



COLLEGE OF SCIENCE
CONVOCAATION

THE UNIVERSITY OF UTAH
COMMENCEMENT 2020

COLLEGE OF SCIENCE

Dear Graduates,

Congratulations! On behalf of the faculty, staff, and College of Science community, I wish to commend your tremendous accomplishments. Each of you has worked incredibly hard to reach this goal, and you should be very proud.

Achieving a degree in the College of Science is no small feat. You have committed to long lab hours, untangling proofs and calculations, and problem-solving across several disciplines. The path to graduation is never smooth, and I recognize that many of you have faced and overcome tremendous obstacles in the pursuit of your degree. Your dedication is now rewarded, but I know your journey in science will not end here.

This spring has brought unforeseen circumstances for us all. But even as we face this time of uncertainty, it is also a telling reminder about the crucial importance of scientific research and discovery. After all, scientists will lead the way in addressing our current situation. You will be part of that effort as well. Whether in the research lab, out in the field, or through the use of technology, you will be a part of the solutions to the challenges facing our world today.

Like all of you, this was not the Convocation I expected for my first year as your Dean. But please know that although the photos may be different and the celebration somewhat muted, that this in no way minimizes the pride that you should have for this feat, and that the entire College has for each of you. This is your time to celebrate.

Since graduations are also periods of transition, I challenge you as you step into the next phase of your life to apply the knowledge and resilience you gained during your time at the University of Utah to addressing the opportunities and challenges in our world. Never stop engaging, challenging, and learning. As a College of Science alum, you are continuing a tradition of excellence established by those who came before you. We cannot wait to see what you will do.

Again, I offer you my congratulations and best wishes for your future.

Peter Trapa
Dean, College of Science

Awards and Special Recognitions

College of Science Research Scholar Award

Delaney Mosier, *B.S. in Mathematics*

University of Utah Distinguished Research Award

David Bowling, *Professor of Biological Sciences*

University of Utah Rosenblatt Prize for Excellence

Cynthia Burrows, *Distinguished Professor of Chemistry*

University of Utah Distinguished Teaching Award

Kelly MacArthur, *Instructor (Lecturer) of Mathematics*

University of Utah Distinguished Research Award

International Society of Electrochemistry Fellow

Shelley Minteer, *Professor of Chemistry*

University of Utah Distinguished Professor

Valeria Molinero, *Professor of Chemistry*

University of Utah Distinguished Mentor Award

Pearl Sandick, *Associate Professor of Physics & Astronomy*

Community Engaged Teaching and Scholarship Award

Tino Nyawelo, *Associate Professor (Lecturer) of Physics & Astronomy*

John R. Park Fellowship

Andrey Rogachev, *Associate Professor of Physics & Astronomy*

Emile Argand Award from the International Union of Geological Sciences

Thure Cerling, *Distinguished Professor of Biological Sciences*

Simons Fellowship

Jonathan Chaika, *Associate Professor of Mathematics*

Karl Schwede, *Professor of Mathematics*

Mario Capecchi Endowed Chair

James Gagnon, *Assistant Professor of Biological Sciences*

American Chemical Society Award in Spectrochemical Analysis

American Chemical Society Fellow

Eastern Analytical Symposium Award for Outstanding Achievements in the Fields of Analytical Chemistry

Joel Harris, *Distinguished Professor of Chemistry*

American Mathematical Society Fellowship

Davar Khoshnevisan, *Professor of Mathematics*

National Science Foundation Early Career Award

Sean Lawley, *Assistant Professor of Mathematics*

Jon M. Huntsman Presidential Chair

Ryan Looper, *Professor of Chemistry*

Celebrate U - Top Entrepreneur 2018

Baldomero Olivera, *Professor of Biological Sciences*

American Association for the Advancement of Science Fellow

John Parkinson, *Distinguished Professor of Biological Sciences*

Highly Cited Researcher for 2019 by Web of Science

John Sperry, *Professor of Biological Sciences*

American Institute of Chemists Gold Medal

National Academy of Inventors Fellow

Peter J. Stang, *Distinguished Professor of Chemistry*

Faculty Teaching Award for Excellence in General Education

David Temme, *Professor (Lecturer) of Biological Sciences*

University Sustainability Teaching Scholar Designation

Tanya Vickers, *Instructor (Lecturer) of Biological Sciences*

John A. Widtsoe Presidential Endowed Chair in Chemistry

Henry White, *Distinguished Professor of Chemistry*

Doctorate of Philosophy Degrees

Megha Agarwal, *Physics & Astronomy*

Effects of impurities and interaction in graphene

Matteo Altavilla, *Mathematics*

Bridgeland Stability Conditions and Semi-Orthogonal Decompositions

Hanna Astephan, *Mathematics*

Semiduality of Rank-1 Lattices

Moumita Bhattacharya, *Chemistry*

Role of Amines in Efficient Carbon Capture and Recycling

Rebecca Bruders, *Biology*

Genetic links between pigmentation and eye defects in domestic pigeon (*Columba livia*)

Kevin Childers, *Mathematics*

Some results on Galois deformations valued in reductive groups

Andrew Clevenger, *Chemistry*

Formation of Active Catalysts from Nickel and Bidentate Phosphines

Amanda Cooper, *Biology*

Muscle design and whole-organism performance: functional specialization for physical competition and locomotor power versus economy

Rodrigo Costa, *Biology*

The effects of pathogen diversity, host diversity and host-associated factors on the virulence evolution of influenza A virus

Kevin Davenport, *Physics & Astronomy*

Study of Charge Transport Processes in Organic and Inorganic Semiconductor Devices Using Noise and Immittance Spectroscopy

Huy Dinh, *Mathematics*

Anomalous Diffusion in Sea Ice Dynamics

Pinches Dirnfeld, *Mathematics*

Complexes of finite injective dimension with applications to the Frobenius endomorphism

Hallie Elich, *Mathematics*

Priscilla Elizondo, *Mathematics*

Gaoyang Fan, *Mathematics*

A Mathematical Investigation of Quorum Sensing in Bacterial and Communication Networks

Liz Fedak, *Mathematics*

Mathematical models of p53 autoregulation and the DNA damage response

Stephanie Felten, *Chemistry*

Secondary Ligand Effects in Base-Metal Catalyzed Cyclization Reactions

Erjuan Fu, *Mathematics*

Lefschetz pencils and nets for hyperplane sections of a complex projective surface

Greg Furlich, *Physics & Astronomy*

Observation of the GZK Suppression with Telescope Array Fluorescence Telescopes and Deployment of the Telescope Array Expansion

Shilpa Gupta, *Biology*

Dynamics of ESCRT recruitment in Retrovirus Budding

Jordan Herman, *Biology*

Combined effects of nest flies, cowbirds and predators on the fitness of mockingbirds in Argentina

Samantha Hill, *Mathematics*

Modeling the roles of plant distribution and insect foraging in associational resistance

Edward Hujber, *Biology*

Synaptic vesicle biogenesis in the nematode *C. elegans*

Peter Huynh, *Biology*

α -RglA: Structure, Function, and Mechanisms of Non-Opioid Analgesic Peptides Derived from Cone Snail Venoms

Andrew Kassen, *Mathematics*

Hyunjoong Kim, *Mathematics*

Mathematical models of cytoneme-based morphogenesis

JungSoo Kim, *Chemistry*

Oxidation chemistry of Re+, Os+, and Ir+ using Guided Ion Beam Tandem Mass Spectrometry and Theory

Jeremy Klingler, *Biology*

The Evolution of the Archosaur Neck: Form, Function, and Physiology

Sabine Lang, *Mathematics*

Janina Letz, *Mathematics*

Generation Time in Derived Categories

Erin Linebarger, *Mathematics*

Combining Multiple Sources of Information in Algorithms for Autonomous Perception and Decision-Making

Kathryn Link, *Mathematics*

Mathematical Models of Flow-Mediated Intravascular and Extravascular Blood Clotting

Neda Lotfizadeh, *Physics & Astronomy*

Quantum transport study of interacting electrons in carbon nanotubes

Julia McGonigle, *Biology*

Life in Endolithic Environments: Ecology of the Bonneville Salt Flats and Lost City Hydrothermal Vent Field

Shahrzad Motamedi, *Biology*

Endemic Microbial Communities of Seafloor Mantle Rocks

Dapeng Mu, *Mathematics*

Stability conditions on projective spaces, asymptotic stability and space curves

Patrick Murphy, *Mathematics*

Cellular Diffusion in Heterogeneous and Age-Structured Switching Environments

Pavithra Naullage, *Chemistry*

Control of the Growth and Aggregation of Water Crystals

Sergazy Nurbavliyev, *Mathematics*

Quenched Lyapunov Exponents for Random Walk in Random Potential

Renuka Pechetti, *Physics & Astronomy*

Weighing the centers of galaxies in the nearby universe

Emily Smith, *Mathematics*

Jason Sorensen, *Chemistry*

Bond Dissociation Energies of d- and f-block Chalcogenides

Derek Stark, *Biology*

Semi-natural environments reveal health consequences of host social rank during pathogenic infections and fitness effects of Hox gene manipulations

Rebecca Terry, *Mathematics*

Mathematical Models of Cooperation and Phenotypic Plasticity

Renee Tran, *Chemistry*

Direct Detection of Surface Biomolecular Interactions Using Second Harmonic Generation Spectroscopy

Kiersten Utsey, *Mathematics*

Bistability in epigenetic and genetic regulation

Anna Vickrey, *Biology*

The genetic and evolutionary basis of morphological variation: head crests and pigment patterning in pigeons

Maryam Zare, *Chemistry*

Confocal Raman Microscopy Investigation of Functionalized Surfaces within Chromatographic Particles

Daniel Zavitz, *Mathematics*

Ziwen Zhu, *Mathematics*

K-stability and equivariant K-stability

Student Interns

Shams Al-Shawbaki
Bryce Alex
Juan Jose Amaya Lazarte
Natasha Andreasen
Sajdah Arbeed
Elmera Azadpour
Kelsey Barnick
Douglas Borup
Nicole Brewer
Haisley Burbidge
James Carrington
Janie Defriez
Marina Dektereva
Janelle Delgadillo
Adara Deniro
Gabriel Deniro
Benjamin Eager
Juan Esquivelmendoza
Caitlin Faust
Sawson Gholami
Grace Green
Jesse Griffin
Jordan Hendricksen
Marissa Higbee
Connor Hines
Connor Houghton
Vignesh Iyer
Allison Jacobsen
Alexandrea Jee
Dylan Johnson
Tanner Johnson
Malika Kadirova
June Lee
Michaela Lemen

Yiman Liao
Kiana Luu
Jordan Lybarger
Harper Mack
Andre Madrigal
Scott Matheson
Aaron McMurray
Jayanti Muehlman
Sushmita Murthy
Michelle Ngo
Rachel Northrup
Nicholas Olsen
Haley Olson
Dominique Pablito
Nisha Patel
Christina Pick
Marina Pizarro-Krkljus
Isaac Porter
Alison Reeves
Elizabeth Rideout
Minta Siripong
Charnwoo Sol
Liza Sperry
Adam Stoddard
Maria Stokes
Susanna Tang
Jamie Thomas
Camiryn Toeun
Tina Tran
Jeffrey Turner
Michael Valentine
Natasha Velasquez
Adam Williams
Shaylyn Wilson

College of Science Ambassadors

Roy Brambila
Brianna Brammer
Logan Draper
Sheva Mozafari
Nicholas Olsen

**Candidates for the
Degree of Doctor of Philosophy**

Allami, Mohammadhassan, Physics
Amici, Autumn Alexandra, Biology
Appadurai, Daniel Anand, Biology
Astephan, Hanna Marie, Mathematics
Barber, Ahron Scott, Physics
Beecher, Lindsey Michelle, Chemistry
Bergeron, Paul David, Physics
Chaharlang, Marzieh, Physics
Chen, Huachen, Mathematics
Chong, Su Kong, Physics
Cieri III, Robert, Biology
Clevenger, Andrew, Chemistry
Cobley, La'Shaye Ashanti Ervin, Biology
Cooper, Jacob Carter, Biology
Davenport, Kevin Ray, Physics
Dinh, Huy Ba, Mathematics
Elizondo, Priscilla, Mathematics
Eygeris, Yulia, Chemistry
Fan, Gaoyang, Mathematics
Felten, Stephanie, Chemistry
Forsyth, Brandon M, Chemistry
Fu, Erjuan, Mathematics
Goodman, Graham Briody, Biology
Gorey, Timothy John, Chemistry
Groesbeck, Matthew Russel, Physics
Guo, Jing-Yao, Chemistry
Horns, Joshua John, Biology
Hull, John Jeffrey, Mathematics
Jamali, Shirin, Physics
Kamble, Vikrant Anand, Physics
Kenkel, Jennifer Rose, Mathematics
Lackey, Hershel Hayes, Chemistry
Lahiri, Nabajit, Chemistry
Letz, Janina Carmen, Mathematics
Linebarger, Erin Michelle, Mathematics
Link, Kathryn Grace, Mathematics
Liu, Xiaojie, Physics
Long, Bryan Allen, Chemistry
Lotfizadeh, Neda, Physics
Love, Jay William, Biology
Malla, Rajesh Kumar, Physics
Mamede Dos Santos Costa, Rodrigo, Biology
Martineau, Jason T, Physics
Mathis, Cheryl Louise, Chemistry
Matthews, Nolan Karsten, Physics
McAfee, Sean, Mathematics
Miller, Sven Alexander, Chemistry
Moraga Saez, Joaquin Leonardo, Mathematics
Mu, Dapeng, Mathematics
Murphy, Patrick A, Mathematics
Nahlawi, Adnan Imad, Physics
Newbold, Michael David, Physics
Nie, Shiyu, Physics
Paladugu, Srinivas Reddy, Chemistry
Panich, Justin, Biology
Rahman, Ajara A, Chemistry

Rota, Franco, Mathematics
Rou, Janvida April, Physics
Sevy, Andrew Troy, Chemistry
Simonson, Andrew Nels, Chemistry
Smith, Matthew Everett, Mathematics
Smolkin, Daniel, Mathematics
Stevenson, Peter Rulon, Chemistry
Su, Weicong, Mathematics
Talbot, Justin John, Chemistry
Teferi, Mandefro Yehulie, Physics
Terry, Rebecca Sue, Mathematics
Tian, Ye, Physics
Tran, Renee Jane, Chemistry
Utsey, Kiersten, Mathematics
Wang, Yujie, Biology
Wisniewski, John A, Chemistry
Xia, Qing, Mathematics
Xu, Xiaoju, Physics
Yamamoto, Shuhei, Physics
Zare, Maryam, Chemistry
Zhu, Ziwen, Mathematics

**Candidates for the
Degree of Master of Science**

Aguirre, Giancarlo, Physics
Allen, Bradley, Chemistry
Allen, Jamie Renee, Chemistry
Blair, Hailey Rebecca, Biology
Carney, Merry Elaine, Mathematics Teaching
Chong, Su Kong, Physics
Cope, Brooke Blair, Mathematics Teaching
DeSplinter, Kristin Taylor, Mathematics
Etheridge, Sarina M, Physics
Fischer, Devon Cassandra, Physics
Gandy, Merilee Sue, Mathematics Teaching
Gay, Lincoln Scott, Biology
Gieber, Jamin Dean, Mathematics
Gillespie, Austin, Chemistry (Teaching)
Hall, Stephen Christopher, Chemistry
Hardy, Heather, Mathematics Teaching
Hill, Rebecca Jack, Mathematics Teaching
Hossain, Mohammad Tomal, Physics
Houtappels, Michele Diane, Mathematics
Humphrey, Jessica, Mathematics Teaching
Inagaki, Ryota Thomas, Biology
Kindred, Jolynn Beard, Chemistry
Letz, Janina Carmen, Mathematics
Li, Chonghuan, Physics
Lin, Ho-Chen, Biology
Lucas, Steven Timothy, Chemistry
Luscomb, Alison Nicole, Chemistry
Martin, Michael Scott, Physics (Teaching)
Martineau, Jason T, Physics
Myers, Erica Nicole, Chemistry
Nordstrom, John P, Mathematics Teaching
Patel, Jankiben H., Chemistry
Poovelil, Vijith Jacob, Physics
Popli, Henna, Physics

Reece, Eric James, Chemistry
Reynolds, Aaron Jacob, Chemistry
Rosslund, Steven Patrick, Physics
Russell, Victoria Lynn, Chemistry
Saha, Ipsita, Physics
Sharma, Abhimanyu, Physics
Simon, Charles Joseph, Chemistry
Sundberg, Juli Mei, Chemistry
Szarzec-Larsen, Agnieszka Anna, Chemistry
Talbot, Michael Scott, Physics
Thornton, Christopher Neil, Biology
Waight, Emiko Mae, Biology
Wang, Fang, Chemistry
Wang, Maoji, Physics
Ward, Joseph Wilcox, Mathematics
Winkler, David Russell, Mathematics Teaching
Yan, Wenjie, Chemistry
Yeates, Shaelynn, Mathematics Teaching
Zeng, Qingji, Physics

**Candidates for the
Degree of Master of Science and Technology**

Carver, Jessica Lee, Biotechnology
Draper, Travis Gilbert, Computational Science
Giffin, Mikaelle, Biotechnology
Gray, Breeanna Laine, Biotechnology
Leavitt, Lee Stanley, Computational Science
Manwaring, Joel John, Biotechnology
Shamir, Alexandra Michaela, Computational Science
Slade, Jeremy Adam, Biotechnology
Strong, Jake McClinton, Biotechnology
Zackrisson, John Paul, Computational Science

**Candidates for the
Degree of Master of Statistics**

Buckner, Miranda Breeann, Mathematics
Cristiano Botia, Deicy Johana, Mathematics
Dinh, Huy Ba, Mathematics
Nurbavliyev, Sergazy, Mathematics
Santana, Loren, Mathematics

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

Azadpour, Elmera, Biology
Barber, Jonah N, Physics
Barnick, Kelsey Anne, Biology
Baskin, Robert Paul*, Biology
Bergsten, Galen J**, Physics
Bernardo, Madeline F*, Biology
Bhakta, Kishan, Biology
Brammer, Brianna, Biology
Brueggemeyer, Magdalene T*, Chemistry
Bull, August John*, Mathematics
Cantrell, Rachel Lou-Lavonne, Chemistry
Christensen, Kiana E***, Biology
Cocke, Granger Bartlett, Biology
Coles, Jared R, Physics
Curtis, Kaili Breann, Biology

Duffin, Calder G, Chemistry
Garzella, Jack J**, Mathematics
Houghton, Connor Christian Alexander, Physics
Hudac, Jacob Stanton, Chemistry
Jenkins, Shelby Q, Biology
Johnson, Dylan Parnell Giovanni***, Mathematics
Jones, Kathryn Kinsi*, Chemistry
Kareem, Asal Muayad, Biology
Kelley, Logan Thomas, Physics
Kendell, Spencer Kurtis, Biology
Ly, Kellsey, Biology
Mack, Harper Sage, Chemistry
Martin, Emily Rose*, Biology
Montgomery, Jessie Ann, Chemistry
Muehlman, Jayanti Lila Heilani, Biology
Naylor, Nathan Oblad, Biology
Nguyen, Nam D*, Biology
Olsen, Nicholas, Chemistry
Parker, Kira P***, Mathematics
Payne, Rachel, Chemistry
Peek, Julia Katherine, Chemistry
Quackenbush, Garrick Daniel, Biology
Rahmati, Kasra, Biology
Reece, Eric James, Chemistry
Rosas, Ana M**, Biology
Santa Ana, Nicholas Francis, Biology
Scholl, Wallis Elaine, Chemistry
Sperber, Alexander M, Biology
Stokes, Maria S, Physics
Takasugi, Paige Reiko*, Biology
Thompson, Lauren Ruth***, Biology
Wheeler, Alexander George, Biology
Willis, Hannah Judette, Biology
Xiao, Michael**, Biology
Yugawa, Deanne Elise**, Biology
Zagorec-Marks, Chase A***, Chemistry
Zhu, Julia, Chemistry

**Candidates for the
Degree of Honors Bachelor of University Studies**

Mozafari, Sheva, Integrative Health Sciences
Rasmussen, Gabriella R, Anatomy and Physiology

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

Berger, Madeline Tessa, Biology
Brown, Eric William, Mathematics
Carrington, James Truart, Biology
Feten, Erika N, Chemistry
Hayes, Elizabeth, Biology
Huang, Huihsien, Biology
Ikegami, Kobe Takashi, Biology
Jacobsen, Allison Lee***, Chemistry
Lee, June Hyojune, Biology
Li, Yao, Biology
Liu, Tianyi, Biology
Luong, Anh Tram, Biology
McDonald, Braden James, Biology

Nemelka, Justin Tanner, Biology
Pereira, Lucas, Biology
Pluim, Kylie, Chemistry
Porter, Isaac Nelson, Biology
Scott, Steven, Biology
Spriggs, Tanner T, Biology
Thomas, Kory Cooper, Biology
Todd, Ethan, Biology
Turner, George Lee, Biology
Wright, Briton McConkie, Biology
Zarbock, Kort James***, Biology

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

Abakar, Abubakar Daoud, Chemistry
Abram, Tyler J, Mathematics
Adams, Summer, Physics
Adams, Tyler Halling*, Applied Mathematics
Ali, Zainab M, Biology
Allen, Bradley, Chemistry
Allum, Stacey Lynn, Biology
Amaya Lazarte, Juan Jose Quintin, Biology
Ambrosini, Antonella, Biology
Andreasen, Natasha Marie, Chemistry
Arbeed, Sajdah Q, Biology
Archibald, Monica Hills, Mathematics
Armstrong, Rebekka Marie, Chemistry
Asadian, Marisa, Chemistry
Ashton, Thomas Mark, Chemistry
Bailey, Kaligh, Mathematics
Bain, Kaylee Nancy, Mathematics
Baird, Kylee Ann, Mathematics
Baughman, Ariel, Mathematics
Bayles, Julianne Nicole, Biology
Bedke, Jacob H, Biology
Bingham, Brittnee Nicole, Chemistry
Bingham, Cara Berrell, Biology
Birch, James Brandon, Mathematics
Bladen, Jackson Christopher, Chemistry
Blair, Dylan James, Applied Mathematics
Blair, Hailey Rebecca, Biology
Blank, Skylar, Chemistry
Block, Madison C, Biology
Borup, Douglas Carl, Chemistry
Bowers, Ruby R*, Applied Mathematics
Bowser, Zachary Bryan, Biology
Bradford, Amy M***, Mathematics
Brambila, Rogelio, Biology
Brenkmann, Alexandria Marie, Chemistry
Brewer, Jonathan F*, Biology
Brewer, Nicole Jasmine, Biology
Briggs, Kaitlyn Emma, Biology
Bui, Uyen Tu, Biology
Burde, Jacob Yohei, Mathematics
Butler, Matthew James, Mathematics
Canning, Sarah, Mathematics
Cannon, Austin Thales, Chemistry
Cannon, Kyle Davis, Chemistry

Card, Jackson Scott, Applied Mathematics
Castro, Carolina Isabel, Chemistry
Cendejas, Cristina, Chemistry
Chatterley, Casey, Chemistry
Chaudhry, Sarah Khurshid, Biology
Cherry, Alexandros Brenton, Chemistry
Christian-Kallschmidt, Lydia Sophie, Biology
Chung, Brandon Ho-Kuen, Biology
Chung, Nien, Chemistry
Clarke, Orville Oliver, Applied Mathematics
Clarke, Orville Oliver, Physics
Coffing, Zachariah Edward Roger, Biology
Colvin, Levi Samuel*, Biology
Condas, Emanuel K, Mathematics
Conrad, Richard Evan, Biology
Cook, Mindy May**, Mathematics
Coy, Scott Joseph, Mathematics
Cronan, Julian Raphael, Biology
Currie, Amanda Marie, Biology
Cutler II, William Dalley, Biology
Dastpish, Afagh, Mathematics
David, Philippe Bruce-Woods*, Chemistry
Davis, Madeleine Simone, Biology
Deardurff, Janelle Anne, Biology
Defriez, Janie Laine, Biology
Dektereva, Marina, Biology
Delgadillo, Janelle, Biology
Deniro, Gabriel I., Biology
Di Conza, Joseph Todd, Mathematics
Diesen, Hyrum Thomas, Biology
Dischmann, William Ryan, Biology
Dobrzanski, Claire Marie, Biology
Dohm, Keegan Gregory, Applied Mathematics
Downer, Richard Dale, Physics
Draper, Logan Joseph, Physics
Duenes, Alyssa Louise, Biology
Duong, Quan, Mathematics
Eagar, Benjamin Grant, Applied Mathematics
Edwards, Alivia, Chemistry
Eitenbichler, Samuel Paul**, Biology
Enos, Sierra Nichole, Chemistry
Erickson, Brandon Kay, Chemistry
Fadheel, Hala, Biology
Fajardo, Spencer Eduardo, Applied Mathematics
Faust, Caitlin Delaney, Biology
Ferron, Katherine MacKenzie, Chemistry
Fine, Elizabeth Anne, Chemistry
Francis, Geoffrey Austin*, Biology
Francisco, Michelle, Biology
Frazer, Joshua Tobias, Physics
Gallafent, Jessica, Biology
Garcia, Logan Karl, Physics Teaching
George, Tennyson Michael, Biology
Glover, Kason James, Chemistry
Godinez, Matthew Alec, Biology
Golub, David Brandon, Biology
Gonzalez, Melissa Yazmin, Chemistry
Gonzalez-Torres, Bryan Kayler, Biology

Goodwin, Austin Bradley, Chemistry
Gottling, Shylo Payton, Chemistry
Gray, Elliott Wayne, Chemistry
Green, Grace, Biology
Gregersen, Gage Curtis, Biology
Griffin, Jesse Russel, Chemistry
Griffiths, Peyton, Applied Mathematics
Griffiths, Peyton, Physics
Guerra Chan, Carlos Enrique, Applied Mathematics
Guo, Jilin, Mathematics
Guo, Jing, Mathematics
Halberg, Haley Catherine, Biology
Han, Je Hee, Chemistry
Harden, Allison Mae, Mathematics
Haroun, Fadi**, Biology
Harper, Julie Farr, Chemistry
Harper, Zachery Royal, Chemistry
Hartsfield, Kenneth Anthony, Physics
Hassoun, Saja Mohamad**, Biology
Hatzipolakis, Anna, Biology
Hawks, Aubrey Marie, Biology
Hazel, Lisa Marie, Chemistry
Hefner, Jonathan, Applied Mathematics
Hendricksen, Jordan, Mathematics
Hewitt, Alec Garrison, Physics
Higbee, Marissa A, Biology
Hill, Taylor Crosby, Biology
Hixon, Christopher Edward, Biology
Hodges-Heilmann, Chase B*, Mathematics
Houghton, Connor Christian Alexander, Mathematics
Howell, Corrine Elizabeth, Biology
Hubbard, Miles, Applied Mathematics
Iyer, Vignesh H, Mathematics
Jackson, John Frederick, Biology
Jacobsen, Laura Jane, Biology
Jee, Alexandra Midori, Mathematics
Jelte, Margaret, Biology
Jensen, Mariah, Biology
Jensen, Mckay David, Mathematics
Johnson, Danielle M, Physics
Johnson, Sean Leonard**, Applied Mathematics
Johnson, Sean Leonard**, Physics
Johnston, Davis G, Biology
Kadirova, Malika, Biology
Kaneko, Lindsey Alene, Physics
Kang, Ashley, Biology
Kanten, Drishti, Biology
Kanten, Drishti, Chemistry
Keefer, Nicholas Thomas, Physics
Kelley, Logan Thomas, Applied Mathematics
Kennedy, Devon, Biology
Kindall, Brianna Alejandra, Applied Mathematics
Kirby, Shelby Dawn, Biology
Kozel-Lopez, Sabrina Berta, Biology
Kraft, Kayla Maurie, Biology
Kuehl-Coe, Abbigail Victoria, Biology
Lamb, Dirk Jeffrey, Applied Mathematics
Landage, Rachel, Mathematics
Lang, Logan Mikel, Physics
Larsen, Ty, Biology
Lauren, Evelyn*, Mathematics
Le, Amelia, Applied Mathematics
Le, BaoMinh Dinh, Biology
Le, Evelyn T*, Mathematics
Lee, Hyelan*, Biology
Lee, Jeongmin, Chemistry
Lee, Mitchell, Applied Mathematics
Lee, Richard Hyo Jin, Chemistry
Leininger, Sara Jane*, Chemistry
Lemen, Michaela Reese, Biology
Lever, Alexis Ollivia, Applied Mathematics
Li, Yilei, Physics
Li, Yingyue, Chemistry
Li, Zhuowen, Biology
Liang, Aini, Mathematics
Liao, Yiman, Applied Mathematics
Liddiard, Meredith Allen, Biology
Liu, Sonia T, Biology
Losser, Madeline Elise, Mathematics
Lowry, Christina Marie, Chemistry
Luu, Kiana, Chemistry
Lybarger, Jordan Neal*, Physics
Madrigal, Andre Nicholas, Biology
Mainor, Hannah R, Biology
Manandhar, Abhilasha, Chemistry
Marshall, Sarah F**, Mathematics
Martineau, Joshua Michael, Chemistry
Martinez, Aaron Skylar, Mathematics
Martinez, Jeffrey Raymond, Chemistry
Matheson, Scott Alan, Biology
Matsuoka, Ayumi, Applied Mathematics
McKnight, Harrison Fellows, Chemistry
Meador, Samantha Butler, Biology
Mears, Breanna Elizabeth, Chemistry
Merkley, Steven Keli'ihanapule, Biology
Miller, Timothy J, Physics
Mineer, Austin Parker***, Chemistry
Montgomery, Michael Gregory**, Biology
Mosier, Delaney Q***, Mathematics
Moslander, Jay Paul, Applied Mathematics
Moynihan, Monica Jean, Mathematics Teaching
Mun, Jiyeon, Biology
Muranaka, Michael R**, Mathematics
Murray, Darian Catherine, Biology
Murray, Taylor J, Mathematics
Murthy, Sushmita, Mathematics
Nasser, Rebecca Mahogany, Mathematics
Nelson, Peter, Mathematics
Ngo, Michelle, Biology
Nguyen, Tien Tat, Chemistry
Nicholls, Connor Thomas, Applied Mathematics
O'Brien, Christopher Ian, Biology
Oberger, Parker Jackson, Mathematics
Odette, Madeleine Mele, Chemistry
Ohlson, David Clark, Physics
Olson, Haley, Biology

Onyeagba, Junior, Biology
Orgill, Stephanie, Mathematics
Orme, Ashlynn Chanel, Biology
Orton, Nikolas David, Biology
Pablito, Dominique N, Chemistry
Parkin, Steven Gregory, Physics
Patel, Jankiben H., Chemistry
Patel, Nisha Rakesh, Biology
Patel, Shalin Pankaj, Physics
Payne, Emily Anne, Biology
Peek, Julia Katherine, Mathematics
Pendleton, Heather Lizethe, Biology
Peng, Shiji, Applied Mathematics
Penman, Jourdan Brian, Biology
Perez, Erik, Chemistry
Peterson, Andrew, Physics
Peterson, Kaisen Carl, Applied Mathematics
Pfaff, Amanda Morgan, Physics
Pham, Jennie, Chemistry
Phan, Hanthao Thi**, Biology
Phero, Anthony L**, Chemistry
Pick, Christina Paige*, Mathematics
Pizarro-Krkljus, Marina Catherine, Biology
Porter, Faye Ann*, Mathematics Teaching
Potter, Jared, Biology
Powell, Benjamin Mark John, Physics
Przybyla, Bailey Maki, Chemistry
Quintana, Rolando Jacob, Mathematics
Raber, Matthew S, Biology
Radman, Thomas Martin, Mathematics
Rajamani, Vidya Jansi, Biology
Raleigh, Christopher Mark, Physics
Ramirez, Ulysses, Applied Mathematics
Ramyar, Nadia, Mathematics
Reelitz, Jordan William, Chemistry
Reeves, Alison Nicole, Biology
Repetto, Mayra Camille, Biology
Rich, Coulson Palmer, Biology
Richards, Zeke*, Biology
Riker, Veronica R, Mathematics Teaching
Roa, Benjamin Albert, Biology
Roberts, Seth M, Physics
Rocha, Gabriela, Biology
Rodeback, Jacob Brian, Biology
Rodriguez, Francisca Ester, Biology
Rosenlof, Richard Arvin, Biology
Rosson, Alexis Ann, Biology
Rumsey, Madison Marie, Biology
Russell, Taylor Ashley, Biology
Sabels, Joshua, Chemistry
Salazar, Laura Pauline, Biology
Saleh, Noor, Biology
Sanders, Nathan O, Biology
Sanz, Enoch John, Mathematics
Saxton, Slade Mccoy, Biology
Schaerr, Madison, Mathematics
Schwab, Sabrina Nicole***, Biology
Scofield, Athan Mccloud, Biology
Shamo, Mathew Mckay, Biology
Sharp, Evan Neville*, Biology
Shea, Richard Parker, Biology
Sherwood, Scott Anthony, Mathematics
Shipman, Paige Alexis, Biology
Siler, Abbey Nicole, Biology
Simpson, Aiden Jon, Biology
Simpson, Brandyn Forrest, Applied Mathematics
Siripathane Castro, Yasmeen Hilda, Biology
Siripong, Minta, Biology
Slemboski, James Dryden, Chemistry
Slocum, Ethan, Biology
Sogne, Matteo, Mathematics
Sol, Charnwoo, Chemistry
Song, Ruoyu, Chemistry
Song, Yingqi, Mathematics
Spangler, Lorrin Erma, Biology
Sperry, Liza Zenger*, Biology
Springer, Serin Kareen, Mathematics
Stanley, Jessica Amanda, Biology
Stender, Marli Elizabeth, Chemistry
Stoddard, Adam Michael, Biology
Stokes, Kathryn Anne*, Biology
Stolworthy, Chase Reed, Applied Mathematics
Tadje, Jacob M*, Biology
Tahmassebipour, Cody A, Biology
Tan, Wenhua, Biology
Tang, Alex Wenlue, Chemistry
Tang, Susanna An*, Chemistry
Terreros, Eduardo Nicolas, Chemistry
Terry Weatherly, Connor Kayson, Chemistry
Tervet, Lauren Ella, Chemistry
Thomas, Jamie Cope, Biology
Thomas, Kyle B, Chemistry
Thomson, William Bradon, Biology
Timothy, Spencer, Mathematics
Todd, Henry N**, Biology
Toeun, Camiryn Charla**, Mathematics
Tomlin, Allyssa Blayde, Chemistry
Torres, Hector L, Chemistry
Tran, Tina, Biology
Tran, Tina, Chemistry
Tribe, Emily Frances, Biology
Truong, Daisy Dieu, Biology
Turner, Jeffrey Emil, Biology
Tyler, Emily Erica, Chemistry
Vance, David Nicholas, Biology
Velasquez, Natasha, Biology
Voll, Emily Maureen, Biology
Vowles, Betty L, Biology
Wadlington, Thomas Jefferson, Applied Mathematics
Wan, Cheuk-Yin, Chemistry
Wang, Jianxing, Chemistry
Warner, Cody Erich, Biology
Watts, Brianna Nicole, Biology
Weese, Stockton James, Mathematics
Wheeler, Edward August, Biology
Whipple, Zachary Lee, Chemistry

Wilson, Keascha Yvette, Chemistry
Wilson, Shaylyn Larae, Chemistry
Winegar, Andrew James, Chemistry
Winegar, Olimpia Okamura, Chemistry
Wintle, Ashley J, Biology
Wolff, Amber Marie-Kathleen, Biology
Wride, Adrian Scott, Applied Mathematics
Wright, Elizabeth Marie, Physics
Yang, Seoyeon, Mathematics
Yao, Ruoxin, Biology
Yao, Yuhui**, Mathematics
Yates, Taylor Nicole, Mathematics
Yeager, Sage Alexander, Mathematics
Yeager, Sage Alexander, Physics
Yeakey, Ean P, Biology
Yu, Li, Mathematics
Zagorec-Marks, Chase A***, Mathematics
Zagorec-Marks, Chase A***, Physics
Zhang, Pengju, Applied Mathematics
Zhang, Pengju, Chemistry
Zhao, Tuo, Applied Mathematics
Zou, Shuaikun, Mathematics

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

Crystal, Katrina, Anatomy and Physiology
Dees, Haley Lovejoy, Anatomy and Physiology
Gifford, Carson Wayne*, Anatomy and Physiology
Kuo, Keith Timothy, Anatomy and Physiology
Mcdowell, Jamie M, Behavioral Neuroscience
Riddle, Alexis Victoria, Anatomy and Physiology
Rideout, Elizabeth Lyn, Wildlife Ecology and
Conservation
Salmond, Lydia Camille, Anatomy and Physiology
Tobin, Keigan Michael Hager, Anatomy and Physiology

Certificates

**Candidate for the
Graduate Certificate in Nanotechnology**

Stevenson, Peter Rulon

**Candidates for the
Honors Certificate**

Azadpour, Elmera
Kareem, Asal Muayad
Kendell, Spencer Kurtis
Lybarger, Jordan Neal
Mack, Harper Sage
Peek, Julia Katherine
Rahmati, Kasra
Zarbock, Kort James
Zhu, Julia

Commissions

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

Pfaff, Amanda Morgan
Reeves, Alison Nicole
Thomas, Kory Cooper

Honor Societies

**Student Elected to the
Honor Society of Beta Alpha Psi**

Le, Evelyn T

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

Archibald, Monica Hills
Blair, Hailey Rebecca
Cantrell, Rachel Lou-Lavonne
Edwards, Alivia
Hudac, Jacob Stanton
Kuo, Keith Timothy
Martineau, Jason T
Scholl, Wallis Elaine
Zarbock, Kort James

**Students Elected to the
Honor Society of Mortar Board**

Currie, Amanda Marie
Rocha, Gabriela
Sperry, Liza Zenger

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

Carrington, James Truart
Fine, Elizabeth Anne
Stokes, Maria S

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

Bergsten, Galen J
Bernardo, Madeline F
Bowser, Zachary Bryan
Bull, August John
Carver, Jessica Lee
Chung, Brandon Ho-Kuen
Currie, Amanda Marie
Curtis, Kaili Breann
Davenport, Kevin Ray
Edwards, Alivia
Faust, Caitlin Delaney
Hubbard, Miles
Jacobsen, Allison Lee
Jee, Alexandria Midori
Kelley, Logan Thomas
Kendell, Spencer Kurtis

Ly, Kellsey
Meador, Samantha Butler
Mears, Breanna Elizabeth
Mosier, Delaney Q
Patel, Jankiben H.
Siripathane Castro, Yasmeen Hilda
Thompson, Lauren Ruth

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

Archibald, Monica Hills
Shea, Richard Parker
Sperry, Liza Zenger

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

Jee, Alexandra Midori
Johnson, Dylan Parnell Giovanni
Marshall, Sarah F
Mosier, Delaney Q
Oberg, Parker Jackson

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

Ambrosini, Antonella
Bingham, Brittnee Nicole
Dobrzanski, Claire Marie
Draper, Logan Joseph
Draper, Travis Gilbert
Edwards, Alivia
Gallafent, Jessica
Hayes, Elizabeth
Houghton, Connor Christian Alexander
Kelley, Logan Thomas
Kuo, Keith Timothy
Murray, Darian Catherine
Penman, Jourdan Brian
Salazar, Laura Pauline
Sogne, Matteo
Tadje, Jacob M
Tan, Wenhua
Wolff, Amber Marie-Kathleen

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

Newbold, Michael David
Rou, Janvida April

Scholars

**Candidates for
Undergraduate Research Scholar**

Barnick, Kelsey Anne
Bergsten, Galen J
Blair, Hailey Rebecca
Brammer, Brianna
Cannon, Austin Thales

Cantrell, Rachel Lou-Lavonne
Deniro, Gabriel I.
Gallafent, Jessica
Griffin, Jesse Russel
Guo, Jing
Haroun, Fadi
Hayes, Elizabeth
Jones, Kathryn Kinsi
Kadirova, Malika
Kareem, Asal Muayad
Kirby, Shelby Dawn
Lee, Richard Hyo Jin
Ly, Kellsey
Ngo, Michelle
Odette, Madeleine Mele
Peek, Julia Katherine
Phero, Anthony L
Rosas, Ana M
Siripong, Minta
Stokes, Kathryn Anne
Tang, Susanna An
Tervet, Lauren Ella
Thompson, Lauren Ruth
Zarbock, Kort James

***Summa Cum Laude

**Magna Cum Laude

*Cum Laude

**CANDIDATES FOR DEGREES WHOSE NAMES APPEAR IN THIS SECTION ARE APPLICANTS FOR SUMMER 2020
GRADUATION AS OF MARCH 1, 2020**

**Candidates for the
Degree of Doctor of Philosophy**

Agarwal, Megha, Physics
Altavilla, Matteo, Mathematics
Boles, Georgia Caitlin, Chemistry
Browning, Megan Elizabeth, Chemistry
Bruders, Rebecca Lynn, Biology
Childers, Kevin Ronald, Mathematics
Cooper, Amanda Nicole, Biology
Dirnfeld, Pinches, Mathematics
Fedak, Elizabeth Amy, Mathematics
Gupta, Shilpa, Biology
Herman, Jordan M, Biology
Hill, Samantha, Mathematics
Hujber, Edward John, Biology
Huynh, Peter Ngoc, Biology
Kim, Hyunjoong, Mathematics
Klingler, Jeremy Joseph, Biology
Lang, Sabine Jessica, Mathematics
Motamedi, Shahrzad, Biology
Naullage, Pavithra Madhavi, Chemistry
Noble, Katherine, Biology
Nurbavliyev, Sergazy, Mathematics
Pechetti, Renuka, Physics
Reader, Lindsey Lee, Biology
Sorensen, Jason Joshua, Chemistry
Stark, Derek Lee, Biology
Vickrey, Anna Isabelle, Biology

**Candidates for the
Degree of Master of Science**

Alex, Bryce Gary, Biology
Niketic, Dara Luise, Biology
Tennahewa, Taniya-Hansika, Physics
Wang, Ren-Bo, Physics

**Candidate for the
Degree of Master of Science and Technology**

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

Kelson-Packer, Cole L, Physics
Mahoney, Brennan D, Biology

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

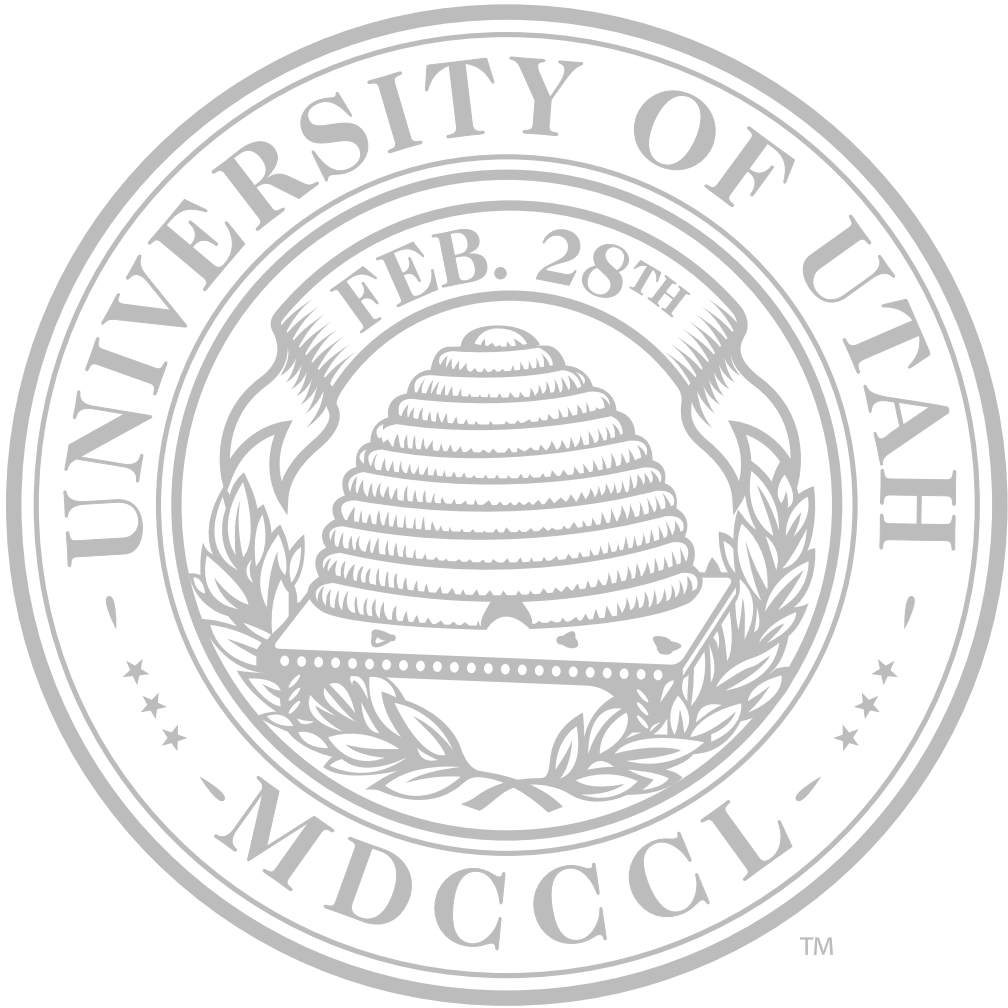
Al-Shawbaki, Shams Faisal Ali, Biology
Williams, Adam Philip, Biology

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

Alex, Bryce Gary, Biology
Chou, Yun-Chung, Applied Mathematics
Collins, Delaney Christine, Biology
Cortez Altamirano, Alejandra, Biology
DeNiro, Adara, Biology
Dickson, Adam Christopher, Biology
Gholami, Sawson, Mathematics
Greenburg, Caitlyn, Biology
Greenburg, Caitlyn, Chemistry
Jakob, Jeremy Max, Mathematics
Johnson, Tanner Chris, Mathematics
Johnston, Erin Taylor, Chemistry
Jordheim, Guro, Mathematics
Le, Hai Chau Ngoc, Biology
Lines, Aubry Celeste, Physics
Melkonian, Nicole A, Mathematics
Nguyen, Emily Nhat Bao, Biology
Nguyen, Jolina Duyen Dinh, Chemistry
Parks, Sarah E, Biology
Patel, Sonam Sanjay, Biology
Peppel, Maxwell Wiley, Physics
Pratt, Ryan Done, Mathematics
Reynolds, Andi Cabri Shyan, Biology
Riding, Suzanne Marie, Mathematics
Shields, Daniel Lewis, Mathematics
Spencer, Samantha Opal, Chemistry
Warren, Sydney Elle, Biology

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

Dzieszko, Claudia, Anatomy and Physiology



**Candidates for degrees whose names appear in this program
were applicants for graduation as of March 1, 2020.**