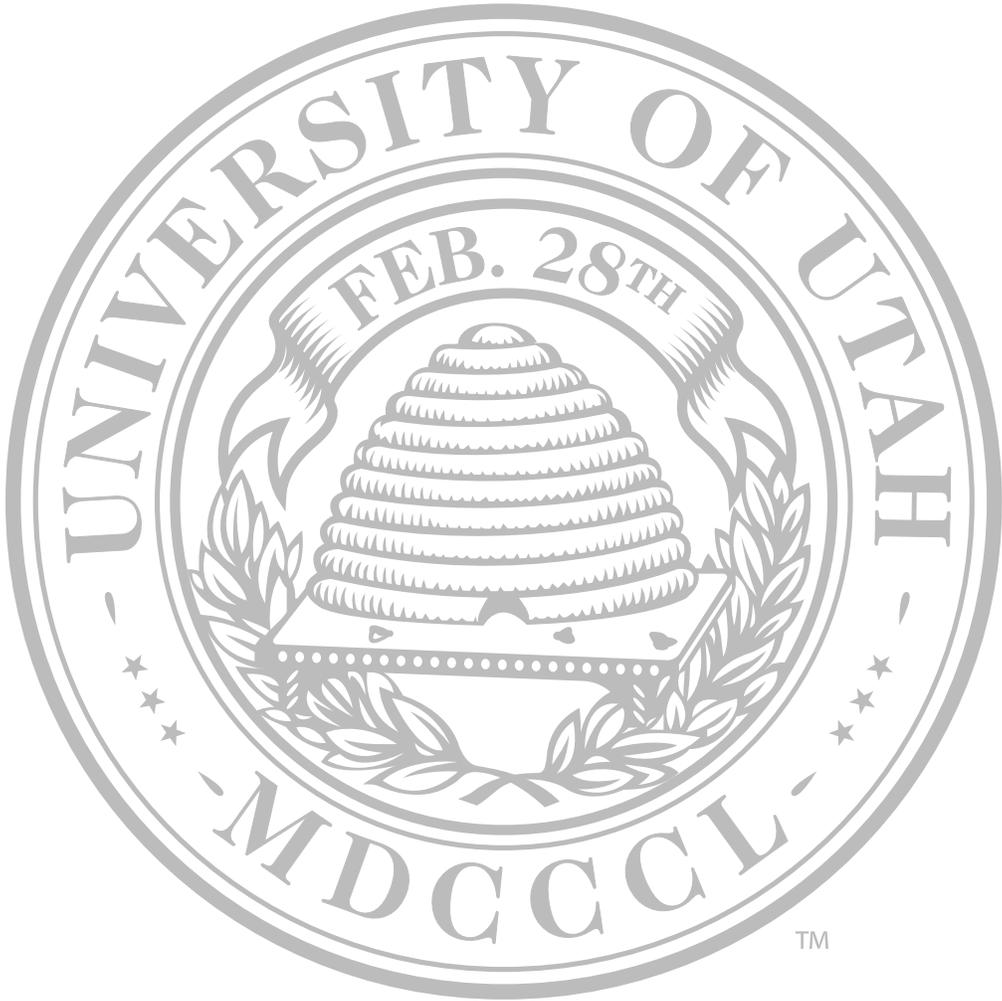




COLLEGE OF SCIENCE
COLLEGE OF MINES AND EARTH SCIENCES
CONVOCATION

THE UNIVERSITY OF UTAH
COMMENCEMENT 2023



**Candidates for degrees whose names appear in this program
were applicants for graduation as of March 4, 2023.**

COLLEGE OF SCIENCE

Dear Class of 2023,

What a journey! The pandemic has made a long-lasting impact on each of us, and I know that we have all emerged with greater strength, compassion, and understanding of ourselves and of each other.

Earning a degree in science and mathematics is a monumental achievement. Your technical and quantitative backgrounds have prepared you to step into exciting, rewarding careers that will continue to foster your curiosity, creativity, and innovative spirit. Few of you will travel on a straight line, and your paths will unfold in ways that cannot be foretold, taking you to places only you – and you alone – can imagine. Many valuable discoveries await you.

Remember that you are, and will continue to be, part of the College of Science family. We want to hear about your successes, your new discoveries, your opportunities. As our world changes, I have no doubt you will find your place to make an impact.

Congratulations. You have my very best wishes for your future success.

Peter E. Trapa, Ph.D.
Dean, College of Science

COLLEGE OF MINES AND EARTH SCIENCES

Dear Graduates of the College of Mines and Earth Sciences,

I am honored to extend my congratulations to each of you. Your hard work, dedication, and perseverance have paid off, and you have earned a degree that will take you far in life. The faculty, staff, and alumni who came before you recognize the immense challenges you have overcome to be here today, and I am proud of all that you have achieved.

Your time in the College of Mines and Earth Sciences has equipped you with a broad and deep understanding of our planet and its systems, and the skills to apply this knowledge to real-world challenges. Your years here have also borne witness to incredible levels of change and adaptation. By weathering these storms, you have proven your resilience and dedication, which will serve you well as you take on your next challenges. Whether you go on to pursue careers in academia, government, industry, or beyond, I am confident that you will make important contributions to your field and to society. Your passion for science, your curiosity, and your commitment to excellence will serve you well in all that you do.

As you go forth from this momentous occasion, I encourage you to keep in touch with your classmates, your professors, and the alumni network at the University of Utah. Congratulations once again on this tremendous accomplishment, and best wishes for a bright and fulfilling future.

Sincerely,

Darryl P. Butt, Ph.D.
Dean, College of Mines and Earth Sciences

Awards and Special Recognitions

Kendra Autumn, *Graduate Student*
School of Biological Sciences
University Teaching Assistantship
University of Utah Graduate School

Vahe Bandarian, *Professor*
Department of Chemistry
Fellow
American Association for the Advancement of Science

Yexalen Barrera-Casas, *Student*
Department of Chemistry
Research Scholar Award, Outstanding Undergraduate Research Award
College of Science and Office of Undergraduate Research

Ramón Barthelemy, *Assistant Professor*
Department of Physics & Astronomy
Fellow
American Physical Society

Christoph Boehme, *Professor*
Department of Physics & Astronomy
Fellow
American Physical Society

Gabriel Bowen, *Professor*
Department of Geology and Geophysics
Excellence in Research
College of Science

Cynthia J. Burrows, *Distinguished Professor*
Department of Chemistry
Founder's Award
American Chemical Society

Sophie Caron, *Associate Professor*
School of Biological Sciences
Excellence in Teaching and Mentoring
College of Science

Thure Cerling, *Distinguished Professor*
Department of Geology & Geophysics and School of Biological Sciences
Rosenblatt Prize for Excellence
University of Utah

Kevin Davenport, *Assistant Professor, Lecturer*
Department of Physics & Astronomy
Distinguished Educator Award
College of Science

Claudia De Grandi, *Associate Professor, Lecturer*
Department of Physics & Astronomy
Early Career Teaching Award
University of Utah

Maria Garcia, *Research Associate*
Department of Atmospheric Sciences
Excellence in Safety
College of Science

Kenneth Golden, *Distinguished Professor*
Department of Mathematics
Calvin S. and JeNeal N. Hatch Prize in Teaching
University of Utah

Gannet Hallar, *Professor*
Department of Atmospheric Sciences
Undergraduate Research Mentor Award
Office of Undergraduate Research

Sean Howe, *Assistant Professor*
Department of Mathematics
Early Career Teaching Award
University of Utah

Jiyeon Hyun, *Graduate Student*
School of Biological Sciences
Curci Fellow Scholar
Curci Foundation

Erik Jorgensen, *Distinguished Professor*
School of Biological Sciences
Member
National Academy of Sciences

Selvi Kara, *Postdoctoral Scholar, SRI Fellow*
Department of Mathematics
Distinguished Service
College of Science

Sahana Kargi
Student Convocation Speaker

Kyle Kittelberger, *Graduate Student*
School of Biological Sciences
Graduate Research Fellowship
University of Utah Graduate School

Dylan Klure, *Graduate Student*
School of Biological Sciences
Outstanding Graduate Student
College of Science

Jan Miller, *Distinguished Professor*
Department of Material Science & Metallurgical Engineering
Fellow
The Minerals, Metals and Materials Society

Shelley D. Minter, *Distinguished Professor*
Department of Chemistry
Fellow
Royal Society of Chemistry

Valeria Molinero, *Distinguished Professor*
Department of Chemistry
Member
National Academy of Sciences

Michael D. Morse, *Distinguished Professor*
Department of Chemistry
Appointed to rank of Distinguished Professor
University of Utah

Nalini Nadkarni, *Professor Emeritus*
School of Biological Sciences
Enduring Achievement Award
Advancing Research Impact in Society

Tino Nyawelo, *Associate Professor, Lecturer*
Department of Physics & Astronomy
Spirit of Abdus Salam Award
International Centre for Theoretical Physics

Baldomero Olivera, *Distinguished Professor*
School of Biological Sciences
Golden Goose Award
American Academy for the Advancement of Science

John Otero, *Graduate Student*
Department of Material Science & Metallurgical Engineering
Outstanding Teaching Assistant
College of Mines and Earth Sciences

Ofer Rog, *Assistant Professor*
School of Biological Sciences
Outstanding Undergraduate Research Mentor
University of Utah

Pratt Rogers, *Assistant Professor*
Department of Mining Engineering
Outstanding Teaching Faculty
College of Mines and Earth Sciences

Jennifer Shumaker-Parry, *Professor*
Department of Chemistry
Fellow
American Association for the Advancement of Science

Anurag Singh, *Professor*
Department of Mathematics
Fellow
American Mathematical Society

Kip Solomon, *Professor*
Department of Geology & Geophysics
Distinguished Research Award
University of Utah

Karra Spendlove
Student Convocation Speaker

Effie Symeonidi, *Postdoctoral Scholar*
School of Biological Sciences
Outstanding Postdoctoral Researcher
College of Science

Alison Wang, *Student*
Department of Chemistry
Research Scholar Award, Outstanding Undergraduate Research Award
College of Science and Office of Undergraduate Research

Luisa Whittaker-Brooks, *Associate Professor*
Department of Chemistry
Presidential Scholar
University of Utah

Lingyao Xie, *Graduate Student*
Department of Mathematics
Graduate Research Fellowship
University of Utah Graduate School

Karen Zundel
School of Biological Sciences
Staff Excellence
College of Science

Doctorate of Philosophy Degrees

DEPARTMENT OF ATMOSPHERIC SCIENCES

Husile Bai
Teleconnection mechanisms associated with ecologically relevant climate dipoles

Kelsey Barber
Precipitation Phase Partitioning and the Lifetime of Clouds in the Southern Ocean

Rebecca Lynn Beal
Evaluation of Near-Surface and Boundary Layer Meteorological Conditions of Fog Formation with CFACT Observations

Jacob Boomsma
Using Numerical Models to Characterize Wintertime Cold Air Pool Events across the Western United States from 2000-2022

Gerardo Carrilo-Cardenas
Elucidating New Particle Formation in Complex Terrain

Thomas Dean Dewitt
The Vast Range of Cloud Sizes

Thorn Merrill
A New Method for Assessing the Effects of Soil Moisture on Dust Emission from Playas and Other Non-Vegetated Surfaces: PI-SWERL Evidence from Great Salt Lake Playa

James Terry Powell
Analysis And Forecast Skill Of Southern Utah Precipitation Events That Led To Flash Flood Events

Elizabeth Sterner
A Case Study on the Influence of Airmass History on Cloud Droplet Number (Nd) in Southern Ocean Clouds

Michael Wasserstein
Characteristics of cool-season orographic precipitation extremes in northern Utah's central Wasatch mountains"

DEPARTMENT OF CHEMISTRY

Amanda Bubas
The unexpected chemistry of the early actinides studied by guided ion beam tandem mass spectrometry

Eamonn Clarke
Analytical methods in the development of immunometric diagnostics

Hanna Clements
Computational Chemistry and Data Science Tools for Predictive, Mechanistic Models of Biochemical Systems

Andrew Jochimsen
Studies of the Activation of Radical SAM Enzymes

Roland Jones
Formation of Five Versus Six-Membered Rings in Peptide Sequencing as Studied Using Mass Spectrometry

Lorraine Linares Laguerre
Analysis of variables that influence success in introductory chemistry courses: Relationship between affective variables and study habits with course performance

Sahsa Moonitz
Spectroscopic Investigations of the Influence of Interfacial Environments on the Dynamics of Biological Macromolecules

Amy Morren
Vibrational Circular Dichroism for Investigation of Chiral Plasmonic Mode Coupling with Molecular Vibrational Transitions

Adam Pancoast
Design and Application of 2,2'-Bipyrimidines for Non-Aqueous Redox Flow Batteries

Ellyn (Ellie) Peters
Data-Guided Design and Interrogation of Ligands for Transition Metal Catalysis

Brandon Stevenson
Investigations of the Gas-Phase Thermochemistry of Small Molecules using Guided Ion Beam Tandem Mass Spectrometry, Action Spectroscopy, and Ion Mobility Spectrometry

Samantha K. Walker
Thermodynamic and Structural Characterization of the Decomposition of Small Peptides in the Gas Phase Using Guided Ion Beam Tandem Mass Spectrometry

Nipunika Samali Weliwatte
Redox Polymers as a Versatile Approach to Modulate Bioelectrocatalytic Performance

Fan Yang
Thermochemistry and Structure Investigations of hydrated metal complexes: A fundamental study for the Rise of Environmental Issues

Asylbek (AJ) Zhanserkeev
On friendly interactions between electronic structure and molecular motion

DEPARTMENT OF GEOLOGY & GEOPHYSICS

Hannah Finley
Groundwater Nutrient Fluxes and Hydrological Dynamics in the Farmington Bay Wetlands.

Riley Finnegan

Vibration Damage of Rock Landforms: Evaluating the Resonance Response of Sandstone Arches and Towers to Anthropogenic and Natural Energy Inputs

Ivan Gaichuk

Groundwater Nutrient Fluxes and Hydrological Dynamics in the Farmington Bay Wetlands

Mikelia Heberer

Hydrodynamics of ammonoid ontogeny

Eric Humphrey

Groundwater Age and Flux Using Natural and Artificial Tracers in the Nebraska Sand Hills and Great Basin National Park

Sean Hutchings

Simulation of Strong Ground Motion Data from the 18 March 2020 Mw 5.7 Magna, Utah, Earthquake to Evaluate the Wasatch Front Community Velocity Model (WFCVM)

Santiago Jurado

Superposition of Colloid-Surface Repulsion and Incomplete Pore Scale Mixing Explains Emergence of Fast-and Slow-Attaching Subpopulations From Identical Individuals, and Depletion of Fast-Attachers with Increasing Transport Distance Under Unfavorable Conditions

Ashley Morris

Characterization of continental breakup related dacite and a technical review of XRF-cs utility in IODP Expedition research

Raul Ochoa

Mudstone Heterogeneity - a Multi-scale Sedimentological and Sequence Stratigraphic Study: From Basin to Pore-scale

Daniel Wells

Examining Shallow Crustal Structure in the Intermountain West using Portable Seismic Arrays

DEPARTMENT OF MATERIALS SCIENCE AND METALLURGICAL ENGINEERING

Jarom Chamberlain

Methods for Reprocessing UO₂ Into Uranium Metal or Uranium Chloride

Bryce Ricks Jolley

The Correlative Analysis of Porosity in Additively Manufactured Metals Via X-Ray Computed Tomography and Mechanical Polish Serial Sectioning

Freddy Sime

Structural Features and Surface Chemistry Considerations in the Flotation of Carbonaceous Materials from Sulfide Ores

Chenguang Yang

Investigation of Energy Storage Capacities in Various Forms of Aligned Silicon Electrodes for Li-Ion Batteries

DEPARTMENT OF MATHEMATICS

Alexander Beams

Dynamics, Inference, and Simulation Studies in Epidemiology: Relating Transmission and Aetiology to Treatment for Infectious Organisms of Note

Elias D. Clark

Pharmacokinetic and Pharmacodynamic Effects of Medication Nonadherence

Trent DeGiovanni

Thermal cloaking, mimicking, and inversion

Sean Anthony Groathouse
Infinite Length Random Polymers

Rebecca Hardenbrook
Mathematical modeling of polar sea ice processes

Seungsu Lee
On singularities in positive and mixed characteristics

Jacob B. Madrid
On the Limitations of Mean Field Approximations: Extreme First Passage Times and Stochastic Extinction

Kees McGahan
Mathematical Models of Ion Channel Kinetics And Sensory Neuron Dynamics

Vaibhav Pandey
Dependence of local cohomological dimension on characteristic, and consequences

Claire Plunkett
Boundary Homogenization of Surfaces with Small Reactive Patches

Ryan Schumm
Analytical and Monte Carlo methods for stochastic search processes with partially reactive domains

Jose Ignacio Yanez Etcheberry
Application of Coxeter groups to the Kawamata-Morrison conjecture

Qixian Zhao
Kazhdan-Lusztig algorithm for Whittaker modules with arbitrary infinitesimal characters

DEPARTMENT OF MINING ENGINEERING

Elaheh Talebi Esfandarani
Novel Studies to Manage Fatigue of Haul Truck Operators

Ishaan Kapoor
Can Blockchain Ledgers Improve Mineral Traceability Frameworks? An Exploratory Case Study of Evolving Technology and Roles of Mineral Provenance

Lewis Oduro
Development of a Data Analytics and Machine Learning Tool for the Mining Industry

Amy Richins
Workplace Culture and Health and Safety Management Systems- Assessing their Effects and Interactions in the U.S. Mining Industry

Narmandakh Sarantsatsral
Evaluating Multiple Scenarios to Maximize the Value of Erdenet Copper Porphyry Surface Mine

DEPARTMENT OF PHYSICS & ASTRONOMY

Tushar Bhowmick
Pressure Effect on Fermi Surface of Lithium and Electronic and Structural Characterization of Superconducting and Magnetic Material

Jaspal Singh Bola
Study of Magnonic Properties of Metal-Organic Based Ferrimagnet and Photophysical Properties of Polyacetylene

Dipak Khanal
Optical and magneto-optical studies of hybrid organic-inorganic 2D perovskite for optoelectronic applications

Chuankun Liu

Strain tunable magneto-transport study of graphene/hexagonal boron nitride heterostructures

Taniya Tennahewa

Demonstration and Applications of Coherently Controlled Charge Carrier Spin States on Currents in II-Conjugated Polymer Thin-Films at Low Magnetic Fields and Room Temperature Conditions

Fengwei Yang

Novel Probes of New Physics Beyond Particle Standard Model

SCHOOL OF BIOLOGICAL SCIENCES

Alexander Cummins

Dalekin is a mobile signal that confers abiotic stress resistance in Arabidopsis thaliana

Kyle Davis

Population ecology of ectoparasites on urban and montane birds

Spencer Gordon

Bringing Chromosomes Together: Exploring the Material Nature of the Synaptonemal Complex

Meiyuan Ji

Genetic mechanisms underlying maize resistance to the two-spotted spider mite and mite adaptation to pesticides

Karen Kierstead

Sodalis praecaptivus and nitrogen use: a species study from the Endobacterial genus Sodalis is a window into bacteria-ant endosymbiotic relationships

Dylan Klure

Ecological, Microbiological, and Genetic Factors Underlying Dietary Toxin Tolerance in Herbivorous Mammals (Neotoma spp.)

Brian Mueller

Molecular Architecture of the Neuronal Presynapse

Marlen Rice

Ecological stressors to fish development

Madison Schrock

Characterization of mRNA translation efficiency in Salmonella

Elaine Tan

Colony founding biology in a genus of temperate social parasite ants with a focus on the western thatching ant Formica obscuripes

Keaton Tremble

Identifying the drivers of fungal divergence and adaptation, from Boletus edulis to the Boletaceae.

Jessica Vincent-Mueller

Cytoplasmic RNA decay and post-transcriptional regulation of gene expression in Arabidopsis thaliana

Julia Yang

Photosynthetic response to environmental conditions in forests across spatiotemporal scales

STUDENT PROGRAMS

ACCESS Scholars

Rebecca Bassett
Shaistah Din
Tiffany Do
Mary Fairbanks
Sahar Kanishka
Sahana Kargi
Grace Siu
Lia Smith
Alexandra Strich
Elle Tanner

College of Science Ambassadors

Evan Carlson
Shaistah Din
Sahar Kanishka
Sahana Kargi
Chloe Kraft
Sydney Larsen
Shaya Moosavi
Vivek Vankayalapati

Science Research Initiative

Alison Bouck
Anila Jonnavithula
Thien Lam Nguyen
Seungwon Shin
Grace Siu
Isabelle Smith
Javiera Tracy
Claudia Wiese
Bailey Young

Learning Assistants

Mohammad Al-Rayess
Rebecca Bassett
Jasper Bradford
Rachel Carder
Madelin Duft
Palepoi Gilmore
Kallie Hoffman
Tanner Hoole
Cheongheon Lee
Hannah Lee
Nurlatifa Zahra Mohd Fuad
Angela Parker
Jessica Payton
Benjamin Preece
Samantha Roberts
Vian Rosal
Sophie Stephens
Elle Tanner
Marc Whiting

College of Science

Candidates for the Degree of Doctor of Philosophy

Alexander, Amanda Michelle, Mathematics
Almanzar, David Etienne, Biology
Ashok, Aishwarya, Physics
Barnett, Adam, Chemistry
Beams, Alexander Brown, Mathematics
Chabal, Kathryn Janice, Chemistry
Chabot, Michael Bennett, Chemistry
Chacon-Taylor, Donald Tiago, Mathematics
Chu-Jon, Carlos A, Chemistry
Clarke, Eamonn Thomas, Chemistry
Clements, Hanna Danielle, Chemistry
Cummings, Dale Alan, Chemistry
Degiovanni, Trent, Mathematics
Digal, Lori Dumagan, Chemistry
Dumont Neira, Antoine Andre, Physics
Edwards, Joshua David, Chemistry
Eichberg, Rebekah, Mathematics
Flannery, Laura Joanne, Chemistry
Forrister, Dale Loren, Biology
Gordon, Spencer Gersh, Biology
Green, Austin, Biology
Groathouse, Sean Anthony, Mathematics
Hansen, Kameron Rex, Chemistry
Hardenbrook, Rebecca Lyn, Mathematics
Hill, Hunter James, Biology
Jochimsen, Andrew Scott, Chemistry
Jones, Roland Manning, Chemistry
Kafle, Arjun, Chemistry
Kerr, Kelly L, Biology
Keyes, Edgar Dalles, Chemistry
Khanal, Dipak Raj, Physics
Kirkeby, Emily K, Chemistry
Li, Guangjing, Chemistry
Linares Laguerre, Lorraine, Chemistry
Liu, Chuankun, Physics
Liu, Shuwan, Physics
Madrid, Jacob Brett, Mathematics
Mathewson, Nicole Jaclyn, Chemistry
May, Jason Michael, Physics
Mcgahan, Kees A, Mathematics
Myres, Grant Julian, Chemistry
Nguyen, Luong Bao Ngoc, Chemistry
Nguyen, Thuong, Mathematics
Noble, Katherine, Biology
Pandey, Vaibhav, Mathematics
Plunkett, Claire Elizabeth, Mathematics
Powell, Daniel Richard, Chemistry
Probst, Rodolfo da Silva, Biology
Ramirez, David Alejandro, Chemistry
Rhodes, Zayn Kevin, Chemistry
Rojas Bolivar, Randall Alfonso, Physics
Rossland, Steven Patrick, Physics
Schumm, Ryan Daniel, Mathematics

Smith, Sleight Robert, Chemistry
Stapleton, Tess Elizabeth, Biology
Su, Yinghua, Biology
Tennahewa, Taniya Hansika, Physics
Terry, Rebecca Sue, Mathematics
Wang, Qiaoyi, Chemistry
Wang, Ren-Bo, Physics
Weliwatte, Nipunika Samali Perera, Chemistry
Yanezetcberry, Joseignacio, Mathematics
Yao, Yue, Physics
Zenes, Nicole Kathryn, Biology
Zhu, Judy, Chemistry

Candidates for the Degree of Master of Science

Allred, Mark Joel, Mathematics
Baldwin, Corbin William, Mathematics
Bares, Jacob Oliver, Biology
Bola, Jaspal Singh, Physics
Brodzeller, Allyson Fay, Physics
Chaudhry, Tayyaba Kausar, Mathematics
Engle, Shea Wesley, Mathematics
Firpo, James J, Mathematics
Gibson, Benjamin J, Physics
Gosney, Chelsea Joreen Frew, Biology
Gross, Sarah Ellen, Biology
Harich, Chrystina Marie, Mathematics Teaching
Janusz, Jordyn Nevada, Chemistry
King, Austin James, Physics
Ma, Ruyi, Mathematics
Nistler, Maggie Ann, Chemistry
Praggastis, Zoe Athanassiou, Biology
Rockow, Sara Lynn, Chemistry
Townsend, Lacie Mikayla, Chemistry
Wang, Chong, Mathematics
Yeager, Sage Alexander, Mathematics

Candidates for the Degree of Master of Science and Technology

Brunstetter, Duncan Matthew, Biotechnology
Erekson, Nathan J, Science Instrumentation
Fernandez, Florence De Guzman, Biotechnology
Frost, Andrew Spencer, Computational and Data
Science
Goodman, Jordan, Biotechnology
Hurst, Alexandra Rae, Computational and Data Science
Lee, Nickolas Robert, Computational and Data Science
Malyn, Daniel, Biotechnology
Pasko, Christopher Paul, Biotechnology
Peabody, Ryley Jared Joseph, Biotechnology
Ramgire, Rohit, Computational and Data Science
Wiltsie, Ashley Raelynn, Biotechnology

Candidates for the Degree of Master of Statistics

Groathouse, Sean Anthony, Mathematics
Purdie, Austin, Mathematics

**Candidates for the
Degree of Honors Bachelor of Arts**

Luong, Katie Ann, Biology
Young, Bailey Mckenna***, Biology

**Candidates for the
Degree of Honors Bachelor of Science**

Al-Rayess, Mohammad Yaser*, Biology
Andersen, Kara Josephine, Biology
Austin, Maxwell Jack, Chemistry
Barrera, Yexalen, Chemistry
Bassett, Rebecca Ann, Chemistry
Batchu, Puja***, Biology
Billings, Alex, Biology
Caldwell, Robert Williams, Applied Mathematics
Casselmann, Lillie K, Chemistry
Dhiman, Gareema, Biology
Ding, Victoria L, Chemistry
Do, Tiffany Huynh, Biology
Done, Vilhelmina, Biochemistry
Garzella, Erin Janet, Biology
Geisler, Emil S***, Mathematics
Guynn, Isaac Pierce Amel**, Biochemistry
Haerter, Natalie L'heureux, Biology
Halberg, Charles Harry, Mathematics
Hall, Karah Madison, Biology
Hansen, Mason, Chemistry
Hanson, Olivia Rosemary, Biology
Hinchman, Colin Cadwallader*, Biology
Iverson, Nathan James, Biochemistry
Jones, Jacob Rodolfo, Biology
Jonnavithula, Anila, Biology
Kamat, Atharva, Physics
Kanishka, Sahar Noor, Biology
Kargi, Sahana V, Applied Mathematics
Larson, Brooke***, Biology
Lawrence, Derek John, Biology
Loyola, Nicolas Mulbere, Biology
Lozada, Benven Fan*, Mathematics
Lutz, Kevin Thomas, Chemistry
Major, Emily, Chemistry
Mallender, Zachary Charles*, Biology
Marchant, Joshua K*, Physics
Mathews, Haylee Elizabeth*, Biology
Mickelsen, Lauren Mckenzie, Mathematics
Montgomery, Lauren Kay, Biochemistry
Munn, Jared Jackson, Biochemistry
Nguyen, Thien Lam N***, Mathematics
Obayashi, Kiyo, Biology
Parker, Angela N, Biology
Peterson, Mikal Cole, Biology
Prakash, Tejashree, Biology
Pugmire, Anne Eliza Pingree**, Biology
Richardson, Brennan Dayn***, Mathematics
Roberts, Brenden Houston, Biochemistry
Roberts, Samantha**, Applied Mathematics
Rousculp, Catherine Julia***, Biology
Rowe, Ana Bruns, Biology

Som, Sarita Ann, Biology
Stephens, Sophie L, Mathematics
Strich, Alexandra Katherine, Biology
Tang, Anna*, Applied Mathematics
Tazehabadi, Tara, Biology
Thomas, Payton J*, Applied Mathematics
Ward, Bridget Ellie, Biochemistry
Whipple, Rachel Anne, Chemistry
Wiese, Claudia Louise*, Biology

**Candidates for the
Degree of Bachelor of Arts**

Bares, Jacob Oliver, Biology
Bourgeault, Angeline R, Biology
Brauer, Markus**, Biology
Burton, Collin L, Biology
Christensen, Thomas Robert, Biology
Dezarn, Noah Robert, Biology
Drossel, Andrew P, Mathematics
Goodwin, Jeffrey Dale, Biology
Gray, Yvannia Marie, Biology
Haddadin, Helena Yasmin, Biology
Hanson, Indiana Troy, Biology
Hoole, Tanner David*, Physics
Joseph, Anne, Biology
Khalaji, Sophia Sheida, Biology
Krauel, Steven Peter*, Chemistry
Mackay, Jacob Powell, Biology
Odd, Stephen Isaac, Biology
Odoms, Jacob C, Physics
Oster, Andrew Ian, Chemistry
Petersen, Andrew Whitely, Biology
Simmons, Sean, Biology
Sonntag, Spencer K**, Chemistry
Taylor, Jaclyn Marie, Biology
Tenhoeve, Sam Arthur, Biology
Todd, Ethan, Biology

**Candidates for the
Degree of Bachelor of Science**

Aamodt, Samuel E, Biology
Abunuwara, Teric Hampton, Biology
Addi, Faduma A., Biology
Adler, Jamie Brooke, Biology
Alicea Jorgensen, Taylor Nicole, Biochemistry
Aljassimi, Raghad, Biology
Allred, Annie Elizabeth, Mathematics
Altherr, Alexander Joseph, Biology
Anderson, Alexander K, Biology
Anderson, Elijah Thomas, Applied Mathematics
Annigeri, Pooja Gurusiddappa, Biology
Arbab, Asfandyar, Applied Mathematics
Ashtijou, Yunus Mohammad, Biology
Atwal, Amanpreet Kaur, Biology
Austin, Richard Ortell, Biology
Baldwin, Alyssa Leigh, Mathematics
Ball, Ryan P, Biology
Ballinger, Alex Jeremy, Biology

Barbera, Maloree Christine, Biology
Barker, Charles Ray, Physics
Barrios, Kainoa Steven Taylor, Mathematics
Bass, Chandler Allen, Physics
Bassa, Cherifatou Blessing, Biology
Baterdene, Bayasal, Biology
Baxter, Dawson R***, Chemistry
Bertram, Katherine Renee, Biology
Biddinger, Scott Richard, Biology
Bol, Eva, Biochemistry
Booth, Maxwell E***, Applied Mathematics
Bouck, Alison, Chemistry
Bounthot, Annie, Biology
Brabb, Kathleen, Biology
Bradford, Jasper Nofear, Physics
Bradley, Tanner Allen, Biology
Branch, Karli Ruth, Biology
Brandow, Jarom Alexander, Biology
Brewer, Shaylie, Chemistry
Cahoon, Elizabeth V, Physics
Call, Alexandra M, Biology
Carder, Rachel A, Biochemistry
Carlson, Evan Allen*, Biology
Carter, Daniel Charles, Biology
Caruso, Paul, Physics
Cash, Amber M, Mathematics
Castro, Kalista Tia, Physics Teaching
Chambers, Matthew Eugene Whitacre**, Biology
Chang, Joshua*, Biology
Chen, Todd Yata, Biology
Chiao, Avery Alexander, Mathematics
Christensen, Zackary Dale Preuer, Biology
Clark, Casey Hunter, Biochemistry
Clawson, Kathia Lisseth***, Biology
Connor, Aidan Randall**, Biology
Cook, Gregory Corbin, Chemistry
Cookson, Samuel Bowman, Physics
Coon, Mikayla Ann, Biology
Cottle, Natalie, Biology
Couey, Allen Anthony, Chemistry
Counterman, Elijah Drew**, Applied Mathematics
Counterman, Elijah Drew**, Biochemistry
Crane, Charles J, Biology
Crawford, Jakob R, Biology
Crawford, Michael Boyd, Mathematics
Croasmun-Adams, Zachary Ryan, Chemistry
Cutshall, Jordan, Biology
Dall, Jonathan Michael, Mathematics
Darling, Abigail Patricia, Biochemistry
Day, Lia Winnie, Biology
Dean, Jacob M, Biology
Dean, Wyatt Ashur, Applied Mathematics
Deboer, Sebastian S, Biology
Deford, Alexis Ann, Biology
Dennett, Paige Ryan*, Mathematics
Desjardins, Gabrielle Ann**, Biochemistry
Din, Shaistah S, Biology
Duft, Madelin Gracie, Biology
Duncan, Tiekler Silas***, Biology
Eatough, Zachary John, Physics
Edgington, Parker J., Biology
Edwards, Jamon Wallace, Biology
Ellis, Isabella M, Biology
Ellsworth, Jeffrey Shane, Applied Mathematics
Espinel, Cristian Estuardo, Biochemistry
Estrada, Jacqueline Jazmin, Biology
Fairbanks, Mary Christine, Biology
Fardos, Nicholas Edward, Biology
Fenton, Berkley Chure***, Biology
Fenton, Brighton Heather, Biology
Fenton, William Colt, Biology
Firth, Ethan Jeff, Chemistry
Flannagan, Meaghan Grace, Chemistry
Ford, Adam John, Biochemistry
Fowers, Tyler S, Biology
Frerichs, Daniel James, Mathematics
Fugal, Aaron, Physics
Gagon, Ryan Loran, Mathematics Teaching
Galloway, Saydra Josalyn*, Biology
Galuaia, Zineb, Biology
Garcia, Mckenna Marie, Biology
Garfield, Quayde Michael, Chemistry
Geurts, Gracie Caroline, Biology
Gilmore, Palepoi Nelson***, Biology
Goh, Ethan Jun Wei, Physics
Gonzalez Pureco, Alejandra, Applied Mathematics
Gooch, Braeden R, Biochemistry
Grace, Peyton Lawrence, Chemistry
Greer, Lily Grace, Biology
Greger, Nicholas Jonathan, Mathematics
Gregorcy, Alex M, Biology
Grimm, Calvin James, Biology
Gustavus, Jacob, Biology
Haber, Ryan Andrew, Biology
Hannay, Kane N., Applied Mathematics
Hansen, Skylee Dongyue, Chemistry
Hardy, Austin Kenneth***, Biology
Harlan, Cooper Joshua, Chemistry
Harris, Preston William, Physics
Harrison, Donald Charles, Mathematics
Hart, Chase Austin*, Biology
Haskay, Savannah Skye, Biochemistry
Hassard, Brian R***, Physics
Haught, Maddison Brooks, Biology
Hawkes, Mia Kathleen, Biology
Heilman, Matthew L, Biology
Hendry, Samuel Gary*, Biology
Hickenlooper, Carter Vincent, Physics
Higgins, James Michael, Mathematics
Hill, Rachel, Biology
Hoffman, Kallie, Biology
Hogan, Amanda Michelle, Biology
Hong, Jungwook, Biology
Houghton, Madeline Elizabeth, Biology
Huenemann, Benjamin*, Mathematics
Hughes, Isabelle, Biology

Ingram, Dominique, Biology
Isa, Cristal Chieko, Applied Mathematics
Iverson, Nathan James, Biology
Jabbouri, Nada Marianne, Biology
Jaber, Dana Othman*, Biology
Jackson, Nathan Thomas, Chemistry
Jacobsen, Brooke A, Mathematics Teaching
Jannoud, Ryan Maxwell, Biology
Jensen, Cameron Bret**, Physics
Jensen, Joshua Dean, Mathematics
Jin, Song, Biochemistry
Jin, Song, Biology
Johnson, William-Michael M, Applied Mathematics
Johnston, Kimball Lain***, Applied Mathematics
Jorgensen, Nels, Physics
Jorgensen, Soren Becker, Biology
Katsanevas, Lucas Kade**, Mathematics
Kazemini, Kyle Hassan, Applied Mathematics
Kharidia, Shilpi S, Biology
Kim, Brian Byounghei, Biology
Kim, Siha, Chemistry
Kim, Yongsoo, Biology
King, Carl Norman, Mathematics
Koff, Jensen, Biology
Kohlman, Ashley Jo, Biology
Kopaunik, Cameron Kevin, Physics
Kounalis, Anthony David, Physics
Kraft, Chloe M, Biology
Kruse, Patrick Lloyd, Biology
Kwak, Hyoin, Biochemistry
Lake, Calder Jaren***, Biology
Lame, Ethan J***, Physics
Landrum, Jenna Mae, Biology
Langenecker, Maya K, Biology
Larsen, Sydney Ejin**, Biochemistry
Larson, Daniel Zenger, Biology
Layton, Christa Lee, Biology
Le, Courtney N, Mathematics
Le, Jaden, Biology
Lee, Cheongheon, Physics
Lee, Hannah Faith, Biology
Lee-Mesa, Palmer Curtis, Biology
Lopez, Mario Yohalmo, Biochemistry
Lu, Emma Alorrah, Biology
Luettinger, Chase T, Biochemistry
Ma, Julia, Applied Mathematics
Madison, Bethany Johns, Biology
Madrigal, Andre Nicholas, Biology
Mansfield, Meghan Shay, Biology
Maritsas, Apostolos V, Biology
Marler, Kaitlin M, Chemistry
Marz, Steven Jeffrey**, Physics
Mathison, Marianna Florance, Biology
Maynard, Elizabeth Rachel, Applied Mathematics
Mcdermed, Nathan Blake, Biology
Mcmullin, Scott W., Chemistry
McNair, Fiona Ryan*, Biology
Mercer, Jarom Paul*, Chemistry
Merchant, Peyton O, Biology
Merkley, Scott Asher, Physics
Messer, Jacob Michael, Chemistry
Miller, Brook, Biology
Miller, Carson Kirk, Mathematics
Miraglia, Joshua Thomas, Physics
Mishra, Apurv***, Biology
Mishra, Gaurav K, Biology
Mohd Fuad, Nurlatifa Zahra, Biology
Moosavi, Shaya, Biology
Moravcikova, Sona, Biology
Mowes, Brandon Edgar, Chemistry
Muffler, Jacqueline Mary, Biochemistry
Murugan, Ilakya, Biochemistry
Na, Ryan Long, Chemistry
Najera, Antonio, Mathematics
Nelson, Isaac Bradley, Biology
Nghiem, Ryan, Biology
Nguyen, Long Hoang, Applied Mathematics
Nguyen, Long Hoang, Physics
Nightingale, Sage Avery, Biology
Nnah, Favour Ogechi, Biology
Noakes, Hillary E, Biology
Norris, Spencer C, Biochemistry
Nunn, Courtney Elizabeth, Biology
O'Brien, Rylee, Biology
Olsen, Jake Ryan, Physics
Onyeagba, Emmanuel Yao, Biology
Ornelas, Patrick Andrew, Chemistry
Ortega, Andrew Hector, Biology
Owens, Kaitlin Ruth, Biology
Owens, Liam Eugene, Applied Mathematics
Owens, Monica-Rae, Biology
Palmer, Claire Sailoung, Biology
Palmer, Jay T***, Biology
Pami, Patrick Oliver, Applied Mathematics
Pantziris, Ian Narrad, Physics
Paritala, Naga Bhargav, Biology
Park, Jiyeon, Mathematics
Park, Yun Soo, Biology
Parker, Rowan Helfer, Biology
Parkin, Andrew J, Biochemistry
Parks, Matthew, Biology
Payne, David, Chemistry
Payton, Jessica Linnette, Physics
Pedersen, Hallie M, Biology
Pehrson, Chase I, Chemistry
Penttila, Alec Michael, Chemistry
Perea III, Gary Cole, Chemistry
Perez, Benjamin David, Biology
Peterson, Connor Mark, Biology
Peterson, Trevor Michael, Biology
Peterson, Trevor Michael, Chemistry
Petrilla, Jessica Lee, Biology
Ponce, Kristen Anulia, Biology
Pope, Samantha, Biology
Powell, Sebastian, Biology
Preece, Benjamin Joseph, Physics

Putz, Nicholas J, Biology
Ratchford, Grace Idella, Biology
Raymond, Nathan David, Biology
Redd, Ryan Zachary, Mathematics
Rich, Steven Mark, Biology
Ricks, Lyndsay Sierra, Biology
Robins, Tanner, Biology
Robinson, Ashlee Nicole, Applied Mathematics
Rohlf, Kilee Ann, Mathematics
Roman, Xavier, Biology
Romero-Resa, Mitzi Kimberly, Chemistry
Romrell, Rowdy Burton, Chemistry
Roque, Rhodleen Glorien Caturay, Applied Mathematics
Rosal, Vian F, Biochemistry
Rosiles Rodriguez, Stacy, Biology
Rosquist, Keaton Todd, Biology
Ross, Stockton T, Mathematics
Rowley, Michael Jared, Mathematics Teaching
Ryan, Elizabeth A, Biochemistry
Sabry, Amira Day, Biology
Salazar, Salvador David, Applied Mathematics
Santa Ana, Stella Rae, Biology
Satter, Von A, Biochemistry
Schiwal, Dana Elizabeth***, Biology
Schlamkowitz, Jack Aaron, Chemistry
Schneggenburger, Benjamin Robert, Biology
Schultz, Max Rudolph, Biology
Scott, Adam Lewis, Mathematics
Scovill, Myleigh, Biology
Sevison, Justin P, Chemistry
Shapiro, Andrew Robert, Applied Mathematics
Sharma, Jessica, Biology
Shelton, Haven Reed, Physics
Shin, Seungwon, Mathematics Teaching
Shipp, Isaiah, Biology
Simmons, Savannah, Mathematics
Siu, Grace J, Mathematics
Sjoblom, Ana E, Chemistry
Smith, Erik Preston, Biology
Smith, Isabelle Jane***, Chemistry
Smith, Kaitlyn R*, Biology
Smith, Lia K, Mathematics
Smith, Mary J, Mathematics
Soller, Summer Megan, Mathematics
Sorensen, Jayden N, Biology
Soucie, Jessica Lauren, Mathematics
Steckel, Sophie Anne, Chemistry
Stein, Alfred James, Applied Mathematics
Storm, Carson Parker, Mathematics
Stucki, Winston S, Mathematics
Sullivan, Harry Winston, Physics
Tako, Gnoulelein M, Mathematics
Tate, Ryan James, Biology
Tattini, Madison Elizabeth, Biology
Teets, Malia Rae, Biology
Tian, Bruce B, Biochemistry
Todaro, Angelena M, Biology
Tracy, Javiera Francisca, Biochemistry

Tran, Kathy, Biology
Trombley, Kara Nicole, Biology
Tsai, Ying-Jen, Biochemistry
Uddenberg, Julia Kelley, Biology
Valerio, Katharine L, Biochemistry
Vankayalapati, Vivek, Physics
Venz, Skyler Ray, Biology
Voeller, Derek Anthony, Physics
Votek, Amber Kay, Mathematics
Wagner, Lukas David, Chemistry
Wagner, Maya Mickelle, Applied Mathematics
Wahlen, Lily Jean, Biology
Walker, Clay Elliot Knobbe, Chemistry
Wan, Zihe, Biology
Wang, Zhenlong, Mathematics
Weakley, Hanna Leigh, Mathematics
Weiler, Ellen Kathryn, Biology
Weller, Caroline M**, Biology
Wesley, Cara Brooke***, Biology
Whitaker, Kimberly Ann, Biology
Whitehead, Laura, Biology
Whiting, Marc, Physics
Whittaker-Tademy, Aneasha Francheska, Biology
Williams, Taylor M, Biochemistry
Wilson, H Wyatt, Biology
Wilson, Lane Marshall***, Biology
Winder, Conner Philip, Physics Teaching
Woodrum, Mackenzie C, Biology
Worthen, Miles David, Chemistry
Wratten, Pierce Richard, Chemistry
Wright, Elias McConkie*, Biology
Wu, Emily Rosy, Biochemistry
Wu, Ya-Xuan, Biology
Yahyapour, Nadia, Biology
Yee, Elena Min, Biology
Zamudio-Frausto, Giselle, Biology
Zarandona, Nikolai Valdez, Biology
Zhao, Haidong, Mathematics
Zhou, Shengguang, Applied Mathematics
Zinn, Benjamin, Applied Mathematics

**Candidate for the
Degree of Bachelor of University Studies**

King, Scott Clark, Anatomy and Physiology

Certificates

**Candidates for the
Honors Certificate**

Andersen, Kara Josephine
Ding, Victoria L
Fowers, Tyler S
Guynn, Isaac Pierce Amel
Halberg, Charles Harry
Hansen, Skylee Dongyue
Hanson, Olivia Rosemary
Lame, Ethan J
Landrum, Jenna Mae

Lawrence, Derek John
Loyola, Nicolas Mulbere
Mallender, Zachary Charles
Mickelsen, Lauren Mckenzie
Munn, Jared Jackson
Peterson, Mikal Cole
Richardson, Brennan Dayn
Schultz, Max Rudolph
Tazehabadi, Tara
Ward, Bridget Ellie
Wiese, Claudia Louise

**Candidate for the
Undergraduate Certificate in
Applied Positive Psychology**

Owens, Kaitlin Ruth

**Candidate for the
Undergraduate Certificate in
Criminology and Corrections**

Coon, Mikayla Ann

**Candidate for the
Undergraduate Certificate in
Geographic Information Science**

Peterson, Connor Mark

Commissions

**Graduates of the Reserve Officers' Training
Corps Being Presented a Commission as
2nd Lieutenant, Unites States Air Force**

Crawford, Michael Boyd
Jackson, Nathan Thomas
Scott, Adam Lewis

**Graduate of the Reserve Officers' Training
Corps Being Presented a Commission as
Ensign, United States Navy**

Ellis, Isabella M

Honor Societies

**Student Elected to the
Honor Society of Beehive**

Fernandez, Florence De Guzman

**Students Elected to the
Honor Society of Golden Key**

Fernandez, Florence De Guzman
Lee, Nickolas Robert

**Student Elected to the
Honor Society of Omicron Delta Epsilon**

Lozada, Benvin Fan

**Student Elected to the
Honor Society of Phi Beta Kappa**

Brauer, Markus

**Students Elected to the
Honor Society of Phi Eta Sigma**

Bass, Chandler Allen
Fowers, Tyler S
Gray, Yvannia Marie
Katsanevas, Lucas Kade
Kirkeby, Emily K
Langenecker, Maya K.
Lee-Mesa, Palmer Curtis
Munn, Jared Jackson
Wiltsie, Ashley Raelynn

**Student Elected to the
Honor Society of Phi Kappa Phi**

Beams, Alexander Brown

**Students Elected to the
Honor Society of Pi Mu Epsilon**

Beams, Alexander Brown
Geisler, Emil S

**Students Elected to the
Honor Society of Sigma Alpha Pi**

Fernandez, Florence De Guzman
Su, Yinghua

Scholars

**Candidates for
Undergraduate Research Scholar**

Deford, Alexis Ann
Desjardins, Gabrielle Ann
Din, Shaistah S
Eatough, Zachary John
Ford, Adam John
Geisler, Emil S
Hassard, Brian R
King, Scott Clark
Kraft, Chloe M
Krauel, Steven Peter
Lee-Mesa, Palmer Curtis
Mallender, Zachary Charles
Marz, Steven Jeffrey
Perea III, Gary Cole
Prakash, Tejashree
Pugmire, Anne Eliza Pingree
Rosquist, Keaton Todd
Schiwal, Dana Elizabeth
Smith, Mary J
Tazehabadi, Tara

***Summa Cum Laude

**Magna Cum Laude

*Cum Laude

College of Mines and Earth Sciences

Candidates for the Degree of Doctor of Philosophy

Alnaser, Husain FFHS, Metallurgical Engineering
Amoakoh, Daniel Botchwey, Mining Engineering
Bai, Husile, Atmospheric Sciences
Bernau, Jeremiah Amen, Geology
Breedon III, Benjamin Thomas, Geology
Chamberlain, Jarom Lee, Metallurgical Engineering
Duncan, Casey James, Geology
Finnegan, Riley Mairead-Mahoney, Geophysics
Fischer-Femal, Brenden, Geology
Humphrey, Christopher Eric, Geology
Jolley, Bryce Ricks, Metallurgical Engineering
Jones, Clay Grant, Geology
Li, Xia, Atmospheric Sciences
Mitchell, Christopher John, Atmospheric Sciences
Moyes, Alexander Jay, Mining Engineering
Ochoa, Raul Ignacio, Geology
Rajagopal, Manikandan, Atmospheric Sciences
Roten, Dustin Dale, Atmospheric Sciences
Sarantsatsral, Narmandakh, Mining Engineering
Sime, Marc Freddy, Metallurgical Engineering
Srinivasan, Ramana Murali, Metallurgical Engineering
Talebi Esfandarani, Elaheh, Mining Engineering
Wilmot, Taylor Y, Atmospheric Sciences
Xu, Zhuocan, Atmospheric Sciences
Yang, Chenguang, Metallurgical Engineering
Young, Aaron Samuel, Mining Engineering
Zhang, Zhixiao, Atmospheric Sciences

Candidates for the Degree of Master of Science

Atlas, Claire E, Geology
Bestul, Kimberly A., Atmospheric Sciences
DeMaria, Matthew Benjamin, Atmospheric Sciences
Ersen, Tolunay Recep, Geophysics
Finley, Hannah, Geology
Gaichuk, Ivan V, Geology
Hartley, Hannah Beth, Geology
Hirshorn, Noah Santo, Atmospheric Sciences
Kapoor, Ishaan, Mining Engineering
Kongolo Ilunga, Joel, Metallurgical Engineering
Lee, Shantae Hoi-Kui, Mining Engineering
Mcglynn, Paul Stephen, Atmospheric Sciences
Muller, Patrick, Metallurgical Engineering
Oduro, Lewis, Mining Engineering
Pletcher, Michael David, Atmospheric Sciences
Podder, Prasenjit, Metallurgical Engineering
Radwin, Mark Hager, Geology
Spencer, Francesca Louise, Geology
Stone, Luke L, Atmospheric Sciences
Thomas, Ieuan Jyn-Tow, Atmospheric Sciences
Wolvin, Savanna, Atmospheric Sciences
Yip, Jackson Paladin, Atmospheric Sciences

Candidates for the Degree of Master of Science and Technology

Carroll, Julian Robert, Environmental Science
Collins, Amy Leigh, Environmental Science
Karpas, Paraskevi, Environmental Science
O'Brien, Matthew Charles, Environmental Science
Schroeder, Eli Daniel, Environmental Science
Valko, Peyton Claire, Environmental Science

Candidates for the Degree of Honors Bachelor of Science in Geoscience

Cordova, Andreas G**
Festin, Madeleine Mary*
Spendlove, Karrah J***

Candidates for the Degree of Bachelor of Science in Atmospheric Sciences

Alden, Clinton Douglas
Buckley, Nicholas
Hofmann, Nicholas Sanders
Manning, Jameson H
Mondlock, Olivia Sophie
Reuschel, Luke
Sherr, Cameron E
Stoddard, Johnathan F
Tarin-Olivas, Rochelle Zoe
Wagner, Isaiah Michel

Candidates for the Degree of Bachelor of Science in Earth Science Composite Teaching

Condon, Abby Jean
Tang, Edward Pokman

Candidates for the Degree of Bachelor of Science in Geological Engineering

Braning, Kali N
Gaines, Dustin Allen
Leberknight, Tristen Jerald
Manzo, Alan Daniel
Terlaga, Michael

Candidates for the Degree of Bachelor of Science in Geoscience

Bagge, Sam Rose
Barry, Chloe Alana**
Beukema, Alice Olivia
Brock, Stephanie Nicole
Clough, Bryce Robert**
Cocke, Ryan Michael
Denney, Megan Breeana
Fankhauser, Jessica Ann
Harbin, Dustin Joseph
Kirkpatrick, Kayleigh Elizabeth

Mancini, Gregory John
Matzke, Annie Elizabeth
Nicolodemos, Nathan
Payne, Lillianne Jayde
Peterson, Brennon Kyle*
Smart, Sarah Anne Bleiweiss
Sorensen, Lila L
Terlaga, Michael
Tessman, Audra Evalina
Williams, Michelle

**Candidates for the
Degree of Bachelor of Science in
Metallurgical Engineering**

Armstrong, Tristan Andrew
Moore, David
Sadler, Easton J
Samuel, James Davidraj
Schroeder, Benjamin David
Squire, Nickolas Grant

**Candidates for the
Degree of Bachelor of Science in
Mining Engineering**

Alaguzov, Aldiyar A
Brown, Zachary Ray
Campbell, Gates
Carson, Jared Lloyd
Christensen, Daniel Robert
Huish, Chad N
Lee, Shantae Hoi-Kui
Lyddall, Benjamin J
Sawyer, David Charles*
Sullivan, Hunter Patrick
Trent, Harrison

Certificates

**Candidate for the
Honors Certificate**
Cordova, Andreas G

Commissions

**Graduate of the Reserve Officers' Training
Corps Being Presented a Commission as
Ensign, United States Navy**
Reuschel, Luke

Honor Societies

**Student Elected to the
Honor Society of Golden Key**
Campbell, Gates

**Students Elected to the
Honor Society of Phi Eta Sigma**
Campbell, Gates
Young, Aaron Samuel

**Student Elected to the
Honor Society of Tau Beta Pi**
Campbell, Gates

Scholars

**Candidates for
Undergraduate Research Scholar**
Bagge, Sam Rose
Spendlove, Karrah J

***Summa Cum Laude

**Magna Cum Laude

*Cum Laude

