Wu Ming Yao Rocky Yassin

Frank Peter Zarzeka III Turner Reid Zsupnik

<sup>\*</sup> Graduated with honors

<sup>\*\*</sup> Graduated with highest honors

<sup>†</sup> Graduated from Honors College

#### COLLEGE OF EDUCATION, HEALTH AND HUMAN DEVELOPMENT

#### Bachelor of Science in Community Health

Allyssa Michele Butler Catherine Josephine Cramer\* Tricia Alyn Dratwick\* Tara Kathleen Foley\* Maci BriAnn Holst\* Alex Katherine Hulbert

Rashelle A. Johns

Shanna Lee Johnson
Chase D. Kusilek
Tyler Paul Roberts
Casey James Lamb Kickingwoman
Jamie Lynn Leafty
Jessica Marie Southcott
Lauren Leslie Maes\*
Nicole Lucille Orth\*
Tyler Paul Roberts
Rachel L. Sisco
Jessica Marie Southcott
Shelby Rae Spillum

Sara Anne McNamara Rachelle Kathleen Morehead

#### Bachelor of Science in Early Childhood Education and Child Services

Amanda Joy Jarvis\* Phoebe Rene Leverett\* Emily Marie Miller\*

#### Bachelor of Science in Elementary Education K-8 -

Conner David Brooks\*
Brice T. Burton\*
Derrick E. Criner\*\*
Loni Virginia Dowton\*
Tamara Joy Droge\*\*
Anne Ione Duletski\*
Desiree L. Dunbar\*\*
Victoria Lynne Evans\*
Anna Elizabeth Ewen\*
Carolyn A. Fiorillo\*\*
Samantha Jane Garcia
Kati Lyn Greear\*
Katrina Dawn Guse\*
Allison Elise Hicks\*
Jasmine Etta Hommes

Savannah Rose Horwood\*\*
Megan C. Houdeshell\*\*
Paige Elizabeth Jette\*
Alix Jordan Kern\*
Kristin L. Knote\*
Kayla Rae Kraft\*
Alexis A. Lahana\*\*
Kristin Leigh Landre\*
Arielle Estelle Mack\*
Kiona Marie Melton\*\*
Jennifer Mary Morris\*
Kate Lynn Marie Morrison\*\*
Daniel Michael Neff
Sarah Elizabeth Newton\*
Ryan Marshall Pekins\*\*

Cori L. Phillips\*\*
Krystal Lynn-Spiess Wertman\*
Katherine Elizabeth Stanfield\*\*
Faith Olivia Steinbacher\*
Sadie Katherine Straughn
Abigail Nicole Tunby\*
Kathryn Aileen Walker\*\*
Bradi Lee Watkins
Riley Dean Weeks
Stephanie N. White\*\*
Emily E. Winn\*
Kaycee Lyn Zieske\*\*
Victoria Allison Zins

Emily Lane Wood\*

Kelsey C. Pfennigs\*

#### **Bachelor of Science in Family and Consumer Sciences**

Laci Anne Mottice\* Rachel Lauren Rainville\*

#### Bachelor of Science in Food and Nutrition

Marissa Fay Collier Ali Nicole Coster Glenn Allen Falcon\* Kyle Ethan Lavender\* Claire Morgan Mayo Meredith Jean McDonald\* Ashlee Marie O'Dell\*

<sup>\*</sup> Graduated with honors

<sup>\*\*</sup> Graduated with highest honors

<sup>†</sup> Graduated from Honors College

E:1 D :1 K 11 1 C	
Erik David Krabbenhoft	Jonathan Earl Reijgers*
Zachary William Kughn	Jamie Marie Ritter
	Wade Robert Robinson*
Sarah Helen Kusek	Cassie Mckenzie Schulz
Amanda Leigh Lindemuth*	Angelica Dawn Silvestrone*
Hanna Christina Mackie*	Elissa Marie Taylor**†
Conor Dean Matthews*	Collin Brett Thomas
Richard Joseph Miller*	Robin N. Tiefenthaler*
Elle J. Morrical*	Alyssa Marie Tilstra*
	Sean Michael Van Horssen
	Kylee Nichale Wegner
Quincey A. Pope**	
elor of Science in Health Enhanc	ement K-12
Luke Joseph Halliburton*	Christina Ann Van Horn*
nchelor of Science in Secondary E	Education —————
Mary M. Kohnstamm**	Danielle Ann Morrison
	Erika Michelle Siegelin
	Jamie Marie Smith*
Science in Sustainable Food and	Rigenerov Systems —————
	<b>6.</b> .
	Elizabeth L. Watson
Cassandra Sue Lieffers*	
chelor of Science in Technology I	Education —
COLLEGE OF ENGINEE	RING
Bachelor of Science in Bioengin	eering —
Sevim Ecmel Mehmetbeyoglu	
chelor of Science in Biological En	ngineering —
chelor of science in biological Li	0 0
C	
Michelle Francis Meagher** Chinomso Emmanuel Onuoha**†	Stephanie Anne Taylor
	Riley Matthew Kurschner Sarah Helen Kusek Amanda Leigh Lindemuth* Hanna Christina Mackie* Conor Dean Matthews* Richard Joseph Miller* Elle J. Morrical* Amy Lynn Perkins Taylor Frances Phelps Quincey A. Pope**  elor of Science in Health Enhance Luke Joseph Halliburton*  achelor of Science in Secondary E  Mary M. Kohnstamm** Kale Monte Krieger* Jamey E. Lewis*  Science in Sustainable Food and Karl Alexander Lauenstein Cassandra Sue Lieffers*  chelor of Science in Technology I  COLLEGE OF ENGINEE  Bachelor of Science in Bioengin

<sup>\*</sup> Graduated with honors \*\* Graduated with highest honors † Graduated from Honors College

#### Bachelor of Science in Chemical Engineering

Dalton W. Albers\*\*

Abdulsamad Abdulrahman Albukhari

Stephanie M. Conrad James McWesley Crawford Grace Ellen Dickerman\*\* Andrew David Gasiewicz Jessica Campbell Karz Bryan Cullan Kilcrease Melissa Marie Mayo\*

Michelle Francis Meagher\*\*

Chinomso Emmanuel Onuoha\*\*†
Danielle Elizabeth Rovira
Bukola Rafeat Saliu\*
Byron Kennedy Stone
Stephanie Anne Taylor

### **Bachelor of Science in Civil Engineering**

Kevin Grant Burt\*\*

Zachariah Matthew Campbell

Daniel T. Casey
Jared Wayne Fabian
Kurt Alan Gernerd
Tyler Robert Jirges\*\*
Branden Christopher Joy
Alexander Joseph Kelley
Cody Ashton Kerkaert

Sumner Anne Wilson LaValley\*

Wacey Jay Meyer\* Sean Kevin Mitchell Tyler Niesen Kelton Richard Parker

Casey Jacob Kukes Penney Dustin Scott Perrin Steven D. Peters\*

Chelsey Ann Rasmussen\*†

David Edward Relph\* Bridget Toshiko Roskam Brennen C. Smith Garrett Page Swandal\*\* Teri Resler Tritz

Benjamin James Van Buskirk

Brady L. Wiegand\*

#### Bachelor of Science in Computer Engineering

Xingpeng Chen\*

Tyler Michael de Caussin\*

Rohan Milind Khante Kolby Jacob McGarrah

Kasy Charles Treu

#### **Bachelor of Science in Computer Science**

Drew Benjamin Antonich\* Austin Michael Baune\*\* Brendan Davis Bellows\* Chad Alexander Bowman Garrett Wayne Cornwell\* Bridger Nathanial Howell\*\* Nevin Saeger Leh\*

Erik Charles McLaughlin Nicolas Wayne Moore\*\* Aaron James Newhall Karl Louis Ohaus Sawyer McClellan Payne Robert J. Putnam David Mark Rice Nathan D. Robertus\*† Emily E. Rohrbough\*\*† Anthony V. Schwartz, Jr. David Phillip Schwehr Michael James Shihrer\* Sage Neil Smith\* John Charles Waters

### Bachelor of Science in Construction Engineering Technology -

Kyle Thomas Cox Jess Garret Cunningham Josh Patrick Gilligan\* Brian Robert Hendrickson\* Tanner Scott Lavering Jared Daniel Meyer\* Aaron Thompson Murray Gairrett Allen Orelup Colin Griffith Prato Ryan Kelly Rayson\* Jose Guillermo Renova Daniel J. Robison\* Chance Richard Stephens Blaine Michael Tennis

## Bachelor of Science in Electrical Engineering

Casey D. Beiser Matthew Edward Chan Jesse Lee Corcoran\* Owen Brandon Curtiss Joseph Charles Emery\* Samuel Walter Engblom\*†
Ahmed Abdulkareem Ghannam\*
Michael Joseph Heger\*\*
Jared N. Kimmet\*
Joseph D. Miller\*

Skylar A. Tamke Barrett Richard Urness\*

<sup>\*</sup> Graduated with honors

<sup>\*\*</sup> Graduated with highest honors

<sup>†</sup> Graduated from Honors College

#### Bachelor of Science in Industrial Engineering

Kayley Anne Gaustad\*

#### —— Bachelor of Science in Industrial and Management Systems Engineering

Yazed Mohammed Alsuhebany Ryan Michael McLaughlin Tyler Lee Nelson\*

#### **Bachelor of Science in Mechanical Engineering**

Abdulaziz Mohammed A Alayoob\*
Hamad Myae Albeaijan
Justin Bryant Alexander\*\*
Colin Joseph Anderson
Michael Stanley Baber
Amanda Rae Bakken
Christopher Alex Baldwin
Ronan Jeffrey Bartlett\*
Andrew Michael Beaudry\*
Jacob M. Borrego
Grace Adele Caldwell\*
Aaron James Carpenter\*
Alison Lee Combs

Christopher Alex Baldwin Ronan Jeffrey Bartlett\* Andrew Michael Beaudry\* Jacob M. Borrego Grace Adele Caldwell\* Aaron James Carpenter\* Alison Lee Combs Dayton Joseph Cooney\*\*† Robert Aaron Currie Chase Eugene Diemert Joseph Moise Ducharme Rhys Ely Emlet Jesse Matthew Fauth Stephen Michael Ferestad Graham John Francis
Nicholas Orion Friedman
Christopher William Hack
Emily Amanda Hintz\*
Christopher Joseph Hoff
Benjamin Michael Hoffman\*\*
Zachary M. Holmes\*\*
Dustin Wyatt Hudgens\*

Kalina Petrova Ivanova Demaree\*\*

Kyle Ray Janssen

Dylan Christopher Johnson

Emily Lynn Jones James Edward Kress Norbert Lord\*

Adam Jeffrey Michalson\*\* Michael John Montgomery Andrew Charles Morgan\* Matthew Allan Morris Brady Thomas Mott\* Chad Allen Newell\* Ryan James Pyles\*\* Christopher Jordan Remer Daniel Patrick Ritchie Ingrid Yessenia Roldan Clark F. Rubel

Dylan Cole Sagmiller\*\*
Kevin Arthur Sandison\*
Mark Christopher Saunders
Jacob John Senecal\*\*
Joseph Michael Siderius\*
Timothy Ryan Smith\*\*
Daniel Victor Solce
Thomas Cole Stanwyck
Tyler Arnold Tonjum\*
Anthony James Urbik
Alexander Craig Wakeman

Levi Kyle Watten Adam F. White

Jonas Christopher Woerlein\*\*

## Bachelor of Science in Mechanical Engineering Technology

Jacob Patrick Agee\*
Mark Alfred Barrie II
Luke Berny Beardslee\*
Shaun Michael DeTienne
Danny S. Farr
John Paul Flynn

John Paul Flynn Jarek M. Jensen\* Sheridan H. Joyce Jacob Charles Lair Ryan M. Means Jake Alan Meerkatz John Olubunkola Owolabi Dustin Paul Perreault Brett W. Rodenhizer Mark Christopher Saunders Trevor Jeffrey Shellenberg Conner Ryan Thomas Joshua M. Toennis Charles Steele Von Stade III\*\* Kristoffer Jay White\* Gregory Taylor Wilson Jesse Arthur Wright\*

<sup>\*</sup> Graduated with honors

<sup>\*\*</sup> Graduated with highest honors

<sup>†</sup> Graduated from Honors College

## **COLLEGE OF LETTERS & SCIENCE**

	Bachelor of Arts in English	
Chelsea Marie Anderson*	Chellie L. Matson*	Alexandria E. Sacco*
Hannah C. Ballantyne	Kaitlyn M. Menig*	Melissa E. Sevier*
Alexandra Nicole Hinchcliff**	Danielle Kimberly Phillips*	Samantha Marie Wanken**
Andrew Jacob Lindberg	Danielle Marie Repka	Megan Ann Westbury*
Annie Rachael Marshall**†	Kristin D. Rochniak	0 /
	Bachelor of Arts in History	
Calen B. Carpenter**	Makayla Shannon Golemon*	Paul Wyatt McClurg*
Daniel L. Chizek*	Linda Marie LaCrone**	Ryan Andrew Shannon
Betsy Esther Coate	Jamey E. Lewis*	Melissa Kay von Borstel
Molly Margaret Cornes	Terry Robert McAllister	Brandon Michael Werholz
Matthew Anthony DeSimone	AnnaMae Pearl McClain**	Diangon Michael Weinoiz
	—— Bachelor of Arts in Liberal Stud	lies —
Gianna Rose Andrews**†	Rhea Elayne Henning	Ethan Taylor Schaff
Destiny Rae Bear Claw	Morgan Kuntz*	Joaquin Tomas Small-Rodriguez
Malena Alis Blease	Hannah Rae Moudree	Amanda Gail Stewart
Lindy Helen Broom	Kingsley Hopkins Murphy	Austen David Sumanis
Amanda Lea Dreadin	Quianna Maria Niesley	Steve M. Wiltgen
Athena L. Hall**	Francesca R. Pine	Steve Ivi. Wingen
Bac.	helor of Arts in Modern Languages ar	nd Literature —————
Ian Joseph Bailey*	Celia Ruth Kirkland	Madison Nicole Miler*
Mary Louise Cates	Casianne Elizabeth Lund**†	Brian Edward Shaw
Alexandra Nicole Hinchcliff**	Kaitlyn May Maher	Scotland J. Steele*
	Bachelor of Arts in Philosoph	y —
Karen Marie Donch*† Adam C. Negri**	Lindsay Joy Perley**	Anthony Frances Romano*
	— Bachelor of Arts in Political Scie	ence —
Matthew T. Barnwell	Kelley Virginia Hildebrand-Hall	Matthew William Pitzer
Vincent Edlo Camillo	Katrina A. Krupa	Carlos Backlin Sanchez
Codi Irvin Chasse	Matthew R. Macy	Rebecca Jean Valdez*†
Ryan Nolan Eret	Darby N. Martin	rescen jenii vaidez
ryan r tolan Elec	Datoy 14. Marchi	
	— Bachelor of Arts in Religious Stu	ndies —————
Adam C. Negri**		
	— Bachelor of Science in Anthropo	logy —
	zuonon on o dataneo in amitano po	67

<sup>\*</sup> Graduated with honors \*\* Graduated with highest honors † Graduated from Honors College

#### **Bachelor of Science in Biological Sciences**

Melissa Michelle Bakosh\*\*
Shannon Taylor Bockmon
Noah Paul Bosworth\*
Lauren Alexandra Bryant
Seth Alred Carrel
Robert Tyler Cebina
Elisabeth H. Dehaan\*
Karissa Michelle DeMarco
Ryan David Demmendaal\*

James Henry Emack Austin Michael Gaffney Trenton Roy Heisel Stefanie Alex Herrera Kelsey June Johanson\* Charles Calvin Leitch Lodge Sarah Lendzioszek\*† Lukas James Sullivan Magee\*\*

Colter James Mumford

Zachary Bryon Murray Shane M. Petch\* Janel Nicole Cupperna Schietzelt\* Danielle Francine Schram Benjamin Jakob Stablow Suzanne Kathrine Stevenson\*\*

James Ian Welch

### Bachelor of Science in Biotechnology

Emma Alexandra Sirr\*†

#### Bachelor of Science in Cell Biology and Neuroscience -

Lillian Suzanna Joy Ball\* Nicole Loren Burgess Nathan Wayne Caldwell Fletcher S. Collins Lillian Grace Diegel\* Katherine A. Dolan\*\*†

MacKenzie Lachlann Fisher Alicia Danielle Gootkin Aleisha Jade Hamel\* Sze Yue Lau Zachary James Osmanski\* Jenna R. Pinto\*\*† Paul M. Puettmann\* Casey D. Quinn\* Karin Marie Raschkow Jamie Marie Ritter Weston Joe Willekes\*\*†

#### **Bachelor of Science in Chemistry**

Shawn James Cote-Burk Andrew G. Helming\*† Tacey Lynn Hicks\*\*† Trace Aaron Hobbs\*\*† Kassandra Nicole Makinen Kathryn MacKenzie Martin Jackson Edward Toth

#### **Bachelor of Science in Earth Sciences**

Stephen P. Bertsch Nathan Lee Bolton Evan T. Chase\*† Kevin R. Fitzgerald Drew Adam Fuchs\*\* Benjamin T. Gill\* Madison Cynthia Graff Douglas Scott Hanson\* John Kenneth Holder Alexander Xavier Jett Alyssa Quiroz Bailey Sumner Scott\* Jordan Penrod Toles\*\* Will Garrett VanGelder\*\* Jaden C. Walle\*† Robert Alan Yeoman Chui Ling Yuen

#### **Bachelor of Science in Economics**

Benjamin E. Buford Mitchell G. Duman Jacob Charles Ebersole\* Benjamin T. Gill\* Maxwell Seather Jacobs\* Brianne Kathleen Lake\*\*

Daniel James Lee John Phillip Litaker\* Matthew John Mallory Michael McKelligott\* Connor Jeffrey Menninger Sarah C. Rawlins John Daly Seeger\* Kellen Mackenzie Bishop Stark\* Ross Michael Stokes

Ross Michael Stokes Michelle Ann Wunder

#### **Bachelor of Science in Mathematics**

Dakota J. Arthun\* Charlie McKinley Carpenter\*† Andrew J. Kimmell Julia C. Platt\*\*† Keaton Michelle Ramm Casey James Schwartz\*\* Christian Alexander Stratton\*\* Erin E. Sturman\*\* Jolina Waldner Tracy Colette Warneke\*

<sup>\*</sup> Graduated with honors

<sup>\*\*</sup> Graduated with highest honors

<sup>†</sup> Graduated from Honors College

#### **Bachelor of Science in Microbiology**

Shelby Lynne Bush Charles Andrew Dyson Sarah Mae Franklin\* Thomas M. Gregory Mariha Eleanor Marie Gullickson Andrew G. Helming\*† Kendra Marie Hertweck Bryan Tegner Jacobson Zoie Ann Kaupish Rhonda Lee Knudsen\* Kristen Marie Maness\* Derik Michael Powell\* Ryeanne Kathleen Ricker\*\* Sean Patrick Rillahan\*\* Margaret Elizabeth Winfree

#### **Bachelor of Science in Physics**

Tyler Joseph Brewer\*\*

Samuel Walter Engblom\*†

#### **Bachelor of Science in Psychology**

Brett Alexander Blackwell Samuel H. Bockius Michaela Joy Carew Nolan Taylor Clark\* Stephanie Isabel Clivio Autumn Ruth Clowes\* Daniel Lee Deming\* Sharon Dominguez Rose Catherine Dormanen\*

Rose Catherine Dormanen\*\* Hannah Marie Fisher\*\*† Amy Nichole Gill
Megan Lee Han
Breanna Lynn Hume
Clifford Boyd Ingledew
Dylan R. James
Casianne Elizabeth Lund\*\*†
Travis Wayne Luttrull
Austyn Nicole Maier
Ashley Lyn Malmquist

Keenan Elizabeth Moore\*
Taylor B. Nance\*\*
Michael Christopher Nolt\*\*
Dustin Alan Pearce
Katherine Elizabeth Soper
Sydney Ariel Stern\*\*
Benjamin C. Thompson
Veronica O. Walton\*\*

### **Bachelor of Science in Sociology**

John Curtis Acheson Austin Marshall Bell Laramie Jade Clawson-Roberts\* Robert Brandon Davis Jenae Brooke Ellig Angelica Joy Elliott Allison JM Erwin Joshua Luke Falkos\* Trevor C. Gappmayer\*
Bryan Keith Harris\*
Emily J. Higgins\*
Jaimee Marie Hutchins\*
Ramona Belle King
Travis Wayne Luttrull
Matthew Bryan Luvisi\*\*
R Nikohl Mitchell

Ariel Jay'd Martin\*

Cathryn Bridget Orozco-Vanderwaal\*\*
Seth Curtis Ray
Remington Allen Scott
Leslie Nichole Sorce
Megan Ann Westbury\*
Erica Winchester
Daniel T. Yoon
Brandon T. Zidack\*

<sup>\*</sup> Graduated with honors

<sup>\*\*</sup> Graduated with highest honors

<sup>†</sup> Graduated from Honors Program

#### **COLLEGE OF NURSING**

#### **Bachelor of Science in Nursing**

Kristi Lee Amos\*\* Claire Elisabeth Amundson\* Maria Patricia Anderson\* Hannah Jane Antonioli\* Sarah L. Botz\* Sonja Kate Brinkel\* Allysen Patricia Bujacich Jennifer Taryn Burback\*\* Caroline Hu Cheung\* Aaron Daniel Collette\*\* Clancy Joyce Connolly\* Alaina J. Donovan Bailey R. Dooper\*\* Mollie E. Ekness\* Kallie J. Evans\* Kellie Lynn Fawcett\*\* Leah Christine Garske\*\* Siobhan Alyssa Gibson\*\* Ashley Jonn Gilham\*\* Sarah Raye Gray\* Kimberly Ann Green\*\* Danielle Lynn Grubb\*\* Bailey J. Guelff\*\* Holly Elizabeth Gumz\* Ashley D Gutierrez\* Carrie Frances Heagney\* Asher Ron Hinrichs\* Mary Wilmie Homecillo\* Kelsey Leigh Huffsmith\* Amanda Elaine Jensen\*\* Lisa Marie Johnson\*\*

Jamie Jo Kallis\*\* Kylie Dawn Kangas\*\* Chloe Mikele Kebble\* Tenley Lee Keller\* Catherine Irene Kenyon\*\* Taylor Christine Kovach\*\* Kelsie Anna Kubick\*\* Gavin Lance Lee\* Christina Nicole Limbaugh\*\* Skye MacDonald Ljunggren\* Emily Irene Logan Ashley Marie Lovejoy Joseph Raymond Magajna\*\* Lindsey Idelle Manning\*\* Gert Hendrick Marais Stephanie Ann Maughan\*\* Bridget Adele McMahon\* Bridjett Jade Miller\*\* Kaitlyn Erica Miller\*\* Spencer A. Mitchell\*\* Amy Joy Moore\*\* Olivia Rose Moore\* Ashley Chanel Nelson\* Jeremy Todd Page\* Rebecka Louise Peacock Rachelle Marie Penrod\*\* Sarah Rachel Pierce\* Charis Victoria Pierson\*\* Kayla Rae Piquett\*\* Catherine Dawn Powers\* Melissa Zoe Pursell\*

Stephan Douglas Red Bird Alisha Rose Rickman\*\* Kaleigh Jean Rotert\* Tyson Timothy Roth Anastasia Mary Ryan\*\* Urania Marie Ryan\* Audrey Claire Schadt\*\* Shelby Reigh Senger\* Katie Lynne Shaw\*\* Amy Rebekah Shin\*\* Hannah Margaret Sieracki\*\* Grier Elizabeth Smithwick-Hann\* Kellie Elizabeth Snipes\*\* Jarred Douglas Snowden Mesa Spring Starkey\* **Emily Anne Startin** Laura Lee Steichen Skyler Shanae St. Onge\* Ashlyn Marie Striegel Isabel Josephine Sullivan\*\* Evan Robert Thompson\*\* Marybeth Anna Valentine\* Kees Trevor Van Der Wege\*\* Ellen Kayrene Vogel Carrie Anne Vreeland\* Larry Keith Warner\* Sarah Ashton Welsh\* Michelle Lynn Williams\* Estella C. Wilmarth\*\*† Scarlett Brett Wyatt\*

<sup>\*</sup> Graduated with honors

<sup>\*\*</sup> Graduated with highest honors

<sup>†</sup> Graduated from Honors College

## Associate Degrees

## GALLATIN COLLEGE

	Associate of Arts –	
John Philip Balke Kaitlin Rachel Lapp Amanda Kay Mattson ** Tyler Matthew Millichap	Ethan Robert Oja Ethan Spencer Presnell Brynn Alana Prophet Amy Elisabeth Ronk	Taylor Morgan Ann Samson Keazia Kate Thomas O'Hern Alexander Wimbish
	Associate of Science	
Steven James Johnston Blaire Louise Kuntz	Olivia Anne Laune Jessica Anne Love *	Claire A. Wilken
	- Associate of Applied Science in	n Aviation —————
Garrett Barling Howze Charles Rockvam Johnson		Jess Henry Padden
	e of Applied Science in Design I	Orafting Technology ————
Thomas Hamner*	Jason Michael McHann	
As	ssociate of Applied Science in In	terior Design ————
Krista Marie Hunton*	Danielle Renee' Lopez	Katelyn Marie Williams
	Certificates	
	GALLATIN COLLE	EGE
Pre	ofessional Certificate in Business	s Management —————
Mackenzie Edith Nichole Dixson	Brett Lawrence Watts	
Certificate	of Applied Science in CNC Mac	hining/Manufacturing —————
Bret P. Turnquist		

<sup>\*</sup> Graduated with honors \*\* Graduated with highest honors † Graduated from Honors College

## **Special Recognition**

#### **HONORS COLLEGE**

Gianna Rose Andrews, Highest Distinction
Charlie McKinley Carpenter, Distinction
Luke Arran Castellini, Academic Achievement
Evan Thomas Chase, Academic Achievement
Dayton Joseph Cooney, Highest Distinction
Katherine AnneMarie Dolan, Distinction
Karen Marie Donch, Academic Achievement
Samuel Walter Engblom, Academic Achievement
Hannah Marie Fisher, Highest Distinction
Andrew Gary Helming, Highest Distinction
Tacey Lynn Hicks, Highest Distinction
Trace Aaron Hobbs, Highest Distinction
Emily Rose Ketteler, Academic Achievement
Sarah Lendzioszek, Distinction
Casianne Elizabeth Lund, Distinction

Annie Rachael Marshall, Highest Distinction
Robert Patrick Mullin, Distinction
Chinomso Emmanuel Onuoha, Highest Distinction
Jenna Rae Pinto, Highest Distinction
Julia Chapman Platt, Highest Distinction
Chelsey Ann Rasmussen, Distinction
Nathan Daniel Robertus, Distinction
Emily Elizabeth Rohrbough, Highest Distinction
Emma Alexandra Sirr, Distinction
Elissa Marie Taylor, Highest Distinction
Rebecca Jean Valdez, Distinction
Jaden Casandra Walle, Distinction
Estella Claire Wilmarth, Academic Achievement
Weston Joe Willekes, Academic Achievement

Sean Mitchell

#### UNITED STATES ARMY AND AIR FORCE RESERVE OFFICERS' TRAINING CORPS

— Commissioned as 2nd Lieutenants in the United States Army During the 2015-2016 School Year —

Mark Barrie Tyler Debuse
Calen Carpenter Gert Marais

- Commissioned as 2nd Lieutenants in the United States Air Force During the 2015-2016 School Year - Tyler J. Brewer Anthony J. Urbik

## **Banner Marshals**

Tiffani V. Eccleston, *Helena, MT*Dillon Ecord, *Helena, MT*Sarah Marie Forseth, *Columbus, MT*Matt Hanson, *Billings, MT*Annette Elizebeth Harnish, *Auburn, WA* 

Zane Nicholas Huttinga, *Manhattan, MT* Meghen Renee Phenicie, *Las Vegas, NV* Bailey Sherrard, *Lakewood, CO* Lauren Wilgus, *Billings, MT* 

<sup>\*</sup> Graduated with honors

<sup>\*\*</sup> Graduated with highest honors

<sup>†</sup> Graduated from Honors College

#### THE LAND-GRANT HERITAGE

As land-grant institutions, Montana State University and the state's seven tribal colleges have a unique history and mission

Land-grant universities such as MSU came into being under the federal Morrill Acts of 1862 and 1890. Over the years, land-grant status implied several types of federal support. The first Morrill Act provided grants in the form of federal lands to each state for the establishment of a public institution to fulfill the provisions of the act.

During the first half of the 19th century, the structure of colleges and universities were greatly influenced by European universities, which had educated many of America's leading professors. But these European universities were organized to serve a society which was not democratic. University education was for the male leisure classes, government leaders, and members of the clergy, legal and medical professions.

At first, American institutions, functioning in somewhat the same fashion, offered chiefly the classical and professional curricula. Although the importance of science was gaining recognition, scientific education was not widely available. But by the middle of the 19th century, the general and scientific press were making widespread demands for more agricultural and technical education. Agricultural societies in many states insisted that colleges be available where students could study agriculture.

Passage of the first Morrill Act in 1862 reflected this growing demand for agricultural and technical education. While a number of institutions had begun to expand upon the traditional classical curriculum, higher education was still widely unavailable to many agricultural and industrial workers. The Morrill Act was intended to provide a broad segment of the population with a practical education that had direct relevance to their daily lives. It also provided for military training, an

important consideration to President Abraham Lincoln, who signed the act in the midst of the Civil War.

Justin Smith Morrill, a representative and later a senator from Vermont, sponsored the land-grant legislation that bears his name and is generally credited as having secured its passage. Prior to Morrill's support for land-grant legislation, Jonathan Baldwin Turner, a Yale-educated farmer, newspaper editor and college professor, made education for the working class his cause in the mid-19th century. His "Plan for a State University for the Industrial Classes" advanced ideas that are now fundamental to the land-grant system, such as experimental research in agriculture.

An important federal addition to the land-grant mission was the agricultural experiment station program created by the Hatch Act of 1887. Today, the Montana Agricultural Experiment Station operates under MSU with the majority of its programs in Bozeman. Seven MAES centers across the state conduct research relevant to the challenges of Montana's agricultural and natural resource communities.

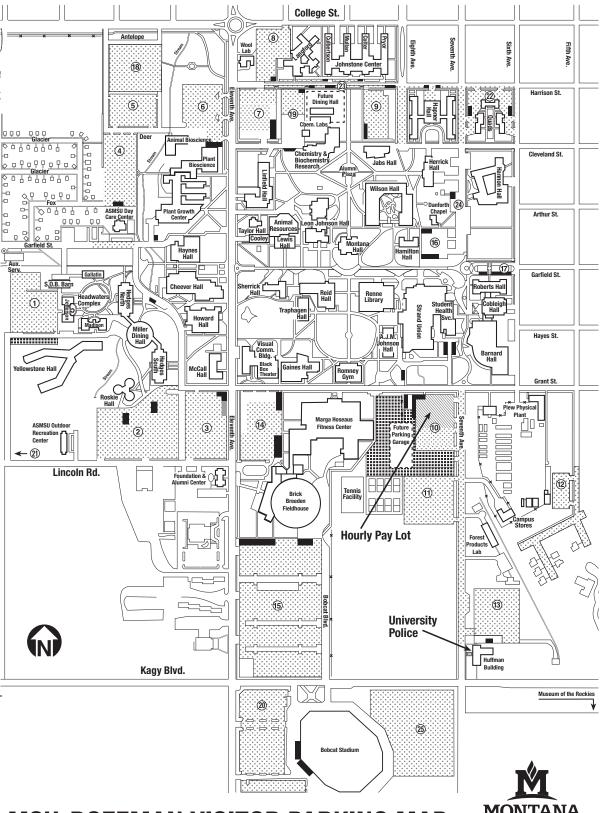
In 1914, the Smith-Lever Act created a Cooperative Extension Service associated with each U.S. land-grant institution to assist with educational outreach efforts throughout the states. MSU Extension serves all of Montana's 56 counties and five of the state's Native American reservations, providing an enormous range of services in areas that include: agricultural and natural resources, consumer education, nutrition and healthy lifestyles, community resource development and youth development programs for tens of thousands of Montana children through 4-H.

Since their establishment, land-grant colleges and universities have grown to represent a unique system of widely accessible higher education. There is now at least one land-grant institution in every state and territory of the United States, as well as the District of Columbia.

Today, America's land-grant universities continue to fulfill their democratic mandate for openness, accessibility and service to the people. Many of these institutions have joined the ranks of the nation's most distinguished public research universities. Through the land-grant university heritage, millions of students are able to study every academic discipline and explore fields of inquiry far beyond the scope envisioned in the original land-grant mission.

—Excerpted and modified from "The Land-grant Tradition," a publication of the Association of Public and Land-grant Universities.





## **MSU-BOZEMAN VISITOR PARKING MAP**

#### **LOT NAME BY NUMBER**

- (1) North Hedges
  - (6) Greenhouse
- (2) Roskie (7) West Linfield
- 3 South Hedges

(5) Deer Street

- (8) Langford
- (4) South 12th St. (9) Lewis & Clark
  - (10) North Gatton (pay)
- - (11) South Gatton
  - (12) Faculty Court

  - (13) Huffman
  - (14) North Fieldhouse (15) South Fieldhouse
- (19) East Linfield 20 West Stadium
- (16) Hamilton Rsrv.
- (17) Roberts Rsrv.
- (18) Antelope
  - (23) Harrison
    - (24) S. 7th Rsrv.

(21) Lincoln

22 Quad

25 Stadium East

## **MONTANA** STATE UNIVERSITY

#### **VISITOR PARKING KEY**

- **■** Hourly Pay Lot
- Permit Required
- A.D.A./Handicapped
- **Ⅲ** Construction Area

#### FAIR MSU

Words by Mabel Kinney Hall Music by Ilse-Mari Lee

Fling wide our colors bright and true, Sunlight Gold and Ether Blue, Fit emblem of our college days, Proudly we our banner raise

Oh, MSU, right loyally
We offer songs of praise to thee
Long may thy power enduring be,
Alma mater, hail to thee.

#### STAND UP AND CHEER

Words by Edward A. Duddy Music by Paul P. McNeely

Stand up and cheer,
Cheer long and loud for dear Montana State,
For today we raise
The blue and gold to wave victorious!

Our sturdy band now is fighting And we are sure to win the fray We've got the vim, we're here to win, For this is dear Montana State.

Please join us in celebrating the commencement festivities by using the hashtag
#catgrad16

