

Arizona State University Commencement and Convocation Program

Spring 2019 May 4–10, 2019

THE NATIONAL ANTHEM THE STAR-SPANGLED BANNER

O say can you see, by the dawn's early light, What so proudly we hailed at the twilight's last gleaming? Whose broad stripes and bright stars through the perilous fight O'er the ramparts we watched, were so gallantly streaming? And the rockets' red glare, the bombs bursting in air Gave proof through the night that our flag was still there. O say does that Star-Spangled Banner yet wave O'er the land of the free and the home of the brave?

ALMA MATER ARIZONA STATE UNIVERSITY

Where the bold saguaros Raise their arms on high, Praying strength for brave tomorrows From the western sky; Where eternal mountains Kneel at sunset's gate, Here we hail thee, Alma Mater, Arizona State. *—Hopkins-Dresskell*

MAROON AND GOLD

Fight, Devils down the field Fight with your might and don't ever yield Long may our colors outshine all others Echo from the buttes, Give em' hell Devils! Cheer, cheer for A-S-U! Fight for the old Maroon For it's Hail! Hail! The gang's all here And it's onward to victory!

Students whose names appear in this program have completed degree requirements.

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MISSION STATEMENT UNIVERSITY COMMENCEMENT

University Commencement represents the culmination of a student's academic achievement.

It is a time of celebration and reflection for students, families, friends, faculty and staff. It brings together a diverse community to share in the joy of accomplished goals. Arizona State University continually demonstrates its dedication to efficiency, technology and sustainability. The full University Commencement program is made available online at graduation.asu.edu/commencement_programs.

> This change aligns with our growing institutional efforts to enhance sustainability practices, and our broader endeavors to employ technology in heightened service to our students.

To order additional copies of this program, email your request to ASUCommencement@rrd.com and someone will respond with payment instructions and order details.

MESSAGE FROM THE ARIZONA BOARD OF REGENTS

Dear Graduates,

On behalf of the Arizona Board of Regents, we would like to offer our sincere congratulations on your graduation. Your dedication, persistence and discipline led to this amazing milestone. We are proud of you and commend you for your hard work. You deserve every accolade you will receive this day.

Graduation unlocks a world of new possibilities. Your degree will only grow in value and will serve you throughout your life. As you embark on the next stage of your journey, you will be well prepared to navigate challenges that may be encountered along the way. You have opened the door to a brighter future for yourself and for all of those in your life.

The board is proud that you chose to pursue your degree at Arizona State University, and we hope your achievement today is not viewed as an arrival at a destination, but rather as a gateway to lifelong learning as you travel the many paths life offers. We invite you to join the thousands of Sun Devils who continue as members of this great university community. Your continued association with our university will enhance your life and improve ASU, creating new opportunities for the next generation of students.

Above all, enjoy this milestone. We are pleased to have played a part in your journey, and we have every confidence you will succeed in whatever path you choose.

Sincerely,

John Arnold Executive Director

Ron Shoopman Chair

GRADUATE COMMENCEMENT PROGRAM

Monday, May 6, 2019, 9:00 a.m. Wells Fargo Arena, ASU Tempe campus

PRELUDE

Music performed by ASU Wind Orchestra Gary W. Hill, Conductor Professor of Music/Director of Bands School of Music Herberger Institute for Design and the Arts

PROCESSIONAL

Grand Marshal Donna Caltado, PhD Clinical Professor, College of Health Solutions President, University Senate Chair, University Academic Council Arizona State University

PROCESSIONAL MUSIC

Pomp and Circumstance March No. 1 — Sir Edward Elgar Music performed by ASU Wind Orchestra

THE NATIONAL ANTHEM

"The Star-Spangled Banner" — Francis Scott Key Arranged by Henry Fillmore Julia Swan Laird Master of Music, Opera Performance

GREETINGS

Michael M. Crow, PhD President of the University Welcome from Arizona Board of Regents

CONFERRING OF DEGREES Michael M. Crow, PhD

THE ALMA MATER

Julia Swan Laird Master of Music, Opera Performance

RECESSIONAL

ASU Wind Orchestra Gary W. Hill, Conductor

UNDERGRADUATE COMMENCEMENT PROGRAM

Monday, May 6, 2019, 7:30 p.m. Sun Devil Stadium, ASU Tempe campus

PRELUDE

"Renaissance Dances" - Tylman Susato

PROCESSIONAL

Grand Marshal Donna Caltado, PhD Clinical Professor, College of Health Solutions President, University Senate Chair, University Academic Council Arizona State University

PROCESSIONAL MUSIC

Pomp and Circumstance March No. 1 — Sir Edward Elgar Music performed by Sonoran Brass Choir

THE NATIONAL ANTHEM

"The Star-Spangled Banner" — Francis Scott Key Arranged by Henry Fillmore Caelan Creaser, Bachelor of Music in Musical Theatre Minor in Communications

GREETINGS

Michael M. Crow, PhD President of the University Welcome from Arizona Board of Regents

WELCOME FROM THE ALUMNI ASSOCIATION

Theresa R. Gulbranson, BS Chair of the Alumni Association Board of Directors

> CONFERRING OF DEGREES Michael M. Crow, PhD

THE ALMA MATER

Caelan Creaser, Bachelor of Music in Musical Theatre Minor in Communications

RECESSIONAL

Sonoran Brass Choir

HISTORY OF HONORARY DEGREES

Harvard was the first university to confer honorary degrees in 1692. Since then it has become a recognized function of degree granting institutions. Honorary degrees are an opportunity for universities to single out people who have made contributions to society. At ASU, honorary degree recipients are nominated by faculty members. The six-member Academic Affairs Honorary Degrees Committee reviews faculty nominations for the Honorary Degree. It then recommends candidates to the president. The committee is appointed by and responsible to the president.

Name	Commencement or Convocation	Name	Commencement or Convocation
Frederick M. Irish	May 28, 1940	John Hope Franklin	June 3, 1969
Arthur John Matthews	May 28, 1940	Frank Borman	June 3, 1969
Charles A. Stauffer	May 22, 1951	Charles Stewart Mott	Jan 13, 1970
Samuel Henry Morris	May 26, 1953	Ernest J. Hopkins	June 2, 1970
Ira Dawson Payne	May 26, 1953	George Homer Durham	June 1, 1971
Abraham Lincoln Krohn	May 24, 1955	Richard A. Harvill	June 1, 1971
Arthur Ervin Smith	May 24, 1955	Arthur B. Schellenberg	June 1, 1971
Alfred Knight	May 29, 1956	Pablo Casals	Mar 30, 1972
Harvey Leslie Taylor	May 29, 1956	Raul H. Castro	June 2, 1972
Daniel Earl Noble	May 28, 1957	O.D. Miller	June 2, 1972
Howard Pyle	May 28, 1957	Paolo Soleri	May 18, 1973
Walter Reed Bimson	May 27, 1958	Ernest W. McFarland	May 18, 1973
John Cromwell Lincoln	May 27, 1958	Paul Rappaport	May 17, 1974
Carl Sauer	May 27, 1958	Hugh Downs	May 17, 1974
Carlos P. Garcia	June 25, 1958	Herbert G. Fales	May 16, 1975
Eugene Collins Pulliam	May 26, 1959	Robert W. Galvin	May 16, 1975
Carl Hayden	Nov 14, 1959	Mae S. Talley	May 14, 1976
John Robert Murdock	May 31, 1960	John J. Rhodes	May 14, 1976
Barry Morris Goldwater	May 30, 1961	Louise Lincoln Kerr	May 13, 1977
George W. Romney	June 5, 1962	Bart Jan Bok	May 19, 1978
Linton Elias Grinter	June 5, 1962	Henry Eyring	May 19, 1978
Walter Early Craig	June 4, 1963	David C. Lincoln	May 18, 1979
Lynn Meade Laney	June 4, 1963	Erma Bombeck	May 16, 1980
Harvey Harlow Nininger	June 4, 1963	Vincent Persichetti	May 16, 1980
Lillian Moller Gilbreth	May 26, 1964	Paul L. Singer	May 16, 1980
Julius Charles Wetzler	May 26, 1964	Robert Penn Warren	Apr 21, 1980
Stewart Lee Udall	June 1, 1965	Philip C. Curtis	May 15, 1981
George Fuller Miller	June 1, 1965	Herb and Dorothy McLaugh	lin May 15, 1981
John Alfred Hannah	May 27, 1966	Steve Allen	May 14, 1982
James Bryon McCormick	May 27, 1966	Fredi Chiappelli	May 14, 1982
Harold David Richardson	May 26, 1967	James Dickey	May 14, 1982
Robert Jeffrey Hannelly	May 26, 1967	Alan duBois	May 14, 1982
Karl Clayton Leebrick	May 26, 1967	Mstislav Rostropovich	Aug 6, 1982
Lewis Judah Ruskin	June 4, 1968	Martha Graham	Oct 17, 1982
Harlan Cleveland	June 4, 1968	Tom Chauncey	May 15, 1983

Name	Commencement or Convocation	Name	Commencement or Convocation
G.M. Sollenberger	May 15, 1983	Rose Mofford	May 11, 1994
Sandra Day O'Connor	May 11, 1984	Herman Chanen	May 11, 1994
James William Creasman	May 11, 1984	Keith Turley	Aug 5, 1994
Leontyne Price	Mar 8, 1985	Virginia Ullman	Aug 5, 1994
Edward F. Albee	May 17, 1985	Maxine Marshall	Dec 14, 1994
William A. Fowler	May 17, 1985	Jonathan Marshall	Dec 14, 1994
Northurp H. Fry	May 17, 1985	Margaret Gisolo	Dec 14, 1994
Kathryn K. Gammage	May 17, 1985	Edward Bud Jacobson	May 14, 1995
William G. Payne	May 17, 1985	Rita Dove	May 14, 1995
Edward J. Dwight, Jr.	May 16, 1986	Ernest Boyer Florence Nelson	May 14, 1995
Sylvia Porter John I. Yellott	May 16, 1986 Aug 8, 1986	William S. Shover	Aug 10, 1995 May 10, 1996
William Reilley	Nov 7, 1986	Gary L. Tooker	May 10, 1990 May 10, 1996
Henry Cisneros	Dec 19, 1986	Frank J. Sackton	Aug 9, 1996
Frank Snell	May 15, 1987	Chang-Lin Tien	Dec 20, 1996
Gerald Wasserburg	May 15, 1987	John F. Long	Dec 20, 1996
Virginia Galvin Piper	May 15, 1987	Paul J. Fannin	May 16, 1997
MoUdall	Aug 7, 1987	Jack W. Whiteman	May 16, 1997
Kax Herberger	Aug 7, 1987	Newton Rosenzweig	Aug 8, 1997
Edson W. Spencer	Dec 18, 1987	John P. Frank	Dec 19, 1997
Robert S. Dietz	May 13, 1988	Craig R. Barrett	May 15, 1998
Robert J. Eggert	Aug 5, 1988	Wm. Polk Carey	Aug 7, 1998
Jovita R. Salonga	Dec 16, 1988	Norman William Fain	Dec 18, 1998
Art Buchwald	Dec 16, 1988	Leon Howard Sullivan	Dec 18, 1998
Walter Cronkite	May 12, 1989	Eddie Basha	May 14, 1999
Lorraine Frank	May 12, 1989	Raul Yzaguirre	May 14, 1999
William Kajikawa	Aug 5, 1989	Alfredo Gutierrez	Dec 17, 1999
Pearl Bailey	Dec 22, 1989	Craig E. Weatherup	Dec 17, 1999
Rabbi Albert Plotkin	Dec 22, 1989	Barbara McConnell Barrett	
Yuan T. Lee	May 11, 1990	Rudy E. Campbell	May 11, 2000
G. Robert Herberger Frank X. Gordon	May 10, 1991	Nadine Severns Carson Lamonte H. Lawrence	Aug 4, 2000
Cesar Chavez	Dec 8, 1991		Aug 4, 2000
Tony Hillerman	May 11, 1992 May 11, 1992	L. Roy Papp Marilyn A. Papp	Dec 14, 2000 Dec 14, 2000
Alan Pritsker	May 11, 1992 May 11, 1992	L. William Seidman	Dec 14, 2000
Willard Pedrick	May 11, 1992 May 11, 1992	Alice Wiley Snell	May 10, 2001
Marvin Morrison	Aug 11, 1992	Richard Berlin Snell	May 10, 2001 May 10, 2001
Karsten Solheim	Dec 18, 1992	Robert H. Johnson	Aug 3, 2001
Louise Solheim	Dec 18, 1992	Delbert Ray Lewis	Dec 13, 2001
Daniel Nagrin	Dec 18, 1992	Jewell McFarland Lewis	Dec 13, 2001
Dwight Patterson	May 11, 1993	Jerry Colangelo	May 9, 2002
Jesse Jones	May 11, 1993	Rex G. Maughan	May 9, 2002
Polly Rosenbaum	May 11, 1993	John R. Cristian	Aug 2, 2002
Edward Carson	Aug 10, 1993	Bob Stump	Dec 19, 2002
Paul Elsner	Dec 14, 1993	Rita R. Colwell	May 13, 2004

Name	Commencement or Convocation	Name	Commencement or Convocation
Rafael Rangel Sostmann	May 13, 2004	Eric R. Kandel	May 2, 2012
Lawrence Douglas Wilder	May 13, 2004	Lim Chuan Poh	May 2, 2012
Peterson Zah	May 12, 2005	Janine M. Benyus	May 9, 2013
Blake Edwards	Sep 23, 2005	Clayton M. Christensen	May 9, 2013
Lord John Browne	Dec 15, 2005	Juan Ramón de la Fuente	May 9, 2013
Kim Campbell	Dec 15, 2005	Freeman A. Hrabowski, III	May 14, 2014
Frank H. T. Rhodes	May 11, 2006	Pamela A. Matson	May 14, 2014
Wu Qidi	May 11, 2006	Joseph E. Stiglitz	May 14, 2014
Jane Dee Hull	Dec 14, 2006	Carolyn Porco	May 11, 2015
J. Craig Venter	May 10, 2007	John Seeley Brown	May 11, 2015
Leland H. Hartwell	Dec 13, 2007	Sir William Castell LVO	May 9, 2016
James J. Duderstadt	May 8, 2008	Wendy Kopp	May 9, 2016
Tom Brokaw	May 2, 2012	Howard Schultz	May 8, 2017
Temple Grandin	May 2, 2012	L. Rafael Reif	May 7, 2018

HONORARY DEGREE CITATION

DAVID BROOKS

He began his media career as a police reporter – a beat that can be exciting and exhilarating at times and both routine and mundane – for a news service in Chicago serving both the iconic Chicago Tribune and the storied Chicago Sun-Times. Today he's a political analyst, frequent commentator on television and radio news programs including the PBS "*NewsHour*," NBC's "*Meet the Press*," and NPR's "*All Things Considered*," and an Op-Ed columnist at The New York Times. Beyond his role in the media, the best-selling author has taught at Yale University in the Jackson Institute for Global Affairs and Duke University's Terry Sanford Institute of Public Policy.

Brooks' writing career began in college while at the University of Chicago when he was a frequent contributor to campus publications with reviews and satirical pieces. After graduation, he went to work for City News Bureau covering crime for Chicago's two largest daily newspapers. After a number of years, he applied and accepted an internship with the National Review, a magazine founded and led by renowned conservative William F. Buckley Jr. After the internship, Brooks went to the Hoover Institute at Stanford University and then onto a nine-year stint at The Wall Street Journal, where he served various roles including book review editor, film critic, Brussels correspondent, and Op-ed editor. In 1995, he left to become a senior editor at The Weekly Standard.

Brooks received the 2011 Report of Social Issues Award from the American Sociological Association for exploring core sociological themes as social capital, status, trust, embeddedness, and the impact of social structures on life changes. He has received honorary degrees from Williams College, New York University, Brandeis University and Occidental College. He also has established an awards program, The Sidney Awards, in honor of philosopher Sidney Hook to recognize the best political and cultural journalism.

Brooks serves on the Board of Directors for the New America, a non-partisan think tank focusing on a range of public policy issues. He also serves as a member of the American Academy of Arts & Sciences, one of the nation's oldest learned societies and independent policy research centers addressing critical challenges facing today's global society. In 2012, Brooks was elected to the University of Chicago Board of Trustees. He also has served on The University of Chicago Institute of Politics Board of Advisors and has served as an Executive Director with the Aspen Institute. As the current Executive Director of Weave, The Social Fabric Project, Brooks leads the Aspen Institute's initiative focused on the challenges of social fragmentation, the rise of distrust and incivility. Weave serves to illuminate and learn from projects, people and organizations positively impacting the world and link them together.

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As an author, Brooks takes a unique view of American life. In 2000, he published his first book, "Bobos in Paradise: The New Upper Class and How They Got There," about "bobos," a concept that combines bourgeois with bohemian culture. Brooks examined this concept of bobos in America in the information age. Throughout the book, Brooks compares the mid-1990s America to the 1950s, when the country experienced the final decade of the industrial age followed by a period of explosive college enrollment. In his next book, "On Paradise Drive: How We Live Now (and Always Have) In the Future Tense," Brooks delves into the social anthropology of the American middle class. Almost a sequel to his first book, he discusses mobility and optimism of the American culture. Brooks' third book, "The Social Animal: The Hidden Sources of Love, Character, and Achievement" debuted at No. 1 on The New York Times bestseller list and reached No. 3 on the Publishers Weekly bestseller list for non-fiction books. In this book, Brooks addresses unplanned change and challenges the stereotypes of American suburbs. Through his use of two fictional characters, Brooks illustrates social mobility and success of life in America impacted by policy and politics. In his fourth book, "The Road to Character," Brooks examines the lives of great thinkers and leaders including Dwight D. Eisenhower, Frances Perkins and George Marshall. The historical overview of these men and women illuminates various paths to a life of great character and depth. Brooks begins with a look at the contrasts between resume virtues and eulogy virtues, professional accomplishments listed on a resume and characteristics of a virtuous life eulogized at a funeral. Brooks released his fifth book in April 2019. "The Second Mountain: The Quest for a Moral Life" addresses the four commitments that define a life of meaning and purpose to lead a more meaningful life.

Brooks began his professional career as a journalist reporting on law enforcement and crime in one of America's largest cities. During his time with The Wall Street Journal, he was stationed in Brussels for more than four years covering Russia, the Middle East, South Africa and European affairs. Throughout his media career, he has contributed to some of the nation's most high profile publications and news outlets including The New Yorker and The Atlantic Monthly. As a political commentator and analyst, he's been a model of conservatism and moderatism.

Arizona State University is honored to confer upon David Brooks the degree of Doctor of Humane Letters, *honoris causa*, in recognition of his contributions to social sciences, the humanities and American democracy.

CONFERRING OF DOCTORAL DEGREES

PRESIDENT MICHAEL M. CROW

ALFREDO J. ARTILES Dean, Graduate College

TAMARA UNDERINER Associate Dean Graduate College ENRIQUE R. VIVONI Associate Dean Graduate College

DOCTOR OF PHILOSOPHY

Erica Gabriela Acevedo-Ontiveros

- Theatre (Theatre/Performance Americas) Dissertation: Olé You Guys: Flamenco Influences on Chicanx Identity in New Mexico Chair: Tamara Lou Underiner, Graduate College
- Alex Pierre Rivadeneira Acosta Economics Dissertation: Essays in Economic Development Chair: Gustavo Jaime Ventura, W. P. Carey School of Business, Economics

Francis Frederick Kwaku Agbemade Spanish Dissertation: Del Orientalismo a la Rehistorización Afrocaribeña en Alejo Carpentier: Nuevo Conocimiento Literario del Siglo XX Chair: Emil Volek, School of International Letters and Cultures

Ahmed Abdulrazzaq Ahmed Civil,

Environmental and Sustainable Engineering Dissertation: Optimization Models for Iraq's Water Allocation System Co-Chairs: Larry W. Mays, School of Sustainable Engineering and the Built Environment; Peter Fox, School of Sustainable Engineering and the Built Environment

Turki Rakan M J Alajmi Mechanical

Engineering

Dissertation: Kuwait Residential Energy Outlook Modeling the Diffusion of Energy Conservation Measures Chair: Patrick E. Phelan, School for Engineering of Matter, Transport and Energy

Hasan Hadi Kraidi Albo-Salih Civil,

Environmental and Sustainable Engineering Dissertation: An Optimization-Simulation Two-Dimensional Model for Optimal Operating of River-Reservoirs Systems Under Flooding Conditions in Real-Time Chair: Larry W. Mays, School of Sustainable Engineering and the Built Environment Katherine Diane Alford English (English Education)

Dissertation: Writing Together: A Study of Secondary ELA Preservice Teachers Participating in Peer Writing Communities Chair: Jessica Singer Early, English

Ziyad Ghazai M Alharbi Electrical

Engineering Dissertation: Design and Performance Analysis of Functional Split in Virtualized Access Networks Chair: Martin Reisslein, School of Electrical, Computer, and Energy Engineering

Mekhlid Owaidh M Alsaeedi Linguistics

and Applied Linguistics

Dissertation: Existential and Negative Existential Constructions in Arabic: Typology and Syntax Chair: Elly Van Gelderen, English

Yousef A H M E Alsayegh Music

(Music Education) Dissertation: An Investigation of String Project Teachers' and Directors' Perspectives on the Skills Behaviors Important for String Teaching Chair: Margaret Emily Schmidt, School of Music

Rua E M S Alshaheen Design, Environment and the Arts (Design) Dissertation: Post-Zoo Design: Alternative

Futures in the Anthropocene Chair: Renata Hejduk, The Design School

Salma Abdullah Saleh Al Yazeedi

Nursing and Healthcare Innovation Dissertation: Alone in the Crowd: Loneliness, its Correlates and Association to Health Status Among Omani Older Adults Chair: Karen Sue Marek, College of Nursing and Health Innovation

Nethmi Kanchana Ariyasinghe Physics Dissertation: Biophysical Characterization of Cancer Cell Phenotypes Chair: Robert Ros, Physics Department

Yaiyr Astudillo-Scalia Environmental

Life Sciences

Dissertation: Evaluating the Use of Surrogates of Marine Mammal Species Representation in Biodiversity Conservation Planning Co-Chairs: Fabio Suzart de Albuquerque, College of Integrative Sciences and Arts; Pierre Deviche, School of Life Sciences

Indrajit Bandyopadhyay Chemistry

Dissertation: Phenothiazine Analogues as Therapeutic Agents for Friedreich's Ataxia and Multifunctional Radical Quenchers and their Electrochemical Analysis by Indrajit Bandyopadhyay Chair: Sidney Michael Hecht, Biodesign Institute

Joseph Eugene Barbour Psychology Dissertation: Intrapersonal Culture Clash: The Effect of Cultural Identity Incongruence on Decision-Making Chair: Adam Cohen, Psychology

Cassandra Madelief Barrett Biological Design

Dissertation: Engineering Open Chromatin with Synthetic Pioneer Factors: Enhancing Mammalian Transgene Expression and Improving Cas9-Mediated Genome Editing in Closed Chromatin Chair: Karmella Haynes, School of Biological and Health Systems Engineering

Michael A. Beauregard Construction Management

Dissertation: Maintaining Performance: Evidence-Based Educational Facility Management Through A Decision-Support Tool Leveraging Prior Empirical Research Chair: Steven Ayer, School of Sustainable Engineering and the Built Environment

Jacob Bethem Sustainability

Dissertation: Reinventing Energy Ethics Chair: Tyler Christopher DesRoches, School of Sustainability

Alireza Boloori Industrial Engineering

Dissertation: Data-Driven Decision Making for Medications Management Modalities Co-Chairs: John Fowler, W. P. Carey School of Business, Supply Chain Management; Soroush Saghafian, School of Computing, Informatics, and Decision Systems Engineering

James Ross Bowen Journalism and Mass Communication

Dissertation: Six Post 9/11 American War Films: A Textual Analysis of the Construction of Masculinity Chair: Dennis Eugene Russell, Walter Cronkite School of Journalism and Mass Communication

Reagan Styles Breitenstein Psychology Dissertation: Genetic and Environmental Influences on Associations Among Multiple Sleep Parameters, Weight Indicators and Weight Status, and Effortful Control in Young Twins Chair: Leah D. Doane, Psychology

George Arthur Brusch IV Biology

Dissertation: Water as a Physiological Currency: Hydration State Impacts Immune Function, Metabolic Substrates, and Reproductive Investment Chair: Dale F. Denardo, School of Life Sciences

Beatriz Carlota Rodriguez Bulnes-Whaley Spanish

Dissertation: Desterritorialización y Territorialización en los Testimonios de Asunta Quispe Huamán, Munú Actis, et al y Reyna Grande Chair: David W. Foster, School of International Letters and Cultures

Jennifer Elaine Byron Spanish

Dissertation: A Cyber(space) of Their Own: Female Iberian and Latin American Artists and Writers of the Digital. A Transatlantic Analysis from Identity Construction, Political Dissidence and Activism, to the Posthuman Chair: Carmen Urioste-Accorra, School of International Letters and Cultures

Wendy Kaye Caldwell Applied Mathematics

Dissertation: Differential Équation Models for Understanding Phenomena beyond Experimental Capabilities Chair: Stephen A. Wirkus, School of Mathematical and Natural Sciences

Ashley Lauren Camhi Biology

(Biology and Society)

Dissertation: The Conservation Reserve Program as a Payments for Water Quality Case Study: An Environmental Economic Analysis Co-Chairs: Charles Aubrey Perrings, School of Life Sciences; Joshua K. Abbott, School of Sustainability

Calli Michele Campbell Materials Science and Engineering

Dissertation: Molecular Beam Epitaxial Growth of Monocrystalline MgxCd1-xTe/MgyCd1-yTe (x<y) Double Heterostructures and Solar Cells Chair: Yong-Hang Zhang, School of Electrical, Computer, and Energy Engineering

Benjamin Carrillo Mathematics

Dissertation: On K-derived Quartics and Invariants of Local Fields Co-Chairs: Andrew Brenner, School of Mathematical and Statistical Sciences; John W. Jones, School of Mathematical and Statistical Sciences

Jad Chalhoub Civil, Environmental and Sustainable Engineering

Dissertation: Benefits of Using Augmented Reality in Planning, Construction and Post-Construction Phases in Specially Contracting Chair: Steven Ayer, School of Sustainable Engineering and the Built Environment

Qinan Chang Mechanical Engineering Dissertation: Fast Forward and Inverse Wave Propagation for Tomographic Imaging of Detects in Solids Chair: Yongming Liu, School for Engineering of Matter, Transport and Energy

Wenbo Chang East Asian Languages and Civilizations (Chinese)

Dissertation: Playing Roles: Literati, Playwrights, and Female Performers in Yuan Theater Chair: Stephen H. West, School of International Letters and Cultures

Chen Chen Computer Science Dissertation: Connectivity in Complex Networks: Measures, Inference and Optimization Chair: Hanghang Tong, School of Computing, Informatics, and Decision Systems Engineering

Meli'sa Shaunte Crawford Biology

Dissertation: Examining the Effects of a High-Fat Diet on the Development of Metabolic Syndrome and Gut Leakiness in Male Sprague-Dawley Rats Co-Chairs: Karen Leanna Sweazea, College of Health Solutions; Pierre Deviche, School of Life Sciences

Allisen Cecelia Dahlstedt Anthropology Dissertation: Away from Home: A Bioarchaeological Approach to Migration, Community Interaction, and Social Diversity within the Tiwanaku Periphery (A.D. 600-1100) Chair: Kelly Knudson, School of Human

Evolution and Social Change

Linh Khanh Dai Justice Studies

Dissertation: A Bridge Over Troubled Waters: Power, Exploitation and Gender in International Online Matchmaking Chair: Gray Cavender, School of Social Transformation

Medha Dalal Learning, Literacies

and Technologies

Dissertation: Interdisciplinary Engineering Education Research Collaborations: Exploring Wass of Thinking using a Mixed Methods Approach Chair: Leanna Archambault, Mary Lou Fulton Teachers College

Lavinia Andreea Danielescu Computer

Science (Arts, Media and Engineering) Dissertation: Discoverable Free Space Gesture Sets for Walk-Up-and-Use Interactions Co-Chairs: Erin Ashley Walker, School of Computing, Informatics, and Decision Systems Engineering; Winslow S. Burleson, School of Computing, Informatics, and Decision Systems Engineering

Christopher T. Davis Political Science Dissertation: Morality as Causality: Explaining Public Opinion on US Government Drone Strikes Chair: Reed Morrison Wood, School of Politics and Global Studies

Robert Adam Dipert Physics

Dissertation: Development of Cryogenic Detection Systems for a Search of the Neutron Electric Dipole Moment Chair: Ricardo O. Alarcon, Physics Department

Matthew Christopher Jon Donovan Communication

Dissertation: Pop-up Hacktivism: A Case Study of Organizational, Pharmaceutical, and Biohacker Narratives Chair: Sarah Jane Tracy, Hugh Downs School of Human Communication

Alicia N. Ellis Political Science Dissertation: The Decline of Democracy: How the State Uses Control of Food Production to Undermine Free Society Chair: Cameron G. Thies, School of Politics and Global Studies

Kirk Walter Errickson Communication Dissertation: Executive Communication and Ideology: An inflated Worldview Faced with a Dilemma Chair: Robert David McPhee, Hugh Downs School of Human Communication

Seyed Mohammad Sadegh Eshaghnia

Economics Dissertation: Essays on Human Capital, Fertility, and Child Development Co-Chairs: Basit Ahmed Khan. Zafarm, W. P. Carey School of Business, Economics; Esteban Matias Aucejo, W. P. Carey School of Business, Economics

Eduardo Espiritu Chemistry

Dissertation: Characterization of Multi-Nuclear Manganese-Binding Bacterial Reaction Centers from Rhodobacter Sphaeroides Chair: James Paul Allen, School of Molecular Sciences

Wei Feng Biochemistry

Dissertation: Structural Perspectives on Glycosaminoglycan-Binding Proteins and Their Receptors Chair: Xu Wang, School of Molecular Sciences

Kimberly Lynn Fine Psychology

(Quantitative Research Methods) Dissertation: Examination of Mixed-Effects Models with Nonparametrically Generated Data Chair: Kevin John Grimm, Psychology

Megan Charlotte Fitzhugh Neuroscience Dissertation: Functional Brain Differences Predict Challenging Sentence Comprehension in Older Adults Chair: Corianne Rogalsky Reddy, College of Health Solutions

Fanrui Fu Biomedical Engineering Dissertation: Ultrahigh Field Functional Magnetic Resonance Electrical Impedance Tomography (fMREIT) in Neural Activity Imaging Chair: Rosalind Jane Sadleir, School of Biological and Health Systems Engineering

Houqiang Fu Electrical Engineering Dissertation: Wide Bandgap Semiconductors Based Energy-Efficient Optoelectronics and Power Electronics Chair: Yuji Zhao, School of Electrical, Computer, and Energy Engineering

Holly Lynn Fulton English

(Writing, Rhetorics, and Literacies) Dissertation: Bad Faith Rhetorics in Online Discourses of Race, Gender, and Class Chair: Maureen Daly Goggin, English

Marcus-Antonio Galeste Criminology and Criminal Justice

Dissertation: Not All Support is Created Equal: Examining the Effects of Positive and Negative Emotional Family Support on Recidivism Among Formerly Incarcerated Individuals Chair: John Robert Hepburn, School of Criminology and Criminal Justice

Dominique Ines Garello Geological Sciences

Dissertation: Tephrostratigraphy of Pliocene Drill Cores from Kenya and Ethiopia, and Pleistocene Exposures in the Ledi-Geraru Research Project Area, Ethiopia: Geological Context for the Evolution of Australopithecus and Homo Co-Chairs: Christopher J. Campisano, School of Electrical, Computer, and Energy Engineering; Ramon Arrowsmith, School of Earth and Space Exploration

Victor Augusto Da Silva Girotto

Computer Science

Dissertation: Advancing Large-Scale Creativity through Adaptive Inspirations and Research in Context

Co-Chairs: Erin Ashley Walker, School of Computing, Informatics, and Decision Systems Engineering; Winslow S. Burleson, School of Computing, Informatics, and Decision Systems Engineering

Deena Lee Gould Learning, Literacies

and Technologies

Dissertation: Designing for Interest: Heterogeneity as a Design Tool and a Catalyst in a Networked STEM Club Chair: Sasha A. Barab, School for the Future

of Innovation in Society

Carolyn Ann Greene Design,

Environment and the Arts

Dissertation: Politics and Patronage: A Re-examination of Late Qing Dynasty Porcelain from 1850-1920 Chair: Claudia G. Brown, School of Art

Neysa Ann Grider-Potter Anthropology Dissertation: Form and Function of the Primate Cervical Vertebral Column Chair: William Howard Kimbel, School of Human Evolution and Social Change

Bridget Lee Groat History

Dissertation: The Changing Tides of Bristol Bay: Salmon, Sovereignty, and Alaska Natives Chair: Donald Lee Fixico, School of Historical, Philosophical and Religious Studies

Heather Joanne Gunn Psychology

(Quantitative Research Methods) Dissertation: Evaluation of Five Effect Size Measures of Measurement Non-Invariance for Continuous Outcomes Co-Chairs: Kevin John Grimm, Psychology; Michael C. Edwards, Psychology

Bashar Muneer Farhan Haddad Computer

Engineering (Electrical Engineering) Dissertation: BagStack Classification for Data Imbalance Problems with Application to Defects Detection and Labeling in Semiconductor Units Chair: Lina Karam, School of Electrical, Computer, and Energy Engineering

Ryan Scott Hampton Psychology Dissertation: Decoding the ERP/Behavior Link: A Trial-Level Approach to the NoGo-N200 Component Chair: Michael E. Varnum, Psychology

Kara Valentina Hannula Criminology and Criminal Justice

Dissertation: The Development of Impulsivity and Sensation Seeking: Sources of Between- and Within-Individual Differences Over Time and Across Sex Chair: Gary A. Sweeten, School of Criminology and Criminal Justice

Jacob Allen Harris Anthropology Dissertation: Probability Models of Bone Surface Modification and Application to Fossil Evidence from Ledi-Geraru (2.82 Ma) and Dikika (3.39 Ma), Afar, Ethiopia

Chair: Curtis William Marean, School of Human Evolution and Social Change

Neil James Hatfield Mathematics Education Dissertation: Students' Meanings for Stochastic Process While Developing a Conception of Distribution Chair: Patrick W. Thompson, School of Mathematical and Statistical Sciences

Adrienne Rose Henderson Molecular and Cellular Biology

Dissertation: DNA Methylation and Expression Profiles for Parkinson's Biomarker Discovery Chair: Jason M. Newbern, School of Life Sciences

Jacob Kenneth Hilton Biochemistry Dissertation: Functional Studies of Thermosensitive Transient Receptor Potential (TRP) Ion Channel Regulation

Chair: Wade Dale Van Horn, Biodesign Institute

Shannon Louise Huey Hilton Chemistry Dissertation: Analyzing Cellular Properties with Dielectrophoresis Chair: Mark A. Hayes, School of Molecular Sciences

Jason Michael Holmes Physics

Dissertation: Development of Dose Verification Detectors Towards Improving Proton Therapy Outcomes Chair: Ricardo O. Alarcon, Physics Department

Fan Hong Biochemistry

Dissertation: Computational Design of Structural and Dynamic Nucleic Acid Systems Co-Chairs: Hao Yan, Biodesign Institute; Yan Liu, Biodesign Institute

Yueming Hu Biochemistry

Dissertation: Glycan Nodes and Ex Vivo Oxidation of Albumin in Plasma/Serum: Their Uses as Markers of Lung Cancer and Biospecimen Integrity, Respectively Chair: Chad Randolph Borges, Biodesign Institute

Chia-Ko Hung Community Resources

and Development

Dissertation: Knowledge Advancement in Nonprofit and Public Management Research: The Potential of Meta-Analysis Chair: Mark Hager, Watts College of Public Service and Community Solutions

Jane Cathleen Hurley Exercise and

Nutritional Sciences Dissertation: Walkability Around the Worksite and Physical Activity Chair: Marc Anthony Adams, College of Health Solutions

Jonathan Hurtado Molecular and

Cellular Biology

Dissertation: Development of N-glycan Specific Plant Produced Antibody Therapeutics for a Fine-tuned Immune Response Chair: Qiang Chen, Biodesign Institute

Asif Ishtiaque Geography

Dissertation: Multilevel Governance of Climate Change Adaptation in Coastal Areas: Evidence from Bangladesh Co-Chairs: Hallie C. Eakin, School of Sustainability; Netra B. Chhetri, School for the Future of Innovation in Society

Frank Lee James III Electrical Engineering

Dissertation: Vector Sensors and User Based Link Layer QoS for 5G Wireless Communication Applications Chain: Martin Beiselain, School of Electrical

Chair: Martin Reisslein, School of Electrical, Computer, and Energy Engineering

Michael Andrew Jansen Evolutionary Biology

Dissertation: Evolutionary Biomechanics of the Rostrum of Curculio Linnaeus, 1758 Chair: Nico Mario Franz, School of Life Sciences

April Marie Jeffries Materials Science

and Engineering

Dissertation: Reactive Ink Metallization for Next Generation Photovoltaics Chair: Mariana Ines Bertoni, School of Electrical, Computer, and Energy Engineering

Ara Jeong Geography

Dissertation: Anthropocene in the Geomorphology of the Sonoran Desert Chair: Ronald I. Dorn, School of Geographical Sciences and Urban Planning

Yishan Jiao Speech and Hearing Science Dissertation: A Computational Model of the Relationship Between Speech Intelligibility and Speech Acoustics Co-Chairs: Julie M. Liss, College of Health Solutions; Visar Shahin Berisha, School of Electrical, Computer, and Energy Engineering

Amilynne Rose Johnston English (Literature)

Dissertation: Embodied Persistence: Corporeal Ruptures in Modernist Discourses of Material Language and Cultural Reproductive Futurity Chair: Deborah Lynn Clarke, English

Sarah Elizabeth Jones Communication Dissertation: Breast/milk as (In)visible Currency: Alternative Organizing, Inequality Regimes, and Corporeal Commodification in the Milk Banking Industry Chair: Sarah Jane Tracy, Hugh Downs School of Human Communication

Matias Kalm Business Administration (Management)

Dissertation: Flying High: The Effect of Organizational Status on CEO Perquisites Co-Chairs: Albert Cannella, W. P. Carey School of Business, Management; Matthew B. Semadeni, W. P. Carey School of Business, Management

Puneet Nandkumar Khatavkar Civil,

Environmental and Sustainable Engineering Dissertation: Water Infrastructure Modeling and Control under Extreme Drought and Limited Power Availability Conditions Chair: Larry W. Mays, School of Sustainable Engineering and the Built Environment

Mohammad Hossein Khoshchehreh Jamali

Construction Management Dissertation: Special Interpersonal Relationships in Project-Based Organizations Chair: Avi Wiezel, School of Sustainable Engineering and the Built Environment

Diana Khusnutdinova Chemistry

Dissertation: Molecular Design, Synthesis and Structural Characterization of Metalloporphyrins for Electrocatalytic and Photoelectrosynthetic Hydrogen Production Chair: Gary Moore, School of Molecular Sciences

Elizabeth A. Kiehne Social Work

Dissertation: Pathways to Support for Integrationist Immigration Policymaking among U.S.-Born Whites: Testing the Deprovincialization Hypothesis of the Intergroup Contact Theory and the Role of Latino Immigrant Threat Perception Chair: David Becerra, Watts College of Public Service and Community Solutions

Eunhye Kim Community Resources and Development

Dissertation: Destination Branding of Creative MICE Tourism, Building Synergies with Heritage Tourism Co-Chairs: Dallen J. Timothy, Watts College of Public Service and Community Solutions; Deepak Chhabra, Watts College of Public Service and Community Solutions

Ji Koung Kim Business Administration (Management)

Dissertation: Sucking-up in Context: Effects of Relativity and Congruence of Ingratiation on Social Exchange Relationships with Supervisors and Teammates

Chair: Jeffery A. LePine, W. P. Carey School of Business, Management

Tyler Colby Kirk History

Dissertation: Remembering the GULAG: Community, Identity and Cultural Memory in Russia's Far North, 1987-2018 Co-Chairs: Laurie Manchester, School of Historical, Philosophical and Religious Studies; Mark Von Hagen, School of Historical, Philosophical and Religious Studies

Piyanat Kittiwisit Astrophysics

Dissertation: Toward Characterization of the Epoch of Reionization with Redshifted 21 cm One-point Statistics Chair: Judd David Bowman, School of Earth and Space Exploration

Kody George Klimes Materials Science

and Engineering

Dissertation: High Performance Organic Light Emitting Diodes Chair: Jian Li, School for Engineering of Matter, Transport and Energy

Kasuen Indrajith Bandara Kotagama

Molecular and Cellular Biology Dissertation: Mechanisms of miRNA-Based Gene Regulation in C. Elegans and Human Cells Chair: Marco Mangone, Biodesign Institute

William Wriley Kruger Linguistics and Applied Linguistics

Dissertation: Syntax-Phonology Interactions in English Chair: Elly Van Gelderen, English

Abhinav Kshitij Aerospace Engineering Dissertation: Accurate and Efficient Autonomic Closure for Turbulent Flows Chair: Werner J. Dahm, School for Engineering of Matter, Transport and Energy

Jing Yu Xin Yu Kwoh Justice Studies

Dissertation: Social Capital: Two Case Studies of Chinese Small Business in the Greater Phoenix and Los Angeles Areas Chair: Nancy C. Jurik, School of Social Transformation

Arianna Nicole LaCroix Speech and Hearing Science

Dissertation: Improving Sentence Comprehension Post-Stroke Using Neuroimaging and Neuropsychological Approaches Chair: Corianne Rogalsky Reddy, College of Health Solutions

Erin Francesca Lanus Computer Science (Cybersecurity)

Dissertation: Interaction Testing, Fault Location, and Anonymous Attribute-Based Authentication Co-Chairs: Charles Joseph Colbourn, School of Computing, Informatics, and Decision Systems Engineering

Maxwell Brock Lassise Electrical

Engineering

Dissertation: Monolithic Heterovalent Integration of Compound Semiconductors and Their Applications Chair: Yong-Hang Zhang, School of Electrical, Computer, and Energy Engineering

Husain Abdul Rahim Lateef Social Work Dissertation: An Exploratory Development of a Bantu Informed Collective Self-Esteem Scale for African American Youth Chair: Elizabeth Anthony, School of Social Work

Nguyen Tran Khoi Le Construction Management

Dissertation: Identification of Risk Factors, Success Practices, and Feasibility of the Best Value Approach Application to Improve Construction Performance in Vietnam and Other Developing Countries Chair: Oswald WK Chong, School of Sustainable Engineering and the Built Environment

Jue Hyun Lee Mechanical Engineering Dissertation: Chip Production Rate and Tool Wear in Micro-Endmilling Chair: Angela Ann Sodemann, Ira A. Fulton Schools of Engineering

Mijun Lee Political Science

Dissertation: Legislating for Gender Equality in Korea: The Role of Women and Political Parties in Shaping the Timing of Legislation Chair: Miki Caul Kitilson, School of Politics and Global Studies

Seojin Lee Community Resources and Development

Dissertation: Adoption and Resistance of Service Innovations by Travelers in the Sharing Economy Chair: Woojin Lee, School of Community Resources and Development

Chunxiao Li Business Administration

(Computer and Information Systems) Dissertation: Understanding, Analyzing and Predicting Online User Behavior Chair: Bin Gu, W. P. Carey School of Business, Information Systems

Guoyi Li Mechanical Engineering

Dissertation: Health Management and Prognostics of Complex Structures and Systems Chair: Aditi Chattopadhyay, School for Engineering of Matter, Transport and Energy

Xinsheng Li Computer Science

Dissertation: Density and Noise Challenge in Tensor Based Analytics: Scalability and Accuracy Solution Chair: Kasim Selcuk Candan, School of Computing, Informatics, and Decision Systems Engineering

Renjie Liao Chemistry

Dissertation: Highly Multiplexed Single Cell in situ Protein Analysis with Cleavable Fluorescent Probes Chair: Jia Guo, School of Molecular Sciences

Rebecca Lish Educational Policy

and Evaluation

Dissertation: Private Costs, Public Benefits: An Analysis of 25 Years of Coverage on Access to Higher Education in Influential U.S. Newspapers Chair: Gustavo Enrique Fischman, Mary Lou Fulton Teachers College

Xiaonan Liu Industrial Engineering

Dissertation: Novel Statistical Learning Methods for Multi-Modality Heterogeneous Data Fusion in Health Care Applications Chair: Jing Li, School of Computing, Informatics, and Decision Systems Engineering

Yixing Liu Educational Psychology (Measurement, Statistics and

Methodological Studies)

Dissertation: Robustness of Latent Mean Comparisons for the General Factor in Bifactor Ordered-Categorical Data Chair: Marilyn S. Thompson, T. Denny Sanford School of Social and Family Dynamics

Norma Lopez Spanish

Dissertation: Siguiendo las Huellas de la Chola en Bolivia Levantamiento de Una Cartografía Cultural Alteña Chair: Carmen Urioste-Azcorra, School of International Letters and Cultures

Weichao Ma Electrical Engineering Dissertation: Model-Based Automatic and Robust Spike Sorting for Large Volume Recording Data Chair: Jennie Si, School of Electrical, Computer, and Energy Engineering

Jason Dean Maarsingh Microbiology Dissertation: Genetic and Biochemical Insights into the Mycobacterial PrrAB System as a Regulator of Respiration and Central Metabolism Chair: Shelley Haydel, Biodesign Institute

Jonny William Malloy Geography

Dissertation: Atmospheric Sounding Data as Tools for Forecasting Severe Hail and Ozone Accumulation in Arizona During the North American Monsoon

Chair: Randall Scott Cerveny, School of Geographical Sciences and Urban Planning Manqing Mao Electrical Engineering Dissertation: Optimizing the Energy, Latency and Reliability of Resistive RAM Storage Systems and Resistive RAM-based Convolutional Neural Network Accelerators through Cross-layer Techniques Chair: Chaitali Chakrabarti, School of Electrical, Computer, and Energy Engineering

Tome R. Martinez Educational Technology Dissertation: The Effects of Cognitive Engagement While Learning About Misinformation on Social Media Co-Chairs: Robert Kenneth Atkinson, School of Computing, Informatics, and Decision Systems Engineering; Steven J. Zuiker, Mary Lou Fulton Teachers College

Paris R. Masek II English (Literature) Dissertation: Coyote's Transmergent Materiality: The Cyclic Nature of Indigenous Knowledge and Food Systems Contained in Pueblo Literature Chair: Simon Ortiz, English

Rebecca Ann McCay Nursing and Healthcare Innovation

Dissertation: Burnout and Psychological Capital in Rural Critical Access Hospital Nurses Chair: Linda Kathryn Larkey, Edson College of Nursing and Health Innovation

Payam H. Mehr Electrical Engineering Dissertation: CMOS MESFET Cascode Amplifiers for RFIC Applications Chair: Trevor John Thornton, School of Electrical, Computer, and Energy Engineering

Reza Vatan Meidanshahi Electrical Engineering

Dissertation: The Investigation of the Electronic Properties of Si Based Heterojucntions: a First Principle Study of a-Si:H/c-Si and GaP/Si Heterojunctions Chair: Stephen Marshall Goodnick, School of Electrical, Computer, and Energy Engineering

Alexander Duke Miller Exploration

Systems Design (Instrumentation) Dissertation: The Development of Unique Focal Planes for High-Resolution Suborbital and Ground-Based Exploration Chair: Paul Andrew Scowen, School of Earth and Space Exploration

Natalie Michelle Mitchell Microbiology Dissertation: Proteins and their Glycosylations as Diagnostic Biomarkers of Valley Fever Chair: Douglas Fletcher Lake, School of Life Sciences

Hanqing Nan Materials Science and Engineering

Dissertation: Modeling Emergent Behaviors of Multi-Cellular Systems in 3D Extracellular Matrix: Heterogeneous Extracellular Matrix Reconstruction, Cell Micromechanics and Novel Mechanotaxis Chair: Yang Jiao, School for Engineering of Matter, Transport and Energy Hans Philip Nesse Anthropology

Dissertation: The Impact of Human Social Network Structure on Infectious Disease Transmission Chair: Ana Magdalena Hurtado, School of Human Evolution and Social Change

Duc Trung Nguyen Chemistry

Dissertation: Optical Spectroscopy of Heavy Element Containing Molecules in Support of Fundamental Physics Chair: Timothy Steimle, School of Molecular Sciences

Tho Xuan Nguyen Mathematics

Dissertation: Some Diophantine Problems Chair: Andrew Bremner, School of Mathematical and Statistical Sciences

Judith A. Northrop Electrical Engineering Dissertation: Modeling and Parameter Estimation of Statistical Properties of Sea Clutter in Thermal Noise Chair: Antonia Papandreou-Suppappola, School of Electrical, Computer, and Energy Engineering

Xiomara Núñez-Rodríguez Spanish

Dissertation: Canariben Idad: Interdependencias Identitarias Entre las Islas Canarias y el Caribe Hispano a Trave's de Sus Producciones Literarias y Culturales. Chair: Emil Volek, School of International Letters and Cultures

Abigail Heather Oakley English

(Writing, Rhetorics, and Literacies) Dissertation: Entanglement: Everyday Working Lives, Access, and Institutional Discourse Chair: Maureen Daly Goggin, English

Sarah Elizabeth Oas Anthropology

Dissertation: Cibola Breadstuff: Foodways and Social Transformation in the Cibola Region A.D. 1150-1400

Co-Chairs: Keith William Kintigh, School of Human Evolution and Social Change; Michelle Hegmon, School of Human Evolution and Social Change

Makenzie Joanne O'Neil *Psychology*

Dissertation: Tenderness Expression as a Signal for Trustworthiness Chair: Michelle Noelani Shiota, Psychology

Roy Joseph Oursler Mathematics

Dissertation: On the Existence of Loose Cycle Tilings and Rainbow Cycles Chair: Andrzej Michal Czygrinow, School of Mathematical and Statistical Sciences

Alberto Rivera Padilla Economics

Dissertation: Essays on Macroeconomic Development Co-Chairs: Berthold M. Herrendorf, W. P. Carey School of Business, Economics; Todd Kurtis Schoellman: W. P. Carey School of Business

Haiyan Pang Economics

Dissertation: Thesis on Technological Change in the US Commercial Banking Market Chair: Daniel Silverman, W. P. Carey School of Business, Economics

Dean Papajohn Civil, Environmental

and Sustainable Engineering Dissertation: Contract Administration Functions and Tools in Design-Build and Construction Manager/General Contractor Project Delivery in U.S. Highway Construction Chair: Mounir El Asmar, School of Sustainable Engineering and the Built Environment

Jason Travis Papenfuss Sustainability Dissertation: Inside-Out Pedagogies: Transformative Innovations for Environmental and Sustainability Education Co-Chairs: David Manuel-Navarrete, School of Sustainability; Eileen Merritt, Mary Lou Fulton Teachers College

Julieta Cristina Paulesc Linguistics and Applied Linguistics

Dissertation: Narrative as Collaborative Action and Accomplishment: A Multi-Modal Analysis of Digital Storytelling, Meaning Making and Community Building Chair: Doris Warriner, English

Kirstin Nicole Pellizzaro Journalism and Mass Communication

Dissertation: Personal Narratives of Health by TV Anchors and Reporters: Issues of Control Over Social Media and Professional Expression Chair: Leslie J. Thornton, Walter Cronkite School of Journalism and Mass Communication

Maria Dalal Safa Pernett Family and Human Development

Dissertation: Bicultural Competence Development Among U.S. Mexican-Origin Adolescents Chair: Rebecca May Blumenauer White, T. Denny Sanford School of Social and Family Dynamics

Sayali Shekhar Phatak Exercise and Nutritional Sciences

Dissertation: Does It Work For Me? Supporting Self-Experimentation of Simple Health Behavior Interventions Chair: Matthew P. Buman, College of Health Solutions

Kenneth R. Pike Philosophy Dissertation: What We Owe to Our Children Chair: Peter L. de Marneffe, School of Historical, Philosophical and Religious Studies

Summer Lane Preston Communication Dissertation: Bearing the Weight of Healthism: A Critical Discourse Analysis of Women's Health, Fitness and Body Image in the Gym Chair: Linda Costigan Lederman, Hugh Downs School of Human Communication

Karthik Subramaniam Pushpavanam

Chemical Engineering

Dissertation: Radiation-Induced Nanoparticle Formation as Novel Means of In Vivo / In Vitro Dosimetry Chair: Kaushal Rege, School for Engineering of Matter, Transport and Energy

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Matthew Ralphs Mechanical Engineering

Dissertation: Enhanced Thermal Conductivity in Soft Compostes through Magnetic Alignment and Contact Engineering Co-Chairs: Konrad Rykaczewski, School for Engineering of Matter, Transport and Energy; Robert Y. Wang, School for Engineering of Matter, Transport and Energy

Jesse Christian Rathgeber Music

(Music Education)

Dissertation: Troubling Disability: A Phenomenological Exploration of Experiences with Disability In, Through, and Around Music Chair: Sandra Lee Stuffer, Herberger Institute for Design and Arts

Erica Nikol Redner-Vera Criminology and Criminal Justice

Dissertation: Examining the Treatment of American Indian Defendants in United States Federal Courts Chair: Xia Wang, School of Criminology and Criminal Justice

Stephanie Jo Reed Applied Mathematics

Dissertation: Rigorous Proofs of Old Conjectures and New Results for Stochastic Spatial Models in Econophysics Chair: Nicolas Lanchier, School of Mathematical and Statistical Sciences

Saba Rezvanian Biomedical Engineering Dissertation: Fall Prevention Using Linear

and Nonlinear Analyses and Perturbation Training Intervention Chair: Thurmon Eddy Lockhart, School of Biological and Health Systems Engineering

Jorge Gimeno Robles Spanish

Dissertation: FINIS HISPÀNIAE 1898 La Guerra Hispano-Norteamericana del 98 a Través de la Caricatura: Tres Perspectivas Satíricas de "El Desastre". Chair: David W. Foster, School of International Letters and Cultures

Christopher Anthony Rojas Biology (Biology and Society)

Dissertation: On the Virtues of a Philosophically Pragmatic Reorientation in Environmental Ethics: Adaptive Co-management as a Laboratory Chair: Ben A. Minteer, School of Life Sciences

Jacqueline Elizabeth Romero History Dissertation: "By the Labors of our Hands": An Analysis of Labor, Gender, and the Sisters of Charity in Kentucky and Ohio, 1812-1860 Chair: Catherine Ann O'Donnell, School of Historical, Philosophical and Religious Studies

Lydia Lyall Ross Educational Policy and Evaluation

Dissertation: Examining Undergraduate Engineering Students' Knowledge, Beliefs, and Attitudes Regarding Affirmative Action Admissions Policies: A Hierarchical Regression Analysis Chair: Eugene E. Judson, Mary Lou Fulton Teachers College

Julie Burdette Rousseau Human Systems Engineering

Dissertation: The Influence of Gender, Race and Intersectionality on Stress in Division I Head Basketball Coaches Chair: Robert D. Gray, Ira A. Fulton Schools of Engineering

Denys Rybalka Physics

Dissertation: Anomalous Chiral Plasmas in the Hydrodynamic Regime Chair: Igor Shovkovy, College of Integrative Sciences and Arts

Ramadan Abdalla Salim Salim Civil,

Environmental and Sustainable Engineering Dissertation: Relationship between Asphalt Binder Parameters and the Linear Viscoelastic and the Failure Properties of Asphalt Mixture. Co-Chairs: Benjamin Shane Underwood, School of Sustainable Engineering and the Built Environment; Kamil Elias Kaloush, School of Sustainable Engineering and the Built Environment

Emily Ann Schach Anthropology

Dissertation: Andean Social Identities: Analyses of Community, Gender, and Age Identities at Chiribaya Alta, Peru. Chair: Jane Ellen Buikstra, School of Human Evolution and Social Change

Cameron Michael Scholtz Exercise

and Nutritional Sciences Dissertation: The Flavor Station: A Pilot Salad Bar Trial to Increase Fruit and Vegetable Consumption in Elementary School Children Chair: Carol S. Johnston, College of Health Solutions

Eran Schweitzer Electrical Engineering Dissertation: Creating, Validating, and Using Synthetic Power Flow Cases: A Statistical Approach to Power System Analysis Chair: Anna Scaglione, School of Electrical, Computer, and Energy Engineering

Danielle Marie Seay Family and Human Development

Dissertation: Longitudinal Relations Among Adolescent Mothers' Depression, Negative Parenting, Social Support and Young Children's Developmental Outcomes

Co-Chairs: Kit K. Elam, T. Denny Sanford School of Social and Family Dynamics; Masumi Iida, T. Denny Sanford School of Social and Family Dynamics

Andrew Colin Seidel Anthropology

Dissertation: Temporary Territories and Persistent Places: A Bioarchaeological Evaluation of the Association of Monumentality and Territoriality in the Prehistoric Ohio Valley Co-Chairs: Christopher Carr, School of Human Evolution and Social Change; Christopher Michael Stojanowski, School of Human Evolution and Social Change

Hudson Colter Sessions Business

Administration (Management) Dissertation: Comforted by Role Continuity or Invigorated by Role Variety? Employee Outcomes of Managing Side-hustle and Full-time Work Roles Chair: Jennifer Nahrgang Craig, W. P. Carey School of Business

Elham Shaabani Computer Science Dissertation: Data-Driven Inference in Populations of Agents Chair: Paulo Shakarian, School of Computing,

Informatics, and Decision Systems Engineering

Bohan Shan Chemical Engineering

Dissertation: Synthesis and Characterization of 2D and 3D Metal-Organic Frameworks Chair: Bin Mu, School for Engineering of Matter, Transport and Energy

Woo Jung Shin Materials Science and Engineering

Dissertation: Spray-Deposited Oxides for their Applications in Solar Cells Chair: Meng Tao, School of Electrical, Computer, and Energy Engineering

Ana María Giraldo Silva Environmental Life Sciences

Dissertation: Physiological Ecology of Biological Soil Crust Cyanobacteria Chair: Ferran Garcia-Pichel, The College of Liberal Arts and Sciences

Grant Jeffery Snitker Anthropology

Dissertation: Anthropogenic Fire and the Development of Neolithic Agricultural Landscapes: Connecting Archaeology, Paleoecology, and Fire Science to Evaluate Human Impacts on Fire Regimes Chair: C Michael Barton, School of Human Evolution and Social Change

Edmundo Soltero Design, Environment and the Arts

Dissertation: Suppositions for Desert Modernism: An Architectural Framework Informed by Climate, Natural Light and Topography Co-Chairs: Harvey John Bryan, The Design School; Kestutis Paul Zygas, The Design School

Pengchao Song Mechanical Engineering Dissertation: Uncertainty Modeling for Nonlinear and Linear Heated Structures Chair: Marc Paul Mignolet, School for Engineering of Matter, Transport and Energy

Richard McRae Standage Construction Management

Dissertation: Exploratory Study of Distortionary Corrective Modification of Concrete Contraction Joints Through Infused Silica-Based Compounds Chair: James J. Ernzen, School of Sustainable Engineering and the Built Environment

Woo Young Sung Design, Environment and the Arts Dissertation: Teaching Design Research in Academe and Application in Practice

Chair: Jacques R. Giard, The Design School Timothy Charles Swanger Religious Studies

Dissertation: A Work and its Shapers: The "Most High Scripture of the Three Heavens" in Early Medieval China Chair: Stephen R. Bokenkamp, School of International Letters and Cultures

Joseph David Sweet Learning, Literacies and Technologies Dissertation: (Re)considering Diverse Masculinities:

Intersections Amid Art Curriculum and Middle School Boys Doing Gender Chair: David Lee Carlson, Mary Lou Fulton Teachers College

Jacob Szeszulski Exercise and Nutritional Sciences

Dissertation: An Examination of Socioecological Factors that Influence Preschool-aged Children's Cardiovascular Fitness and Gross Locomotor Skills within their Developmental Pathway Chair: Rebecca Elizabeth Lee, Edson College of Nursing and Health Innovation

Vriean Diether Taggart Design,

Environment and the Arts Dissertation: Disordered Minds: Picturing Mental Illness Pre-Deinstitutionalization and its Impact Chair: Betsy Fahlman, School of Art

Sherzad Tahseen Tahir Mechanical Engineering

Dissertation: Modeling the Effect of Urbanization on Climate and Dust Generation over Desert Cities Chair: Huei-Ping Huang, School for Engineering of Matter, Transport and Energy

Stefan Josef Tekel Biological Design Dissertation: Engineering and Delivery of Synthetic Chromatin Effectors Chair: Karmella Haynes, School of Biological and Health Systems Engineering

Elizabeth Marie Tellman Geography Dissertation: Mapping and Modeling Illicit and Clandestine Drivers of Land Use Change: Urban Expansion in Mexico City and Deforestation in Central America Co-Chairs: Billie Lee Turner, School of Geographical Sciences and Urban Planning; Hallie C. Eakin, School of Sustainability

Kara Joy Thieleman Social Work Dissertation: Selah: A Mixed Methods Investigation of the Impact of a Mindfulness-Based Retreat on Parents Mourning a Child Chair: Joanne Cacciatore, Watts College of Public Service and Community Solutions

Samantha Michelle Thompson History and Philosophy of Science

Dissertation: The Carnegie Image Tube Committee and the Development of Electronic Imaging Devices in Astronomy, 1953-1976 Co-Chairs: Jameson Michael Wetmore, School for the Future of Innovation in Society; Karin D. Ellison, School of Life Sciences

Sophia Marie Town Communication Dissertation: Slowing Down to Speed Up: An Exploration of Leader's Mindfulness-Based Paradox Management Chair: Sarah Jane Tracy, Hugh Downs School of Human Communication

Cumhur Erkan Tuncali Computer

Engineering (Computer Systems) Dissertation: Search-based Test Generation for Automated Driving Systems: From Perception to Control Logic Chair: Georgios E. Fainekos, School of Computing,

Informatics, and Decision Systems Engineering

Ashlee Marie Tziganuk Urban Planning Dissertation: Light Rail Transit and the Right to the City: A Case Study from South Phoenix Co-Chairs: Deirdre A. Pfeiffer, School of Geographical Sciences and Urban Planning; Kelli Leigh Larson, School of Geographical Sciences and Urban Planning

Ehsan Vadiee Electrical Engineering Dissertation: Design, Growth, and Characterization of III-SB and III-N Materials for Photovoltaic Applications Chair: Christiana B. Honsberg, School of Electrical, Computer, and Energy Engineering

Kiley B. Vander Wyst Exercise and

Nutritional Sciences Dissertation: Relationship Between Resting Energy Expenditure and Sleep Parameters on Gestational Weight Gain and the Mediation Effect of Macronutrient Composition Chair: Corrie Marie Whisner, College of Health Solutions

Lauren Elizabeth van Huisstede Family and Human Development

Dissertation: Emerging Self-Regulation: Contributing Infant and Maternal Factors Chair: Keith Alan Crnic, Psychology

Jeffry David Vann Civil, Environmental and Sustainable Engineering

> Dissertation: A Soil Suction-Oedometer Method and Design Soil Suction Profile Recommendations for Estimation of Volume Change of Expansive Soils Chair: Sandra L. Houston, School of Sustainable Engineering and the Built Environment

Irene Caroline van Woerden Exercise and Nutritional Sciences

> Dissertation: First Year Students' Meal Plans and Dining Hall Use: Differences by Food Insecurity, and Similarities among Roommates. Chair: Meredith Margaret Bruening, College of Health Solutions

Alexandra Katherine Vicknair History Dissertation: A Tale of Two Parks Nature Tourism, Visual Rhetoric, and the Power of Place A Comparative History of Yosemite and Mineral King, California Chair: Paul Wayne Hirt, School of Historical, Philosophical and Religious Studies

Alberto José Vindas Quesada Economics Dissertation: Essays on Economic Growth and Structural Transformation Chair: Bart Hobijn, W. P. Carey, Economics

Natasa Vulic Electrical Engineering Dissertation: Nanostructured Approaches to Light Management in Thin Silicon Solar Cells and Silicon-based Tandems Chair: Stephen Marshall Goodnick, School of Electrical, Computer, and Energy Engineering

Nathaniel Lane Wade Human and Social Dimensions of Science and Technology Dissertation: Three Essays on Health and Health Care in Society: Public Values, Genomic Policies, and Socio-technical Futures of Our Lifespan Chair: Barry Bozeman, Watts College of Public Service and Community Solutions

Yi Wang Computer Science Dissertation: Reasoning and Learning with Probabilistic Answer Set Programming Chair: Joohyung Lee, School of Computing, Informatics, and Decision Systems Engineering

Amanda Zoe Weaver Applied Linguistics Dissertation: Thinking/Speaking/Acting "Freely"? A Critical Discourse Analysis of the Free Speech Provisions in the United States and Russian Constitutions. Chair: Danko Dan Sipka, School of International Letters and Cultures

Matthew Barrett Weber Mathematics Education

Dissertation: Investigating the Advancement of Middle School Mathematics Teachers' Meanings for Partitive Division by Fractional Values of Quantities Co-Chairs: April Dawn Strom, School of Mathematical and Statistical Sciences; Patrick W. Thompson, School of Mathematical and Statistical Sciences

Joseph S. Wells *Mathematics*

Dissertation: Hybrid Subgroups of Complex Hyperbolic Lattices Chair: Julien Henri Paupert, School of Mathematical and Statistical Sciences Daehan Wi Systems Engineering Dissertation: Resonant Microbeam High Resolution Vibrotactile Haptic Display Chair: Angela Ann Sodemann, Ira A. Fulton Schools of Engineering

Joshua Thaddeus Wray Molecular and Cellular Biology

Dissertation: Reduction of Three Major Bottlenecks Limiting Current Commercial Microalgae Production: Light Utilization, Waste Nutrient Utilization, and Harvesting Co-Chairs: Robert Wayne Roberson, School of Life Sciences; Thomas A. Dempster, School of Sustainable Engineering and the Built Environment

Ke Wu Applied Mathematics

Dissertation: Parametrically Forced Rotating and/or Stratified Confined Flows Co-Chairs: Bruno Denis Welfert, School of Mathematical and Statistical Sciences; Juan Manuel Lopez, School of Mathematical and Statistical Sciences

Liang Wu Computer Science

Dissertation: Misinformation Detection in Social Media Chair: Huan Liu, School of Computing, Informatics, and Decision Systems Engineering

Yang Wu East Asian Languages and Civilizations (Chinese)

Dissertation: Transmission of Law and Merit: A Comparative Study of Daoist Ordination Rite and Esoteric Buddhist abhişeka in Medieval China (400-907) Co-Chairs: Hoyt C. Tillman, School of International Letters and Cultures; Stephen R. Bokenkamp, School of International Letters and Cultures

Wenwen Xu Chemical Engineering

Dissertation: Edible Electronics: Fabrication and Performances Chair: Hanqing Jiang, School for Engineering of Matter, Transport and Energy

Jason Yalim Applied Mathematics

Dissertation: Parametric Forcing of Confined and Stratified Flows Co-Chairs: Bruno Denis Welfert, School of Mathematical and Statistical Sciences; Juan Manuel Lopez. School of Mathematical and Statistical Sciences

Mohammadhassan Izady Yazdanabadi

Neuroscience

Dissertation: Confocal Laser Endomicroscopy Image Analysis with Deep Convolutional Neural Networks Chair: Yezhou Yang, School of Computing, Informatics, and Decision Systems Engineering

Mehmet Yigit Yildirim Computer Science

Dissertation: Cost-Sensitive Selective Classi cation and its Applications to Online Fraud Management Chair: Hasan Davulcu, School of Computing,

Informatics, and Decision Systems Engineering

Amanda Rene Young-Gonzales Chemistry Dissertation: Nonlinear Dielectric Effects and Modification of Supramolecular Structures of Monohydroxy Alcohols Chair: Ranko Richert, School of Molecular Sciences

Abdulrahman Khalid Yussef

Construction Management Dissertation: Assessing the Maturity and Accuracy of Front End Engineering Design (FEED) for Large Industrial Projects. Co-Chairs: George E. Gibson. School of Sustainable Engineering and the Built Environment; Mounir El Asmar, School of Sustainable Engineering and the Built Environment

Shaio Hui Zerba Political Science Dissertation: Civil-Military Relations in Authoritarian Regimes Chair: Cameron G. Thies, School of Politics and Global Studies

Pengfei Zhang Civil, Environmental and Sustainable Engineering

Dissertation: Life-Cycle-Cost Effective Analysis of Using Low Impact Development Compared to the Traditional Drainage System Chair: Samuel T. Ariaratnam, School of Sustainable Engineering and the Built Environment

Rachel Junlei Zhang East Asian

Languages and Civilizations (Chinese) Dissertation: Engaging in Drama Criticism: Zang Maoxun and His Four New Musical Texts from the Jade Tea Hall Chair: Stephen H. West, School of International Letters and Cultures

Wei Zhang Business Administration (Accountancy)

Dissertation: Does a Chief Audit Executive Matter? Evidence from Corporate Disclosure of the Position Chair: Phillip T. Lamoreaux, W. P. Carey School of Business

Chenyang Zhou Computer Science

Dissertation: Design, Analysis and Computation in Wireless and Optical Networks Co-Chairs: Andrea W. Richa, School of Computing, Informatics, and Decision Systems Engineering; Arunabha Sen, School of Computing, Informatics, and Decision Systems Engineering

Kai Zhou Mechanical Engineering Dissertation: Physics-Based Lidar Simulation and Wind Gust Detection and Impact Prediction for Wind Turbines Chair: Ronald Joseph Calhoun, School for Engineering of Matter, Transport and Energy

Xiran Zhou Geography

Dissertation: Integrated Deep Learning Models to Support Geographical Knowledge Discovery from Remote Sensing and GIS Data Chair: WenWen Li, School of Geographical Sciences and Urban Planning Dissertation: Sensing and Regulation from Nucleic Acid Devices Co-Chairs: Alexander Arthur Green, Biodesign Institute; Hao Yan, Biodesign Institute

Fanyi Zhu Chemistry

Dissertation: Foundational Studies for Array-Based Electrophoretic Exclusion of Proteins Chair: Mark A. Hayes, School of Molecular Sciences

Qi Zhu Business Administration (Management)

Dissertation: CEO Power and Risk Taking— The Perspective of Employment Security Co-Chairs: Hongquan Zhu, W. P. Carey School of Business, Management; Wei Shen, W. P. Carey School of Business, Management

Heather Anne Zunino Aerospace Engineering

Dissertation: Rapidly Decompressed Particle Beds Chair: Ronald John Adrian, School for Engineering of Matter, Transport and Energy

DOCTOR OF AUDIOLOGY

Kalee Marie Easter Ashley Ann Geske Sophie May Hutton Sara Marie Jensen Lauren Marie Meadows Jessica Nicole Moreno Angela Marie Pollack Elise Christine Wagener

DOCTOR OF BEHAVIORAL HEALTH

Tricia R. Bawn—Behavioral Health Maria Gricelda Chacon—Behavioral Health (Clinical) Heather Estill Devaraj—Behavioral Health (Clinical) LaQuista Syreeta Erinna—Behavioral Health Cecilia Galarza—Behavioral Health (Clinical) Ariana Lucia Iacobucci—Behavioral Health (Clinical) Julia Irene Kannard—Behavioral Health (Clinical) Amy Munoz Mendoza—Behavioral Health (Management) Jorge Alexander Ortega—Behavioral Health Jennifer Louise Page—Behavioral Health (Management) Bayley A. Raiz—Behavioral Health (Management) Christina Lynn Ridgley-Smith—Behavioral Health Arianne Roy—Behavioral Health (Management) Jerrelda Sanders—Behavioral Health (Management) Haron N. Siringi—Behavioral Health (Management) Rhonda Elaine Sturdivant—Behavioral Health (Clinical) Brandon Clark Wardell—Behavioral Health

DOCTOR OF BUSINESS ADMINISTRATION

Hui Chen Global Financial Management Dissertation: Research on the Influence of Corporate Governance Structure on Earnings Management Based on the Data of Private Quoted Companies Chair: Wei Shen, W. P. Carey School of Business, Management

Xiaoqing Chu Global Financial

Management

Dissertation: The Impact of Law Firm's Incentive Mechanism for Partners and Organizational Structure on its Business Chair: Ker-Wei Pei, W. P. Carey School of Business, Accountancy Darong Huang Global Financial Management Dissertation: The Effect of Mobile Financial Technology on the Inter-bank Competitiveness of Rural

Chair: Bin Gu, W. P. Carey School of Business, Information Systems

Liang Jin Global Financial Management Dissertation: Study on the Imbalance and Influencing Factors of Village-level Collective Economic Development Based on The Data From Wuxi Binhu District Chair: Bin Gu, W. P. Carey School of Business, Information Systems

- Hailin Li Global Financial Management Dissertation: Research on Belongingness, Lifestyle and Loyalty in High Net Worth Community: Based on STCC Chair: Bin Gu, W. P. Carey School of Business, Information Systems
- Juhui Li Global Financial Management Dissertation: Credit Spreads Risk Factors of Chinese City Investment Bond Chair: Bin Gu, W. P. Carey School of Business, Information Systems
- Zhensheng Li Global Financial Management

Dissertation: Research on the Strategic Alliance Model of China's Water Environment Enterprises Chair: Ker-Wei Pei, W. P. Carey School of Business, Accountancy

- Man Shu Global Financial Management Dissertation: The Controllable Antecedents and Performance Consequences of Employee Well-Being in the Private Enterprise Chair: Wei Shen, W. P. Carey School of Business, Management
- Jianyin Wan Global Financial

Management

Dissertation: Impact Analysis of China's Cross-regional Population Risk Appetite for Overseas Investment Chair: Pei-yu Chen, W. P. Carey School of Business, Information Systems

Dinghui Wang Global Financial Management

Dissertation: Factors Affecting The Two-Way Matching Between Financial Leasing Companies and Rented SMEs Chair: Ker-Wei Pei, W. P. Carey School of Business, Accountancy

- Huan Wang Global Financial Management Dissertation: An Empirical Study on the Influence Factors of Price Difference between A-share and H-share of China's Dual-listed Companies Chair: Hongquan Zhu, W. P. Carey School of Business, Management
- Ping Wang Global Financial Management Dissertation: From a Resource Allocation Perspective Study the Effectiveness of China's Commodity Futures Market Chair: Bin Gu, W. P. Carey School of Business, Information Systems

Yang Wang Global Financial Management Dissertation: Enterprise Ownership Attributes, Organizational Identity and Employees' Innovation-Based on the Perspective of Aerospace Industry Chair: Hongquan Zhu, W.P. Carey School of Business, Management Jintao Wu Global Financial Management Dissertation: Research on Financing Preference and Financing Efficiency of Firms in NEEQ Market Chair: Ker-Wei Pei, W. P. Carey School of Business, Accountancy

Qimin Wu Global Financial Management Dissertation: Company Trust and Financial Planner Trust: An Empirical Analysis Based on Questionnaire Investigation Chair: Wei Shen, W. P. Carey School of Business, Management

Hui Xie Global Financial Management Dissertation: Analysis of the Role of Over-allotment Option in Hong Kong IPO Chair: Bin Gu, W. P. Carey School of Business, Information Systems

Ke Xu Global Financial Management Dissertation: Research on the Influence of PPP Introduction on Urban Planning and Construction Chair: Pei-yu Chen, W. P. Carey School of Business, Information Systems

Su Yang Global Financial Management Dissertation: Study of Industrial Park Financing Service in Cold Chain Logistics Enterprises Chair: Wei Shen, W. P. Carey School of Business, Management

Yu Yang Global Financial Management Dissertation: Empirical Research on Influencing Factors of Information Sharing in Home Supply Chain Chair: Bin Gu, W. P. Carey School of Business, Information Systems

Xiaowei Yin Global Financial Management Dissertation: Study on the Impact of Chinese Herbal Medicine Prices Under the asymmetry of Information, the Mode of "Chinese Herbal Medicine Industry Chain Service Provider" Chair: Wei Shen, W. P. Carey School of Business, Management

Jinxing Zhao Global Financial Management Dissertation: Research on the Clearing Efficiency of Bank Card Cross-border Payment Funds Chair: Bin Gu, W. P. Carey School of Business, Information Systems

Liang Zhao Global Financial Management Dissertation: Is the PPP Model A Good Medicine for Promoting The Healthy Development of The Government Platform? – Panel Data Analysis of Government App from 50 Cities in East China Chair: Ker-Wei Pei, W. P. Carey School of Business, Accountancy

Laili Zheng Global Financial Management Dissertation: Empirical Study On Motivation Incentives Design of Chain Brand Retail Enterprises Chair: Ker-Wei Pei, W. P. Carey School of Business, Accountancy

DOCTOR OF EDUCATION

Toya Boudreaux Abrams Leadership and Innovation

Dissertation: Graduation is Not the Finish Line: Building Professional Teacher Identity in Pre-Service Teachers Chair: Elisabeth Ruth Gee, English

Elizabeth Ann Alsen Leadership and Innovation

Dissertation: Developing Critically Conscious Pre-Service Teachers: A Social Justice Approach to Educate Culturally Linguistically Diverse Students Chair: Ray Richard Buss, Mary Lou Fulton Teachers College

Allison Anne Atkins Leadership and

Innovation

Dissertation: Faculty Mentoring in an Academic Success Program Chair: Lauren Harris, Mary Lou Fulton Teachers College

Salina Michelle Bednarek Leadership and Innovation

Dissertation: Student Navigator Program: Retention of First Semester Nursing Students Chair: Kathleen S. Puckett, Mary Lou Fulton Teachers College

Sasha LeJane Billbe Leadership and Innovation

Dissertation: Fostering Creative Compassion in Honors Students Through Culturally Sustaining Pedagogy and Mindfulness Chair: Lauren Harris, Mary Lou Fulton Teachers College

Sarah Beth Brice Leadership and Innovation

Dissertation: Local Family Connection and Support Through the First Semester of College Chair: Lauren Harris, Mary Lou Fulton Teachers College

Eric Zachary Bucher Leadership and Innovation

Dissertation: Building Stronger Toddler Science Professional Learning and Development in Arizona Chair: Josephine Peyton Marsh, Mary Lou Fulton Teachers College

Rebecca Ann Castiglione Leadership and Innovation

Dissertation: Developing Growth Mindset Practices with Third Grade Math Teachers as a Means to Improve Student Math Mindset, Student Math Self-efficacy and Improve Student Achievement Chair: Josephine Peyton Marsh, Mary Lou Fulton Teachers College

Kevin Mark Chamorro Leadership and Innovation

Dissertation: Parent-Teacher Partnership: Workshops to Support Family Engagement in Student Reading Comprehension Chair: Craig Mertler, Mary Lou Fulton Teachers College

Deborah Jean Deibert Leadership and Innovation

Dissertation: Early Childhood Education/Educare Career Express ECE2: A Program for Retention and Completion of Community College Students in the Area of Child Development Chair: Josephine Peyton Marsh, Mary Lou Fulton Teachers College

Elora Denae Diaz Leadership and Innovation Dissertation: Building Interests in a Career in Teaching Among Latina/o Students at a Charter School Chair: Ray Richard Buss, Mary Lou Fulton Teachers College

Trisha Lynn Eardley Leadership and Innovation

Dissertation: Thesis Launch: Helping Students Begin the Undergraduate Honors Thesis Process Chair: Ray Richard Buss, Mary Lou Fulton Teachers College

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Dissertation: The Impact of Trained Peer Tutors on Students' Academic Performance in a Correctional Environment Chair: Elisabeth Ruth Gee, English

Rebecca Lynn Freauff Leadership and Innovation

Dissertation: Translating Teacher's Manuals into Digital Presentations: PowerPoint Presentations as Educative Curriculum Materials Chair: Molly C. Ott: Mary Lou Fulton Teachers College

Kira K. Gatewood Leadership and Innovation

Dissertation: Honoring Transitions: An Examination of Junior and Senior Honors Student Engagement Chair: Lauren Harris, Mary Lou Fulton Teachers College

Deborah P. Grimshaw Leadership and

Innovation

Dissertation: Developing Teacher Leader Identity Through Community of Practice Chair: Molly C. Ott, Mary Lou Fulton Teachers College

and Innovation

Dissertation: Shifting Locus of Control to Improve School Satisfaction Through Teacher -High School Student Mentoring Chair: Molly C. Ott, Mary Lou Fulton Teachers College

Sogol Homayoun Leadership and Innovation

Dissertation: An Evaluation of Business Students' Perceptions About Their Personal Everyday Creativity Chair: Ray Richard Buss, Mary Lou Fulton Teachers College

Kevin Lee Jaramillo Leadership and Innovation

Dissertation: A Study on Brazilian Secondary Teachers in a Community of Practice Focused on Critical Thinking Chair: Sherman J. Dorn, Mary Lou Fulton Teachers College

Andrew Curzon Lang Leadership and Innovation

Dissertation: Finding Community in Learning: Encouraging Group Learning and Cohesiveness in the Workplace Chair: Elisabeth Ruth Gee, English

Shannon Marie Lank Leadership and

Innovation

Dissertation: Compassion Fatigue in Higher Educaiton: Combatting the Problem No One Talks About Chair: Kathleen S. Puckett, Mary Lou Fulton

Chair: Kathleen S. Puckett, Mary Lou Fulton Teachers College

Timothy Paul Leyson Leadership and Innovation

Dissertation: Fostering Student Engagement in a Residential College Setting Chair: Ray Richard Buss, Mary Lou Fulton Teachers College

Cori Lynn Lomonte Leadership and Innovation

Dissertation: Producing Positive Perceptions: Effects of Video Production in Instructor Introduction Videos on Student Perceptions Chair: Kathleen S. Puckett, Mary Lou Fulton Teachers College

Jo Ann Lopez Martinez Leadership and Innovation

Dissertation: Activating Strengths During the Transition from Community College to University: A Phenomenological Study of Vulnerable Transfer Students Chair: Lauren Harris, Mary Lou Fulton

Teachers College

Maria Regina Matos Leadership and Innovation

Dissertation: Increasing Affinity Through Meaningful Student-Centric Activities Chair: Ray Richard Buss, Mary Lou Fulton Teachers College

Emerald Monique Ochonogor Leadership and Innovation

Dissertation: Professional Development and Teacher Self-Efficacy In Supporting Students with Special Needs Chair: Lauren Harris, Mary Lou Fulton Teachers College

Rashmi Rama Leadership and Innovation Dissertation: Collaborative Language Learning in Higher Education: Student Engagement and Language Self-Efficacy in a Communicative, Flipped Context Chair: Elisabeth Ruth Gee, English

Zachary Andrew Reeves-Blurton

Leadership and Innovation Dissertation: Our Many Hues: Supporting LGBTQ+ Students Through Mentorship, Identity Development and Community Engagement in College Chair: Kathleen S. Puckett, Mary Lou Fulton Teachers College

Brennan Maurice Roy Leadership and Innovation

Dissertation: Creating a Supportive Virtual Environment for Geographically-Dispersed Colleagues: A Mixed Methods Action Research Dissertation Chair: Josephine Peyton Marsh, Mary Lou Fulton Teachers College

Arturo Sanchez Educational

Administration and Supervision Dissertation: Measuring Success: Examining the Impact of Arizona's 4-Hour ELD Block Co-Chairs: Daniel Schugurensky, School of Public Affairs; Eugene Ernest Garcia, Mary Lou Fulton Teachers College

Lauren Nicole Savaglio Leadership and Innovation

Dissertation: The Impact of Faculty Mentoring on Self-Efficacy and College-Completion Perceptions in At-Risk Undergraduate Public Health Students Chair: Molly C. Ott, Mary Lou Fulton Teachers College

Obiageli Sneed Leadership and Innovation Dissertation: Fostering Student Engagement through an Online Community of Learning: A Mixed Methods Action Research Dissertation Chair: Molly C. Ott, Mary Lou Fulton Teachers College

Siddhartha Sreekaram Leadership and Innovation

Dissertation: Perceptions of New Adjuncts on the Optional Professional Development at University of California, Los Angeles Extension. Chair: Josephine Peyton Marsh, Mary Lou Fulton Teachers College

Lara Taggart Leadership and Innovation Dissertation: Sensational Families Chair: Kathleen S. Puckett, Mary Lou Fulton Teachers College

William Camp Vann Leadership and Innovation

Dissertation: Action Research Communities of Practice: Building Novice Teacher Self-Efficacy Chair: Josephine Peyton Marsh, Mary Lou Fulton Teachers College

Christopher Howard Vitelli Leadership and Innovation

Dissertation: Improving Levels of Employee Engagement Among Student Services Professionals Chair: Molly C. Ott, Mary Lou Fulton Teachers College

DOCTOR OF MUSICAL ARTS

Christopher Daniel Albrecht Music

(Performance)

Dissertation: The Compositions for Trumpet by Joseph Turrin: A Historical Overview Chair: David R. Hickman, School of Music

Fredrick Marcell Brown, Jr. Music

(Conducting)

Dissertation: An Annotated Bibliography to 21st Century Wind Chamber Music Chair: Gary Wayne Hill, School of Music

Woodrow Chenoweth Music (Performance)

Dissertation: New and Rare Works for Saxophone Quartet: A Recording, Performance Guide, and Composer Interviews Chair: Christopher Creviston, School of Music

Christiano da Cruz Ribeiro e Rodrigues

Music (Performance)

Dissertation: Giuseppe Tartini: The "Devil's Trill" Sonata, Arranged for Solo Violin Chair: Jonathan Ward Swartz, School of Music

Gibran Araújo de Souza Music

(Performance)

Dissertation: Transcribing English Virginal Music for Two Guitars: Historical Perspective, Methodology, and Practical Applications Chair: Frank William Koonce, School of Music

Vladimir Gebe Music (Performance) Dissertation: Hans Gal - His Style and Writing for the Violin in his Sonata In D for Violin and Piano Chair: Katherine Elizabeth McLin, School of Music

Wei Guo Music (Performance) Dissertation: Yintong Liu's Duet of Cello and Piano "Memorial II" Chair: Thomas Landschoot, School of Music

Joshua Haake Music (Performance) Dissertation: Bohumir Kryl (1875-1961): An American Musical Icon Chair: David R. Hickman, School of Music

Nayoung Ham Music (Performance) Dissertation: An Analytical Perspective and Performance Guide to Yuko Uébayashi's Misericordia for Flute and String Quartet Chair: Elizabeth Buck, School of Music

Jiyoun Hur Music (Performance) Dissertation: Warm-ups for Flute Chair: Elizabeth Buck, School of Music Taylor Grace Hutchinson Music (Performance) Dissertation: A textual and musical commentary of J. Guy Ropartz's Quatre Poèmes après l'Intermezzo d'Henri Heine

Chair: Andrew Campbell, School of Music

Brice Lowell Johnson Music

(Music Composition) Dissertation: Light Emerging: A Symphonic Dance Suite for Chamber Orchestra and Electronics Chair: Rodney Irl Rogers, School of Music

Olga Kim *Music (Performance)*

Dissertation: A New Piano Reduction of the Glazunov Concerto for Violin and Orchestra in A minor Op.82 Chair: Andrew Campbell, School of Music

Garrett Lane Klein Music (Performance) Dissertation: Four Contemporary Trumpet Sonatas: A Recording Project and Performer's Guide Chair: David R. Hickman, School of Music

Paul Andrew Koch Music (Conducting) Dissertation: An Examination of the Educational and Pedagogical Correlations Between the Arizona State Standards for Musical Proficiency and Annotated List of Select Win Band Repertoire Chair: Gary Wayne Hill, School of Music

Elizabeth Lynette Leyva Music

(Performance) Dissertation: Comparison of the Original Operetta Arizona Lady, by Emmerich Kálmán, with its 2015 Adaptation Performed by Arizona Opera Chair: Any Kusian Holbrook, School of Music

Paul Lynch Music (Performance) Dissertation: The Thomas G. Everett Collection: A Compendium of Selected Materials Donated by Bass Trombonist Thomas G. Everett Chair: Bradley William Edwards, School of Music

Olivia Lauren Meadows Music

(Performance)

Dissertation: A Program of Study for 21st Century Clarinet Techniques featuring Five New Compositions for Unaccompanied Clarinet Co-Chairs: Joshua Thomas Gardner, School of Music; Robert Samuel Spring, School of Music

Christopher Paul Mitchell Music

(Music Composition) Dissertation: Spectral Word Painting: Equal Temperament, Just Intonation and Overtone Spectra in Relation to the Siebenkas text in Blumenstück by Georg Friedrich Haas. Chair: Jody Darien Rockmaker, School of Music

Eunmi Oh Music (Conducting) Dissertation: Telemann's Psalm 117, Laudate Jehovam omnes gentes Chair: David Schildkret, School of Music

Zach Paris Music (Performance) Dissertation: Survey of Double Bass Drumming Chair: Jeffrey Burnell Smith, School of Music

Yeil Park Music (Performance) Dissertation: Cello Lessons via the Internet: Using Videoconferencing Technology to Enhance the Public-School Music Curriculum Co-Chairs: Jason Karl Caslor, School of Music; Thomas Landschoot, School of Music

Jeremy Larkham Ruth Music (Performance) Dissertation: Analysis of Using Vocalized Pitches to Produce Multiple Extended Techniques for Clarinet: A Method for Performers and a Resource for Composers Co-Chairs: Joshua Thomas Gardner, School of Music; Robert Samuel Spring, School of Music

Dale Sakamoto Music (Music Composition) Dissertation: Reverend Stormfield Goes to Heaven Chair: Rodney Irl Rogers, School of Music

Ho Michael Shui Music (Performance) Dissertation: A Rediscovered Genius Carl Czerny and His F minor Grand Piano Sonata Op.178: A Critical Analysis and Performance Guide Chair: Caio C. Pagano, School of Music

Kiefer Philip Strickland Music (Performance)

Dissertation: A Recording Project and Performance Guide for Three New Chamber Works Featuring Bassoon Chair: Albert John Micklich, School of Music

Kehui Wu Music (Performance) Dissertation: Difficulties for Chinese Vocalists in Singing French Art Songs Chair: David Britton, School of Music

Shengwen Wu Music (Performance) Dissertation: A Closer Look: The Art of Pete Fountain's Clarinet Language and Techniques Co-Chairs: Joshua Thomas Gardner, School of Music; Robert Samuel Spring, School of Music

Jihye Yoo Music (Performance) Dissertation: An Awareness of the Clara Motive in Dichterliebe by Robert Schumann Chair: Andrew Campbell, School of Music

Hyun Sun Yoon Music (Performance) Dissertation: Jody Rockmaker's Character Pieces for Viola and Piano (2014): A Study and Recording Chair: Nancy Buck, School of Music

Aihua Zhang Music (Performance) Dissertation: Combining Old Styles and Virtuosity: A Performer's Guide to Sergei Taneyev's Concert Suite for Violin and Orchestra Chair: Danwen Jiang, School of Music

DOCTOR OF NURSING PRACTICE

Mhylee Mhyree Allen-Advanced Nursing Practice (Neonatal Nurse Practitioner) Cecilia Isabel Alvarado-Advanced Nursing Practice (Family Nurse Practitioner) Nicole Marie Anderson—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Zachary Taylor Backlin-Advanced Nursing Practice (Family Nurse Practitioner) Emily Kathryne Blau-Advanced Nursing Practice (Family Nurse Practitioner) Ryan Herbert Boothe—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Jennifer Eileen Brown-Advanced Nursing Practice (Pediatric Nurse Practitioner)

Ana Maria Burger—Advanced Nursing Practice (Family Nurse Practitioner) Roger Albert Conant—Advanced Nursing Practice (Adult-Gerontology *Nurse Practitioner*) Erin Craft-Otterbacher—Advanced Nursing Practice (Family Nurse Practitioner) Christine Creen—Advanced Nursing Practice (Family Nurse Practitioner) Stephanie Marie Dailey - Advanced Nursing Practice (Family Nurse Practitioner) Stephanie Dianne De Santiago-Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Sara Dyane Diaz-Ingram—Advanced Nursing Practice (Family Nurse Practitioner) Gustavo Durazo, Jr.—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner)

Angela Lee Fountain—Advanced Nursing Practice (Innovation Leadership) Emylie Anne Gott—Advanced Nursing Practice (Family Nurse Practitioner) Anna Belle Hershkowitz—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner)

Cheyenna Lynne Kopacz—Advanced Nursing Practice (Family Nurse Practitioner)

- Delaney Norene Kranz—Advanced Nursing Practice (Family Nurse Practitioner)
- Abagail Rosette Krick Advanced Nursing Practice (Family Nurse Practitioner)

Wairimu Kungu—Advanced Nursing Practice (Family Nurse Practitioner)

Rebecca Jane Landon—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner)

- Shane Desmond Lucero—Advanced Nursing Practice (Family Nurse Practitioner)
- Amy Suzanne Mabry—Advanced Nursing Practice (Pediatric Nurse Practitioner)

Roberta Kay Maixner—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner)

Rey Jericoh P. Manalese—Advanced Nursing Practice (Family Nurse Practitioner)

- Toyin Marcus—Advanced Nursing Practice (Family Nurse Practitioner)
- Mandy Lane Mortazavi—Advanced Nursing Practice (Pediatric Nurse Practitioner)
- Albert K. Pierce, Jr.—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner)
- Adalivia Resendiz-Casas—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner)
- Sarah Allen Richhart—Advanced Nursing Practice (Pediatric Nurse Practitioner)

Jodi Ann Riggs—Advanced Nursing Practice (Pediatric Nurse Practitioner)

- Sandra Robles—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner)
- Heather Anne Ryan—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner)
- Graham Carl Sawicki—Advanced Nursing Practice (Family Nurse Practitioner)
- Sara Therese Shanah—Advanced Nursing Practice (Women's Health NP)
- Melissa Beth Shelby—Advanced Nursing Practice (Innovation Leadership)
- Hannah Grace Smith—Advanced Nursing Practice (Family Nurse Practitioner)
- Allison Kay Solarz—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner)
- Anna Janet P. Trejo—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner)
- Catherine Victoria Tretiakova—Advanced Nursing Practice (Pediatric Nurse Practitioner)
- Melissa Ann Two—Advanced Nursing Practice (Pediatric Nurse Practitioner)
- Kimberly Vice—Advanced Nursing Practice (Women's Health NP)
- Jessica Noel Wagner—Advanced Nursing Practice (Family Nurse Practitioner)
- Rita T. Wermers—Advanced Nursing Practice (Innovation Leadership)
- Deborah Lynn White—Advanced Nursing Practice (Family Nurse Practitioner)
- Brittney Kathleen Whitney—Advanced Nursing Practice (Women's Health NP)
- Sarah Jean Zavala—Advanced Nursing Practice (Family Nurse Practitioner)

SANDRA DAY O'CONNOR COLLEGE OF LAW (Established 1967)

DOUGLAS J. SYLVESTER, JD, LLM Dean and Professor of Law

DIANA BOWMAN, LLB, PHD Associate Dean for International Engagement and Associate Professor of Law

ADAM CHODOROW, JD, MA, LLM Associate Dean for Academic Affairs and Professor of Law

ZACHARY KRAMER, JD Associate Dean of Faculty and Professor of Law

ERIC MENKHUS, JD, MBA Associate Dean, New Education Initiatives and Clinical Professor of Law

SANDRA DAY O'CONNOR COLLEGE OF LAW CONVOCATION

6:00 p.m., Wednesday, May 8, 2019 Comerica Theatre, Phoenix

*PROCESSION OF FACULTY AND CANDIDATES

OPENING REMARKS Interim Dean Adam Chodorow

CONVOCATION ADDRESS Senator Kyrsten Sinema

PRESENTATION AND HOODING OF LLM CANDIDATES

PRESENTATION AND HOODING OF JD CANDIDATES

CLOSING REMARKS Interim Dean Adam Chodorow

***RECESSION OF FACULTY AND CANDIDATES**

*Audience should stand for these portions of the program.

The Sandra Day O'Connor College of Law at Arizona State University has been committed to innovation from the beginning. Its founding faculty embraced a forward-looking approach while retaining important aspects of traditional legal education befitting a young school in a growing city.

From its inception, the College has provided extensive training in practical legal skills, offering students a firm foundation in lawyering before they become practicing attorneys. Today, the College of Law has one of the strongest legal writing programs in the country, provides myriad field placement opportunities, and offers a variety of clinics that allow students to get hands-on experience while providing indigent members of the community with valuable legal assistance.

In the five decades since its founding, the College of Law has grown in size and national prominence, assembling an acclaimed faculty, while continuing to offer innovative approaches to legal education. The Center for Law, Science & Innovation is the nation's first and largest academic center focused on the intersection of law and science and offers the country's only LLM in Biotechnology and Genomics. The Center for Public Health Law and Policy and the Law and Sustainability Center offer specialized Certificates, and the Indian Legal Program, arguably the leading program on Indian law in the country, offers an LLM in Tribal Policy, Law, and Government, Certificate in Indian Law, and the Indian Legal Clinic. The Lodestar Dispute Resolution Center offers training in conflict resolution, and The Sports Law and Business Program provides students critical legal and business training and hands-on experiences in the field of sports. The Center for Law and Global Affairs and the International Rule of Law and Security Program, located in Washington, D.C., support and inspire research, education, and practice regarding emerging forms of transnational governance. In addition to these programs, the College of Law continues to provide opportunities for its students and graduates with innovative endeavors such as a nonprofit law firm, an employer outreach initiative, and a faculty and staff committed to student success.

The College of Law bridges the gap between theory and practice, and our faculty and students address many of the pressing legal and public policy challenges of our time.

SANDRA DAY O'CONNOR COLLEGE OF LAW

CANDIDATES FOR MASTER OF LAWS (LLM)

Sergio Ivan Favela

Demyra Hover

Valerian Kemunto Ombati

CANDIDATES FOR THE JURIS DOCTOR (JD)

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SANDRA DAY O'CONNOR COLLEGE OF LAW GRADUATE CONVOCATION

6:00 p.m., Tuesday, May 7, 2019 W. P. Carey Armstrong Great Hall Beus Center for Law and Society

*PROCESSION OF FACULTY AND CANDIDATES

OPENING REMARKS Interim Dean Adam Chodorow

CONVOCATION ADDRESS

Steve Leach Chair Emeritus Fiesta Bowl Board of Directors

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PRESENTATION AND HOODING OF MSLB CANDIDATES

CLOSING REMARKS Interim Dean Adam Chodorow

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*Audience should stand for these portions of the program.

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HERBERGER INSTITUTE FOR DESIGN AND THE ARTS

MASTER OF ARCHITECTURE

Muneera Haif M Alkahtani Aaron Stewart Amundsen Alan Omar Ayon Jeffrey E. Bloker Paige Elizabeth Brunn Tristan Thomas Carlson Javier Carrasco Hector E. Diaz Xueying Fan Saman Fattahi Grant James Sydney England Hildebrandt Azin Jasmine Iganian Vaishnavi Vinayak Joshi Avalon Faith Leavens Haley Ann McGrath Tierra Renee Miller Funmilola Tosin Oluleye Khalil Jawanza Parris Andrej Pyndzyn Nicholas Dean Raccosta Genesis Ramos Eduardo Sanchez Riley Sean Schwenn Jana Jo Skidmore Cassandra Lynell Frantz Strauss Ashika Surasani Anthony Svelto Serghei Sari Terzi Aleksandra Tesanovic Wei Tian Srdjan Todorovic Jessica Aimee Tsepal Yan Wang Shuo Wang

MASTER OF ARTS

Yipaer Aierken—Art (Art History) Natalie Dawn Booth—Creative Enterprise and Cultural Leadership Johnny Castro—Creative Enterprise and Cultural Leadership Shuna Chen—Creative Enterprise and Cultural Leadership Victoria Ann Choin—Music (Musicology) Darren Luis Cueva—Music (Musicology) Charis Allene Elliott—Digital Culture Julian Jose Enriquez—Digital Culture Kyle Steven Hoefer—*Digital Culture* Raymond Russell Lebert—*Music* (*Ethnomusicology*) Yue Liu—*Media Arts and Sciences* Daisy Jane Nolz—*Digital Culture* Allison Ann Porterfield—*Creative Enterprise and Cultural Leadership* Meghan Amanda Smiley—Art (Art History) Shaun P. Ylatupa-Mcwhorter—*Digital Culture*

MASTER OF FINE ARTS

Laina Reese Carney-Dance Young Nae Choi-Theatre (Theatre For Youth) Brandi Lee Cooper-Art Krista-Leigh Davis-Art Michael Loren Diaz-Art Huixian Dong-Theatre (Arts Entrepreneurship and Management) Ashlev Louise Fisher-Art Carlos Alberto Garcia-Art Malena Whitney Grosz-Theatre (Arts Entrepreneurship and Management) Joanna Elizabeth Guevara-Theatre (Arts Entrepreneurship and Management) Joshua Gutierrez-Art Jesse Michael Hixson-Theatre (Arts Entrepreneurship and Management) Yayi Hu-Dance Michael E. Jacobs-Art Lena M. Klett-Art Zijia Kong-Dance

Laura Elizabeth Korch Bailey-Art Valerie Angelina Lyons-Art Anthony Michael Mead-Art Mario Munguia, Jr.-Art Ross Mathias Quesnell-Art Kelsey Marguerite Reiman-Art Brandon Dwayne Riley-Theatre (Dramatic Writing) Danica Golden Rosengren-Theatre (Theatre For Youth) Mark Alan Swinerton - Theatre (Theatre For Youth) Elizabeth Mary Taber-Art Jennifer May Tuchband - Theatre (Arts Entrepreneurship and Management) Tiana Suzanne Turner — Theatre (Theatre For Youth) Eric Villiers—Theatre (Theatre For Youth) Monica Carmen Wapaha-Art Jonathan Rashad Wright-Art

MASTER OF INDUSTRIAL DESIGN

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MASTER OF INTERIOR ARCHITECTURE

Maryam Patricia Ali Bradley Tanner Cantin Joseph Carlo Oarde Daite Courtney Blenda Davis Whitney Breann Fearing Jennifer L. Grysho

MASTER OF MUSIC

Sharyn Lynn Absher-Music Education Charles Frank Aldrich - Performance (Music Theatre/Opera Performance) Matthew Kendall Allen-Performance (Performance) Cory Michael Burris-Performance (Collaborative Piano) Zuoquan Chen—Performance (Performance) Diana Ruth Norwood Clark-Music Education Emily Jinju Cottam-Performance (Music Theatre/Opera Performance) Nathaniel Junior De La Cruz Daga-Performance (Performance) Jayson Owen Davis-Performance (Performance) Susan Jeanne Dickens-Music Education Patrick Francis Feher-Performance (Performance) Breanna Marie Ghostone-Performance (Music Theatre/Opera Performance) Jedd Greenhalgh-Composition Danielle Lee Hutchison-Performance (Music Theatre/Opera Performance) Inna Atanasova Karsheva-Performance (Performance) Yoshiko Kato-Music Therapy Julia Swan Laird-Performance (Music Theatre/Opera Performance) David Lorenzo Larson-Performance (Music Theatre/Opera Performance) Xingyan Liu-Music Education

Shaylin Lorenz-Music Education Matthew Raven McClintock-Performance (Performance) Milagros Margarita Gallardo Munoz-Performance (Performance) David Nelson – Performance (Music Theatre/Opera Performance) Hayley Susanne Park-Music Therapy Zachary Scott Ploeger—Performance (Performance) Kristian Silviano Rodriguez-Composition Amanda Joy Romani-Performance (Performance) Katherine Elizabeth Sample-Music Therapy Stephen Earnest Senseman-Performance (Performance) Nellie Ann Shuford-Performance (Music Theatre/Opera Performance) Anne Catherine Stillwagon-Music Education Michael Alexander Tallino-Smith-Performance (Music Theatre/ **Opera Performance**) Katelyn Rae Vincent-Composition Leia Elizabeth Lachman Wasbotten-Performance (Performance Pedagogy) Yifei Xia-Music Education Joyce Soyoung Yi-Performance (Performance Pedagogy) Shuxiao Zhang—*Performance (Performance)*

MASTER OF SCIENCE

Ashika Surasani—Built Environment (Energy Performance and Climate Responsive Architecture)

MASTER OF SCIENCE IN DESIGN

Noof Fahad M Alaboudi—Design (Interior Design)

MASTER OF URBAN DESIGN

Ishan Garg

Avalon Faith Leavens

MASTER OF VISUAL COMMUNICATION DESIGN

Yu Chi Chiueh Lin Fan Aja Marie Garrison Justin Edward Gilbert Wenyi Gu Emily Teruko Hanaoka Jiaxin Li Eunju Park Radhika Sant Desiree Sierra Amanda Sornsin Margaret Kay Sullivan Qiner Wang Patience G. Woolridge

IRAA. FULTON SCHOOLS OF ENGINEERING

MASTER OF COMPUTER SCIENCE

Saurabh Bhanudas Abhale—Computer Science Soumya Adhya-Computer Science (Big Data Systems) Ashish Agarwal—Computer Science (Big Data Systems) Shivam Agarwal—Computer Science (Big Data Systems) Iden Alba-Computer Science (Big Data Systems) Vivek Nareshkumar Amin-Computer Science Santoshkumar Amisagadda-Computer Science Ankit Anand-Computer Science Harish Anantharaman-Computer Science Ryan P. Ang-Computer Science Laveena Bachani-Computer Science (Big Data Systems) Reece Bailey-Computer Science (Big Data Systems) Hariharan Balasubramani-Computer Science Rohit Balasubramanian—Computer Science Bhavani Balasubramanyam-Computer Science Aditi Baraskar-Computer Science Jagdeesh Basavaraju-Computer Science Aravind Prakash Baskaran – *Computer Science* Krishna Chaitanya Bejjipuram-Computer Science Yash Anil Belorkar-Computer Science Sumeet Bhalla-Computer Science Samarth Bhandari—*Computer Science* Rohit Ramesh Bhanushali-Computer Science Achyutha Sreenivasa Bharadwaj—Computer Science Ramanuj Bhattacharjee-Computer Science Stephanie Rachael Bienz-Computer Science

Matthew Art John Borgerson-Computer Science Brandyn Jeffrey Buck-Computer Science Dharmesh Charugundla—Computer Science Aditya Chayapathy - Computer Science Vince Chiang-Computer Science Hasitha Chikkala – *Computer Science* Bhavana Chinta—Computer Science (Big Data Systems) Bharath Damodaran—Computer Science Supriyaa Damodaraswamy—*Computer Science* Cody Hideo Wasim Dana—Computer Science Tej Tharang Dandala—Computer Science Denim Datta-Computer Science Gennaro De Luca-Computer Science Pranav Deshpande-Computer Science Dharmin Ghanshyambhai Dholiya-**Computer Science** Jigar Domadia—Computer Science Venkata Manoj Reddy Dwarsala-Computer Science (Big Data Systems) Sai Pragna Etikyala—Computer Science Ryan Matthew Everhart—Computer Science Sarah Fallah-Adl-Computer Science (Big Data Systems) Kunal Himanshu Gaglani-Computer Science Srinath Ganesan-Computer Science Channabasava Gola—*Computer Science* Sam Sunder Golla-Computer Science Prashant Balajirao Gonarkar-Computer Science (Big Data Systems) Bharath Chandrashekar Gunari-Computer Science Lei Guo-Computer Science Longyue Han — Computer Science

Yi Han—Computer Science Pranav Ashok Havanurkar—Computer Science Harsha Vardhan Reddy Illuri-Computer Science Ninad Himmat Jadhav—Computer Science Abhishek Jain-Computer Science Prateek Jain-Computer Science Chandramouli Janakiraman—*Computer* Science (Cybersecurity) Segundino Marcus Jaucian-Computer Science Krishna Chaitanya Jinka-Computer Science Ankit Kadam-Computer Science Somaraju Kalidindi-Computer Science Angadsingh Ravindrasingh Kalra-**Computer Science** Mayuri Dattaram Kambli—*Computer* Science (Big Data Systems) Radha Kannan-Computer Science Satya Srinija Kanteti-Computer Science Arpit Nainishkumar Kapadia—*Computer* Science Shashank Kapoor—Computer Science (Big Data Systems) Venkatakrishnan Karthikeyan-Computer Science Prajwal Suresh Kodi-Computer Science Sumanth Kodumuru—Computer Science Mugdha Kolhe-Computer Science Pooja Kosala-Computer Science Naveen Kumar Krishnasamy-Computer Science Sameer Kulkarni-Computer Science Satheesh Kurunthiah—*Computer Science* Chenyang Li-Computer Science Shi-Hao Liu-Computer Science Wentao Liu—Computer Science (Big Data Systems) Midhun Pookkottil Madhusoodanan-Computer Science Deepak Mahudeswaran—Computer Science Naga Subrahmanya Sai Tarun Malladi-**Computer Science** Arun Karthick Manickam Alagar Muthumanickam-Computer Science Goutham Hanumanthappa Manjunatha-**Computer Science** Tanmay Sandeep Manolkar-Computer Science Nicholas Laird Martinez-Computer Science Habib Matar—Computer Science Abhay Mathur—Computer Science Dishank Vishal Mehta-Computer Science Janit Hitendra Mehta-Computer Science Pratik Mishra-Computer Science

Rishabh Mishra-Computer Science

Ashni Shailesh Modi-Computer Science Aishwarya Mohan—Computer Science Venkatesan Murali-Computer Science Akhila Sainagaki Murella-Computer Science Akhila Muthyala—Computer Science Amulya Mysore—Computer Science (Big Data Systems) Krithika Narayanan—*Computer Science* Thiviyakalyani Navaneethan—Computer Science (Big Data Systems) Jad Nawfal-Computer Science Victoria Lynn Ottenheimer-Computer Science Geeta Krishna Panda-Computer Science Sukanya Panda-Computer Science Pranjal Pandurang Pangaonkar-Computer Science (Big Data Systems) Darsh Milan Parikh—Computer Science Dhrumil Mukeshbhai Parmar—Computer Science Prarthana Rajnikant Patel—Computer Science Swaraj Rajesh Patel-Computer Science Shubham Madhusudan Pathak - Computer Science Bosco Frank Paul-Computer Science Jithin Perumpral John—Computer Science Waris Phupaibul—Computer Science (Big Data Systems) Rohit Polisetti-Computer Science Saumya Priya—Computer Science (Big Data Systems) Vinay Bhargav Arni Ragunathan—Computer Science Harini Ramamurthy-Computer Science Vishnunarayanan Ramasubramanian-**Computer Science** Dipika Ramaswamy—Computer Science Shiva Tejaswi Rampally-Computer Science Sai Pranav Rangabhatla—Computer Science Prarthana Ranganathan—Computer Science Manoj Shankar Ananda Vijayan Jeyanthi Rani-Computer Science Anvitha Dinesh Rao—*Computer Science* Harish Ravichandran—Computer Science Sucharitha Rumesh-Computer Science Manthan Deven Sanghavi-Computer Science Soundarya Sankarasubramanian—*Computer* Science (Big Data Systems) John Santhosh-Computer Science Akshay Muraleedharan Nair Santhy-**Computer Science** Abika Packia Chitra Santhosh Kumar-Computer Science Athithyaa Selvam—Computer Science Shreekrishna Prasad Sethuraman-Computer Science Kiran Teja Settipalli-Computer Science

Sirish Pabbi Setty-Computer Science Abhishek Nilesh Shah-Computer Science Aditya Shishir Shah—Computer Science Dhrumil Shah—Computer Science Malav Pareshkumar Shah-Computer Science Malay Sanjaykumar Shah-Computer Science Naitik Shah-Computer Science Aravind Shanmugam – Computer Science Sachin Sundar Pungampalayam Shanmugasundaram-Computer Science Shikhar Sharma-Computer Science (Big Data Systems) Prit Sheth-Computer Science Dhanush Shetty-Computer Science Abhijith Shreesh—Computer Science Chandni Shrivastava-Computer Science Vedant Amrish Shukla-Computer Science Nikhil Kumar Singh—Computer Science Moumita Sinha-Computer Science Divya Prakash Sivakumar—Computer Science Ananta Balkrishna Soneji-Computer Science Srinidhi Sridharan – Computer Science Siddhant Sudan—Computer Science Kunal Sutradhar—*Computer Science* Srividhya Swaminathan-Computer Science Amisha Thakkar-Computer Science Abhinethri Tumkur Umesh-Computer Science Ravi Teja Upmaka-Computer Science Rakshaa Vaidyanathan—Computer Science Rohith Reddy Vajrala—Computer Science Bhargava Varadharajan—Computer Science Hariharan Adhithya Venkatraman—Computer Science Suchita Sudhir Vichare—Computer Science Sahan Hittalmani Vishwas—Computer Science Minghao Wei-Computer Science Yuhao Yang—Computer Science (Big Data Systems) Shengkai Zhang-Computer Science (Big Data Systems)

MASTER OF ENGINEERING

Lisa Nicole Conner Ard Joe Mitchell Balof Trevor Bratton Eduardo Javier Pereira Candanedo Sarah Cleaver Victoria Axinia Comeau Christopher Jon Healey James Michael Thomas Hines Sarah Margaret Mertz Rahul Dev Randhawa Shane Michael Rittenhouse Joshua John Rothacker Kellea Danielle Salcido Robson Ladeia Serafim Lee Howard Storch Joshua Christopher Walbert

MASTER OF SCIENCE

Adnan Abdullahi – Mechanical Engineering Eugene Ablordeppey—Biomedical Engineering Jad Aboul Hosn-Computer Engineering (Computer Systems) Sharayu Sharad Acharya-Computer Engineering (Electrical Engineering) Katherine Bahia Adams-Industrial Engineering Wade Silas Adams-Manufacturing Engineering Shaheeda Arkoh Bensua Adusei-**Biomedical Engineering** Ayushi Agarwal—Computer Engineering (Electrical Engineering) Himanshu Aggarwal—Industrial Engineering Andrew Joseph Agrusa-Engineering Chetanya Ahuja—Software Engineering Abdulaziz M A H A Akbar – Mechanical Engineering Renaad Mohammed Alawi-Biomedical Engineering

Bassam Ahmad Albannai - Electrical Engineering Mohammad Abdul Kareem ELayyan Aldaaja-**Construction Management** John Zachary Alden—Software Engineering Alexander Steven Aldi-Civil, Environmental and Sustainable Engineering Mohammad Hathboor Saeed Alhuwaidi Alghfeli—*Chemical Engineering* Omar Khalid Algonaian-Construction Management Andrew Alonso—Aerospace Engineering Mohanad Mahmood Al Sabti-Mechanical Engineering Ahmed Mohammed Saeed Mohammed Alteneiji—Chemical Engineering Douglas Amoo-Sargon-Biomedical Engineering Prince Kwame Ampofo-Biomedical Engineering Jasmine Danielle Anderson-Mechanical Engineering

Gede Putra Andiyastika-Mechanical Engineering Roshan Sameer Annam-Mechanical Engineering Adil Ansari—Mechanical Engineering Skyler Wayne Anselmo—Engineering Jacob John Arce-Engineering Zachary Daniel Arce—*Engineering* Francisco Javier Lopez Arellano-Biomedical Engineering Pooja Arularasu—*Chemical Engineering* Hilda Dzifa Asemsro Amegandji-**Construction Management** Fahhad Ahmed Farouk Ashour-Biomedical Engineering Nikita Bahl—Software Engineering Hrishikesh Sudhir Bajad-Computer Engineering (Computer Systems) Brian Robert Baker-Materials Science and Engineering Sanchari Banerjee—Software Engineering Shankar Shivakumar Bangalore-Mechanical Engineering Charles Michael Banke—Aerospace Engineering Zelin Bao—*Software Engineering* Bryan Daniel Barnes—Engineering Trevor Paul Barron-Computer Science Pratik Sanjeev Bartakke-Software Engineering Benjamin Eric Beechamp-Mechanical Engineering Michael Carlos Bejarano-Biomedical Engineering Sara Alison Belko-Biomedical Engineering Rebecca Christa Bell-Engineering Rhituraj Ramchandra Bhalerao-Industrial Engineering Karansher Bhangal—Software Engineering Viren Kanji Bhanushali—Industrial Engineering Jay Bharat Bhanushali—Industrial Engineering Kritika Bhat—Software Engineering Vihar Janardan Bhatt—Software Engineering Rishav Bhattacharya-Civil, Environmental and Sustainable Engineering Debarati Bhattacharyya—Software Engineering Nicholas Troy Bingham-Mechanical Engineering Amaresh Bingumalla—*Software Engineering* Sudhanshu Biyani—*Mechanical Engineering* George Boben-Industrial Engineering Madhavi Latha Bodeddula-Software Engineering Mrunal Sambhaji Bodhe-Computer Engineering (Electrical Engineering)

Scott Boege—*Biomedical Engineering*

Brandon Richard Boepple-Chemical Engineering Chinmay Bolumbu—*Computer Engineering* (Electrical Engineering) Mounika Bommareddy-Computer Engineering (Electrical Engineering) Shruthi Keerthi Bommireddipalli-Industrial Engineering Hailey R. Boshell—Mechanical Engineering William Angelo Boyd—Computer Science Amy Marie Davis Bonillas-Information Technology Eric John Brinkman-Construction Management Peter John Brown—Construction Management Justin Taylor Brozzo—Industrial Engineering Lauren Elizabeth Brunacini-Mechanical Engineering Kevin Bui—Mechanical Engineering Chirag Prakash Bumb—Software Engineering Hailey Rose Burch—Mechanical Engineering Kyle John Burgard—*Mechanical Engineering* Kylee Rae Burgess-Engineering Luke Michael Burgett—Aerospace Engineering Jared Neil Byron—Aerospace Engineering Calvin Jon Caldwell-Engineering Adalberto Vazquez Campos-Mechanical Engineering Yuan Cao—*Software Engineering* Nikolas Daniel Carlow-Mechanical Engineering Michael Thomas Catchings-Biomedical Engineering Adithya Krishna Raja Challuru-Mechanical Engineering Sreenithy Chandran—*Electrical Engineering* Sidharth Chandrasekaran-Industrial Engineering Ramya Chandrashekar—Information Technology Varun Chandrashekar—Computer Engineering (Computer Systems) Celine Chang—*Mechanical Engineering* Nicole Lee Chappell—Industrial Engineering Debpratim Chatterjee—Industrial Engineering Samir Vivek Chaudhari—Aerospace Engineering Subhrajyoti Chaudhuri-Mechanical Engineering Sai Chavan—Mechanical Engineering Din Chun Chen-Engineering Xiahui Chen—Electrical Engineering Sruthi Chengalrayan—Mechanical Engineering Sachin Chhabra-Computer Science Yi-Shao Chien—*Computer Engineering*

(Electrical Engineering)

Nagarjun Chinnari-Computer Engineering (Electrical Engineering) Ashley Rose Chinzi-Human Systems Engineering Rohit Chatraram Choudhary-Computer Engineering (Electrical Engineering) Kunwar Chowhan—*Computer Engineering* (Computer Systems) Asritha Chowdary Chunduri-Computer Engineering (Computer Systems) Cordis Cleaveland—Aerospace Engineering Patrick Tyler Conely-Biomedical Engineering Victoria Lee Coon-Human Systems Engineering Emilio Ty Couchee—Mechanical Engineering Daniel Coxe—Mechanical Engineering Matthew Joseph Crovetti-Mechanical Engineering Amogh Prashant Dabak-Mechanical Engineering Vidit Atulkumar Dabhi-Mechanical Engineering Gururaj Shashikant Daptardar-Chemical Engineering Sreeram Krishna Das-Computer Engineering (Electrical Engineering) Soham Dasgupta—Information Technology Shivang S. Dave—Mechanical Engineering Parker William Davis—Electrical Engineering Melissa Louise Day-Software Engineering Nicholas Clifford Day-Human Systems Engineering Ranadeep Deb—Computer Engineering (Electrical Engineering) Dylan Jerome DeBruin—Chemical Engineering Lauryn Midori De La Torre-Chemical Engineering Darshav Shaileshkumar Desai-Mechanical Engineering Dhruti Asit Desai-Software Engineering Abhishek Rajendra Deshpande-Industrial Engineering Soham Sunil Deshpande—Civil, Environmental and Sustainable Engineering Swetha Deshpande—Computer Engineering (Electrical Engineering) Sanay Vinay Devi—Software Engineering Shruti Dharmaraj-Biomedical Engineering Dhruv Kantilal Dholaria-Chemical Engineering Sai Nageswara Koushik Dhumantarao-Computer Engineering (Computer Systems) Nicholas Alan Dhuyvetter-Mechanical Engineering Lisa Keri Dietrich-Civil, Environmental and Sustainable Engineering

Xiaosu Ding-Construction Management K Divya-Computer Engineering (Computer Systems) Abhinav Dixit-Electrical Engineering Madhulika Dolke—*Computer Engineering* (Computer Systems) Vidya Donepudi - Computer Engineering (Electrical Engineering) Vishwakumar Dhaneshbhai Doshi-Computer Engineering (Computer Systems) Himanshu Dua—Software Engineering Nidhi Dubey—Computer Engineering (Computer Systems) Jacob Emerson Dull-Engineering Eileen Elizabeth Dunn-Environmental and Resource Management (Water Management) Ananya Dutta-Software Engineering Chase James Ebiner—Mechanical Engineering Lucien El Asmar-Construction Management Herve Willy Nkoumba Elemva-Computer Engineering (Electrical Engineering) Jennifer Escalante—*Mechanical Engineering* Conrad Michael Evans III-Mechanical Engineering Edward Joseph Faillace-Mechanical Engineering Kuei Fang-Computer Engineering (Electrical Engineering) Joshua Michael Fixel—Aerospace Engineering Chandler James Petrovich Flynn-Mechanical Engineering Trevor Otto Forrey—Software Engineering Collin William Foster-Mechanical Engineering Gaurav Fotedar-Computer Engineering (Computer Systems) Kristofer Cole Frede—Aerospace Engineering Hardik Mukesh Furia—Computer Engineering (Computer Systems) Sai Nikhila Reddy Gaddam-Industrial Engineering Sushrut Jigneshbhai Gandhi-Mechanical Engineering Naga Chaitanya Ganzam-Aerospace Engineering Allan Edward Garry - Aerospace Engineering Brandon Michael Gatto-Information Technology Swapnil Santosh Gharat-Industrial Engineering Travis Giam—Engineering Giriraj-Computer Engineering (Computer Systems) Erin Glavin—Industrial Engineering

Jonathan Gabriel Glenn-Chemical Engineering Sivaroophini Gnanavel—Computer Engineering (Electrical Engineering) Yathartha Goel—Software Engineering Molly Kate Golek—Biomedical Engineering Sai Sudarsan Gollanapalli-Computer Engineering (Computer Systems) Anirudh Reddy Goluguri-Industrial Engineering Dennis Gomez-Human Systems Engineering Karime Jocelyn Rosas Gómez-Biomedical Engineering Ruby Gomez—Mechanical Engineering Justin Michael Gonzales-Materials Science and Engineering Amanda Jane Gonzalez—Aerospace Engineering Diana Laura Gonzalez-Civil, Environmental and Sustainable Engineering Arjun Gopal—Mechanical Engineering Sai Phanendra Gorantla-Mechanical Engineering Dakota Tyler Graham-Biomedical Engineering Michael Andrew Gregory-Manufacturing Engineering Kishan Prudhvi Guddanti-Electrical Engineering Richard Anthony Guerrero II-Construction Management Ankul Gupta—*Electrical Engineering* Kamakshi Gupta-Computer Engineering (Computer Systems) Mahima Rajan Gupta—Software Engineering Rahul Gupta—Software Engineering Shubhangi Gupta—Software Engineering Syeda Fatima Hamna-Biomedical Engineering Junpei Hara-Civil, Environmental and Sustainable Engineering Trevor Shea Hatton-Environmental and **Resource Management** Brittney Morgan Hauke-Materials Science and Engineering Shibani Arvind Hegde—Software Engineering Christopher Robert Hidalgo, Jr.-Information Technology Peter Timothy Hillebrand-Biomedical Engineering Suprabhatha Holla-Industrial Engineering Shreyas Hosahalli Govindaraja-Software Engineering Chi-Ping Hsiung—Human Systems Engineering Jiawen Hu—Engineering

Yiru Hu—Software Engineering

Wenjiang Huang-Civil, Environmental and Sustainable Engineering Yu Chun Huang—*Computer Engineering* (Computer Systems) Mohammed Shaheen Mohamed Ibrahim-Industrial Engineering Kusum Ijari—Human Systems Engineering Syed Saad Imam—*Computer Engineering* (Computer Systems) Supriya Ramaswamy Iyer—Software Engineering Patryk Jablonski – Mechanical Engineering Uttam Chowdary Jagarlamudi-Computer Engineering (Electrical Engineering) Paulo Francisco Ferreira Jaime-Software Engineering Aishwarya Jain—Computer Engineering (*Electrical Engineering*) Ankit Jain—Industrial Engineering Ankur Arun Jain—*Mechanical Engineering* Dikshit Nenmal Jain—*Computer Engineering* (Computer Systems) Karan Jain – Computer Science Varsha Anil Jaisalmeria—Environmental and Resource Management Ashwini Bhimappa Jambagi-Electrical Engineering Akshit Jariwala—Mechanical Engineering Mohamed Ahmed Jatit—*Civil*. *Environmental* and Sustainable Engineering Vidu Chaturanga Jayanetti-Mechanical Engineering Jordan Kyle Jensen—*Computer Engineering* (Computer Systems) Navendra Jha—Information Technology Saheb Singh Johar—*Software Engineering* Eric Allen Johnson-Civil, Environmental and Sustainable Engineering William Johnson III—Engineering Carmel Mary Jose—Computer Engineering (Computer Systems) Akshay Jolly Joseph—Industrial Engineering Aditya Ravindra Joshi-Construction Management Samruddhi Mahesh Joshi-Computer Engineering (Computer Systems) Varun Joshi—*Computer Engineering* (Computer Systems) Venkata Sai Shirisha Kakarla-Software Engineering Aditya Kalyanaraman-Information Technology Niraj Nitin Kamat—Industrial Engineering Immanuella Kankam-Mechanical Engineering Karan Kailash Kantharia—Computer Engineering (Electrical Engineering)

Chao-Wei Kao-Mechanical Engineering Hsuan-Ting Kao-Computer Engineering (Computer Systems) Zubin Adil Kapadia-Software Engineering Drishty Kapoor-Software Engineering John David Kapron—Aerospace Engineering Avinash Karanam—*Computer Engineering* (Electrical Engineering) Erin Kalila Karasz-Materials Science and Engineering Naifeel Nasruddin Karovalia-Industrial Engineering Vineesha Kasam—Software Engineering Semir Kasumovic—Mechanical Engineering Harshitha Katpally—Software Engineering Saad Katrawala—Computer Engineering (Computer Systems) Shreyans Kedia—Mechanical Engineering Hari Siddarth Velaudampalayam Kesavan-Software Engineering Nada Mohamed Elsaid Elsayed Khalil-**Construction Management** Zankhan Dipakkumar Khamar-Mechanical Engineering Abdul Samad Khan—*Software Engineering* Kshitij Khandelwal-Information Technology Sarvesh Dinesh Khanna-Civil, Environmental and Sustainable Engineering Roozbeh Khodadadeh-Computer Science Mahzad Khoshlessan—Mechanical Engineering Monica Kiilehua-Industrial Engineering Jesse Isaiah Kimble—*Engineering* Jordan Daniel Kocher-Mechanical Engineering Tarun Kolla—Software Engineering Aravind Kommineni—Mechanical Engineering Venkat Akhil Korthiwada-Industrial Engineering Rajeev Reddy Kosireddy-Materials Science and Engineering Koushik Upendra Kotamraju-Software Engineering Sai Prajwal Kotamraju—Electrical Engineering Trincy Thomas Kozhikkadan-Computer Engineering (Electrical Engineering) Michael Kramer-Industrial Engineering Kaitlin Ellen Kreck—Mechanical Engineering Itai Goeta Kreisler-Biomedical Engineering Anand Kumar Krishnan-Electrical Engineering Naveen Krishnaswamy-Computer Engineering (Computer Systems) Avadhoot Kuchibhatla-Mechanical Engineering

Mandar Rajendra Kulkarni-Computer Engineering (Electrical Engineering) Mitali Suhas Kulkarni-Software Engineering Abhishek Kumar-Software Engineering Aditya Kumar-Software Engineering Avinash Mathad Vijaya Kumar-Software Engineering Karthik Shylesh Kumar-Computer Engineering (Computer Systems) Natalya Kumar—Software Engineering Pradeep Dhavak Kumar-Construction Management Sudharsan Kumar—Industrial Engineering Theodore Nicholas Kyriacou—Biomedical Engineering Minal Vishnu Laad—*Software Engineering* Jacob Scott LaBelle—Materials Science and Engineering David Lahtinen-Software Engineering Harsh Mohan Lal—Mechanical Engineering Nicholas Michael Lambert-Engineering Destiny Hope Lang-Human Systems Engineering Cecilia Aurora La Place-Software Engineering Maxwell Brock Lassise-Electrical Engineering Skandesh Bhaskar Lata—Mechanical Engineering Georgia Ann Latham—Environmental and Resource Management Michael Loren Lay—Chemical Engineering Robert William Leader-Aerospace Engineering Andrew Robert Levitsky-Biomedical Engineering Dongying Li—*Electrical Engineering* Liuwei Li—Industrial Engineering Ziyi Li—*Civil*, *Environmental and* Sustainable Engineering Bing-Huei Lin—*Computer Engineering* (Computer Systems) Chun-I Lin—Industrial Engineering Kyle Evan Lindley—Biomedical Engineering Pavan Kumar Linga—Computer Engineering (Computer Systems) Chunhui Liu—Electrical Engineering Jinglin Liu—Biomedical Engineering Libin Liu—Computer Engineering (Electrical Engineering) Yifu Liu—Electrical Engineering Charles Maxwell Lombardi—Engineering Xu Lu—Computer Engineering (Computer Systems) Linzhen Luo—*Computer Engineering* (Electrical Engineering) Shuman Luo—*Electrical Engineering*

Sowmya Madabhushi—Software Engineering Venkata Akhil Madaraju-Software Engineering Prashanth Reddy Maddi-Computer Engineering (Electrical Engineering) Victor A. Madrid—Aerospace Engineering Venkatesh Magham—Computer Science Aanchal Mahajan—*Software Engineering* Aman Maheshwari-Software Engineering Gaurang Pramod Makharia-Industrial Engineering Salil Malik—Software Engineering Dheemanth Bykere Mallikarjun-Computer Engineering (Computer Systems) Alexander Justin Maltagliati – Chemical Engineering Sai Tejaswi Manchukonda-Computer Engineering (Electrical Engineering) Siva Pranav Mandadi—Software Engineering Kavya Mangalampally-Computer Engineering (Electrical Engineering) Karan Shrikant Maniar-Mechanical Engineering Aravind Manoharan—*Computer Engineering* (Computer Systems) Abhishek Sunil Marathe—Software Engineering Peter James Marple-Mechanical Engineering Akhil Marri—*Computer Engineering* (*Electrical Engineering*) Ethan Marschall—*Biomedical Engineering* WaKisha SheTalle Marshall-Environmental and Resource Management Pedro Jesse Martin—Mechanical Engineering Brandon A. Mathis-Computer Science Alexander McGregor—*Aerospace Engineering* Sean Michael McIntyre-Chemical Engineering Vinay Vimal Indu Mehta—Computer Engineering (Computer Systems) William Frederick Meister-Mechanical Engineering Ronak Vinodkumar Menon–Computer Engineering (Electrical Engineering) Zachary A. Meyer—Industrial Engineering Srujan Mhetar—Mechanical Engineering Justin Richard Mieth—*Biomedical Engineering* Phillip Carl Miller—*Electrical Engineering* Ian Carlos Contreras Miramontes-Civil, Environmental and Sustainable Engineering Golnoosh Miri-Civil, Environmental and Sustainable Engineering Aditya Prasad Mishra—Computer Science Atul Mishra—*Computer Engineering* (Electrical Engineering)

Manas Ranjan Mishra—Software Engineering Rishabh Prakash Modi – Software Engineering Keerthanna Mohan-Computer Engineering (Electrical Engineering) Rakesh Mohan—*Software Engineering* Abhinab Mohanty—*Software Engineering* Amit Mohanty-Mechanical Engineering Arpit Mohanty—*Computer Engineering* (Computer Systems) Daniel Antonio Molina-Computer Science Alireza Momeni-Biomedical Engineering Scott Morgan-Civil, Environmental and Sustainable Engineering Jonathan Drew Moroneso—*Biomedical* Engineering Blake Scott Morrow—*Biomedical Engineering* Emilie Jean Morse—Construction Management Shreyas Shrinivas Mugali-Computer Engineering (Electrical Engineering) Gowtham Muniraju—*Electrical Engineering* Venkata Siva Abhishek Munukutla-Information Technology Endrit Muqolli—Human Systems Engineering Kyle David Murdock-Construction Management Dhivakar Murugesan-Mechanical Engineering Harshit Musugu—Industrial Engineering Nitheesh Muthuraj—Computer Engineering (Computer Systems) Sharath Renjit Naik—*Computer Engineering* (Electrical Engineering) Sidharth Sukumaran Nair—Materials Science and Engineering Vaishakh Gopalakrishnan Nair-Materials Science and Engineering Dhairya Nanda—*Computer Engineering* (Electrical Engineering) Suhas Narayan—Industrial Engineering Mohan Suraj Lakshmi Narayana-Information Technology Yeswanth Chowdary Narra—Computer Engineering (Computer Systems) Anubhav Nath—Electrical Engineering Connor David Nelson—Computer Science Sarvesh Nerurkar-Computer Engineering (Computer Systems) Dillan Khang Nguyen—Engineering Duong Thanh Nguyen—*Civil*, *Environmental* and Sustainable Engineering Richard Gabriel Nile-Chemical Engineering Quincy Daniel Njemanze—Mechanical Engineering Mouldi Nouri-Construction Management Anuhya Sai Nudurupati-Computer Engineering (Computer Systems)

Dillon André Nys-Civil, Environmental and Sustainable Engineering Benjamin Obeng-Mechanical Engineering Ruby Afrivie Obeng-Biomedical Engineering Alanna Maria Ocson-Construction Management Kristen Yuri Okada—Electrical Engineering Amanda Lynn Oswalt-Biomedical Engineering Che Wei Ou—Aerospace Engineering Sita Rama Nikitha Pabolu-Computer Engineering (Computer Systems) Gopika Sreedhara Pai-Software Engineering Tejasi Palkar—Software Engineering Dileep Pandey—Software Engineering Samarth Pandey—*Civil*, *Environmental* and Sustainable Engineering Shubham Pandey—Computer Engineering (Electrical Engineering) Shipra Panwar—*Software Engineering* Lakshmi Prasanna Anusha Paravastu-Computer Engineering (Electrical Engineering) Min Su Park—*Chemical Engineering* Suman Parlapalli—Software Engineering Abhishek Jitendrabhai Parmar-Software Engineering Dhir Jayesh Patel—Industrial Engineering Jay Kanubhai Patel—Software Engineering Kunjkumar Bhupendrakumar Patel-Chemical Engineering Meet Dhirenbhai Patel—Software Engineering Vivekkumar Raginbhai Patel—Mechanical Engineering Sarvesh Shashikant Patil-Computer Engineering (Computer Systems) Akash Pawar—Mechanical Engineering Gerardo Pedraza-Information Technology Yuvraj Sandeep Pimpale-Computer Engineering (Electrical Engineering) Andrea Pinceti-Electrical Engineering Patrick Leonard Plehn-Construction Management Gayatri Ramchandra Pode—Materials Science and Engineering Ramu Ponneganti—*Computer Science* Pragyan Ansuman Pradhan-Electrical Engineering Saurabh Prakash—*Software Engineering* Swaroop Eswara Prasad—Software Engineering Anusha Chittoor Prem-Software Engineering Nicholas Robert Pratt-Mechanical Engineering Aashita Priya—Software Engineering

Anirudh Srinivasan Pugazhendhi-Mechanical Engineering Aaron Michael Raber-Biomedical Engineering Earl Jasper Radina-Human Systems Engineering Faisal Raja—Mechanical Engineering Saranya Rajagopalan—Computer Engineering (Electrical Engineering) Balarupini Rajendran—Computer Engineering (Electrical Engineering) Ankit Rajshree—Computer Engineering (Computer Systems) Adithya Eswara Prasad Raju—*Computer* Engineering (Computer Systems) Kimya Rajwade-Civil, Environmental and Sustainable Engineering Rakesh Ramachandiran-Industrial Engineering Venkatakrishnan Ramachandran-Mechanical Engineering Chiranjeevi Ramamurthy-Software Engineering Aravind Raman—*Mechanical Engineering* Arvind Ramkumar—Industrial Engineering Tapas Ranjan Rana—Computer Engineering (Computer Systems) Shefali Ravindra Rao-Civil, Environmental and Sustainable Engineering Benjamin Rathke-Engineering Timothy Rex Rauschenbach—Computer Engineering (Computer Systems) Bassam Raza—Electrical Engineering Adam Barry Redleaf—Biomedical Engineering Urusha Regmi-Civil, Environmental and Sustainable Engineering Nathan Phillip Reisenauer-Civil, Environmental and Sustainable Engineering Nicholas Remele—Aerospace Engineering Diego Esteban Reyes—Biomedical Engineering Salvatore Michael Rich-Civil, Environmental and Sustainable Engineering Daniel Frank Rivera—Aerospace Engineering Gerardo Rivera, Jr.—Engineering Aide Robles-Civil, Environmental and Sustainable Engineering Elizabeth Ruthann Rockwell-Civil, Environmental and Sustainable Engineering Alisha Chantel Rodriguez-Engineering Abraham S. Rosengard-Biomedical Engineering Skyler Jaymes Rothman-Computer Engineering (Computer Systems)

Swastik Roy—*Computer Engineering* (Computer Systems) Paavas Rustagi-Industrial Engineering Sonam Sahu—Computer Engineering (Electrical Engineering) Ejaz Saifudeen—Software Engineering Jyotishman Saikia—Computer Engineering (Electrical Engineering) Prabhav Vinay Sakhardande-Industrial Engineering Sakshi-Computer Engineering (Electrical Engineering) Balachandar Sampath—Software Engineering Christopher Joel Sandoval-Computer Engineering (Electrical Éngineering) Sebastian Santiago-Computer Engineering (Computer Systems) Brandon B. Sarhad-Environmental and Resource Management (Water Management) Mahati Sastry—Computer Engineering (Electrical Engineering) Santhakumar Sathiyan—Mechanical Engineering Vignesh Sathyamurthy—Industrial Engineering Nishiti Nitant Sawant—Software Engineering Daniel Mathias Schaefer-Environmental and Resource Management Skylar Wade Schell—*Mechanical Engineering* Jordan Leo Schlueter-Civil, Environmental and Sustainable Engineering Travis James Schmidt—Industrial Engineering Katelyn Ann Schroll-Human Systems Engineering Morgan Scott Seburn—*Biomedical Engineering* Marissa Leigh Seelhammer-Biomedical Engineering Vigneshwaran Sekar—Mechanical Engineering Reetam Sen Biswas—*Electrical Engineering* Aayushi Mehulbhai Shah-Software Engineering Achal Naimishkumar Shah-Computer Engineering (Computer Systems) Aditya Ashok Shah—Mechanical Engineering Ayan Rupeshbhai Shah—Software Engineering Dharmik Ajay Shah—*Civil*, *Environmental* and Sustainable Engineering Harshal Paraslal Shah-Mechanical Engineering Harshil Sanjaykumar Shah-Industrial Engineering Hena Alpesh Shah—*Computer Engineering* (Computer Systems) Karan Maheshbhai Shah-Computer Engineering (Electrical Engineering) Karan Jayesh Shah—Mechanical Engineering

Khushbu Jignesh Shah—Industrial Engineering Mitul Naresh Shah—Industrial Engineering Samarth Bankim Shah—Computer Engineering (Computer Systems) Sharvil Prakash Shah—Computer Engineering (Computer Systems) Varun Paresh Shah—*Computer Engineering* (Electrical Engineering) Yash Gaurang Shah-Computer Engineering (Electrical Engineering) Sharad—Computer Science Akash Sharma—Software Engineering Shashank Sharma—Computer Engineering (Computer Systems) Alexandra Luann Shaw—Human Systems Engineering Guangqing Shen—*Mechanical Engineering* Michael Scott Sheppard, Jr.—Engineering Soham Miteshkumar Sheth-Industrial Engineering Nishan Shetty—Industrial Engineering Ping-Chun Shih—Materials Science and Engineering Ryan Carl Shillingburg – Aerospace Engineering Kunal Pratap Shinde—*Mechanical Engineering* Jayanth Kumar Harave Shivakumarswamy-Computer Engineering (Electrical Engineering) Benjamin David Shuch-Engineering Zain Siddiqui—Software Engineering Akshay Singhvi—Mechanical Engineering Jessica Marie Sipe—Chemical Engineering Harish Siva Subramanian-Industrial Engineering Mike Gaby Sleiman—Chemical Engineering Timothy Michael Snelling-Biomedical Engineering Nicholas Alexander Sochor—Information Technology Daron Veer Singh Sohi—Industrial Engineering Akshay Pradeep Sonawane-Computer Engineering (Computer Systems) Shubham Dilip Sonawani-Electrical Engineering Ashwinsubbu Sornalingam-Industrial Engineering Andrea Nicole Spence—Industrial Engineering Jared Kenneth Spink—Materials Science and Engineering Jordan Lee Spinner—Civil, Environmental and Sustainable Engineering Ashlin Sreedhar—Industrial Engineering Varun Srivastava—Software Engineering Shreya Srivastava—Information Technology Josiah David Stefanski—Industrial Engineering

Stacy Dawn Stoddard-Biomedical Engineering Shravan Subbaraman—Computer Engineering (Electrical Engineering) Raam Prashanth Namakkal Sudhakar-Software Engineering Rama Kumar Kana Sundara-Computer Engineering (Electrical Engineering) Vishal Sairam Jaitra Surendran—Industrial Engineering Pratik Devidas Suryawanshi-Software Engineering Rutuja Prakash Sutar-Civil, Environmental and Sustainable Engineering Sangeetha Swaminathan-Software Engineering Advaita Swaroop—Engineering Andrew Joseph Sweeney-Mechanical Engineering Hannah Marie Switzer-Materials Science and Engineering Francis Tabunos Taguinod-Biomedical Engineering Manish Tandon—*Software Engineering* Rushik Tank—Mechanical Engineering Rohit Taparia—Industrial Engineering Marlene Tapia—Construction Management Maitreyi Thakkar-Software Engineering Aaron Thomas - Construction Management Naga Ravi Teja Thoram—Software Engineering Wenbo Tian-Computer Science Luc Tieu-Biomedical Engineering Adhiraj Tikku—Software Engineering Santiago Hernandez Trevino III-Mechanical Engineering Ezechel Trifan—Materials Science and Engineering Nisarg Hemal Trivedi-Computer Engineering (Computer Systems) Sushant Trivedi—Computer Engineering (Computer Systems) I-Hui Tsai—Computer Engineering (Electrical Engineering) Manish Tummala—Computer Engineering (Computer Systems) Kevin Daniel Tyler—*Electrical Engineering* Sanket Sanjay Ugile—Mechanical Engineering Richard Lawrence Uhrie-Computer Engineering (Electrical Engineering) Sai Ram Vakkalagadda-Industrial Engineering Sai Charan Vallarapu—*Computer Engineering* (Electrical Engineering) Salil Vartikar—Computer Engineering (Electrical Engineering)

Devansh Ravindra Varu-Construction Management Vishwa Vasani—Industrial Engineering Jason R. Vaughn-Engineering Vaishak Ramesh Vellore-Software Engineering Bhavana Venkatasubramanian-Software Engineering Madhu Venkatesh-Computer Engineering (Computer Systems) Rakesh Reddy Venkatesh-Industrial Engineering Preethi Venkateshan-Computer Engineering (Electrical Engineering) Ganesh Kumar Subramanian Venkatraman-Software Engineering Prasanth Venugopal—Software Engineering Marvin Vergara—Biomedical Engineering Mark Andrew Verhunce-Information Technology Ronak Dipen Vikam—Industrial Engineering Shubham Vyas—*Software Engineering* Mayur Waghela—Industrial Engineering Junxin Wang—Aerospace Engineering Yingtong Wang—Mechanical Engineering Andrew John Warren—*Electrical Engineering* Jaden R. Wass-Computer Engineering (Computer Systems) Brendan A. Webb—Mechanical Engineering Zitong Wei—Software Engineering Min Che Weng-Computer Engineering (Electrical Engineering) Richard Alexander Whitson-Human Systems Engineering Megan Marie Wieser-Biomedical Engineering Adam Michael Wilkins-Human Systems Engineering Luke George Winterstein-Mechanical Engineering Brittney Nicole Wong-Biomedical Engineering Quintin Delane Woods—Human Systems Engineering Han-Chun Wu—Chemical Engineering Huichuan Wu—Software Engineering Pengkun Xia—*Electrical Engineering* Zhiwei Xiao-Civil, Environmental and Sustainable Engineering Divya Yadamreddi—Software Engineering Mohan Vasantrao Yadav-Software Engineering Bhanu Prakash Yadlapalli-Industrial Engineering Binbin Yan—Software Engineering

Venkata Ravi Teja Reddy Yanamala—	Andra Yung—Chemical Engineering
Computer Engineering	Jeffrey A. Yungfleisch—Human Systems
(Computer Systems)	Engineering
Edward Yang—Computer Engineering	Jiatong Zhang—Computer Engineering
(Computer Systems)	(Computer Systems)
Jason Zoenwa Yang – Materials Science	Lei Zhang—Software Engineering
and Engineering	Yun Zhao—Aerospace Engineering
Huai Ming Yeh—Industrial Engineering	Ruihao Zhou—Software Engineering
Alexander D. York—Mechanical Engineering	Najibullah Zirak—Construction Management

MASTER OF SCIENCE IN ENGINEERING

Will Wael Abdeh – Electrical Engineering Deekshatha Adusumilli-Electrical Engineering Anthony J. Aletto—Engineering Science (Software Engineering) Turki Nasser T Alhazzani-Electrical Engineering Megan Leigh Altizer-Civil, Environmental and Sustainable Engineering Pooja Hari Ambrish—*Electrical Engineering* Brandon Thomas Andersen—Engineering *Science* (*Software Engineering*) Srinivas Kartik Angadi-Electrical Engineering Maziyah Asif-Electrical Engineering Manoj Kumar Avadhani-Electrical Engineering Jongyoon Baik—Electrical Engineering Ramesh Balan-Electrical Engineering Alisha K. Bandekar-Electrical Engineering Vikram Banerjee—*Electrical Engineering* Hashim Abdullah M Ben Selim-Electrical Engineering Frank A. Brodish—*Electrical Engineering* Dylan Lee Burke-Engineering Science (Software Engineering) Brian Castellanos-Engineering Science (Software Engineering) Marcel Castillo-Electrical Engineering Sumanta Chanda—Electrical Engineering Vidhya Chandramouli—Electrical Engineering Yugandhara Vinay Chandratre-Electrical Engineering Dhruv Chaudhari—*Electrical Engineering* Xihao Chen-Electrical Engineering Yifan Chen-Electrical Engineering Jinnu T. Chengattu—*Electrical Engineering* Wai Mun Cheung—Electrical Engineering Thiagarajan Chidambareswaran-Electrical Engineering Sathya Sri Chikoti – Electrical Engineering Lokesh Kumar Choudhary-Electrical Engineering

Matthew Edward Copeland-Electrical Engineering Hemanth Balaji Dandi-Electrical Engineering William Michael Dell'Anno-Electrical Engineering Divna Devanand—*Electrical Engineering* Jay Uttam Dhoka—*Electrical Engineering* Vrushali Devendra Dukrepatil-Electrical Engineering Tan Minh Nhat Duong—Electrical Engineering Rohan Dutta—*Electrical Engineering* Ezhil Bharathi Poongodi Elangovan-Electrical Engineering Laasya Elaprolu—*Electrical Engineering* Christian S. Escobar—*Electrical Engineering* Govinda Escobar-Engineering Science (Software Engineering) Brett William Fennelly-Electrical Engineering Wesley Stevenson Fullmer-Electrical Engineering Kavya Gaddipati-Electrical Engineering Shreyas Vishvesh Gaiki-Electrical Engineering Ganeshprasad Ganapati Gaonkar-Electrical Engineering Zabihullah Ghyasi—Electrical Engineering Satyajit Giri-Electrical Engineering Cynthia McNally Gomez-Engineering Science (Software Engineering) Jishnu Gopal—Electrical Engineering Sangam Govindraju—*Electrical Engineering* Devansh Gupta—Construction Engineering Muhammad Sherjeel Hashmi-Electrical Engineering Prathiksha Hegde—*Electrical Engineering* Vanishri Hegde—Electrical Engineering Timothy Paul Hill—*Electrical Engineering* Le Thanh Triet Ho-Electrical Engineering Yue Hu—*Electrical Engineering* Karthikeya Jagadish—Electrical Engineering Abhishek Yatin Jathar—*Electrical Engineering* Fangzhou Ji—*Electrical Engineering*

Derrick James Johnson, Jr.-Electrical Engineering Rahul Prakash Kalro-Construction Engineering Meeth Kumar Rasiklal Kanteseria-Electrical Engineering Sumanth Kanteti-Construction Engineering Sowparnika Koka—*Electrical Engineering* Sneha Komatireddy—Electrical Engineering Sai Vamsi Chaitanya Kosana-Electrical Engineering Kunal Praveen Kumar-Construction Engineering Samyuktha Satish Kumar-Electrical Engineering Ajay Ramanathan Lakshmanan-Electrical Engineering Kevin Ryan LeFevre—Electrical Engineering Lingyu Liu—Construction Engineering Bin Jie Lu—*Electrical Engineering* Hung Phi Ly—*Electrical Engineering* Yanqiu Ma-Electrical Engineering Alexander Leonard Mo-Electrical Engineering Nitin Mohan—Electrical Engineering Monu—Electrical Engineering Thomas Joseph Murphy-Electrical Engineering Aashish Murti-Electrical Engineering Nitin Ramesh Nair—Electrical Engineering Vineet Nayak-Electrical Engineering Krystofer R. Newman-Engineering Science (Software Engineering) Andrew John Niles—Electrical Engineering Daniel Randy Nyx-Civil, Environmental and Sustainable Engineering Tobenna Olisaemeka Okafor-Electrical Engineering Axel Victor Olson—*Electrical Engineering* Sarath Omanakuttan Nair-Electrical Engineering Shreenivas Kishor Pai-Electrical Engineering Bhavik Jitesh Parekh—*Electrical Engineering* Dharani Priya Pasham—*Electrical Engineering* Ravikumar Patel—*Electrical Engineering* Joel F. Perkins—*Electrical Engineering* Trenton Alan Porter—*Electrical Engineering* Mukunda Narasimha Prasad-Electrical Engineering Harisankar Kandan Kandath Premkumar-Electrical Engineering Xiao Quan—*Electrical Engineering* Chandini Radhakrishnan-Electrical Engineering Ramanathan Raja—Electrical Engineering Harish Rajagopala Reddy-Electrical Engineering

Vignesh Ramasubramaniasarma Ramanathan-Electrical Engineering Nicolás Ronis—Electrical Engineering Karthik Saikumar—*Electrical Engineering* Sanket Satish Sawant-Electrical Engineering Renuka Devi Selvaraj—*Electrical Engineering* Yash Vipulkumar Shah—*Electrical Engineering* Salman Shaikh—*Electrical Engineering* Raghul Shanmuganathan-Construction Engineering Avinash Bhuneshwar Sharma—Electrical Engineering Vivek Kanugagadda Sharma-Electrical Engineering Vishnuprasad Shashtry Kedenji-Electrical Engineering Suraj Sanjiv Shiras—Electrical Engineering Naveen Shivashankar-Electrical Engineering Priyam Singh-Electrical Engineering Amanda K. Smith—*Electrical Engineering* Aarathy Soundararajan—*Electrical Engineering* Sundaresan Srinivasan—Electrical Engineering Bailey Christopher Stringer-Construction Engineering Kishor Sudandra Babu—*Electrical Engineering* Subbarayudu Sumalapu-Electrical Engineering Laite Sun—*Electrical Engineering* Sujin Susan Thankachan—Construction Engineering Suraj Laxman Tele—*Electrical Engineering* Caitlin Noelle Tennyson-Electrical Engineering Amanda Lee Thart—*Electrical Engineering* Kiran Tej Thoomu-Electrical Engineering Sai Vamsi Krishna Vadlamudi – Electrical Engineering Bhargav Reddy Vemireddy-Electrical Engineering Shruthi Venkat—*Electrical Engineering* Advaith Vidyaprasad Sri Ramakrishna Pr-Electrical Engineering Jai Preethi Vijayakumar-Electrical Engineering Sanket Sanjay Wadyalkar—Electrical Engineering Li-Chia Wang—Electrical Engineering Akanksha Ajit Warrier—Electrical Engineering Prince Schwartz Wilfred-Electrical Engineering Miriam Arna Woolley-Civil, Environmental and Sustainable Engineering Yinglu Xing—*Construction Engineering* Chung-Han Yang—*Electrical Engineering* Zhilu Ye—*Electrical Engineering* Sui Zhao—Electrical Engineering

MASTER OF SCIENCE IN TECHNOLOGY

Joshua Dean Bailey— <i>Technology</i>
(Graphic Information Technology)
Halie Marie Bartlowe—Technology
(Aviation Management and
Human Factors)
Robert Ryan Calderon – Technology (Aviation
Management and Human Factors)
Lorraine Inés Colón— <i>Technology</i>
(Graphic Information Technology)
Amber Rose Draina— <i>Technology</i>
(Graphic Information Technology)
Alexander Robert Franks—Technology
(Graphic Information Technology)
Elizabeth Renee Griffith—Technology
(Graphic Information Technology)
Kanika Gupta— <i>Technology</i>
(Graphic Information Technology)
Mariah Jean Harris— <i>Technology (Aviation</i>
Management and Human Factors)
Bryce M. Heinrich—Technology
(Graphic Information Technology)
James Hopper— <i>Technology</i>
(Graphic Information Technology)
Surya R. Iyer— <i>Technology</i>
(Management of Technology)
(

Destry Suzanne Jacobs-Technology (Aviation
Management and Human Factors)
Lisa Thanayi Jwahir— <i>Technology</i>
(Graphic Information Technology)
Nicholas Nathaniel Larsen—Technology
(Graphic Information Technology)
Michael Aaron Lindberg-Technology
(Graphic Information Technology)
Tiana Marie Morgan—Technology
(Graphic Information Technology)
Valerie Lynn Pierce—Technology
(Graphic Information Technology)
Jennifer Port—Technology
(Graphic Information Technology)
Niranjan Bhushan Rane—Technology
(Management of Technology)
Matthew James Steinmetz—Technology
(Aviation Management and
Human Factors)
Kasey Stevenson—Technology (Aviation
Management and Human Factors)
Rebecca Lynn Weinstock—Technology
(Aviation Management and
Human Factors)

MARY LOU FULTON TEACHERS COLLEGE

MASTER OF ARTS

Charles Christopher Alexis-Curriculum
and Instruction (English as
a Second Language)
Victoria Ali-Special Education
(Applied Behavior Analysis)
Kaitlyn Bradley–Curriculum and Instruction
(English as a Second Language)
Oana Claudia Cerchezan—Curriculum and
Instruction (English as a Second
Language)
Robyn Ki Ae Daliri-Educational Policy
Christine Marie Fernandes—Special Education
(Applied Behavior Analysis)
Kirstie Hope Frazier-Curriculum and
Instruction (English as a Second
Language)
Karell Detsay Garcia-Curriculum and
Instruction (English as a Second
Language)
Megan Hart Gilligan—Learning Sciences
Bronson James Goodsell—Educational Policy

Lynette Pamela Gruca-Special Education
(Applied Behavior Analysis)
Katie Leman—Curriculum and Instruction
(English as a Second Language)
Songliang Li-Educational Policy
Tara Kathleen Manion—Curriculum and
Instruction (English as a Second
Language)
Michael Scott Martin-Curriculum and
Instruction (English as a Second
Language)
Sarah Beck Martin— <i>Curriculum and</i>
Instruction (English as a Second
Language)
Michael Shane Martinez-Educational Policy
Michelle Ann McCarthy— <i>Curriculum and</i>
Instruction (English as a Second
Language)
Megan Mueller-Curriculum and Instruction
(English as a Second Language)
Dilinuer Muhetaer – Educational Policy

Melissa Joy Myers—*Educational Policy* Sonnet Althea Myers—*Curriculum and Instruction (English as a Second Language)* Jackline Nastro—*Curriculum and Instruction (English as a Second Language)* Nicole Katherine Nippert—*Curriculum and Instruction (English as a Second Language)* Danielle Parry—*Curriculum and Instruction (English as a Second Language)* Cassandra Polan—*Curriculum and Instruction (English as a Second*

Language) Joshua Cawood Presgraves—Curriculum and Instruction (English as a Second Language) Kaley Marie Quillman-Curriculum and Instruction (English as a Second Language) T'ata Thunderbird Roberts-Educational Policy Stephanie Michelle Rudzki-Curriculum and Instruction (English as a Second Language) Angelina Christina Sciara-Special Education (Applied Behavior Analysis) James Roy West-Educational Policy Jake Douglas Winfield—Educational Policy Jing Zhou—Curriculum and Instruction (English as a Second Language) Alejandra Nieland Zavala—Educational Policy Sonia M. Zimmerman-Curriculum and Instruction (English as a Second Language)

MASTER OF EDUCATION

Troy Hay Adams-Special Education (Teacher Certification) Loni A. Adesanmi-Curriculum and Instruction (Applied Behavior Analysis) Catherine Elizabeth Adkins-Curriculum and Instruction (Applied Behavior Analysis) Amanda Marie Agen-Curriculum and Instruction (Applied Behavior Analysis) Siti Jariyah Ahmad-Curriculum and Instruction (Applied Behavior Analysis) Brian Sungho Ahn-Curriculum and Instruction (Gifted Education) Charlyn Marie Akers-Curriculum and Instruction (Applied Behavior Analysis) Kristen M. Akialis-Elementary Education (Teacher Certification) Shaquin Devon Albrow-Educational Technology Salyssa Renee Alers-Special Education (Teacher Certification) Sarah Jenell Alexander—Educational Leadership (Principalship) Taylor Allen-Curriculum and Instruction (Applied Behavior Analysis) Brittany Elizabeth Alton-Curriculum and Instruction (Early Childhood Education) Bridget Alvergue-Curriculum and Instruction (Applied Behavior Analysis) Abril Susana Alvizar-Curriculum and Instruction (Applied Behavior Analysis)

Cindy Stephanie Amaya-Curriculum and Instruction (Applied Behavior Analysis) Cynthia Noralim Ambrosio-Curriculum and Instruction (Applied Behavior Analysis) Ku'uleialoha Hepualaha'ole Ampong-Curriculum and Instruction (Early Childhood Education) Daniel David Amram-Secondary Education (Teacher Certification) Arthur Robert Anderson-Curriculum and Instruction (Applied Behavior Analysis) Emily Drasler Appleton-Secondary Education (Teacher Certification) Sabiha B. Arab-Special Education (Teacher Certification) Adriana Olaguez Aragon-Curriculum and Instruction (Applied Behavior Analysis) Jennifer Arellano-Special Education (Teacher Certification) Rachel Asi Atiemo-Obeng-Curriculum and Instruction (Applied Behavior Analysis) Richard Lennon Audrain-Curriculum and Instruction (Teaching and Learning) Kendall Juliette Bacskoczky-Curriculum and Instruction (Applied Behavior Analysis) Randall A. Badsgard - Educational Leadership (Principalship) Shagayag Bakhtiani – Curriculum and Instruction (Applied Behavior

Analysis)

(Applied Behavior Analysis) Ryan John Ballard – Curriculum and Instruction (Applied Behavior Analysis) Linnea Kristin Banta-Educational *Leadership* (*Principalship*) Bianca Michelle Banuelos-Curriculum and Instruction (Early Childhood Education) Ashley Rae Barbero-Curriculum and Instruction (Applied Behavior Analysis) Mariana Barboza—Educational Leadership (Principalship) Amy Lynn Barnhill—*Curriculum and* Instruction (Applied Behavior Analysis) Lauren Nichole Barr-Curriculum and Instruction (Applied Behavior Analysis) David A. Barrios-Educational Leadership (Principalship) Theodore Cody Barthlow - Curriculum and Instruction (Applied Behavior Analysis) Landy Giovanny Barwick-Curriculum and Instruction (Applied Behavior Analysis) Robin Anderson Bashaar-Curriculum and Instruction (Early Childhood Education) Jessica Kaylene Bastien-Curriculum and Instruction (Autism Spectrum Disorders) Jessica Sara Baughman-Curriculum and Instruction (Applied Behavior Analysis) Alice Renae Beck-Curriculum and Instruction (Applied Behavior Analysis) Lisa Dawn Bell-Special Education (Teacher Certification) Angela G. Benway-Curriculum and Instruction (Applied Behavior Analysis) Saltanat Berdibekkyzy-Curriculum and Instruction (Early Childhood Education) Schyla Raine Bergeson—Educational *Leadership* (*Principalship*) Jennifer Joy Beye-Curriculum and Instruction (Applied Behavior Analysis) Ted Andrew Biggs—Educational Leadership (Principalship) Kristen Amy Billard-Curriculum and Instruction (Applied Behavior Analysis)

Jenna L. Bales-Curriculum and Instruction Jeanette Marie Birk-Curriculum and Instruction (Applied Behavior Analysis) Pat Bivona-Curriculum and Instruction (Applied Behavior Analysis) Octavio Blanco, Jr.-Curriculum and Instruction (Applied Behavior Analysis) Teresa Dawn Boggs-Curriculum and Instruction (Applied Behavior Analysis) Anna Marie Bognanno-Curriculum and Instruction (Early Childhood Education) Claire A. Bonin-Curriculum and Instruction (Applied Behavior Analysis) Ashley Evelyn Bonsall-Gaffney-Curriculum and Instruction (Applied Behavior Analysis) Meagan C. Booth-Curriculum and Instruction (Applied Behavior Analysis) Elizabeth Ann Borders-Curriculum and Instruction (Applied Behavior Analysis) Ashlynn Rose Boutros - Curriculum and Instruction (Applied Behavior Analysis) McKenzie Leigh Bover-Curriculum and Instruction (Applied Behavior Analysis) Amy Renee Boyer—Curriculum and Instruction (Applied Behavior Analysis) Lisaanne Bozek-Curriculum and Instruction (Autism Spectrum Disorders) Tessie Noelle Bracken-Higher and Postsecondary Education Courtney Lynne Bright-Curriculum and Instruction (Applied Behavior Analysis) Nicholas Micheal Broeker-Curriculum and Instruction (Applied Behavior Analysis) Chanelle Marie Brooks-Curriculum and Instruction (Applied Behavior Analysis) Briana Evelyn-Simone Brown-Curriculum and Instruction (Applied Behavior Analysis) Pamela Marie Brown-Curriculum and Instruction (Gifted Education) Liza Russell Bryant-Curriculum and Instruction (Applied Behavior Analysis) Michaela Renee Bubak-Higher and Postsecondary Education

Cory Alan Buckband-Secondary Education (Teacher Certification) Chelsea Silveira Burgos - Curriculum and Instruction (Applied Behavior Analysis) Brianna Nicole Burkhard-Curriculum and Instruction (Applied Behavior Analysis) Caitlin Byrne-Curriculum and Instruction (Applied Behavior Analysis) Immanuel Nebril Caandoy-Curriculum and Instruction (Applied Behavior Analysis) Hector Raymond Cabrera-Curriculum and Instruction (Applied Behavior Analysis) Nicole Marie Cady-Curriculum and Instruction (Applied Behavior Analysis) Megan Elizabeth Calhoun-Educational Leadership (Principalship) Melonie Jeanne Call-Special Education (Teacher Certification) Victoria Cappa—Curriculum and Instruction (Applied Behavior Analysis) Alexa Victoria Carrasco-Curriculum and Instruction (Applied Behavior Analysis) Vicky Virginia Carreno-Curriculum and Instruction (Applied Behavior Analysis) Lindsay Marie Carter-Curriculum and Instruction (Applied Behavior Analysis) Veronica Ann Castellanos-Educational Leadership (Principalship) Christina Emily Castillo-Elementary Education (Teacher Certification) Ninfa G. Castillo-Curriculum and Instruction (Applied Behavior Analysis) Yingying Cen-Elementary Education (Teacher Certification) Justin Dana Chamberlin-Curriculum and Instruction (Applied Behavior Analysis) Estelle Claire Champlain-Educational Technology Peter John Chandler-Curriculum and Instruction (Applied Behavior Analysis) Cheree Rosalind Chavis-Curriculum and Instruction (Applied Behavior Analysis) Nalleli Escalante Chavolla-Curriculum and Instruction (Applied Behavior Analysis)

Julie Sieu Che—Curriculum and Instruction (Applied Behavior Analysis) Ye Chen—Higher and Postsecondary Education

Emily K. Claassen—Curriculum and Instruction (Applied Behavior Analysis)

Teresa Mercedes Clawson—Curriculum and Instruction (Applied Behavior Analysis)

- Lukas J. Colman—*Curriculum and Instruction* (Applied Behavior Analysis)
- Jillian Renee Compton—Higher and Postsecondary Education

Stacey M. Congrove—Curriculum and Instruction (Applied Behavior Analysis)

Krystal Orona Contreras—Educational Technology

Kevin Charles Corcoran—Curriculum and Instruction (Applied Behavior Analysis)

Gina Marie Cornwell—Curriculum and Instruction (Autism Spectrum Disorders)

Marina Roberta Crain—Curriculum and Instruction (Applied Behavior Analysis)

Chelsea Nicole Crenshaw – Educational Technology

- Benjamin Matthew Cresswell—Educational Leadership (Principalship)
- Gabriela Croitoru—Curriculum and Instruction (Applied Behavior Analysis)

Esther Michelle Crouse—Curriculum and Instruction (Applied Behavior Analysis)

- Rosa Imelda Cruz Cova—Secondary Education (Teacher Certification)
- Cassidy Marie Cunningham—Elementary Education (Teacher Certification)
- Stephen Lee Cunningham, Jr.—Educational Leadership (Principalship)
- Kathryn Anne Czulewicz—*Curriculum and* Instruction (Applied Behavior Analysis)

Jacqueline Beck Hegler Dalessio – Curriculum and Instruction (Applied Behavior Analysis)

- Kendrick S. Daly—*Higher and Postsecondary Education*
- Taylor Daniel—Curriculum and Instruction (Applied Behavior Analysis)

Danielle Lynn Davis—Elementary Education (Teacher Certification) Joie D. Davis—Curriculum and Instruction (Early Childhood Education)

Kevin Lloyd Davis—Curriculum and Instruction (Applied Behavior Analysis)

Ysabel Margarita Dela Riva—Curriculum and Instruction (Applied Behavior Analysis)

Aracely Delgado—Elementary Education (Teacher Certification)

Melissa Ivette Delgado—Educational Technology

Rachel J. Demeo—*Curriculum and Instruction* (Applied Behavior Analysis)

Nichole Dempsey—Educational Leadership (Principalship)

Kelly M. DeNeve—Curriculum and Instruction (Applied Behavior Analysis)

Stephanie Ann Dias-Diniz—Curriculum and Instruction (Applied Behavior Analysis)

Dayra Vanessa Diaz-Gonzalez-Curriculum and Instruction (Applied Behavior Analysis)

Robert Sean Dickinson—Curriculum and Instruction (Applied Behavior Analysis)

Heather Noelle Diehl—Special Education (Teacher Certification)

Tammy Diep-Educational Technology

Kiley Rayna DiStefano – Curriculum and Instruction (Applied Behavior Analysis)

Michelle Kathleen Dodd—Curriculum and Instruction (Autism Spectrum Disorders)

Kyla Marie Doepel—Curriculum and Instruction (Applied Behavior Analysis)

Dianna Mae Dowell—Curriculum and Instruction (Early Childhood Education)

Kori Kalei Dowell—Higher and Postsecondary Education

Aren A. Drabe—Special Education (Teacher Certification)

Genette A. Eltringham—Curriculum and Instruction (Applied Behavior Analysis)

Kjirsten Brynn Embley—Educational Leadership (Principalship)

Heather Marie Emmons—Curriculum and Instruction (Applied Behavior Analysis)

Kayla Jean Englehart—*Elementary Education* (*Teacher Certification*) Emily D. Epperson-Curriculum and Instruction (Applied Behavior Analysis) Ashley Jenell Ervin—*Curriculum and* Instruction (Applied Behavior Analysis) Adam Jeffery Estabrook-Secondary Education (Teacher Certification) Marisa Ilene Evans-Elementary Education (Teacher Certification) Lee Edmund Eyerman—Curriculum and Instruction (Applied Behavior Analysis) Annalise Marie Fakkema-Curriculum and Instruction (Early Childhood Education) Daniel Noel Fanning-Curriculum and Instruction (Gifted Education) Lesley Anne Faulconer-Curriculum and Instruction (Applied Behavior Analysis) Mitzi Victoria Fee-Curriculum and Instruction (Applied Behavior Analysis) Nicole Felix – Curriculum and Instruction (Applied Behavior Analysis) Wei Feng-Curriculum and Instruction (Early Childhood Education) Patricia Fleischmann-Curriculum and Instruction (Applied Behavior Analysis) Lori Fleming—Curriculum and Instruction (Applied Behavior Analysis) Ryan Keith Flores—Curriculum and Instruction (Early Childhood Education) Rachel Sophia Follenweider-Curriculum and Instruction (Applied Behavior Analysis) Lucas Christien Fornefeld-Secondary Education (Teacher Certification) Karin Eva Fortin-Curriculum and Instruction (Applied Behavior Analysis) Elena Konstantinovna Foster-Curriculum and Instruction (Applied Behavior Analysis) Roxana Frias-Godoy – Curriculum and Instruction (Applied Behavior Analysis) Joanna Lynn Fritsche-Curriculum and Instruction (Early Childhood Education) Carmeliz Camposanto Fritz-Curriculum and Instruction (Applied Behavior Analysis) Jonathan Michael Fugate-Higher and

Postsecondary Education

Aaron James Garcia-Curriculum and Instruction (Applied Behavior Analysis) Taylor Kelsey Garcia-Curriculum and Instruction (Applied Behavior Analysis) Krystle Marie Garcia-Gibbons-Curriculum and Instruction (Applied Behavior Analysis) Ashley N. Gehman-Curriculum and Instruction (Applied Behavior Analysis) Jessica Marie Gensel-Educational Technology Jennifer Jane Giannone-Curriculum and Instruction (Applied Behavior Analysis) Dana Gil-Curriculum and Instruction (Applied Behavior Analysis) Marie Efstathiou Glover-Bondeau-Curriculum and Instruction (Applied Behavior Analysis) Ilex Anne Gonzalez-Curriculum and Instruction (Applied Behavior Analysis) Jessica Danielle Gordon-Curriculum and Instruction (Applied Behavior Analysis) Sade Alexandra Gordon-Curriculum and Instruction (Autism Spectrum Disorders) Marissa Alexandria Gossage-Curriculum and Instruction (Applied Behavior Analysis) Cesar Uriel Gradilla-Secondary Education (Teacher Certification) All'wyn D. Graham-Curriculum and Instruction (Applied Behavior Analysis) Katerina Shae Grainger-Secondary Education (Teacher Certification) Kristin Michelle Grasso-Educational Leadership (Principalship) Maxwell Joseph Graves-Secondary Education (Teacher Certification) Allison Nichole Griggs-Curriculum and Instruction (Autism Spectrum Disorders) Anna Corinne Groves – Curriculum and Instruction (Applied Behavior Analysis) Michael Ray Guerra-Educational Leadership (Principalship) Raby Oumar Gueye-Elementary Education (Teacher Certification) Alicia Gulati-Curriculum and Instruction (Applied Behavior Analysis)

Megan Nicole Gunyou-Curriculum and Instruction (Applied Behavior Analysis) Yaxin Guo—*Higher and Postsecondary* Education Alicia Tapia Gutierrez-Curriculum and Instruction (Applied Behavior Analysis) Shirley Espinosa Gutierrez-Educational Leadership (Principalship) Scott Alan Hahn-Curriculum and Instruction (Autism Spectrum Disorders) Janielle Roxanne Hall-Curriculum and Instruction (Applied Behavior Analysis) Moriah Hall—Educational Technology Tasneem Halloum—Curriculum and Instruction (Gifted Education) Allison Marie Hamala-Curriculum and Instruction (Applied Behavior Analysis) Demetrius Hamala-Curriculum and Instruction (Applied Behavior Analysis) Kelsey Rose Hamilton-Secondary Education (Teacher Certification) Megan Lee Han-Curriculum and Instruction (Applied Behavior Analysis) Joelle Mashawn Handley-Curriculum and Instruction (Applied Behavior Analysis) Ashley Marie Hane—Educational Leadership (Principalship) Halle Alysse Harker-Higher and Postsecondary Education Patrick James Harris-Secondary Education (Teacher Certification) Nicole Hartle-Curriculum and Instruction (Applied Behavior Analysis) Lindsey Nicolette Hartman-Higher and Postsecondary Education Charlotte Rebecca Harvin-Curriculum and Instruction (Applied Behavior Analysis) Rana Hassan—Curriculum and Instruction (Applied Behavior Analysis) Kathryn Morris Hatfield-Curriculum and Instruction (Gifted Education) Barry Jonathan Hazen-Educational Leadership (Principalship) Rachel Lauren Heintzleman-Curriculum and Instruction (Applied Behavior Analysis) Jessie Brooke Helmes-Higher and Postsecondary Education Mary Hemenway-Elementary Education (Teacher Certification)

Education) Kayla Jade Hennis-Educational Technology Megan Theresa Jobski-Curriculum and Francesca Hernandez-Curriculum and Instruction (Applied Behavior Analysis) Janet Hernandez-Educational Technology

Veronica Hernandez-Curriculum and Instruction (Applied Behavior Analysis)

Natalie Xia Mei Henes-Curriculum and

Instruction (Early Childhood

Amanda Grace Herzog-Curriculum and Instruction (Applied Behavior Analysis)

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Johnshell Johnae Holliday-Curriculum and Instruction (Applied Behavior Analysis)

Abigail Lehne Kruger Howard-Curriculum and Instruction (Applied Behavior Analysis)

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Kristen Caroline Hurtado-Educational Technology

Kylie Ann Hushion—Curriculum and Instruction (Autism Spectrum Disorders)

Marissa Jane Huth—*Educational Technology* Kristina Victoria Ikonnikow-Curriculum and Instruction (Applied Behavior Analysis)

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Justine Irisa Jaeger-Secondary Education (Teacher Certification)

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Kamila Jelani-Secondary Education (Teacher Certification)

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Instruction (Applied Behavior Analysis) Majken Laila Johansson—Educational Leadership (Principalship) Taylor Katherine Johnson-Curriculum and Instruction (Applied Behavior Analysis) Tiffany Johnson—Curriculum and Instruction (Applied Behavior Analysis) Aleiahua Jones-Special Education (Teacher Certification) Amanda Molly Jones-Curriculum and Instruction (Applied Behavior Analysis) Loretta Danielle Jordan-Curriculum and Instruction (Applied Behavior Analysis) Courtney Ann Joseph-Curriculum and Instruction (Applied Behavior Analysis) Tamberly Kay Jueschke-Curriculum and Instruction (Applied Behavior Analysis) Brooke Lauren Junior-Curriculum and Instruction (Applied Behavior Analysis) Veronica Kahn-Curriculum and Instruction (Early Childhood Education) Kelsey Christina Kasper-Educational Leadership (Principalship) Kayla Marie Kelley-Curriculum and Instruction (Applied Behavior Analysis) Keri Anne Kemp-Curriculum and Instruction (Applied Behavior Analysis)

Analysis)

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Mai Khoury—Curriculum and Instruction (Applied Behavior Analysis)

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Josh Louis Kirchhoff—Secondary Education	Cam (
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Marina Asgjerd Fodnaess Kirk—Secondary	Kiera
Education (Teacher Certification)	
Lacey Mae Koch—Curriculum and Instruction	Loure
(Applied Behavior Analysis)	
Danica Keiko Koestner—Special Education	Holly
(Teacher Certification)	-
Kelley Bartenfelder Kohnen—Curriculum	Shanr
and Instruction (Gifted Education)	
Erin Rebecca Komin—Curriculum and	
Instruction (Applied Behavior	Karli
Analysis)	
Matthew Lawrence Kotkin— <i>Educational</i>	
Leadership (Principalship)	Amy
Karly Elizabeth Kovac— <i>Curriculum and</i>	7 uny
Instruction (Applied Behavior	Tonja
	ronja
Analysis)	Arian
Angela Kropf— <i>Curriculum and Instruction</i>	Arian
(Applied Behavior Analysis)	. 1
Lauren Nicole Kroutil—Special Education	Alexa
(Teacher Certification)	
Kathryn Lorrayne Kudlacz—Curriculum	My-L
and Instruction (Applied Behavior	
Analysis)	
Heidi Kulick—Curriculum and Instruction	Rikki
(Applied Behavior Analysis)	
Aubrie Lynne Kurz—Curriculum and	Kathr
Instruction (Applied Behavior	
Analysis)	Evan
Lindy Noelle Kyger—Higher and	
Postsecondary Education	
Marion Lea LaCroix— <i>Curriculum and</i>	Ambe
Instruction (Applied Behavior	
Analysis)	Kimb
Joseph Michael LaNeve—Higher and	
Postsecondary Education	Karin
Jessica Marie Lazo—Curriculum and	
Instruction (Applied Behavior	Elyse
Analysis)	21):0
Kevin Huy Le— <i>Curriculum and Instruction</i>	Brigh
(Applied Behavior Analysis)	Bright
Max Leaf—Special Education (Teacher	Giann
Certification)	Olam
Madeline Grace Ledgerwood— <i>Curriculum</i>	
and Instruction (Applied Behavior	Some
Analysis)	Sama
	Kristi
Courtney Lee — Curriculum and Instruction	KIISU
(Applied Behavior Analysis)	
Lolita Maeta Lee – <i>Curriculum and Instruction</i>	E. 7
(Early Childhood Education)	Emily
Delores Jan Leonard— <i>Educational Technology</i>	D'
Lindsey Ann Lewandowski—Educational	Diana
Technology	
Christine Lin—Curriculum and Instruction	
(Early Childhood Education)	Aaror

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Brandy Lynn Price-Curriculum and Instruction (Applied Behavior Analysis) Philip Noble Prusa-Elementary Education (Teacher Certification) Lysbeth Puente-Curriculum and Instruction (Applied Behavior Analysis) Marina Julia Puszczyk-Curriculum and Instruction (Applied Behavior Analysis) Stacia Quevedo-Curriculum and Instruction (Applied Behavior Analysis) Claudio Jovanni Quintero-Avelar-Secondary Education (Teacher *Certification*) Rebecca Rafael-Curriculum and Instruction (Applied Behavior Analysis) Caroline Ragan—Secondary Education (Teacher Certification) Anthony Manuel Ramirez-Educational Leadership (Principalship) Roseanna Ramos-Curriculum and Instruction (Applied Behavior Analysis) Denisse Giovanna Rangel-Educational *Leadership* (*Principalship*) Kali Marie Renyer-Curriculum and Instruction (Early Childhood Education) Heidi Marie Resh-Curriculum and Instruction (Early Childhood Education) Monique Ashley Reveles-Higher and Postsecondary Education Maria Del Socorro Reyes-Curriculum and Instruction (Applied Behavior Analysis) Pamela Reza-Curriculum and Instruction (Applied Behavior Analysis) Angela Nichole Rice-Curriculum and Instruction (Applied Behavior Analysis) Madison Von Richards—Special Education (Teacher Certification) Ashley Nicole Richardson-Curriculum and Instruction (Early Childhood Education) Joseph Alton Richardson-Educational Technology Amy Kathleen Riggs-Curriculum and Instruction (Applied Behavior Analysis)

Jennifer Elizabeth Rist—Curriculum and Instruction (Applied Behavior Analysis)

Alex Rivera—Curriculum and Instruction (Applied Behavior Analysis) Azira Rivera-Secondary Education (Teacher Certification) Darian Rivera—Curriculum and Instruction (Applied Behavior Analysis) Lacey Mae Roberge-Curriculum and Instruction (Applied Behavior Analysis) Irina Roberts-Curriculum and Instruction (Applied Behavior Analysis) Sarah J. Robison—Curriculum and Instruction (Applied Behavior Analysis) Angela Jean Robles—Educational Leadership (Principalship) Margaret Rockwell-Curriculum and Instruction (Applied Behavior Analysis) Christina Rodrigues-Curriculum and Instruction (Applied Behavior Analysis) Lauren Brooke Rodrigues-Higher and Postsecondary Education Felina Milagros Rodriguez-Secondary Education (Teacher Certification) Kristina Marie Roeill-Curriculum and Instruction (Applied Behavior Analysis) Elizabeth Cassandra Rogers-Curriculum and Instruction (Applied Behavior Analysis) Molly Rose Rome-Higher and Postsecondary Education MItzy Romero-Curriculum and Instruction (Applied Behavior Analysis) Brenda Rosas-Secondary Education (Teacher Certification) Jessica Rose Rotheiser-Secondary Education (Teacher Certification) Georgiy Roykhman-Curriculum and Instruction (Applied Behavior Analysis) Richelle Marie Rucker–*Curriculum and* Instruction (Applied Behavior Analysis) Michael J. Ruffner-Curriculum and Instruction (Autism Spectrum Disorders) Lindsey Nicole Russo-Curriculum and Instruction (Applied Behavior Analysis) Allyson Kauffman Ryan-Curriculum and Instruction (Early Childhood Education) Dari Shanae Ryan-Curriculum and Instruction (Applied Behavior Analysis) Annamarie Rose Sacco-Curriculum and Instruction (Applied Behavior Analysis)

Danielle Sachs-Curriculum and Instruction (Applied Behavior Analysis) Jemilat Omolara Salawu-Curriculum and Instruction (Applied Behavior Analysis) Carlos Salazar-Curriculum and Instruction (Applied Behavior Analysis) Sarah Marie Sam-Curriculum and Instruction (Applied Behavior Analysis) Jasmine R. Sancedo-Curriculum and Instruction (Applied Behavior Analysis) Pamela Sanchez-Elementary Education (Teacher Certification) Danielle Nicole Sandner-Curriculum and Instruction (Applied Behavior Analysis) Julian Joshua Sarinana III-Curriculum and Instruction (Applied Behavior Analysis) Azen L. Sarvestani-Curriculum and Instruction (Applied Behavior Analysis) Xuan Huynh Savengrith-Curriculum and Instruction (Applied Behavior Analysis) Shauni Taylor Sawchuk—Educational *Leadership* (*Principalship*) Tara Elizabeth Sawhney-Special Education (Teacher Certification) Andrew Philip Schaefer—*Elementary* Education (Teacher Certification) Sarah Audrey Schaefer-Educational Technology Madison Olivia Schmitt-Curriculum and Instruction (Applied Behavior Analysis) Emily Murie Schneider-Curriculum and Instruction (Applied Behavior Analysis) Alisa Marie-Penny Schoon-Educational *Leadership* (*Principalship*) Megan Elizabeth Schorr-Curriculum and Instruction (Applied Behavior Analysis) Monica Lynn Schottlander-Curriculum and Instruction (Applied Behavior Analysis) Alycia Scott—Curriculum and Instruction (Applied Behavior Analysis) Gromyko Nicole Scott-Curriculum and Instruction (Early Childhood Education) Elizabeth Ann Sears-Curriculum and Instruction (Applied Behavior Analysis)

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Jeffrey Byrl Correll—Global Technology and Development Rebecca Devlin—Global Technology and Development Nathalie William Mokbel—Global Technology and Development Richard Mumley—Global Technology and Development Farah Ivonne Najar Arevalo—Global Technology and Development Laura Elizabeth Prickett—Global Technology and Development Vitaliy Struchkov—Global Technology and Development Steven Visosky—Global Technology and Development

MASTER OF SCIENCE AND TECHNOLOGY POLICY

Jessica Lauren Givens Kayla Rose Kutter Esmerelda Adele Parker Menka Kathryn Vansant

SCHOOL OF SUSTAINABILITY

EXECUTIVE MASTER OF SUSTAINABILITY LEADERSHIP

Maria Coca Ascencio William Nowers Baker III Jonathan Burgess Joy Nicole Crane Vanessa Louise Cruz Shawn Thomas Dickey Christopher Charles Fenwick Victoria Gilchrist Anthony Gomes Mark Lynn Hansen Paul Jay Keppler Shawnee Lynn Lavy Danielle Lynn Leoni Benjamin Robert Paulat Ashley Quay Robin Joyce Schiro Corey Cy Strawhun Luis Tachiquin Ralph E. Thompson III

SCHOOL OF SUSTAINABILITY

EXECUTIVE MASTER OF SUSTAINABILITY LEADERSHIP

Maria Coca Ascencio William Nowers Baker III Jonathan Burgess Joy Nicole Crane Vanessa Louise Cruz Shawn Thomas Dickey Christopher Charles Fenwick Victoria Gilchrist Anthony Gomes Mark Lynn Hansen Paul Jay Keppler Shawnee Lynn Lavy Danielle Lynn Leoni Benjamin Robert Paulat Ashley Quay Robin Joyce Schiro Corey Cy Strawhun Luis Tachiquin Ralph E. Thompson III

MASTER OF ARTS

Brian Jeffrey Grant-Sustainability

Madison S. West-Sustainability

MASTER OF SCIENCE

Mary Elise Fastiggi—Sustainability Veronica Nicole Horvath—Sustainability Jaime Leah Jones—Sustainability Ashley Marie Mack—Sustainability Natalie Alice Mallue—Sustainability Maximiliano Andres Romo Marin— Sustainability Christopher Allen Sanchez—Sustainability Ian Robert Thompson—Sustainability Svenja Kim Wagner—Sustainability

MASTER OF SUSTAINABILITY LEADERSHIP

Jordon Rae Blackford Victoria Diane Carrasco Kathleen Ellen Collins Anthony Gerald Contento Zachary Alexander Evilsizer Samuel Thomas Holdren Gordean Keonaonalani Kakalia Christopher William Mutshnick John Westley Serrano Liana Ruth Skibbie Sophia Yvonne Vitale

MASTER OF SUSTAINABILITY SOLUTIONS

Kaylin Ayotte Isabel Griffin Burdge Tyler Scott Chandler Madison Victoria Doyle Shelbie E A Draper Lexie Fields-Austin Anna Danielle Harmon Spencer Allen King Kayla Rose Kutter Mackenzie Rose McGuffie Caitlin Ann Paulus Kellie Jean Rorex Alessandra Stoffo Jason D. Tibbetts Tari Anchalee Wager Matthew Andrew Waldman Ashley Weisman Shantel Wyke Samantha Mae Zah

THUNDERBIRD SCHOOL OF GLOBAL MANAGEMENT

MASTER OF APPLIED LEADERSHIP AND MANAGEMENT

Brandon Alan Farnes Christopher A. Hipwell Ronald N. Orr Carlos Adrian Rayas Loy Eileen Marie Souza Levi Daniel Surls

MASTER OF ARTS

Chantelle Mendoza Aguilar-Global Affairs and Management Bryce Austin Bower-Global Affairs and Management Amanda Michelle Cardini-Global Affairs and Management Sarita Chari-Global Affairs and Management Zhuowen Chen-Global Affairs and Management Nathan Tyler Christiansen-Global Affairs and Management Eric Cowan-Global Affairs and Management Sanne Nanda de Schipper-Global Affairs and Management Brandon John Dovgan-Global Affairs and Management Kathryn Marie Foley – Global Affairs and Management Amanda Takara Frein-Global Affairs and Management Ashlee Marie Gonzales - Global Affairs and Management Johnathan Pay Huang-Global Affairs and Management Beatrice Emmanuella Ilioi – Global Affairs and Management Mary Lois Kelleher-Global Affairs and Management Monica Kim-Global Affairs and Management Irene Adolph Kinyanguli-Global Affairs and Management Alexander Boris Komerdelj-Global Affairs and Management Jonathan Latham-Global Affairs and Management Danielle Nicole Ledezma-Global Affairs and Management Yun Chen Li-Global Affairs and Management John Patric Luebke-Global Affairs and Management Erin Michelle Lunsford-Global Affairs and Management Baixue Ma-Global Affairs and Management John Jason McAuliffe-Global Affairs and Management

Chanel Nichole Mcfollins-Global Affairs and Management Sharmayne Mike—Global Affairs and Management Isaac Jonathan Miller-Global Affairs and Management Larissa Miotta Simoncello-Global Affairs and Management Meezan Noor Mir-Global Affairs and Management Alejandra Areli Molina-Global Affairs and Management Mackenzie Alexandra Pedersen-Global Affairs and Management Ricardo Reyes Pesqueira-Global Affairs and Management Megan Michelle Rodriguez-Global Affairs and Management Giancarlo Romano-Global Affairs and Management Brenda Janneth Rubio Sanchez-Global Affairs and Management Krista Soraya Salari-Global Affairs and Management Kylee Marie San Miguel-Global Affairs and Management Emily Jane Saxe—Global Affairs and Management Priscila Schreiner Perotti-Global Affairs and Management Spencer William Smith—Global Affairs and Management Taiki Sone—Global Affairs and Management Madeline Hoff Stewart-Global Affairs and Management Guozheng Sun-Global Affairs and Management David Humberto Valle-Global Affairs and Management Deondray Kyree Williams-Global Affairs and Management Shathanyel Nicole Woods-Global Affairs and Management Madit Deng Ring Yel-Global Affairs and Management Biying Zeng-Global Affairs and Management

MASTER OF GLOBAL MANAGEMENT

Eliane Ivett Acuna	Lauren Ford
Pooja Agarwal	Teresa Brianna G
Munawer Musned S Alazmi	Ruth Elisabeth G
Omar M. Alothaim	Henrietta Hales
Troy Daniel Andersen	Brandi Nicole Ha
Natasha Astari	Joshua Kevin Ho
Ali Jan Awan	Brett Thomas Hu
Paul T. Bailie	Jacob Chikara Hu
Sarah Bassal	Koutaro Kagiton
David Bert Canonic	Janelle Elisa Kas
Samuel Sherman Cox	Aishwarya Kastu
Seth Quinn Daimler	Sharlene Lanell H
Charles David	Angela Hong-An
Jinglan Deng	Ka Peng Lei
Ryan Dobie	Shirley A. Malsk
Jonathan Dombek	Lakshmi Priya M
Mengyuan Fan	John Thomas Mc
Bibiany Hammes da Fonseca	Christine Wanjiru

Jomez Juyon ays orton unt urwitz ni sch uria Key nh Le i /Ianoharan cSpadden u Miako

Nicholas Andrew Montferret Mimi Trinh Nguyen Ericka Danielle Nicholes Rosson Pan Bejan Benjamin Parivar Ada Marie Rumford Stephen Reid Sanchez Hannah Savage Michael Severin Nicholas Ryan Shively Yvonne Silva Anna Cristina Slater Nicholas Andrew Stevenson Binoy Paragbhai Vasavada Noe Villa Melissa Elaine Williams David Woods Tyler Kent Yahnke

WALTER CRONKITE SCHOOL OF JOURNALISM AND MASS COMMUNICATION

MASTER OF ARTS

Jake Layne Goodrick-Sports Journalism Ashley Clarque Mackey-Sports Journalism Justin D'marco Parham-Sports Journalism

MASTER OF MASS COMMUNICATION

Micah Alise Bledsoe Austen Alan Browne Brendan Joseph Campbell Kara Elizabeth Carlson Lindsey Nicole Clinkingbeard

Alicia Maria Gonzales Nicole Elizabeth Hernandez Nicole Elyse Nelson Ellen Pierce Gabriella Ivana Revilla

Skyler Jamin Snider Keerthi Vedantam Jade Nicole Vos Yeban

MASTER OF SCIENCE

Kourtney Balsan-Business Journalism Linda Brewer-Business Journalism Paola Ceja-Business Journalism

Joseph Nicholas Gutierrez-Business Journalism Shay Bridget Moser-Business Journalism

WATTS COLLEGE OF PUBLIC SERVICE AND COMMUNITY SOLUTIONS

MASTER OF ARTS

Mary Shamiran Alisha-Emergency Management and Homeland Security Andessy Raquel Altamirano-Criminal Justice Carla Sue Anderson-Criminal Justice Philip F. Aquan-Emergency Management and Homeland Security (Homeland Security) Nelson Tortona Ascano-Criminal Justice Cassandra Antoinette Ashe-Emergency Management and Homeland Security (Community Resilience) Jeffrey Banh-Emergency Management and Homeland Security (Homeland Security) John Barrera-Emergency Management and Homeland Security Joseph Oscar Blattner-Emergency Management and Homeland Security (Emergency Management) Curtis D. Bloomfield-Criminal Justice Chanel Marie Borns-Criminal Justice Keenan Antaughn Bradshaw—Emergency Management and Homeland Security (Homeland Security) Joshua Rvan Braun-Criminal Justice Robert Maxwell Brems-Emergency Management and Homeland Security (Emergency Management) Noah J. Brletich-Emergency Management and Homeland Security Harold Derrick Bydume-Emergency Management and Homeland Security Melinda Diane Cabrera-Duarte-Emergency Management and Homeland Security Isabel Judith Calderon—Criminal Justice Benjamin David Carnes-Emergency Management and Homeland Security Danielle Carr-Emergency Management and Homeland Security Kyle Wesley Cates-Criminal Justice Megan Elizabeth Clampitt-Criminal Justice Shane Ryan Cole—Emergency Management and Homeland Security Thomas Earl Curtis-Emergency Management and Homeland Security (Emergency Management) Brandon David Cyprien-Criminal Justice Sonia Dang-Criminal Justice Doan Dao-Emergency Management and Homeland Security

Andrew Timothy Davis—*Emergency* Management and Homeland Security Casey John Day-Criminal Justice Jackson Kemper Dering V-Criminal Justice Maria Guadalupe Diaz-Criminal Justice Charles Robert Eade II-Emergency Management and Homeland Security Javier Esparza-Emergency Management and Homeland Security Petulia Evans-Criminal Justice Robert Patrick Factora-Criminal Justice Lindsey Fernandez—Criminal Justice Kaitlynn Danielle Ferrito-Emergency Management and Homeland Security (Emergency Management) Christine Marie Forbes-Criminal Justice Travis James Foster-Criminal Justice Nichole Danielle Fuller—Emergency Management and Homeland Security (Emergency Management) Kristen Analysa Gallegos - Criminal Justice Josue Gastelu-Emergency Management and Homeland Security (Homeland Security) Leah Ashley Gessel-Criminal Justice Sina Ghaffarpour-Emergency Management and Homeland Security (Emergency Management) Elizabeth Kathleen Glowacki-Emergency Management and Homeland Security (Community Resilience) Melanie Granillo-Criminal Justice James Joseph Hackett-Emergency Management and Homeland Security (Emergency Management) Eric Joseph Hall-Criminal Justice Angela Rae Helton-Criminal Justice Andrew Herman-Emergency Management and Homeland Security (Biosecurity and Threat Management) Anna Jeannette Hernandez—Criminal Justice Joanna Marie Hernandez—Criminal Justice Billy Keith Hester, Jr.-Emergency Management and Homeland Security Dearl Dean Hinson II-Emergency Management and Homeland Security (Homeland Security) Lorraine Jeannette Hoskins-Criminal Justice Trent Joseph Hullinger-Emergency Management and Homeland Security (Biosecurity and Threat Management)

Jazzlyn Antionette Ivery-Robinson-Emergency Management and Homeland Security Donna Jean Jackson-Emergency Management and Homeland Security (Homeland Security) Charles Edward James – Criminal Justice Donald Jones-Emergency Management and Homeland Security (Homeland Security) Timothy Glenn Kahl-Criminal Justice Stephen Justin Kane-Criminal Justice Jeffrey Michael Kidd-Emergency Management and Homeland Security Katherine Elizabeth Lewis-Emergency Management and Homeland Security (Homeland Security) Benjamin Lenel Macedo-Criminal Justice Kenneth Edward Maloney-Emergency Management and Homeland Security Laura J. Mandt-Criminal Justice Sierra Marchese—Emergency Management and Homeland Security (Emergency Management) Jeffrey Jordan McElwain, Jr. - Emergency Management and Homeland Security John W. McKee-Emergency Management and Homeland Security Cassiopia Alexandrea Mears-Criminal Justice Joslyn Amy Melendez-Criminal Justice Edward Gabriel Mendoza-Criminal Justice Kaitlyn M. Moran-Emergency Management and Homeland Security Joshua Edward Nickoles – Emergency Management and Homeland Security Andrew Charles Norton—Emergency Management and Homeland Security (Community Resilience) Nicole Sara-Slight O Dell-Criminal Justice David Lee O'Berry-Criminal Justice Jason Ortiz-Criminal Justice Michael Overmyer-Emergency Management and Homeland Security (Emergency Management) Casey Charles Potts-Emergency Management and Homeland Security (Emergency Management) Ana Lena Ramirez-Criminal Justice Dylan Marie Reynolds-Criminal Justice

Rebecca Sosa Reynoso—Criminal Justice Leslie Brooke Rhymer—*Criminal Justice* Tara Phelan Richardson-Criminal Justice Michael Trent Ricks-Emergency Management and Homeland Security (Homeland Security) Sam Risha—Emergency Management and Homeland Security Charis Renai Royal—Emergency Management and Homeland Security (Biosecurity and Threat Management) Tammi J. Severin-Emergency Management and Homeland Security Cassidy Brooke Siso-Criminal Justice Tara Jordan Smith - Criminal Justice Michael Leonard Sofka-Emergency Management and Homeland Security (Homeland Security) James Jension Stack-Criminal Justice Nathaniel Darryl Stevenson—Criminal Justice Taylor Elizabeth Stewart—*Emergency* Management and Homeland Security (Homeland Security) Russell Sturtevant—Emergency Management and Homeland Security (Homeland Security) Jeremy David Swartz-Emergency Management and Homeland Security Eric Alan Tatgenhorst-Emergency Management and Homeland Security Alysia Taylor Thorn-Criminal Justice Marcus Jay Todechine-Criminal Justice Jerry Staples Turbyfill—*Criminal Justice* Ryan Daniel Winters-Emergency Management and Homeland Security Kevin Charles Wolfe-Criminal Justice Tiearra N. Wright-Criminal Justice Patrick Michael Zang—Emergency Management and Homeland Security (Homeland Security) Tessie Jean Zarogoza-Davies—*Emergency* Management and Homeland Security Jennifer J. Zhang-Emergency Management and Homeland Security (Homeland Security) Muhannad Zubi-Emergency Management and Homeland Security (*Emergency Management*)

MASTER OF NONPROFIT LEADERSHIP AND MANAGEMENT

Heather Ann Aal Mary Shannon FitzSimons Bailey Jennifer Brauer Robert F. Buchanan III Cordelia House Karen Ann Kormendy Catherine Friederich Murray JeKaren Dor-Amaris Olaoya

MASTER OF PUBLIC ADMINISTRATION

Jinhyung Ahn—Public Administration Abdullah A S M SH Alenezi-Public Administration (Emergency Management) Abdullah Abdullah M Alshenaifi – Public Administration Carlos J. Avalos-Public Administration Nathan Walter Blair-Public Administration Jhinelle Boggie-Public Administration Corrina Lakeisha Brown-Public Administration Darius Lavon Coles-Public Administration (Emergency Management) Katie Sue Cramer-Public Administration Cody-Leigh Mackenzie Curl-Public Administration Grant Alexander Harrison-Public Administration Rachel Ann Hudgens-Public Administration (Urban Management) Chia-Ko Hung-Public Administration Samuel Irvin-Public Administration Menghua Liu-Public Administration (Nonprofit Administration) Diego Javier Pina Lopez-Public Administration Diego Javier Pina Lopez-Public Administration Tyler Daniel Lopez-Public Administration Sarah Lubomir Lords-Public Administration (Nonprofit Administration)

Zongxiang Mao—Public Administration (Urban Management) Alison Patricia Matthees – Public Administration (Public Finance) Trevor McGilvrey-Public Administration Kc Joseph McGuire-Public Administration (Urban Management) Carlos Morgan-Public Administration (Urban Management) Samuel B. Newman-Public Administration Alexis Nicole Pagel-Public Administration (Emergency Management) Sergio Osbaldo Perez-Public Administration (Emergency Management) Amy Elizabeth Pressler-Public Administration Taylor Danielle Reimann-Public Administration Aaron J. Robinson-Public Administration (Urban Management) Ahmad Saleem-Public Administration Nicholas Andrew Schuelke-Public Administration Blake Deacon Scott-Public Administration (Emergency Management) Antonio Shin-Public Administration (Emergency Management) Haylie Jean Smith-Public Administration (Urban Management) Mikhail E. Sundust-Public Administration

Mikhail E. Sundust—Public Administration

MASTER OF PUBLIC POLICY

Katje Marie Benoit—Public Policy Pallavi Chandra—Public Policy Haley Rayanne Cooley—Public Policy Samantha Ryan Dorenfeld—Public Policy Christine Ann Espinosa—Public Policy (Science and Technology Policy) Sydney Marie Files—Public Policy Hanna Lee Haran—*Public Policy* John Carter Owens—*Public Policy* Samuel Stewart Rogers—*Public Policy* Joungduk Seo—*Public Policy* Joanna Foote Williams—*Public Policy* Xiao Yu—*Public Policy*

MASTER OF SCIENCE

Katharine Leigh Brown—Criminology and Criminal Justice Kendelle Sue Brown—Program Evaluation and Data Analytics Brenda Jean Campbell-Community **Resources and Development** Anastacia Maria Garcia-Johnson-Criminology and Criminal Justice Julianna Lauren Hale-Criminology and Criminal Justice Abigail Elizabeth Henderson-Program Evaluation and Data Analytics Katelyn Nicole Loomis-Criminology and Criminal Justice Deana Moore-Criminology and Criminal Justice Nickolas Todd Pryor-Community Resources and Development (Parks and Recreation Management)

Angela Evelina Robin—*Criminology* and Criminal Justice Sydney Kirsten Rood - Community Resources and Development (Sustainable Communities) Maria Michela Sciacca-Criminology and Criminal Justice Pingkang Shen-Program Evaluation and Data Analytics Kayleigh Ann Stanek-Criminology and Criminal Justice Destinee Lee Starcher-Criminology and Criminal Justice Marissa Celene Tuchalski-Community Resources and Development (Tourism)

MASTER OF SOCIAL WORK

Travis John Acosta-Social Work (Advanced Direct Practice) Elizabeth Overton Acree-Social Work Gisèle Kanlé Aïcha Adanlété-Engram-Social Work Margaret Adcock-Social Work Graceann Malea Akazawa-Social Work Lesley Almodovar-Social Work (Advanced Direct Practice) Darrin Ambrosino-Social Work (Advanced Direct Practice) Monica Christine Arriaga-Social Work Marisol Arroyo Portillo-Social Work (Advanced Direct Practice) Elizabeth Ann Attridge-Social Work Sherrie Annette Aulds-Social Work Alexa A. Bailey-Social Work (Advanced Direct Practice) Ashley Joanna Bailey-Social Work (Advanced Direct Practice) Dawn R. Bailey-Social Work (Advanced Direct Practice) Beverly Denice Bailey-Barnes-Social Work Shane Tyler Baker-Social Work (Advanced Direct Practice) Jodi R. Banks-Social Work Christopher Trevor Begay-Social Work Amelia Bible—Social Work Sarah Ann Bigley-Social Work Brian Bilandzija-Social Work (Advanced Direct Practice)

Sarah Eloise Zrane Blache-Social Work Thomas J. Blake-Social Work Amber LaShell Renee' Block - Social Work Carena Jo Bloom-Social Work Jhinelle Boggie-Social Work Yamilka Yalaina Borquez Bustamante-Social Work Brittany Britt-Social Work (Advanced Direct Practice) Carina Nicole Brodsky-Social Work Nathaniel Patrin Bush-Social Work (Advanced Direct Practice) Rose E. Bushnell-Social Work Brittany Danielle Cabezas-Social Work Callie Marie Cale-Social Work (Advanced Direct Practice) Aimy Starr Campbell-Social Work Rachel Paulena Campbell-Social Work (Advanced Direct Practice) Alicia Ricarda Canchola-Social Work Mark Anthony Capetillo-Social Work Brenda Michelle Carney-Social Work Alyson Marie Carrizales-Social Work (Advanced Direct Practice) Monica Ruth Casalean-Social Work (Advanced Direct Practice) Hilary Lois Case-Social Work Sarah Chelsey Casey-Social Work (Advanced Direct Practice) Angela P. Cazel-Jahn-Social Work Miles Philip Cemel-Social Work

Leslie Anahi Ceniceros - Social Work (Advanced Direct Practice) Abriana Esther Chamberlain-Social Work (Advanced Direct Practice) Abel Ray Chanes-Social Work Bithia Chavez-Social Work (Advanced Direct Practice) Sarah Maria Chon-Social Work Sara Dawn Church-Social Work Nicole Catherine Ciriello-Social Work William H. Cohen-Social Work Anessa Jessica Compos-Social Work Lisa Marie Crist-Social Work Elizabeth Pamela Joyce Cunningham-Social Work Jeanette Nicole Davis-Social Work Michael Lee Davis-Social Work Amber Deaun Deal-Social Work Cristina Delgado-Social Work (Advanced Direct Practice) Rachel Catherine DeLozier-Social Work Benita Marie DeLuca-Social Work (Advanced Direct Practice) Nicole M. Deluca-Social Work Turquoise Skye Devereaux - Social Work (Planning, Administration and Community Practice) Kassidy Marie Dickson-Social Work (Advanced Direct Practice) Erin Dowling-Social Work Lauren M. Drucker-Social Work Francisco J. Duran-Social Work Clarissa Marie Duran-Chavez-Social Work (Advanced Direct Practice) Nathan William Durant-Social Work Heba Elsaad-Social Work Brisa Enriquez-Social Work (Advanced Direct Practice) Brenda Yañez Escamilla-Social Work (Advanced Direct Practice) Sara Mari Escandon-Social Work Abby Evans-Social Work (Advanced Direct Practice) Liliana Fajardo-Social Work Kellie Farrell-Social Work (Advanced Direct Practice) Pedro A. Felix - Social Work Livia Alene Finman-Social Work Christi Lynne Fogtman-Social Work (Advanced Direct Practice) Genesis Frazier-Social Work Molly Victoria Fritsch-Social Work Haley Rose Fuhrmann-Social Work Diana Nayeli Uriarte Garcia-Social Work (Advanced Direct Practice) Leslie Garcia-Social Work

Samantha Ann Garcia-Social Work Katie Lynn Gentry-Social Work (Advanced Direct Practice) Kelsey Alina Gifford-Social Work Nathan Robert Gilligan-Social Work (Advanced Direct Practice) Amanda Nicole Godinez-Social Work Angelica Maria Godinez-Social Work Olivia Goins-Jordan-Social Work Mariel Berenice Gonzalez-Social Work Ruby June Granlund-Social Work Jill B. Green-Social Work Barbara Ann Guillen – Social Work Yesenia Gutierrez-Social Work Rebecca Hammett-Social Work (Advanced Direct Practice) James David Hansbrough—Social Work Jessica Taylor Hargrove-Social Work Ashley Nicole Harris-Social Work (Advanced Direct Practice) Jennifer C. Harrison-Social Work (Advanced Direct Practice) Rachael Danielle Hartzell-Social Work Mary Martin Hayden-Social Work Stacy Rae Hedrick-Social Work Sharon Katherine Herndon-Social Work Alissa Caitlin Heyer-Social Work Rebecca Anne Hinchcliff-Social Work (Advanced Direct Practice) Rebecca Alexandra Hoffman-Social Work Sarah Ellen Hollow – Social Work Lashaina J. Hoskie-Social Work Eliana House-Social Work (Advanced Direct Practice) Melissa Ann House-Social Work Erwin R. Hurtado-Social Work (Advanced Direct Practice) Sarah Grace Jackson-Social Work Samuel Raymond Jaeckels-Social Work Breanna Kae Janovy-Social Work Brianna Jane Jimenez-Social Work Ashley Lynn Johnson-Social Work Theresa Michele Johnson-Social Work David Simon Kairis-Social Work Keri Kampsen-Social Work Tejal Kanabar-Social Work Nicole Elizabeth Kazan-Social Work Marissa Lea Kenny-Social Work (Advanced Direct Practice) Julie Marie Kent-Partridge-Social Work Jennifer Lynn Kirk-Social Work Mitchell Trask Krmpotich-Social Work Kathryn Marie Kruithoff-Social Work Rebecca Krumm-Social Work Maria Elena Kuhnen-Social Work (Advanced Direct Practice)

Amanda Kurtz-Social Work Danielle Nicole LaBelle-Social Work Cadence Nicole Lake-Social Work (Advanced Direct Practice) Samantha Jean Lake-Social Work Lori Layugan-Social Work Carina Ledesma – Social Work Mitchell Edward Lee-Social Work Guadalupe Yvonne Lemus-Social Work Nicole Frances Lescher-Social Work Robyn White Lester-Social Work Nicholas Michael Long-Social Work Christina Rebecca Lopez-Social Work Deniece Alexandra Lopez-Social Work (Planning, Administration and Community Practice) Heather A. Low-Social Work Jamie Lynn Mahan-Social Work (Advanced Direct Practice) Joseph Mannarelli-Social Work Brigette Shainideen Manson-Social Work Katrina H. Maranville-Social Work Jordan Maready-Social Work (Advanced Direct Practice) Melanie Marraffa-Social Work Maria Christina Martín-Social Work Andrea Vazquez Mata—Social Work (Advanced Direct Practice) Andrew Oehau McGrevy-Social Work (Advanced Direct Practice) Laura L. McKeon-Social Work Pamela Merino-Social Work Tatiana K. Millett-Social Work Lindsey Danielle Minton-Social Work Emmily Josephine Molio'o-Social Work Rachel Katherine Molnar-Social Work Jared Scott Monroe-Social Work Jennifer ReNee Moore-Social Work Amy Grace Morale—Social Work (Planning, Administration and Community Practice) Andrea B. Moreno-Social Work Jerica Lynn Morgan-Social Work (Advanced Direct Practice) McKenzie Jane Morgan—Social Work Adam Rov Morrison—Social Work Jessica Rae Mueller-Social Work Victoria Anne Murphy-Social Work Kimberlee Alyn Myers-Social Work Myesha Raven Danielle Nelson-Social Work Janelle Elizabeth Nixon-Social Work Brooke Nicole Noble-Social Work Kathryn Elizabeth Norman-Social Work (Advanced Direct Practice) Heather Ariana Nute-Social Work (Advanced Direct Practice)

Karina I. Nyberg-Social Work (Advanced Direct Practice) Courtney Lee O'Connor-Social Work Araceli Amalia Olivas – Social Work Estellita Annette Olivas-Social Work Lawrence Nicolas Oñate-Social Work Alexus Orlowski-Social Work (Advanced Direct Practice) Silvia Yazmin Orozco Garcia-Social Work Diana M. Pacheco-Social Work (Advanced Direct Practice) Casey Andrew Paschall-Social Work (Advanced Direct Practice) Yuritt G. Pasos Rascon-Social Work Haley Madison Passarella-Social Work (Advanced Direct Practice) Max Leonard Pelletier – Social Work (Advanced Direct Practice) Jamie Ann Pereira-Social Work Raquel Perez Gonzalez-Social Work Sara Baris Perry-Social Work Toni Rachel Peters-Social Work Esmeralda Rios Peterson—Social Work (Planning, Administration and *Community Practice*) Kyle Peterson-Social Work Jade Nicole Pickings-Social Work (Advanced Direct Practice) Erin Beth Plattner-Social Work Amber Leigh Poplewko-Social Work (Advanced Direct Practice) Skyla Elizabeth Powers-Social Work (Advanced Direct Practice) Jessica Haviland Frances Price-Social Work Jordan Ramil-Social Work (Advanced Direct Practice) Carlos Alberto Ramos—Social Work (Planning, Administration and Community Practice) Rachel Ana Reding-Social Work Heather Therese Reed-Social Work Andrew Linder Reidenbach-Social Work Carolyn Ann Rende—Social Work Blanca Sierra Reyes-Social Work (Advanced Direct Practice) Jeffrey S. Riddle-Social Work Lizette A. Rivera-Social Work Leah E. Robeck-Social Work Ewana Matava Robertson-Social Work (Advanced Direct Practice) Virginia Rodriguez-Social Work (Advanced Direct Practice) Autumn Lea Rodriguez-Social Work Karla Giovanna Rodriguez-Social Work (Advanced Direct Practice) Timothy A. Rogers-Social Work

Christopher Heinrich Romero-Social Work Guadalupe Romero-Social Work (Advanced Direct Practice) Kira Nicole Russo-Social Work Nicole Sagman-Social Work Elizabeth Samara Sahawneh-Social Work (Advanced Direct Practice) Callie Joanne Virginia Saiz-Social Work Jessica Katrina Salcedo-Social Work Tabitha Ann Salom-Social Work Jamella Garcia Sanchez-Social Work Magdalena H. Sanchez-Social Work Marcela Garcia Sandoval-Social Work Marissa Elaine Sandoval-Social Work Gloria Andrea San Juan-Social Work (Advanced Direct Practice) Giuliana Maria Santaferra—Social Work (Advanced Direct Practice) Patty Mayeline Santillanes-Soto-Social Work (Advanced Direct Practice) Andrea Lyn Schmalzer-Social Work Madeline Scholl-Social Work Laura Nichole Semkiw-Social Work Malia Seronio-Social Work (Advanced Direct Practice) Rebekah Alexandra Sewing-Social Work Kylie Ann Seymour-Social Work Jessica Lynn Shoff-Social Work Thomas Slocumb-Social Work (Advanced Direct Practice) Samuel Jacob Smit-Social Work Ashley Nicole Reneé Smith-Social Work Laketa Hodge Smith-Social Work Elizabeth Solano Mejia-Social Work (Advanced Direct Practice) Katherine Rose Sommero-Social Work (Advanced Direct Practice) Diane Blanche Soucy-Social Work Mellissa Michelle Spens-Social Work Cassandra Ann Stauch-Social Work Alice Francine Streight-Social Work Veronica Alejandra Suarez-Social Work Jade Sun-Social Work Allysen Jo Swinney-Social Work Cristina Tanase-Social Work Chevenne Michele Tatum-Social Work Amber Brooke Terranova-Social Work Jessica Michelle Thiel-Cygan-Social Work Kassandra Anne Trujillo-Social Work Sarah Kathleen Turner-Social Work Molly Marie Tuter-Social Work

Mara Eloina Valenzuela-Social Work (Advanced Direct Practice) Kara Antonia Grace VanHise-Social Work Sydney Payton Van Horn-Social Work Dana VanMilligan-Social Work Maria Rocio Vasquez-Social Work (Advanced Direct Practice) Cerrone Lamar Vaughn—Social Work Guadalupe Vela-Social Work (Advanced Direct Practice) Andrea Susan Velazquez-Social Work (Advanced Direct Practice) Adriana Verdin - Social Work (Advanced Direct Practice) Courtney Jane Giovanna Vescio-Social Work (Advanced Direct Practice) Paola Lizbeth Villa-Social Work (Planning, Administration and Community Practice) Fabiola Villalobos - Social Work Kristen Linda Wagstaff-Social Work Christina Michelle Waln-Social Work Ashley Cache' Ware—Social Work Katelyn Taje Waxler-Social Work (Advanced Direct Practice) Arianna Katva Weide – Social Work Melissa Lyn Wertenberger-Social Work Timothy Michael Wharton-Social Work (Advanced Direct Practice) Kaitlyn Aisleen White-Social Work Jacob Kalikimaka Wilks—Social Work Adrianne D. Williams-Social Work Nakia Willis-Social Work (Advanced Direct Practice) Ariel Wilson-Social Work Candace Wilson-Social Work (Advanced Direct Practice) Gina Verean Wilson-Social Work Kelly Margaret Wilson-Social Work Kevin Michael Wilson-Social Work (Advanced Direct Practice) Seth Howard Wilson-Social Work (Advanced Direct Practice) Leah Wolin-Social Work Kassi Michele Woods-Social Work Rachael Ann Yepez-Social Work (Advanced Direct Practice) Tawanna Young-Social Work Ruby Kay Zarzyczny-Social Work Vincenzo Antonio Zolfo-Social Work (Advanced Direct Practice)

MASTER OF SUSTAINABLE TOURISM

Summer Charmane Dio Shay Michelle Perryman

MASTER PUBLIC SAFETY LEADERSHIP AND ADMINISTRATION

Glen Allen Banks II—Public Safety Leadership and Administration Danielle Nicole Beauchamp—Public Safety Leadership and Administration Kwyn Marie Cooper-Public Safety Leadership and Administration Sabrina Nichole Fabbri-Public Safety Leadership and Administration (Executive Police Administration) Ferniece Natasha Galloway—Public Safety Leadership and Administration Craig J. Gocha—Public Safety Leadership and Administration (Executive Police Administration) Christopher Michael Grafton-Public Safety Leadership and Administration (Executive Fire Administration) Jerrod Princeton Guinn-Public Safety Leadership and Administration Nicole Liana Hartfelder—Public Safety Leadership and Administration Ernst Hebeisen-Public Safety Leadership and Administration (Executive Fire Administration)

Cynthia Hughes—Public Safety Leadership and Administration Steven William Lake—Public Safety Leadership and Administration (Executive Police Administration) Joshua William Loescher-Public Safety Leadership and Administration (Executive Fire Administration) Jack Robert Manning-Public Safety Leadership and Administration Brandan J. Millan–Public Safety Leadership and Administration (Executive Fire Administration) Jean-Paul Piche—Public Safety Leadership and Administration (Executive Fire Administration) William Charles Session—Public Safety Leadership and Administration (Executive Fire Administration) Ryan M. Smith—Public Safety Leadership and Administration Curt Matthew Steel—Public Safety Leadership and Administration

W. P. CAREY SCHOOL OF BUSINESS

MASTER OF ACCOUNTANCY

Jessica Lauren Babani Justin Daniel Babani Jason Michael Bisdorf Alexander J. Broglia Jihan Cai Yuexin Cai Chih-Chun Chang Lutao Chen David Michael Cook Luke C. Desimone Hannah Edmonds Kyle Joseph Forsythe Ashley Nichole Gibson Anthony Michael Hanson Jack Kendal Hanson III Conner Hastings Kaitlin Francis Heigl Ivy Truong Hurd Jonathan Jacob Jablonski Shuhan Jia Kaitlin Johnsen Vedanti Himanshu Joshi Ryan Edward Kuhl Daniela Maxim's Lizárraga Leyva Brandon Lee Lopez Jacqueline Elizabeth Luna Emily Jordan Mills Michael Tyne Nickel Dana Obolewicz Lindsay Taylor Schloss John Charles Schneider Kaitlyn Michelle Selman Daniel Sharpy Chandler Rayne Snell Kelly Ann Tabar Yuji Wang Taylor Douglas Waslaski Xinyue Zhang

MASTER OF BUSINESS ADMINISTRATION

Yoosif Mohamed Ali Abdalla Akram Jamal Abdallah Jacob Michael Adams Shewit Agaskar Fatima Vanessa Aguero Ruiz Alya Ahmed Gregory James Ali Simon Edward Allen Dana Catrice Allmond Ian Samuel Anderson Benjamin Daniel Anderson Regina Ifeoma Anih Faissal O C Ard Audrey Lynne Arrington Emad Aslam Shane Henry Atha Dane Aye-Englert Jason Barfuss Vincent Christopher Bassani, Jr. **Dustin Alexander Bates** Roger Wayne Battles Lauren Elizabeth Baum Gayla Chanel Beasley Victoria Lynne Becher Heidi Hogle Bergeron Maren Clare Berkman Paul Marshall Berman Gregory L. Bernosky Michelle Nichole Bezdek Adam Ross Birdsall Eklavya Bishnoi Arron Paul Bodine Michael Aaron Borden James Paul Borovsky Rosemary Kathryn Brancato Kyle M. Brewer Holly Nicole Brouillette Blaine Burton Jake Butterfield Gladys Jackelyn Canani Alana Sofia Carrasco Amelius K. Carrillo Che-Ting Chao Yian Kie Chao Nicole Lee Chappell Tristan William Charlesworth Guofeng Chen Jianhua Chen Xu Chen Zhiwei Chen Andrea Cherroni Tiffany Yeong Chiang Sergey Chipilenko

Simbai Chizengeni Manish Kumar Choudhary Nicole Conklin Cory Allen Cooper Jessica Lynn Cowan Brooke Marie Cramblitt Christopher Cramer Adam Creel Ramya Danala Amanda Kay Davis Gregory Mark Davis Jacob Davis Tanner B. Davis Jennifer Lynn Del Rossi Gina Marie Delahunt Timothy Daniel Delfino-Karl **Elvis** Diaz Jonathan E. Dill Caitlin Anne Dishon Alex Ali Djahankhah Madeline Elizabeth Doherty Megan Skye Dolle Stacy Rebecca Donadio Graham Robert Donaldson Kyle Robert Donnelly Shawn Henry Downs Xiang Du Elyssa Nicole Dull Todd Joseph Sawyer Eddy El Mahdi El Boukhari Spencer William Elliott Jacob Ryan Ellis Shannon Bethany Eplett Steven Jesse Erickson Stacy Espinoza Charles Austin Everson Yuejiang Fan Jing Fang Austin Marc Feldman Man Feng Adrian Fields Teresa Stainbrook Fisher Isaac Fung Michael Scott Gafke Adena Gilden Tiana Marie Moriki Goodman Marc F. Gorski Aarthi Goyal Darin Graves Jacob Adam Green Zoe Gryparis Jinggang Gu Arun Gupta Dan Han

Cameron James Hansen Andrew Stuart-Murff Hardy John Thomas Harris IV Rachel Ellen Harrison-Lewis Sean Michael Hatch Kristen Marie Hicks Frank Yuhder Ho Adam J. Hoffman Savannah Nicole Hoover Kyle James House Carolyn Stone Houston Kai Ting Hsu Hefa Huang Jordan Joseph Huber Richard Hughes Mensur T. Hussien Amritha Varshini Ivatoori Lena Jackson-Eckert Bhavini Jaiswal Justin Ryan Jeffers Kathleen Cecilia Jensen Rohan Adam Jesudason Anubhuti Jha He Jiang Kang Jiang Tao Jiang Guoxing Jin Hangbin Jin Lindsay Taylor Johnson Jessica Ava Jordan Harshal Dinkarrao Kalinkar Akuako Patricia Kalu Wanjiku Kamau Ryan M. Kelkar Edward William Kern Elise Catherine Kerner Salman Khan Souvik Khan Melissa Irene Kiehne Steven Michael Kilpatrick Victoria King Thomas James Knudson Justin Wayne Krowel Gautam Kumar Remund Jordan Dicen Labios John Telgard Lake-Laubach Thanh T. Lam Nicholas Angel Lanza Kellianne Marie Lauer Jennifer Learv Jana Kay Lechelt Kristen Brittany Lee Te-Yu Lee Marc LeFevre

Jacky Leybman Jun Li Xiaofan Li Yajun Li Yongqiang Li Zhiming Li Glen David Lingle Bin Liu Jun Liu Mingfei Liu Yan Liu Lewis Caleb Livingston Stefani Layne LoBosco Haifeng Lu Yin Lu Jun Lv Taylor Mackenzie Maceyak Hayley Evonne Magerman Steven Mai Daniel Dawson Maki Martynas Mankus Deanna Louise Mariner Jose Carlos Martin Alfonso Enrique Martinez Raul Alexander Martinez Miguel Angel Martinez Gaspar Anu M. Mathew Ruby Elizabeth Mathew Priyanka Mathur Allen Kuziwakwashe Matsika Alyssa Lynn May Jennifer Jane McAlpine-Dilem Nicholas J. McDonald Sherman McElroy Ryan Matthew McGinn Maria Fernanda Medina Perez James M. Mellen Mahendra Menakuru Jonathan Russell Micksch Christopher Patrick Miehl Bryan Dale Miller Corrie Marie Milster Deepak Mohan Amanda Marie Moller Tessa Racheal Moncrief Alain Monrov Justin R. Monteleone Jacquelyn Rae Moore Matthew Edmund Morales Bryan Mosley Di Mu Andrew Barrett Sanders Munson Stephanie Murphy Bharathiraja Nagappan Christopher William Nedimyer

Michael Weston Newell Christina Huynh Ngo Trang Dieu Thuy Ngo Duong Ha Nguyen Garrett James Niederkorn Sean Thomas O'Neill-Ryan Emmanuel Osaruyi Ogbeide Eric Stewart Ogren Loubna Olouy Garth L. Parham Harsh Umeshbhai Patel Tiffany Pei Michael Joseph Perez Cameo Shani Pete Timothy Peterson Alexander Robert Pfarr Chase Graham Phelps Heidi Humphrey Philippe Steven Scott Picone Amie Renee Pierone Kate Ashlee Prentice Trenton Andrew Proper Potter Connor Samuel Ouiglev Ramachandran Ramakrishnan Carlos Omar Ramirez Ramos Christina Ratto Gauray Rawat David Scott Reinfeld Evan Jordan Resman Frederic Ian Rewoldt Allison Hope Richer Megan Elizabeth Rippey Robert Merle Ritter III Sarah Elizabeth Roberts Dillon Holmstead Robinson Joshua Thomas Rubel Adam Michael Salvo Catherine Sarosy Bhushan Ramesh Sawarkar Nicholas Anthony Sbordone Jenifer Marie Scheehle Travis James Schmidt Caleb William Schulz Meron Mekonnen Sebhatu Chad Jason Seeber Patrick Robert Seip I Gde Hari Arsadhana Sengara Mudit Sethi Oing Shao Aashish Sharma Pallavi Prakash Shetty Daguang Shi Wei Shi Monica Rae Jinshuen Shieh Jessica Erin Siegel Joseph William Sienicki

America Silva Siddhant Singhee Austin Robert Sky Michelle Slifcak Villa Jacob Edward Smith Jacob T. Smith Kelley Shaye Smith Bevys Chelsworth Gee Smyth Ryan Michael Sokolovsky Sarankumar Soundararajan Kaelynn Carol Sporka Rebecca Diane Standfast Elizabeth Hall Stearns Joseph Rvan Steichen Chelsea Lynn Stevenson Caitlin Styres Guorong Su Jin Sun Qiliang Sun Kelly Aureta Sweeney Michael Lauri Syrjala Paul Richard Tesarek Christine Jennifer Tetrick Colette Alice Thibodeau Shalini Elizabeth Thomas Gregory David Thorley Matthew Douglas Todd David John Tompeck Monica Alexandra Triana Bonilla Pinar Tunar Daniel Orlando Vargas Thomas Joseph Verde Gokul Chakravarthy Vijayamoorthy Jose Villalba Kyle Devin Visconti Madalina Gabriela Vrejoiu Andrew Lawrence Wachtel Jeffrey James Walker Andrew Kirk Wallace Jianhua Wang Kan Wang Tuokun Wang Yousong Wang Margaret Broderick Wead Dustin Gregory Weil Danielle Alexandra Weinberg Casev Jane Weltzin Denver J. Whetten Maurice Alonzo White Roxanne Lvnn White Renee Alethia Williams Christopher Alan Withrow Jennifer Julia Wong Ryan Richard Wrobel

Xiaodong Wu Yongli Wu Yan Na Xu Zhentao Xue Sidhant Yadav Giovanni Yakoo Bin Yang Jiachen Yang Junyuan Yang Robert Michael Yap Shane Kevin Yeakle

Hui Yi Siyang Yu Minjian Yuan Feng Yue Carl Symon Zaragoza Zhaobin Zeng Wenyi Zha Guangying Zhang Jianfeng Zhang Jing Zhang Lulu Zhang Na Zhang Weimin Zhang Ying Zhang Zengle Zhang Yan Zhao Karen Lai Yee Zhen Qian Zhou Qian Zhou Luke Joseph Zoesch Yang Zou

MASTER OF REAL ESTATE DEVELOPMENT

Nicholas Anthony Affronti Vicente Huneeus Alliende Kevin Thomas Bauer Lindsey Mae Campbell Danielle Babashoff Carlson Holly Lorraine Chilicas Frank F. Collins Thomas Kevin Czerwinski Santiago Fajardo Nicolas John Garofono Jennifer Elizabeth Harrison Clyde Parker Holland III Jonathan Max Joseph Solomon Harrison Mabry Mario Cesar Montano John Parnell Robert Michael Pollack Thomas Boltron Quiroz Kevin Eugene Reed Jonathan Eugene Rigney Wade M. Rivera Michael Thomas Roberts Rachel Sonya Rodriguez Michael Sobel Symone Kiara Thomas Wade Dora Troeger Jason Douglas Wagner Marjorie Wakefield Tanner Melvin Weekes

MASTER OF SCIENCE

Fariz Abbaszade-Global Logistics Bernard Aboagye Obeng-Management Rami Abouriah Almkhlalati-Management Marie-Antoinette Addo-Management Golda Okai Afoakwa-Global Logistics Valentine Klenam Aglah—Global Logistics Ibtisaama Yahaya Ahmed—Global Logistics Pooja Maneesha Akkem-Business Analytics Fahad Abdulaziz S Alamil-Management Ahmed Ibrahim Abdulla Abdulrahman Alawadhi-Finance Yousef Waleed AlAwadhi-Global Logistics Ramesh Chowdary Alla-Business Analytics Khalid Al-Najjar-Finance Muhammed A. Alrazeen-Finance Mohamed Ahmed Matar Ahmed Alsuwaidi-Finance James Paul Altmann-Business Analytics Christopher Anajeiyem-Management Wendy Anel Cruz Andrade-Management Namit Aneja-Business Analytics Venkata Naga Praveer Anisetty-Business Analytics Daniel James Arcaro-Business Analytics Ramona Arora-Business Analytics Dan Arundel-Business Analytics Swadha Awasthi-Finance

Terrence O. Ayuk-Takor-Business Analytics Juhui Bae-Economics Srinidhi Balaji-Management Malavika Balakrishnan-Business Analytics Nishanthi Balakrishnan-Business Analytics Subina Balakrishnan-Business Analytics Joshua Lee Balboa-Information Management Andrea Bridget Baltazar-Business Analytics Ayushi Bansal-Management Ahmad Bager-Finance Abhishek Barve-Business Analytics Inderjit Basran-Finance Charles Alain Baxter-Information Management Hope Justin Bennett-Information Management Brian W. Berg-Information Management Ronald Edward Berg-Information Management Wesley Donald Blood-Business Analytics Adam Paul Blossey-Business Analytics Monica Alexandra Triana Bonilla-Business Analytics Rachel Marie Bright-Business Analytics Zhiju Cai, Sr.-Finance Erin Carroll-Information Management Anjali Chadha-Business Analytics

Christine Ngar-Chee Chan-Business Analytics Ting-Hsuan Chang—Business Analytics Xincheng Chang-Global Logistics Yen-Po Chang-Business Analytics Che-Ting Chao—Business Analytics Liang-Kai Chao—Global Logistics Yian Kie Chao-Business Analytics Sai Manideep Cheekatimalla-Business Analytics Anfan Chen-Finance Chieh-Sheng Chen-Business Analytics Enchi Chen-Business Analytics Feng Min Chen-Management Kun-Yen Chen-Business Analytics Meitong Chen-Finance Yen-Shu Chen-Global Logistics Yi Chuan Chen-Business Analytics Yidan Chen—Global Logistics Ying-Feng Chen-Business Analytics Zhen Chen-Finance Ziang Chen-Global Logistics Zihao Chen-Finance Yi-Ting Chien-Business Analytics Szu Yu Chou-Business Analytics Wen-Chia Chung-Business Analytics Yu-Tung Chung—Business Analytics Benjamin Andrew Ciani-Information Management Kevin W. Conklin-Business Analytics David Amitabh Corrigan—Business Analytics Timothy Elton Crowell-Business Analytics Santiago Garcia Couto-Economics Varun Tushar Dave—Business Analytics Madison Marie Davis-Management Storm Jordan Davis-Finance Michael DeFinis III-Information Management Jiali Deng-Business Analytics Aishwarya Deshpande-Business Analytics Sarang Deshpande-Business Analytics He Diao—Business Analytics Matthew John Diethorn-Information Management Lakshay Dilawri-Management Sean P. Dillane—Information Management Jie Ding-Global Logistics Jonathan William Dittman—Finance Alex Ali Djahankhah-Information Management Nicholas David Dugan-Information Management Alexander Chase Dunning-Finance Denis Duvnjak-Finance Spencer William Elliott-Finance Ward James Ellis-Finance Matthew Enright-Information Management Seyed Mohammad Sadegh Eshaghnia-Economics Dalton Cordell Farmer-Finance Russell William Feagley-Information Management Derek Matthew Fenton-Finance Sterling R. Fluharty-Business Analytics Blake Gerard Flynn-Finance Richard J. Flynn-Business Analytics Mark Frazzini-Finance Adam Luigi Friio-Business Analytics Yanyi Fu-Global Logistics Sahithi Gaddipati - Business Analytics Shiva Ganeshan-Business Analytics Qing Gao—Global Logistics Sanjay George-Business Analytics Ria Mahua Ghosh-Business Analytics Robert Macrae Glass-Finance Harshita Goel-Business Analytics Himanshu Goenka-Management Aarthi Goyal-Business Analytics Michael Robert Grasso-Information Management Alex Steven Groeper-Finance Ye Gu-Global Logistics Cristi Darley Guevara-Business Analytics Kartheek Guntupalli—Business Analytics Xiangchao Guo-Finance Ziyuan Guo-Global Logistics Abhishek Gupta-Business Analytics Roli Gupta-Business Analytics Ryan D. Gutowski-Finance John Herrero-Finance Daniel Lee Hesse-Global Logistics Frank Yuhder Ho-Business Analytics Sijia Hou-Finance Szu Han Hsu-Business Analytics Jiajun Hu-Business Analytics Yiping Hu-Finance Chen Huang—Business Analytics Leighann Michelle Huang-Business Analytics Su Huang-Global Logistics Tianyi Huang-Business Analytics Xiaoshuai Huang-Finance Ya-No Huang—Global Logistics Yang Huang—Business Analytics Yu-Hao Huang-Finance Sara Danielle Huntley – Business Analytics Jason Charles Hyacinthe-Business Analytics Amrita Iyer—Business Analytics Xiaonan Jian-Finance Yuan Jiang-Global Logistics Yuhan Jiang-Business Analytics Zhilan Jiang—Business Analytics Airel Paige Jimenez-Business Analytics

Carla Zamora Jimenez-Management Zixiang Jin-Business Analytics Joshua Ryan Johnson—Information Management David Kalaczinski-Information Management Sonal Kalbande-Business Analytics Shruti Rajeev Kamat-Management Rohit Kapur—Business Analytics Alexander David Karp-Business Analytics Gursimran Kaur-Business Analytics Brenna Justine Keck-Management Carson John Kennedy-Business Analytics Min Kyu Kim-Business Analytics Gage Samuel Kohner-Finance Brad Kominsky-Management Matthew Arie Koole-Business Analytics Matthew Steven Krieger-Information Management Arpitha Krishna Murthy-Business Analytics Yuwei Ku-Business Analytics Ryan Kuhn-Finance Sai Anand Kulandaisamy — Business Analytics Sejal Sanjay Kulkarni-Business Analytics Aman Kumar-Business Analytics Brittney Jenelle Laguna-Management Brooke Giana Laguna-Management Taylor Lee Leavitt—Business Analytics Alexander Ryan Lee-Information Management Po-Han Lee — Global Logistics Sheng-San Lee-Global Logistics Te-Yu Lee-Business Analytics Monica Helene Lewis-Management Fangzhou Li-Global Logistics Heting Li-Finance Jiaxin Li-Finance Luochenxiao Li-Finance Renjie Li-Business Analytics Shu Li-Global Logistics Zhinuo Li—*Global Logistics* Zhiqing Li-Business Analytics Zhirou Li-Business Analytics Zixu Li-Global Logistics Shaohua Liang-Business Analytics Shiyu Liang-Global Logistics Yu-Han Liao—Business Analytics Hsien Kuei Lin-Business Analytics Ting-Wei Lin-Business Analytics Long Ling-Business Analytics Bowen Liu-Finance Hangshu Liu-Global Logistics Jingyi Liu—Business Analytics Siqi Liu—Finance Tong Liu—Finance Xinghao Liu-Business Analytics Yongliang Liu-Finance

Ling Xin Vanessa Low-Business Analytics Yuliang Lu-Finance Jennifer Ma-Management Yiqun Ma-Global Logistics Ani Aditya Mandal-Business Analytics Balasubramanian Manoghar Mathavy-**Business Analytics** Shubham Rajkumar Mansinghka—Business Analytics Samuel Mao-Business Analytics Wissam Elias Mattar-Finance Hsi-Kai Mau-Business Analytics Abhishek Maurya-Business Analytics Sarah McAdams-Finance Shawn Michael McCurry-Information Management Sachin Mehrotra—Business Analytics Abhijit Chandramohan Menon—Business Analytics Ryan R. Miller-Global Logistics Saurabh Mishra-Business Analytics Shivam Mokha-Business Analytics Darin M. Moore-Information Management Ernesto Rivera Mora-Economics Joshua Morgan-Finance Ruhollah Motaharinejad - Business Analytics Conrad Perry Mulford—Business Analytics Monica A. Nasis-Information Management Piyali Naskar-Business Analytics Sydney Lawrence Nichols—Global Logistics Kyle Andrew Nissen-Business Analytics Rachel Ramona Ortega—Business Analytics Jonathan D. Ortiz-Global Logistics Derrick Baffour Akoto Osei-Management Yuxuan Ouyang-Business Analytics Alberto Rivera Padilla-Economics Rishabh Paliwal—Business Analytics Shaobo Pan-Business Analytics Rohit Kumar Parhi—Global Logistics Colton Anthony Paul-Finance Munivenkata Ramakrishna Chidvilas Pemula-Business Analytics Diana Perry-Finance Tristen Thomas Pfeifer-Finance Longguang Piao—Global Logistics FNU Poornima—Information Management Smruti Prakash-Business Analytics Athira Praveen-Business Analytics Bowen Qian-Business Analytics Yue Qiu-Business Analytics Sriram Rachamadugu-Business Analytics Shannon Rafferty-Finance Sarah Elizabeth Raisian-Business Analytics Nikita Rajpal—Business Analytics Ramachandran Ramakrishnan-Business Analytics

Cameron Scott Ramirez-Business Analytics Priyanka Dhirajlal Rathod - Business Analytics Jia Ren-Finance Johan Emmanuel Rivera-Business Analytics Patricio A. Rodriguez-Management Laura Redman Roginski-Business Analytics Nicholas Z. Rojes-Business Analytics Collin Russum-Finance Michael Robert Salorio-Finance Georgios Salteris-Business Analytics Girish Sankar–Global Logistics Takondwa Sanyude-Business Analytics Freda Bakowaa Sarfo-Global Logistics Cameren Carmel Schaer-Business Analytics Michael Sciortino-Information Management Richard Sewor-Global Logistics Ismail Ahmad Shah-Business Analytics Zecheng Shan-Business Analytics Minghao Shang-Global Logistics Yue Shang-Business Analytics Aashish Sharma-Business Analytics Craig Allen Sharp-Management Stefan Elliot Sharpensteen-Business Analytics Zeyi Shen-Global Logistics Zhuangzhuang Shen-Global Logistics Nan Sheng-Business Analytics Eshwar Chandra Sheshachalan-Business Analytics Anmol Arun Shrivastava-Business Analytics Atul Singh—Business Analytics Mohit Singh-Business Analytics Abhishek Singhal—Business Analytics Sanchali Singhal—Business Analytics Ilya Skolkov-Business Analytics Linfeng Song—Business Analytics Joshua H. Sonii-Finance Zane Robert Sorenson-Business Analytics Balu Sougoumarane-Business Analytics Sarankumar Soundararajan—Business Analytics Sujitha Sridharan-Business Analytics Stuart J. Stiles-Finance Charles Solomon Sullivan—Business Analytics Wufan Sun-Business Analytics Shivani Suram-Business Analytics Jesse Aaron Swain-Business Analytics Tyler Michael Swanson-Information Management Christopher Woodruff Tallman-Finance Mehmet Nazim Tamkoc-Economics Li-Yen Tang-Finance Kartik Shreekant Tanksali-Business Analytics Dena Tapia-Business Analytics Sneha Chandrashekhar Tasgaonkar-Management Ryan Lee Tatman-Information Management

Danielle JoAnn Terry-Management

Kibibi J. Thorsen-Finance Dillon C. Timboe-Business Analytics Varad Tiwari-Finance Xin Tong-Finance Yi-Ying Tsai—Business Analytics Himanshee Tyagi-Business Analytics Vinayak Sai Surya Sriram Vadapalli-**Business Analytics** Anuja Vaidya-Business Analytics Nicholas Anthony Valente-Finance Robert Charles Valentine-Business Analytics Meena Revathi Valliappan-Business Analytics Michelle Louise Vankka-Management Monica Ponraj Vasan-Business Analytics Aakash Vats-Management Charisse Carver Vesterby-Business Analytics Sunit Vyas-Business Analytics Manvi Walia-Business Analytics Huijie Wang-Global Logistics Jiaxin Wang-Global Logistics Jie Wang-Finance Ke Wang-Global Logistics Shuping Wang-Business Analytics Xin Wang-Finance Xiuqi Wang-Finance Ya-Chien Wang-Business Analytics Yi-Ting Wang—Business Analytics Yuhan Wang-Global Logistics Yupei Wang-Business Analytics Zhaomin Wang-Business Analytics Zhaoting Wang-Business Analytics Peter Ward-Finance Zhengyu Wei-Business Analytics Peiying Wen—Business Analytics Ashley Nicole Wenz-Business Analytics Clayton Daniel Westbrook—Business Analytics Briana Kevan White-Information Management Nicholas Iain White—Business Analytics Renee Alethia Williams-Business Analytics Jacob Willms-Finance Sean Edward Winkler-Finance Katelyn Erin Wise-Business Analytics Jessica Wing-See Wong-Management Siyu Wu-Finance Wen Chieh Wu-Business Analytics Ya-Chen Wu-Business Analytics Ziwei Xie-Global Logistics Xinyu Xiong—Business Analytics Yafang Xiong—Business Analytics Fei Xu-Business Analytics Xudong Xu-Global Logistics Zhentao Xue-Business Analytics Sidhant Yadav-Business Analytics Zhanyu Yan—Global Logistics Chen Yang-Business Analytics

Alexander Harrison Yee — Finance Jiaer Yuan — Business Analytics Jie Yuan — Finance Jike Yuan — Finance Shengpei Yuan — Business Analytics Yang Yuan — Global Logistics Shuting Zeng — Business Analytics Yipeng Zeng — Business Analytics Cheng Zhang — Business Analytics Mingwei Zhang — Finance Shitao Zhang — Global Logistics Weilin Zhang — Business Analytics Xueli Zhang — Business Analytics Yi Zhang — Global Logistics Yi Zhang — Global Logistics Zhuo Zhang—Business Analytics Haijun Zhao—Finance Lei Zhao—Business Analytics Vincent Ruidong Zhao—Business Analytics Yuanyuan Zheng—Finance Zidong Zheng—Finance Jialin Zhou—Finance Liqi Zhou—Business Analytics Xingyi Zhou—Business Analytics Yang Zhou—Finance Yue Zhou—Finance Yue Zhou—Finance Yanqi Zhu—Global Logistics Yumna Zia—Business Analytics Duyu Zou—Global Logistics

MASTER OF TAXATION

Curtis Russell Bain Michelle L. Blyth Rachel Anne Burbidge Jennifer Marie Campbell Quynh-Mi Cao Brooke Renee Demny Richard J. Desimone Cameron Lee Dorson Rachel Elizabeth Gilbreath Seth Allen Hart Marisa Jo La Rue Ashley Michelle Lauthers Uyen Bao Minh Le Nan Lu Rhett Michael Madsen Michael D. Mathews Ryan Douglas Mattson Madison Rose Maziar Jennifer Ellen McCauley Ashley Eleanor Merritt Matthew Xavier Meyer Natalie Marie Miskowski Kyle J. Morris Brett David Obolewicz Justin David Silas Racine Matthew Culhane Reum Anne Marie Rogers Yi Song Devon James Douglas Spencer William Kent Stemple Jonathan Michael Taylor Luke Mitchell Tingey Jessica Marie Valandingham Danielle Marie Volkl Youzhi Xu

CRAIG AND BARBARA BARRETT HONORS COLLEGE (Established 1988)

MARK JACOBS, PHD Vice Provost and Dean

NICOLA FOOTE, PHD Vice Dean

KRISTEN HERMANN, EDD Sr. Associate Dean for Student Services

RAMSEY ERIC RAMSEY, PHD Associate Dean—Barrett at ASU West Campus

MARK HENDERSON, PHD Associate Dean—Barrett at ASU Polytechnic Campus

CRAIG ALLEN, PHD Associate Dean—Barrett at ASU Downtown Campus

KYLE MOX, PHD Associate Dean for National Scholarship Advisement

CRAIG AND BARBARA BARRETT HONORS COLLEGE CONVOCATION

7:00 p.m., Saturday, May 4, 2019 Wells Fargo Arena ASU Tempe campus

PROCESSIONAL

Grand Marshal Mark Jacobs, Dean

WELCOME

Mark Jacobs, Dean

OUTSTANDING GRADUATE Madison Sutton

PRESENTATION OF GRADUATES READERS Dr. Stephanie DeLusé, Honors Faculty Fellow Dr. Kyle Mox, Associate Dean for National Scholarship Advisement

DIPLOMAS

Mark Jacobs, Dean Nicola Foote, Vice Dean

CLOSING REMARKS

Mark Jacobs, Dean

RECESSIONAL

The Barrett Story

Barrett, The Honors College at Arizona State University, is a selective, residential college for academically outstanding undergraduates. Named "the gold standard" for honors colleges in the nation, Barrett often has more nationally-recognized merit scholars than Princeton, Yale or Stanford.

The college is supported by a \$20 million endowment that is used exclusively to benefit honors students and fund their projects. Barrett students major in any field offered at ASU's campuses - Tempe, Polytechnic, Downtown or West. Barrett students are members of a small community of scholars who have direct access to our deans and receive personalized attention from approximately 45 honors faculty fellows and 65 staff members who care about them as individuals. In addition to these full-time honors college personnel there are more than 1900 university faculty members who teach and mentor Barrett students across all four campuses each year.

The \$140 million Barrett campus in Tempe was designed by students, faculty and staff working with nationally-renowned architects. The Barrett facilities at all four ASU campuses function as their own small honors communities on the ASU campuses where students enjoy the amenities and resources of a large university. This unique arrangement is a model for higher education and has often been referred to as "the best of both worlds" by students who thrive in a small college atmosphere but appreciate access to large university programs like Division I athletics and high profile lecturers.

Student Opportunities

Barrett students take advantage of an array of opportunities that enrich the honors experience. They participate in study abroad programs that enable them to travel to foreign countries, immerse themselves in small classes taught by honors faculty, and experience different cultures and societies while earning honors credits. Barrett students receive record numbers of national and international graduate scholarships such as Rhodes, Fulbright, Truman and Marshall Scholarships. Top students from multiple majors live in a four-year residential community and secure leadership positions or participate in a full range of academic, cultural, service, professional development, travel, wellness, arts, social, entrepreneurial, and sustainability programming. Barrett students engage in cutting edge research with distinguished ASU faculty or through special partnerships with the Mayo Clinic, the Biodesign Institute and Intel. Students are developing iPhone applications, building robots, designing games, or developing tools to improve healthcare, meet global energy needs, provide clean water, or secure data and information privacy. There are over six hundred internship opportunities developed exclusively for Barrett students. We have students working with Goldman Sachs, Microsoft, Google, and The American Heart Institute. Barrett students secure internships in the governor's office, local congressional districts, and the United States Senate.

Signature Events

Barrett hosts annual signature events, the Centennial Lecture, the Rhodes Lecture, and the Distinguished Global Leader Series. In 1985, the Flinn Foundation established an endowment to commemorate ASU's 100th year, creating the ASU Centennial Lecture. Barrett Honors College has brought some of the world's most influential intellects to campus. Noted diplomats, scientists, playwrights, and authors. Former Centennial lecturers include Edward James Olmos, dedicated actor, and community activist in 2010; Dr. Oscar Arias, Nobel Peace Laureate and two-time president of Costa Rica in 2011; and most recently, Norah O'Donnell, co-host of *CBS This Morning* as well as a contributor to *60 minutes*.

The Rhodes Family created the John J. Rhodes Chair in Public Policy and American Institutions at Barrett to celebrate the career in public service of one of Arizona's and the nation's most distinguished leaders. The Rhodes Chair is dedicated to deepening theoretical and practical understanding of the many voices and forces that influence public policy. The Chair honors the values of personal integrity, fiscal responsibility, respect for persons, and international farsightedness exemplified in the Hon. John J. Rhodes' career. The 2019 Rhodes Chair featured former Director of the Central Intelligence Agency, John Brennan.

The Distinguished Global Leader Series was established by Barrett Honors College as a new cornerstone global engagement program in 2017. The program invites noted leaders in government and industry to spend time on campus sharing their knowledge and expertise with honors students and faculty. During the recent academic year, Barrett hosted short-stay visits with Former Finnish Defense Minister Elizabeth Rehn, Former US Secretary of State Condoleezza Rice, Former Chief Secretary of Hong Kong Anson Chan, Uruguayan Ambassador to the United States Carlos Gianelli and most recently the Secretary General of the Organization of American States, Luis Almagro. In addition, the Former President of the Republic of Latvia, Dr. Vaira Vike-Freiberga, was the first Leader-In-Residence. During her six week stay at the Honors College, she delivered several keynote speeches, met with small groups of students to discuss current events and participated in honors-level courses.

Barrett on all four campuses

In fall 2009, Barrett, The Honors College at Arizona State University, opened the nation's first comprehensive four-year residential honors college within a top-tier Research I university that underscores its standing as the premier honors college in the nation. On the Tempe campus, the nine-acre college includes residence halls for 1,700 students, several classrooms, a community center with student lounges, activity rooms, computer labs, a fitness center, a multi-room dining facility with a refectory, café, and administrative, faculty and staff offices. In fall 2014, Barrett expanded the residential college experience to another 1600 upper division honors students living in the 18 acre Vista Del Sol Community, across the street.

The Barrett Honors College resident & communities on the Downtown, Polytechnic and West campuses feature honors student lounges, libraries, kitchens, computer labs, student activity and study rooms, faculty and administrative offices. Barrett at the Downtown Campus is home to about 750 honors students. The Barrett residential community, called "B-Town D-Town," is located at Taylor Place at the heart of the campus and offers a living environment where students have easy access to ASU's downtown colleges and programs, as well as Phoenix's increasingly vibrant lifestyle.

Barrett at the Polytechnic campus gives students the feeling of studying at a small private college with the advantages of a large university. The honors residential community is unique among the ASU campuses – freshman honors students reside together on a floor of Century Hall, which opened in the summer of 2012 while upper-division honors students live in 2- and 3-bedroom houses in a special Barrett neighborhood on campus. Honors students also have access to a contemporary dining hall and fitness facility.

Barrett at the West Campus provides the entire range of honors activities in a small liberal arts college setting. Barrett West students live and learn on the ASU West Campus with approximately 500 other residents. Honors students live in the Casa de Oro residence hall. The 5,000-square-foot Barrett Suite includes a computer lab, study rooms, a meeting area, a library, and staff and faculty offices.

With its outstanding programs, dedicated faculty and staff, and comprehensive facilities, Barrett is a national model for organizing resources to support the honors experience at all four campuses at ASU.

Carson Abernethy

Major: English (Literature) — The College of Liberal Arts and Sciences *Title: These Days: Stories Director: Tara Ison – The College of Liberal Arts and Sciences*

Ty Robert Achten

Major: Applied Mathematics — College of Integrative Sciences and Arts Title: Learning from Lochner: Critical Theory from the Corpse of the Lochner Zombie Director: Eric Oberle – College of Integrative Sciences and Arts

David Ackerman

Major: Computational Mathematical Sciences — The College of Liberal Arts and Sciences Title: Computational Modeling of Transient Receptor Protein Melastatin 8 Director: Sharon Crook – The College of Liberal Arts and Sciences

Danielle Adams

Major: Industrial Engineering — Ira A. Fulton Schools of Engineering Title: The Use of Simulation in a Foundry Setting Director: Theodore Pavlic – Ira A. Fulton Schools of Engineering

Benjamin Agbo

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Separation of Gases From Biomass Director: Shuguang Deng – Ira A. Fulton Schools of Engineering

Komal Agrawal

Major: Biomedical Informatics — College of Health Solutions Title: The Relationship Between Wastewater Toxic Substances and Alzheimer's Disease Director: Matthew Scotch – College of Health Solutions

Hibah Agwani

Major: Supply Chain Management — W. P. Carey School of Business Title: No Vehicle, No Aid: A Literature Review of Humanitarian Aid Logistics and Vehicle Fleet Management Director: Antonios Printezis – W. P. Carey School of Business

Roxanna Ahmad

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: What Do You Meme?: The Methods of Meme-marketing in Modern Corporations Director: Amy Ostrom – W. P. Carey School of Business

Tahmid Ahmed

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: An Analysis of the Incoherence of the Philosophers: Greek Aversion and Philosophical Neutrality Director: Abdullahi Gallab – The College of Liberal Arts and Sciences

Connor Dalton Aitken

Major: Computer Science (Cybersecurity) — Ira A. Fulton Schools of Engineering Title: Twitch Recommender System (Game-Streamer) Director: Huan Liu – Ira A. Fulton Schools of Engineering

Jean Pierre Akingeneye

Major: Global Health — The College of Liberal Arts and Sciences *Title: How Systems Thinking Approach can be used in Healthcare to Reduce the Increase of HIV/AIDS in Tanzania? Director: Megan Jehn – The College of Liberal Arts and Sciences*

Farah Al Yasari

Major: Computer Systems Engineering — Ira A. Fulton Schools of Engineering Title: Cheating in Computer Science and Computer Engineering Courses: Students' Perspective Director: Farideh Tadayon-Navabi – Ira A. Fulton Schools of Engineering

Sandra Gabriela Alarcon-Benedetto Major: Finance —

W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

Andria Albert

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Sequential processing deficits in adults with dyslexia: The role of serial order and spatial orientation of letters during word pair comparison and spelling Director: Reate Return, College of Harlth Solutions

Director: Beate Peter - College of Health Solutions

Lauren Alexis Aldrich

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: An Analysis of IoT and AI Applications in Retail Business Environments Director: Brent Sebold – Ira A. Fulton Schools of Engineering

David Alexander

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: Impact of IL-36γ Treatment on HSV-2 Infection in the Female Reproductive Tract Director: David Capco – The College of Liberal Arts and Sciences*

Farizah Jenan Ali

Major: Biochemistry — The College of Liberal Arts and Sciences Second Major: Global Health — The College of Liberal Arts and Sciences *Title: Ion-exchanged nanozeolites as antibacterials against Mycobacterium ulcerans and Mycobacterium marinum*

Director: Shelley Haydel – Biodesign Institute

Amanda Alibrandi

Major: Nonprofit Leadership and Management — Watts College of Public Service and Community Solutions Title: Sun Devil Giving Day: Spreading a Culture of Philanthropy at ASU Director: Michael Mokwa – W. P. Carey School of Business

Julie Alvarez

Major: Biochemistry -

The College of Liberal Arts and Sciences Title: Intimate Partner Violence Education for Arizona State University Students Director: Sujey Vega – The College of Liberal Arts and Sciences

Nicholas George Ambus

Major: Biological Sciences — The College of Liberal Arts and Sciences *Title: Size-based Sexual Dimorphism of Nitrogen Excretion in Livebearing Fishes Director: Jon Harrison – The College of Liberal Arts and Sciences*

Lian Rae Ammerman

Major: English (Creative Writing) — The College of Liberal Arts and Sciences Title: Back and Forth: A Short Story Collection Director: Matthew Bell – The College of Liberal Arts and Sciences

Keziah Ampadu-Siaw

Major: Philosophy (Morality, Politics and Law) — The College of Liberal Arts and Sciences Title: The Good Ghanaian Wife: Ideology, Patriarchy and Violence Director: Kristy King – Barrett, The Honors College

Parth Anand

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

Mirela Ananieva

Major: Nutrition (Human Nutrition) — College of Health Solutions Title: The Effect of Resistant Starch in Pasta on Postprandial Glycemic Response Director: Carol Johnston – College of Health Solutions

Alyssa Cerise Anderson

Major: Health Sciences (Pre-Professional) — College of Health Solutions Title: Microplastics Effects on Palmyra Atolls' Delicate Ecosystem Director: Cayle Lisenbee – College of Integrative Sciences and Arts

Clayton Edward Anderson

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences Title: An intimate look at the complicated architecture of Harpegnathos saltator nest structure utilizing aluminum nest casts Director: Juergen Liebig – The College of Liberal Arts and Sciences

Jacob Scott Anderson

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Inside the Development of a Mobile Application Director: Janaka Balasooriya – Ira A. Fulton Schools of Engineering

Layla B. Anderson

Major: Business Entrepreneurship — W. P. Carey School of Business Title: A Comparison of Local Food Movements in Phoenix, Arizona and Florence, Italy Director: Juliann Vitullo – The College of Liberal Arts and Sciences

Thomas Anderson

Major: Finance -

W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Re-Imagining Data Transparency and Regulations in an Information Driven World Director: Gary Marchant – Sandra Day O'Connor College of Law

Sierra C. Apillanes

Major: Earth and Environmental Studies — The College of Liberal Arts and Sciences Title: Determining the Effectiveness of the Water Conservation Implementations within the City of Tempe's HOA/NA Grant Program Director: Kelli Larson – The College of Liberal Arts and Sciences Cierra Y. Apodaca Major: Finance –

W. P. Carey School of Business Second Major: Business (Law) — W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

Michael Appel

Major: History — The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences Title: From Fragile to Fractured: The Failed Political Reforms of the Austro-Hungarian Empire Director: Robert Niebuhr, Barrett, The Honors College

Dalin Ard

Major: Marketing — W. P. Carey School of Business Title: The NBA in Mexico City: The Logistics behind Expanding into a New, International Market and Designing a Brand Concept to fit it. Director: Detra Montoya – W. P. Carey School of Business

Spring Arehart

Major: Justice Studies — The College of Liberal Arts and Sciences Title: Ethical Travel in ASU Study Abroad Programs Director: Donald Fette – Barrett, The Honors College

Romann Fuentes Arizmendi

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Becoming a Better Engineer Through Dance Director: David Olarte – Herberger Institute for Design and the Arts

Megan Armstrong

Major: Psychology — New College of Interdisciplinary Arts and Sciences Title: Twelve-Step Programs and Buddhism in Treating Addiction to Alcohol and Drugs Director: Diane Gruber – Barrett, The Honors College

Mia Anne Armstrong

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication

Second Major: Global Studies -

The College of Liberal Arts and Sciences Title: Institutional Accountability, Media Coverage and Military Sexual Assault: A Case-Based Analysis Director: Carolyn Warner – The College of Liberal Arts and Sciences Emily Arnold Major: Molecular Biosciences and Biotechnology -The College of Liberal Arts and Sciences Title: The Role of Janus Kinase in CXCL10-Mediated Migration Signaling Pathway in Aggressive Breast Cancer Director: Suwon Kim - Biodesign Institute Jose M. Arroyo Major: History -The College of Liberal Arts and Sciences Title: Memories of War: The Vietnam War and Its Veterans Director: Keith Miller – The College of Liberal Arts and Sciences Randall Adrian Arroyo Major: Kinesiology -College of Health Solutions Title: The effects of variable training on generalization during loss of balance Director: Daniel Peterson – College of Health Solutions Maria Arteaga Nemtala Major: Economics -W. P. Carey School of Business Second Major: Marketing -W. P. Carey School of Business Title: Approaching the Evolving Music Industry with Modern Marketing Theory Director: John Eaton - W. P. Carey School of Business Stella Alexander Atzenweiler Major: Graphic Information Technology -Ira A. Fulton Schools of Engineering Title: Educational and Behavioral Benefits of Public Music Programs Director: Penny Dolin - Ira A. Fulton Schools of Engineering

Richard Vincent Austin

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Religious and Moral Determinants of Active Euthanasia Acceptance in the US Director: Kathryn Johnson – The College of Liberal Arts and Sciences

Makenna Noelle Autrey

Major: Kinesiology — College of Health Solutions Second Major: Psychology — The College of Liberal Arts and Sciences Title: Predictive Power of Self-Determination Theory and Health Belief Model on Physical Therapy Patients' Adherence to Home Exercise Program Director: Kristin Hoffner – College of Health Solutions

Garneel Azor

Major: Science of Health Care Delivery – College of Health Solutions Title: Volunteer Motivations Research Based Marketing Material Director: Gordon Shockley – Watts College of Public Service and Community Solutions

Alyssa Azuma

Major: Biology — New College of Interdisciplinary Arts and Sciences Title: Elucidating the effects of estrus cycle on social stress-induced amphetamine sensitization in female rats Director: Janet Neisewander – The College of Liberal Arts and Sciences

Morgan 'Katie' Baerwaldt

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Meteorite Imaging System Prototype for the NASA Psyche Mission Director: Catherine Bowman – The College of Liberal Arts and Sciences

Marcella Marie Baietto

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Women in Journalism and their Stories Director: Julia Wallace – Walter Cronkite School of Journalism and Mass Communication

Eric Joseph Bailey

Major: Finance — W. P. Carey School of Business *Title: A Closer Look at Axon Enterprise*

Director: Arthur Budolfson – W. P. Carey School of Business

Taylor Melissa Bakeman

Major: Speech and Hearing Science — College of Health Solutions Title: Local Food Sustainability Engagement for ASU Tempe Students Director: Christopher Wharton – College of Health Solutions

Alex Anton Baker

Major: Business Data Analytics — W. P. Carey School of Business Title: Impact and Feasibility of Pedestrianization Proposals of Mill Ave. and the Downtown Tempe Area Director: David King – The College of Liberal Arts and Sciences

Matthew Elias Baker

Major: Computer Science (Software Engineering) — Ira A. Fulton Schools of Engineering Title: Alexa Discussion Board Skill Director: Yinong Chen – Ira A. Fulton Schools of Engineering

Michelle Jane Baker

Major: Nursing — Edson College of Nursing and Health Innovation Title: Women's Awareness of Lactation Support Under the Affordable Care Act (ACA) Director: Jennie Bever – Edson College of Nursing and Health Innovation

Fatima Barat

Major: Biological Sciences — The College of Liberal Arts and Sciences *Title: Worker Policing Mechanisms in Ponerine Ant Species Director: Yun Kang – College of Integrative Sciences and Arts*

Lea Bardon

Major: Global Studies — The College of Liberal Arts and Sciences Second Major: French — The College of Liberal Arts and Sciences Title: American's Shameful Truth: An Exploration of Human Rights Violations Against American Indians by the U.S. Government during the 19th and 20th Centuries Director: James Riding In – The College of Liberal Arts and Sciences

Lauren Barnes

Major: Social Work — Watts College of Public Service and Community Solutions Title: A Global Analysis of How 3 Communities Support Human Trafficking Survivors Director: Dominique Roe-Sepowitz – Watts College of Public Service and Community Solutions

Eric Salvador Barrientos

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Determining GPNMB Effects on Breast Cancer-Stroma Interactions Director: Mehdi Nikkhah – Ira A. Fulton Schools of Engineering

Mariana Raquel Barros

Major: Design Studies — Herberger Institute for Design and the Arts Title: Melt: A Conceptual Short Film About Time Director: Eliciana Nascimento – Herberger Institute for Design and the Arts

Brandon A. Barth

Major: Computer Systems Engineering — Ira A. Fulton Schools of Engineering *Title: FPGAs as an Edge Computing Solution Director: Fengbo Ren – Ira A. Fulton Schools of Engineering*

Madisen L. Barton

Major: Applied Biological Sciences (Preveterinary Medicine) — College of Integrative Sciences and Arts Title: Testing Antimicrobial Capabilities Against Fungal Infection Director: Marianne Moore – College of Integrative Sciences and Arts

Glenn Bascon

Major: Molecular Biosciences and Biotechnology — The College of Liberal Arts and Sciences *Title: EmPowerment* Director: Susan Carrese – The College of Liberal Arts and Sciences

Kaitlyn Chacon Baucke

Major: Film (Filmmaking Practices) — Herberger Institute for Design and the Arts Title: BETTA Director: Gregory Maday – Herberger Institute for Design and the Arts

Elizabeth Jianyue Baxter

Major: Computer Information Systems — W. P. Carey School of Business Title: Becoming Sparky Director: Mary Ingram-Waters – Barrett, The Honors College

Natalie Beaulieu

Major: Aerospace Engineering (Astronautics) — Ira A. Fulton Schools of Engineering Title: An Investigation of Driver-Autonomous Vehicle Interactions on a Small Scale Robotic Testbed Director: Spring Berman – Ira A. Fulton Schools of Engineering

Cara M. Beauvais

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Innovation Space - Team Sumo Director: Dosun Shin – Herberger Institute for Design and the Arts

Matthew Behrendt

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Homeric Correspondences and Irish Nationalism i Joyce's "Cyclops" Director: Kyle Mox – Barrett, The Honors College

Corinne Sierra Belkoff

Major: Business (Law) — W. P. Carey School of Business Title: Title IX and Female Representation Director: Myles Lynk – Sandra Day O'Connor College of Law

Laura Belmont

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Second Major: Biochemistry —

The College of Liberal Arts and Sciences Title: Determining the immunogenic cell death induced by oncolytic Myxoma virus variants on triple negative breast cancer Director: Grant McFadden – Biodesign Institute

Brenton Bender

Major: Film (Film and Media Production) — Herberger Institute for Design and the Arts *Title: Shutter's Affection - A short film project deconstructing a murder through the eyes of a serial killer as they experience it. Director: Gregory Maday – Herberger Institute for Design and the Arts*

Kevin C. Bergauer

Major: Finance — W. P. Carey School of Business Second Major: Economics — W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

Harli Berk

Major: Psychology — The College of Liberal Arts and Sciences Title: Hyperbolic Discounting Function vs. Immediacy Premium Director: Federico Sanabria – The College of Liberal Arts and Sciences

Yasmin Bernal-Fung

Major: Applied Biological Sciences – College of Integrative Sciences and Arts Title: The Importance of Vaccinations Director: Thomas Martin – Barrett, The Honors College

Jacob Morris Bernstein

Major: Economics — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: Factors of Manufacturing State Location Decisions Director: Kelly Bishop – W. P. Carey School of Business

Tanyon Berry

Major: Music Education — Herberger Institute for Design and the Arts Title: An Exploration of Multicultural Musicianship through Composition and Performance Director: Martin Schuring – Herberger Institute for Design and the Arts

Jahnavi Bhalla

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences *Title: Akshara- A Global Initiative Director: Roseanne Schuster – The College* of Liberal Arts and Sciences

Joseph Bingham

Major: Computer Information Systems — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business *Title: iWandr Director: Steve Cho – Ira A. Fulton Schools of Engineering*

Kelly Bingham

Major: Urban Planning -

The College of Liberal Arts and Sciences Title: The House of Eternal Return: An Intersection of Art, Technology, Storytelling and Sense of Place Director: Kevin McHugh – The College of Liberal Arts and Sciences

Jamie Sue Blackburn

Major: Finance -

W. P. Carey School of Business Title: Foreign Construction Risk Mitigation Director: Mark Simonson – W. P. Carey School of Business

Sierra Winter Blair

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: Diagnostic Research Proposal for Chronic Traumatic Encephalopathy Director: David Brafman – Ira A. Fulton Schools of Engineering*

Taylor Summer Blair

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Diagnostic Research Proposal for Chronic Traumatic Encephalopathy Director: David Brafman – Ira A. Fulton Schools of Engineering

Audrey Kay Blakley

Major: Accountancy — W. P. Carey School of Business Title: Post-Conviction Polygraph Examinations: Useful or Useless? Director: Kate Fox – Watts College of Public Service and Community Solutions

Megan Blevins

Major: Accountancy — W. P. Carey School of Business Second Major: Business (Law) — W. P. Carey School of Business Title: Depletion in the Accounting World Director: Thomas Clausen – W. P. Carey School of Business

Eli Joshua Bliman

Major: Marketing — W. P. Carey School of Business Title: Educated: A Single Camera Comedy Director: Gregory Maday – Herberger Institute for Design and the Arts

Joshua Ian Blinkoff

Major: Management — W. P. Carey School of Business Second Major: Business (Law) — W. P. Carey School of Business Title: Predictive Modeling of Fourth Down Selection in Power 5 Conference: Data Analytics Director: Jeffrey Wilson – W. P. Carey School of Business

Arianna Layla Bloom

Major: Business (Global Politics) — W. P. Carey School of Business Title: Judaism and Charity: A Qualitative Perspective Director: Julia LaRosa – W. P. Carey School of Business

Dean Michael Blumenfeld

Major: Anthropology — The College of Liberal Arts and Sciences Second Major: Geography — The College of Liberal Arts and Sciences Title: Economic Exchange and Integration at Epiclassic Los Mogotes Director: Christopher Morehart – The College of Liberal Arts and Sciences

Alexandra Blythe

Major: Political Science — The College of Liberal Arts and Sciences Title: The Gender Quota of Costa Rica: An impactful method to address women's issues through representation Director: Sarah Shair-Rosenfield – The College of Liberal Arts and Sciences

Emily Bobel

Major: Psychology — The College of Liberal Arts and Sciences Title: The Exploration of Depression as a Mediating Mechanism Between Trauma and Alcohol Problems Director: Julie Patock-Peckham – The College of Liberal Arts and Sciences

Madison Creed Bolduc

Major: Biological Sciences (Conservation Biology and Ecology) — The College of Liberal Arts and Sciences Title: Attitudes of Maine lobstermen in regards to the conservation of right whales Director: Leah Gerber – The College of Liberal Arts and Sciences

Matt Bonaguidi

Major: Economics — W. P. Carey School of Business Title: The Differential Impact of Positive School Supply Shocks on School District Performance: Examining New School Facilities and Socioeconomic Status Director: Gregory Veramendi – W. P. Carey School of Business

Maclain Peter Bonfield

Major: Aerospace Engineering (Astronautics) — Ira A. Fulton Schools of Engineering Title: Analysis of Radiation Shielding for Spacecraft Director: Keith Holbert – Ira A. Fulton Schools of Engineering

Anthony Harris Bonfiglio

Major: History — The College of Liberal Arts and Sciences Second Major: International Letters and Cultures (Classical Civilization) — The College of Liberal Arts and Sciences Title: The Disputed Legacy of the American Populist Movement Director: Jonathan Barth – The College of Liberal Arts and Sciences

Matthew Bilog Borlongan

Major: Biomedical Informatics — College of Health Solutions Title: Image Reference Extraction: Linking References to Radiology Images to Clinically Significant Named Entities Director: Murthy Devarakonda – College of Health Solutions

Alexis Boschi

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Characterization of the Notch ligand Delta Like 3 from A. carolinensis Director: Jeanne Wilson-Rawls – The College of Liberal Arts and Sciences

Jasmine Bosnino

Major: Exercise and Wellness (Fitness and Wellness Specialist) — College of Health Solutions Title: Stress Depression and Sleep Among College Students Director: Corrie Whisner – College of Health Solutions

Erin Elizabeth Bottino

Major: English (Writing, Rhetorics and Literacies) — The College of Liberal Arts and Sciences Title: ASU Eats: Utilizing Meal Plans to Feed Arizona State's Food Insecure Director: Maureen Goggin – The College of Liberal Arts and Sciences

Melissa E. Bour

Major: Supply Chain Management — W. P. Carey School of Business Title: Process of Apparel Manufacturing Director: Dennita Sewell – Herberger Institute for Design and the Arts

Blake Palmer Boxberger

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: HomeList: A List-based App Launcher Tweak for Jailbroken iOS Devices Director: Janaka Balasooriya – Ira A. Fulton Schools of Engineering

Charles Paul Bramlett

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication

Second Major: English (Literature) — The College of Liberal Arts and Sciences Title: Cruising the Gay Canon: Examining Cornerstones of Gay American Fiction from 1945 to 1969 Director: Robert Sturges – The College of Liberal Arts and Sciences

Cole Brauer

Major: Engineering (Robotics) — Ira A. Fulton Schools of Engineering Title: Automated Process Planning for Multi-material Manufacturing Director: Daniel Aukes – Ira A. Fulton Schools of Engineering

Katherine Nichole Breeden

Major: Performance (Orchestral Instrument) — Herberger Institute for Design and the Arts Title: Making Clarinet Reeds by Hand Director: Robert Spring – Herberger Institute for Design and the Arts

Shale Brenner

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Business (Spanish Language and Culture) — W. P. Carey School of Business *Title: Anecdotes by Shale: Overcoming Failure in a Competitive World Director: Craig Allen – Barrett, The Honors College*

Danielle Oren Bricker

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: An Analysis of IoT and AI Applications in Retail Business Environments Director: Brent Sebold – Ira A. Fulton Schools of Engineering

Catalina Marie Brinkerhoff

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Analyzing Subject and Dietary Characteristics that Contribute to Insulin Resistance and Diabetes Director: Christos Katsanos – The College of Liberal Arts and Sciences

Jenna Nicole Brooks

Major: Secondary Education (English) — Mary Lou Fulton Teachers College Title: Best Practices for Teaching Argumentative Writing in Secondary Schools Director: James Blasingame – The College of Liberal Arts and Sciences

Evaline Brown

Major: Sociology — The College of Liberal Arts and Sciences Title: Mindfulness, Compassion, and Resilience in College Students Director: Teri Pipe – Edson College of Nursing and Health Innovation

Kyle E. Brown

Major: Physics -

The College of Liberal Arts and Sciences Title: Effects of rooftop photovoltaics on building cooling demand and ambient air Director: David Sailor – The College of Liberal Arts and Sciences

Matthew David Brown

Major: Applied Biological Sciences — College of Integrative Sciences and Arts *Title: Simulation of Intrinsically Disordered Proteins Director: Wenwei Zheng – College of Integrative Sciences and Arts*

Theodora Brown

Major: Global Studies — The College of Liberal Arts and Sciences Title: Constructing Soviet Community in Six Objects: an analysis of Constructivist objects as agents of community building. Director: Hilde Hoogenboom – The College of Liberal Arts and Sciences

Nicholas Buckley

Major: Mathematics (Statistics) — The College of Liberal Arts and Sciences Title: Challenging the Role of Starting Pitchers in Major League Baseball Director: Marko Samara – The College of Liberal Arts and Sciences

Nia Buckner

Major: Psychology -

The College of Liberal Arts and Sciences Title: The Association of Parent Feeding Styles with Childhood Obesity Across Ethnicity Director: Arthur Glenberg – The College of Liberal Arts and Sciences

Kimberly Bui

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Computational Modeling of Solar Thermal Energy Storage Systems Using Graphene Foams Director: Patrick Phelan – Ira A. Fulton Schools

Richard Bui

of Engineering

Major: Marketing — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Boy Mimics Man: A Literary Analysis of Moral Ambiguity Director: Elizabeth Lowry – The College of Liberal Arts and Sciences Austen Keith Alvarez Bundy Major: Journalism and Mass Communication - Walter Cronkite School of Journalism and Mass Communication Title: Truth vs Freedom: The First Amendment on Trial Director: Joseph Russomanno – Walter Cronkite School of Journalism and Mass Communication Julio Jr Clemente Buntan Major: Applied Biological Sciences -College of Integrative Sciences and Arts Title: A Meta-Analysis of Filipino Literature in America Director: Karen Kuo – The College of Liberal Arts and Sciences Shauna Burgoyne Major: Computer Information Systems -W. P. Carey School of Business Second Major: Supply Chain Management -W. P. Carev School of Business Title: Reinventing Title I Director: James Kellso - W. P. Carey School of Business Amani Burton Major: Business (Sports Business) -W. P. Carey School of Business Second Major: Marketing -W. P. Carey School of Business Title: The Impact of Student Tickets on Attendance for the Arizona Diamondbacks Director: Daniel McIntosh - W. P. Carey School of Business

Charlotte Burton

Major: Performance (Orchestral Instrument) — Herberger Institute for Design and the Arts Second Major: Music Education — Herberger Institute for Design and the Arts

Title: Fostering Student Autonomy in the Collegiate Woodwind Studio Director: Robert Spring – Herberger Institute for Design and the Arts

Jonathan Ernest Bush

Major: Engineering (Robotics) — Ira A. Fulton Schools of Engineering Second Major: Software Engineering — Ira A. Fulton Schools of Engineering Title: Automated Bicycle Human-in-the-Loop Control Director: Wenlong Zhang – Ira A. Fulton Schools of Engineering

Jeanbat Busisi

Major: Industrial Engineering — Ira A. Fulton Schools of Engineering Title: Simulation: Making Decisions to Reduce Hospital Long Waiting Times Director: Theodore Pavlic – Ira A. Fulton Schools of Engineering

Samuel Buster

Major: Supply Chain Management -W. P. Carey School of Business Title: Community Consilience in Racial Integration: Greek Life and the Marine Corps Director: Laura Popova - Barrett, The Honors College

Alex Butura

Major: Finance -W. P. Carey School of Business Title: PHX Merchant Mart Redevelopment Director: Brian Sadusky - W. P. Carey School of Business

Allan Smith Buyinza

Major: Chemical Engineering -Ira A. Fulton Schools of Engineering Title: Gasification of Municipal Solid Waste for Hydrogen Production Director: Shuguang Deng – Ira A. Fulton Schools of Engineering

Jiwon Nicole Byun

Major: Finance -

W. P. Carey School of Business Title: Analysis of Screening Tools for Identification of Sex Trafficking Victims in the Medical Setting Director: Dominique Roe-Sepowitz -Watts College of Public Service and **Community Solutions**

Christopher Caballes

Major: Mechanical Engineering -Ira A. Fulton Schools of Engineering Title: Adsorption Refrigeration Test Bed Design Director: Patrick Phelan - Ira A. Fulton Schools of Engineering

Angelica Victoria Cabral

Major: Journalism and Mass Communication Walter Cronkite School of Journalism and Mass Communication Title: CoriolanU.S.: A Modern Retelling of Shakespeare's Coriolanus Director: Mathew Sandoval - Barrett, The Honors College

Kiara Caldwell

Major: Marketing -W. P. Carey School of Business Title: Perfection's Reflection: Impact of Influencers on Bodybuilder's Behavior Director: Nancy Gray - W. P. Carey School of Business

Tara Caldwell

Major: Political Science -The College of Liberal Arts and Sciences Title: An Analysis of Identity in Traditional Media Coverage of Brexit at the Irish Border Director: Katherine O'Flaherty - Barrett, The Honors College

Hannah Danielle Campbell Major: Management -W. P. Carey School of Business Title: The Potential Effects of Sustainability Education Training for Employees within a For-Profit Business Entity Director: Daniel Fischer - Julie Ann Wrigley Global Institute of Sustainability Sibella Campbell Major: Biochemistry (Medicinal Chemistry) - The College of Liberal Arts and Sciences Second Major: Anthropology -The College of Liberal Arts and Sciences Title: A Case Study in the Development Origins of Health and Disease of Two Ancient Andean Agriculturalists Director: Kelly Knudson - The College of Liberal Arts and Sciences Christopher Brett Carlton Major: Applied Biological Sciences -College of Integrative Sciences and Arts Title: Nutritional and Medicinal Benefits of Aeroponic Agriculture Director: Holly Huffman – College of Integrative Sciences and Arts Elizabeth Carnesi Major: Psychology (Psychological Science) Title: Who's a Frequent Flyer? The Relation

- The College of Liberal Arts and Sciences Between Student Anxiety and Missing Introduction in the Elementary School Years Director: Armando Pina – The College of Liberal Arts and Sciences

Lauren Nicole Carr-Gasso

Major: Design Studies (Design Management) Herberger Institute for Design and the Arts Second Major: Marketing -W. P. Carey School of Business Title: Click-and-Mortar: The Transformative Role of Interior Design in Branding Direct-to-Consumer Retail Director: Milagros Zingoni Phielipp – Herberger Institute for Design and the Arts

Caitlin Colleen Carson

Major: Nursing - Edson College of Nursing and Health Innovation Title: Let Food be Thy Medicine Director: Kimberly Day – Edson College of Nursing and Health Innovation

JT Casalena

Major: Mathematics -The College of Liberal Arts and Sciences Title: Analyzing the Rise of the Strikeout in Modern Baseball Director: Steve Doig – Walter Cronkite School of Journalism and Mass Communication

Gemma Celeste Castillo

Major: Business (Business Administration) — W. P. Carey School of Business Title: Diaspora Alliance Development Fund Director: Alan Goldman – W. P. Carey School of Business

McKenna Ann Cave

Major: Business (Sports Business) — W. P. Carey School of Business Title: How Media and Technology Influence Child Development Director: Kathleen Farrand – Mary Lou Fulton Teachers College

Joelle Marie Caroline Cayer

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Activated Charcoal Production as a solution for Energy Poverty in Nepal Director: Netra Chhetri – School for the Future of Innovation in Society

Zoe Aiyanna Cayetano

Major: Physics — The College of Liberal Arts and Sciences Second Major: Marketing — W. P. Carey School of Business Title: Compact X-Ray Free Electron Laser: Collision of Extremely Short Electron and Laser Pulses Director: William Graves – The College of Liberal Arts and Sciences

Robert Keith Chandler

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Developing an Educational Manufacturing Simulation Director: Michael Clough – Ira A. Fulton Schools of Engineering

Milo Charbel

Major: Biological Sciences — The College of Liberal Arts and Sciences Second Major: Neuroscience — The College of Liberal Arts and Sciences *Title: A Review of Podcasting Impact and Implications for Education Director: Joseph Sirven – College of Health Solutions*

Allison Ragan Charles

Major: Civil Engineering — Ira A. Fulton Schools of Engineering Title: Age, Gender, and Travel Socialization and its Effects on Childhood and Adulthood Travel Behavior Director: Ram Pendyala – Ira A. Fulton Schools of Engineering

Brianna Marie Chavez

Major: Industrial Engineering — Ira A. Fulton Schools of Engineering Title: Stochastic Modeling of Meth Use and Market in the States of California and Arizona Director: Anuj Mubayi – The College of Liberal Arts and Sciences

Daniela Chavez Major: Interior Design — Herberger Institute for Design and the Arts Second Major: Business Entrepreneurship — W. P. Carey School of Business Title: Experience: Where Interiority and Technology Coexist Director: Milagros Zingoni Phielipp – Herberger Institute for Design and the Arts Christian Chee Major: Technological Entrepreneurship and Management — Ira A. Fulton Schools

of Engineering Title: iWaandr.com - Life's Best Experiences. Shared. Director: Steve Cho – Ira A. Fulton Schools of Engineering

Diana Karen Chen

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Analyzing Interdisciplinary Competence in ASU Students Director: Tirupalavanam Ganesh – Ira A. Fulton Schools of Engineering

Timothy Anthony Chen

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences *Title: Genetically barcoding HCC827 cells using ClonTracer to study therapeutic resistance Director: Carlo Maley*—Biodesign Institute

Jeffrey Chien

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Worker Policing Mechanisms in Ponerine Ant Species Director: Yun Kang – College of Integrative Sciences and Arts

Naomi Chien

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Remote Presence in Nature through Virtual Reality: A Study of the Effect of Virtual Nature Sojourns on the Mental Well-Being of the Aging Population Director: Sabine Feisst – Herberger Institute for Design and the Arts

Aashini Choksi

Major: Economics — W. P. Carey School of Business Second Major: Business (Law) — W. P. Carey School of Business Title: The Effect of a Cashless Economy on the Net Crime Rate Director: Brian Goegan – W. P. Carey School of Business

Stephanie Christensen

Major: Global Health -

The College of Liberal Arts and Sciences Title: An Evaluation of the US-India Partnership for the International Alliance for the Prevention of AIDS Director: Monica Gaughan – The College of Liberal Arts and Sciences

Hao-Yun Chuang

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Early Detection For Lung Cancer Using Low Dose Computed Tomography Screening, Thin Section Computed Tomography Screening, And Computer Aided Diagnosis Director: Stephen Johnston – Biodesign Institute

Min Kyung Rebecca Chung

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Second Major: Psychology — The College of Liberal Arts and Sciences *Title: Development of Screening and Education Tool for Social Determinants of Health in Vulnerable Population in Arizona Director: Susan Harrell – Edson College of Nursing and Health Innovation*

Elise Church

Major: Business (Tourism) — W. P. Carey School of Business Title: Study Abroad Programs and the Culture Shock Phenomenon: A Comprehensive Analysis of Liability, Risk, and the Efficacy of Preparation Director: Okechukwu Iheduru – The College of Liberal Arts and Sciences

Corbin Wally Cieniawski

Major: Mathematics -

The College of Liberal Arts and Sciences Title: Personal Financial Application Director: Janaka Balasooriya – Ira A. Fulton Schools of Engineering

Andrei Ștefan Cinculescu

Major: Finance — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Socially Responsible Management Practices for Optimal Societal Wealth Spread, Cost Internalization, and Sustainable Long-Term Profit Director: Brian Sadusky – W. P. Carey School of Business

Kevin Clancy

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Adapt or Die: Food Delivery in the Modern World Director: Brent Sebold – Ira A. Fulton Schools of Engineering

Nina Lynore Clarke-Telfer

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Design an automated pool chemical system Director: Olin Hartin – Ira A. Fulton Schools of Engineering

Austin Jacob Clements

Major: History — New College of Interdisciplinary Arts and Sciences Title: Homegrown Radicals: American Fascist Movements in the Interwar Years, 1919-1941 Director: Stephen Toth – New College of Interdisciplinary Arts and Sciences

Morgan Elizabeth Cobban

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Analytical and Insight Problem Solving Processes as Measurable Through EEG Director: Gene Brewer – The College of Liberal Arts and Sciences

Abbey Colorafi

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Barriers Refugee Women Face When Accessing Healthcare: A Review of Current Available Solutions Director: Alison Essary – College of Health Solutions

Sydney Christine Connor

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Using Kinematic data to identify movement patterns shared between tasks: A way to explain transfer Director: Sydney Schaefer – Ira A. Fulton Schools of Engineering

Emilie Irene Cooke

Major: Forensic Science — New College of Interdisciplinary Arts and Sciences Title: How Mass Media Affects Trial Proceedings Director: Kimberly Kobojek – The College of Liberal Arts and Sciences

Sarah Cortez

Major: Economics — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: The Relationship Between the Resource Curse and Economic Development and how to Respond to Rent Seeking Activities Director: Valerie Mueller – The College of Liberal Arts and Sciences

Allison Rose Coulson

Major: Psychology — The College of Liberal Arts and Sciences Second Major: Public Service and Public Policy (Emergency Management and Homeland Security) — Watts College of Public Service and Community Solutions *Title: Individual Differences in False Memory: Why are some people prone to false remembering? Director: Gene Brewer – The College of Liberal Arts and Sciences*

Jarod Maxwell Coulter

Major: Economics — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: An Addition to Voting Models: Exploring Apathetic Voting and Party Drift Director: William Foster – W. P. Carey School of Business

Leandra Denaye Courrier

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Business (Sustainability) — W. P. Carey School of Business Title: The Potential Effects of Sustainability Education Training for Employees within a For-Profit Business Entity Director: Daniel Fischer – Julie Ann Wrigley Global Institute of Sustainability

Abrahm Philip Coury

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: The Impact of IoT Devices on Environmental Awareness Director: Fengbo Ren – Ira A. Fulton Schools of Engineering

Sidney Alicia Covarrubias Major: Biochemistry — The College of Liberal Arts and Sciences Second Major: Family and Human Development — The College of Liberal Arts and Sciences Title: Project Ban-Aid: An Analysis of Preventive Health Knowledge Retention Among Elementary Students in Phoenix Director: Donald Fette – Barrett, The Honors College

Austin Matthew Crane

Major: Sustainability — School of Sustainability Title: Nutrient Budgets of Tres Rios Wetlands Director: Daniel Childers – Julie Ann Wrigley Global Institute of Sustainability

Courtney Crawford

Major: Microbiology (Medical Microbiology) — The College of Liberal Arts and Sciences Title: Codon Optimizing Human TRAIL Gene for Maximal Expression in a Self-Destructing Salmonella Strain for Efficient Colorectal Cancer Treatment Director: Wei Kong – Biodesign Institute

Alexandra B. Crowe

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: Sustainability Practices of University Food Pantries in the US Director: Meg Bruening – College of Health Solutions* Julianna Crozier Major: Marketing -W. P. Carey School of Business Title: American Movies in China Director: Kathryn Eaton - W. P. Carey School of Business Daniela Norma Cuellar Zapata Major: Economics -W. P. Carey School of Business Title: Our Next Door Neighbors Director: Nancy Roberts - W. P. Carey School of Business Kathryn Victoria Cuiffo Major: Economics -W. P. Carey School of Business Second Major: Business (Sustainability) -W. P. Carey School of Business Title: Phoenix Urban Village Efficacy: A Comparative Analysis on Commuter Automobile Dependency Director: David King - The College of Liberal Arts and Sciences Sheldon Daniel Cummings

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Octopus Transverse and Internal Longitudinal Arm Muscles in Relation to Fetching Movements Director: Rebecca Fisher – The College of Liberal Arts and Sciences

Jared Cunningham

Major: Accountancy — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: The Effects of the Implementation of Data Analytics on Workplace Efficiency and Process Control Director: Gregory Dawson – W. P. Carey School of Business

Alec Cwiakala

Major: Business (Sports Business) — W. P. Carey School of Business Second Major: Finance —

W. P. Carey School of Business Title: Auspicious Arenas: The Value of Sporting Venues for Fans and Communities Director: John Eaton – W. P. Carey School of Business

Tresor Cyubahiro

Major: Software Engineering — Ira A. Fulton Schools of Engineering Title: Attendance Monitoring System Director: Robert Reimar Heinrichs – Ira A. Fulton Schools of Engineering

Tyler Dahlstrom

Major: Art (Photography) — Herberger Institute for Design and the Arts Title: With Each Passing Day Director: Julie Anand – Herberger Institute for Design and the Arts Yongjun Dai

Major: Accountancy — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business Title: Using Merger & Acquisition Analysis to Value Firm Potential in the Mobile Gaming Market Director: Mark Simonson – W. P. Carey School of Business

Alexandria Rose Dake

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Second Major: Psychology — The College of Liberal Arts and Sciences

Title: Associations between Butane Hash Oil Use, Sensation Seeking, and Delay Discounting Director: Madeline Meier – The College of Liberal Arts and Sciences

Eric Dan

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Protein Engineering Director: Brent Nannenga – Ira A. Fulton Schools of Engineering

Advika Dani

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Second Major: Global Health —

The College of Liberal Arts and Sciences Title: Akshara - A Global Initiative Director: Daniel Hruschka – The College of Liberal Arts and Sciences

Roma Danishyar

Major: Economics — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: Why Developing Countries are not Developing Director: Brian Goegan – W. P. Carey School of Business

Mohammed K. Daramy

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Irregular Migration in the Gambia: Effects on the Family and the Community Director: Nilanjana Bhattacharjya – Barrett, The Honors College

Alexis Renee Darby

Major: Biological Sciences (Biology and Society) — The College of Liberal Arts and Sciences Title: Surviving Cervical Cancer: A History of Prevention, Early Detection, and Treatment Director: Jane Maienschein – The College of Liberal Arts and Sciences

Gintare Daulys

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: The Contribution of Lithuanian Deportees' Memoirs to Lithuanian National Identity Director: Laurie Manchester – The College of Liberal Arts and Sciences

Joshua Alan Davis

Major: Global Health — The College of Liberal Arts and Sciences Title: A Cross-State Longitudinal Study of Opioid-Related Deaths Associated with Opioid and Naloxone Prescribing and Prevention Laws Director: Daniel Hruschka – The College of Liberal Arts and Sciences

Kara Davis

Major: Sustainability — School of Sustainability Title: The Role of Outdoor Spaces on Student Behavior, Emotions, and Well-Being: A Case Study Director: Chingwen Cheng – Herberger Institute for Design and the Arts

Kiley Lynn Davis

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Physical activity trajectories among newly-diagnosed obstructive sleep apnea patients Director: Matthew Buman – College of Health Solutions

Vanessa Brooke Davis

Major: Chemistry — The College of Liberal Arts and Sciences Title: Differential Genetic Variants in Diabetes Director: Susan Holechek – The College of Liberal Arts and Sciences

Sarah de Jesus

Major: Psychology -

The College of Liberal Arts and Sciences Title: Prevalence and Management of Dementia and Delirium in Acute Hospice Care Facilities Director: Gillian Hamilton – College of Health Solutions

Samuel W. Deadrick

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Graphic Novel of Ancestral Immigration from Egypt Director: Keith Brown – The College of Liberal Arts and Sciences

Arlen J. Dean

Major: Industrial Engineering — Ira A. Fulton Schools of Engineering Title: Data Analytics to Identify the Genetics Basis for Resilience to Temperature Stress in Soybeans Director: Esma Gel – Ira A. Fulton Schools of Engineering

Marielle Prescott Debeurre

Major: Mechanical Engineering -Ira A. Fulton Schools of Engineering Title: George Sand's Women, As Seen by Her Illustrators Director: Frederic Canovas - The College of Liberal Arts and Sciences

Celeste Delaune Major: Biological Sciences

(Conservation Biology and Ecology) -The College of Liberal Arts and Sciences Title: The Effects of Sustainable Coffee Farming Contracts on Biodiversity in San Martin, Peru Director: Leah Gerber – The College of Liberal Arts and Sciences Elizabeth Ashley Delgado Major: Biomedical Engineering -Ira A. Fulton Schools of Engineering Title: Germ Cell Specific Safety Switches for CRISPR-Cas9 Constructs: Cell Isolation, miRNA, and Cpf1 Director: Samira Kiani - Ira A. Fulton Schools of Engineering

Samantha Catherine Delgado

Major: Marketing -

W. P. Carey School of Business Second Major: Business Data Analytics -W. P. Carey School of Business Title: Athlete Branding: From Unknown to a Household Name Director: John Eaton - W. P. Carey School of Business

Cole Wayne Demert

Major: Marketing -W. P. Carey School of Business Second Major: Business Data Analytics -W. P. Carey School of Business Title: Salad The AdWorks Podcast Director: Kathryn Eaton - W. P. Carey School of Business

Enhong Deng

Major: Electrical Engineering -Ira A. Fulton Schools of Engineering Title: Underwater Image Recognition for Sea Turtles Director: Sule Ozev – Ira A. Fulton Schools of Engineering

Anagha J. Deshpande

Major: Biological Sciences (Genetics, Cell and Developmental Biology) - The College of Liberal Arts and Sciences Second Major: Global Health -The College of Liberal Arts and Sciences Title: Isoform Switching in Breast and Prostate Cancer Director: Melissa Wilson-Savres – The College of Liberal Arts and Sciences

Major: Chemical Engineering -Ira A. Fulton Schools of Engineering Title: Cloning Sulfate Transporters in Growth-Inhibited Yeast S. Cerevisiae Director: Brent Nannenga - Ira A. Fulton Schools of Engineering Major: Psychology (Psychological Science) - The College of Liberal Arts and Sciences Second Major: Sociology -The College of Liberal Arts and Sciences Title: Predictability Aids the Encoding of Source Information Director: Gene Brewer – The College of Liberal Arts and Sciences Megan Dieu Major: Chemical Engineering -Ira A. Fulton Schools of Engineering Title: Green Charcoal: Case of Innovation Ecosystem in Nepal's Renewable Energy System

Kaitlyn Rose DiLorenzo

of Innovation in Society

Major: Computer Science -Ira A. Fulton Schools of Engineering Title: Random Python Program Generator for JavaScript Director: Ryan Meuth - Ira A. Fulton Schools of Engineering

Director: Netra Chhetri - School for the Future

Kaileine Mackenzie Dimmick

Major: Psychology -The College of Liberal Arts and Sciences Title: Intervention to Promote Future Self-Continuity in Pre-Med Students Director: Sau Kwan – The College of Liberal Arts and Sciences

Katelvn Aubree Dinkel

Major: Global Health -The College of Liberal Arts and Sciences Second Major: Biological Sciences (Biology and Society) -The College of Liberal Arts and Sciences Title: Associations Between Immune Biomarkers and Public Health in a Subsistence Population Director: Ben Trumble – The College of Liberal Arts and Sciences

Ryan Christopher Dobrin

Major: Electrical Engineering -Ira A. Fulton Schools of Engineering Title: Chaos Theory in RRAM Director: Hugh Barnaby - Ira A. Fulton Schools of Engineering

Jordyn Nicole Dolan

Major: Biochemistry -The College of Liberal Arts and Sciences Title: An Evolutionary Perspective on Cancer Prevalence in the Clade Aves Director: Carlo Maley - Biodesign Institute

Maxim Park Dickieson

Katrina Rebecca Dickson

Sophia Anne Doloresco

Major: Marketing — W. P. Carey School of Business Title: Bavaria: A Cultural and Culinary Experience Director: Rhett Trujillo – W. P. Carey School of Business

Brady Alan Dominguez

Major: Supply Chain Management — W. P. Carey School of Business Title: Supply Chain Management Alternative Thesis - Humanitarian Forecasting Director: Antonios Printezis – W. P. Carey School of Business

Inbal Donenfeld-Peled

Major: Speech and Hearing Science — College of Health Solutions Title: Amount and complexity of babble as predictors of expressive language ability in children with classical galactosemia Director: Beate Peter – College of Health Solutions

William Dong

Major: Economics — W. P. Carey School of Business Second Major: Mathematics — The College of Liberal Arts and Sciences Title: An Analysis of the 2008 Recession on Average Weekly Working Hours across European Countries Director: Gregory Veramendi – W. P. Carey School of Business

Maria Hana Dooling

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Asylum in the United States and European Union: Legal and Systemic Challenges from a Decade of Deterrence Policy Director: Henry Sivak – The College of Liberal Arts and Sciences

Sara Dow

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Intimate Partner Violence Education for Arizona State University Students Director: Sujey Vega – The College of Liberal Arts and Sciences

Ellen Katherine Dries

Major: Economics -

W. P. Carey School of Business Title: Informing Choice: The Impact of Visual Resources on Likelihood Revision & Shared Decision-Making Director: Basit Zafar – W. P. Carey School of Business

Trevor Driscoll

Major: Supply Chain Management — W. P. Carey School of Business Title: Supply Chain Alternative Thesis Director: Adegoke Oke – W. P. Carey School of Business Susanna Roshini D'Souza

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Pose Estimation with Convolutional Neural Networks Director: Hani Ben Amor – Ira A. Fulton Schools of Engineering

Matthew Elijah Dufault

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Metabolic Enhancement of Escherichia coli from the Construction of a Genomic Library Based on Lactobacilus plantarum Director: Xuan Wang – The College of Liberal Arts and Sciences

Audrey Dunaway

Major: Marketing — W. P. Carey School of Business Title: Compensatory Consumption: How Sales Associates Behavior Influences Consumers' Willingness to Purchase Aspirational Brands Director: Monika Lisjak – W. P. Carey School

of Business

Angela Gilda Dunay Major: Secondary Education (Mathematics) — Mary Lou Fulton Teachers College Title: Global Perspectives on Teacher Preparation and Quality: Implications for the United States Director: Karen Guerrero – Mary Lou Fulton Teachers College

Hayley Marie Dunlop

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Exploring The Experiences of Undergraduate Biology Students Director: Sara Brownell – The College of Liberal Arts and Sciences

Brandon Dunn

Major: Engineering (Automotive Systems) — Ira A. Fulton Schools of Engineering Title: Investigation and Integration of Communication Technologies for Multiple Connected and Automated Vehicle (CAV) Prototypes Director: Yan Chen – Ira A. Fulton Schools of Engineering

Kiana Alexis Duran

Major: Biological Sciences (Conservation Biology and Ecology) — The College of Liberal Arts and Sciences Title: America's Wild Horses: How Do Our Perceptions Shape Management Decisions? Director: Ben Minteer – The College of Liberal Arts and Sciences

Michael Nathan Durso

Major: Materials Science and Engineering — Ira A. Fulton Schools of Engineering Title: Zinc Oxide Nanomaterial-Reinforced Shear Thickening Fluids for Enhanced Armor Applications Director: Sefaattin Tongay – Ira A. Fulton Schools of Engineering

Michaela Lynn Dye

Major: Engineering (Mechanical Engineering Systems) — Ira A. Fulton Schools of Engineering Title: Women in Engineering: Past, Present and Future Director: Eric Nystrom – College of Integrative Sciences and Arts

Brett Richard Eaton

Major: Graphic Information Technology — Ira A. Fulton Schools of Engineering *Title: Tome Of The Endless* Director: Laurie Ralston – Ira A. Fulton Schools of Engineering

Enyonam A. Edoh

Major: Business (Law) — W. P. Carey School of Business Title: Looking Within the Veil: Exploration into Internalized Racial Conflict Director: Neveser Koker – Barrett, The Honors College

Mason Matthew Elam

Major: Computer Systems Engineering — Ira A. Fulton Schools of Engineering Title: NBA Player Clustering: Exploring Player Archetypes in a Modern NBA Director: Dieter Armbruster – The College of Liberal Arts and Sciences

Jordan Mackenzy Elder

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Devils on Taylor: Creating a Multimedia Tradition in 2018 Director: Lori Todd – Walter Cronkite School of Journalism and Mass Communication

Andrew Constantine Eledge

Major: Accountancy — W. P. Carey School of Business Title: Development of Revenue Management in the United States Airline Industry Director: John Eaton – W. P. Carey School of Business

Mariah Crystal Elgin

Major: Industrial Engineering — Ira A. Fulton Schools of Engineering *Title: The Application of Generative Design in Product Development Director: Dean Bacalzo – Herberger Institute for Design and the Arts*

Keeley Cheyenne Elliott

Major: Economics — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: The Effect of a Cashless Economy on the Robbery Rate Director: Brian Goegan – W. P. Carey School of Business

Kai Akitomo Ellison Major: Political Science -The College of Liberal Arts and Sciences Title: Comparing Foreign Development Policy: The U.S. and China's Contest in the Development of Africa Director: Okechukwu Iheduru - The College of Liberal Arts and Sciences August Elton Major: Supply Chain Management -W. P. Carey School of Business Title: Supply Chain Management Alternative Thesis Director: Antonios Printezis - W. P. Carey School of Business Nicholas Elwell Major: Marketing (Digital and Integrated Marketing Communications) -W. P. Carey School of Business Second Major: Management -W. P. Carev School of Business Title: Music Festival Photography: Capturing Content at Live Music Events and Hosting a Photo Gallery. Director: Rhett Trujillo - W. P. Carey School of Business

Glenna Bea Rebano Embrador

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Optimizing Recombinant Protein Production for Domain Antibodies: Proof-of-Concept Director: Sarah Stabenfeldt – Ira A. Fulton Schools of Engineering

Kyle England

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Management —

W. P. Carey School of Business Title: Competitive Differentiation Strategy Plan: A Golf Ball Recovery Industry Deep Dive Director: Michael Denning – W. P. Carey School of Business

Jordan Hanna Erhardt

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Studying the Promotion of Conservation at the Aquarium Director: Roseanne Schuster – The College of Liberal Arts and Sciences

Lindsay Michelle Erjavic

Major: Asia Studies (East Asia) — The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences Title: A Story of Resettlement Director: Elizabeth Larson – The College of Liberal Arts and Sciences

Brett Thomas Erspamer

Major: Economics — W. P. Carey School of Business *Title: SolarSPELL in Vanuatu: An Economic*

Evaluation Director: Heather Ross – School for the Future of Innovation in Society

Hannah E. Eubanks

Major: Criminology and Criminal Justice — Watts College of Public Service and Community Solutions Title: A Clash of US-UK Criminal Justice Systems: A Way Forward to Better Justice Director: Cassia Spohn – Watts College of Public Service and Community Solutions

Austin Evanovich

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Patterns of Sex-Biased Gene Expression and Isoform Usage in the Human Brain Director: Melissa Wilson – The College of Liberal Arts and Sciences

Rebekah K. Evans

Major: Business (Communication) — W. P. Carey School of Business Title: Women In Sports: How Females are Portrayed Differently than their Male Counterparts Director: Lisa Barca – Barrett, The Honors College

Ryan Fagan

Major: Aerospace Engineering (Astronautics) — Ira A. Fulton Schools of Engineering *Title: Handheld IR Spectrometer Director: Philip Christensen – The College* of Liberal Arts and Sciences

Austin Kyle Fairbanks

Major: Politics and the Economy — The College of Liberal Arts and Sciences Title: Measuring Representation at the Arizona Legislature Director: Richard Herrera – The College of Liberal Arts and Sciences

Tarryn Faith Falls

Major: Computer Science (Software Engineering) — Ira A. Fulton Schools of Engineering *Title: Examining the Effects of Exercise Level* on Cognition, Perception, and Emotional Response Modulation Director: Robert Atkinson – Ira A. Fulton Schools of Engineering

Isabella Farias

Major: Accountancy — W. P. Carey School of Business Second Major: Computer Information Systems — W. P. Carey School of Business Title: Women in Technology Director: Kathleen Moser – W. P. Carey School of Business

Yzaac Farnsworth

Major: Finance -

W. P. Carey School of Business Title: Solis Lofts Community Development Director: Brian Sadusky – W. P. Carey School of Business

Sophia Maria Fasani

Major: Microbiology (Medical Microbiology) — The College of Liberal Arts and Sciences Title: The Motivations and Factors that Influence College Students to Volunteer in Nonprofit Hospitals Director: Lili Wang – Watts College of Public Service and Community Solutions

Elizabeth Ashleigh LuRae Fast

Major: Communication — The College of Liberal Arts and Sciences Title: The Ugly Side of Beauty, a Second Look at Wendy Chapkis' 'Beauty Secrets: Women and the Politics of Appearance' Director: Christiane Fontinha de Alcantara – Barrett, The Honors College

Darian Faulkner

Major: Marketing — W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: On Par Golf: A Competitive Differentiation Strategy Plan Director: Michael Denning – W. P. Carey School of Business

Danielle Marie Favata

Major: Accountancy — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business Title: Financial Intelligence Pays Off: A Personal Guide to Finance for Students Director: Brian Sadusky – W. P. Carey School of Business

Jessmin Natalie Fernandez

Major: Biological Sciences — The College of Liberal Arts and Sciences Second Major: Psychology — The College of Liberal Arts and Sciences Title: Quantitative acoustic analysis of marmoset monkeys Director: Yi Zhou – College of Health Solutions

Joseph Figueroa

Major: Economics — The College of Liberal Arts and Sciences *Title: Consumption Inequality: Has the change in consumption inequality matched relatively to the change in income inequality? Director: Bart Hobijn – W. P. Carey School of Business* Jenna Fitzgerald Major: Marketing — W. P. Carey School of Business Second Major: Psychology — The College of Liberal Arts and Sciences *Title: The M&G Drive Director: Michael Mokwa – W. P. Carey School of Business* Lacee Carole Fitzgerald

Major: Speech and Hearing Science — College of Health Solutions Title: Compensatory Responses To Unexpected Vowel Perturbations Director: Ayoub Daliri – College of Health Solutions

Nicole Floda

Major: Business (Global Politics) — W. P. Carey School of Business Second Major: English (Literature) — The College of Liberal Arts and Sciences Title: The Promotion of Human Rights by Provincial Reconstruction Teams in the War in Afghanistan: Lessons from the Scholarly Conflict Literature Director: Thorin Wright – The College of Liberal Arts and Sciences

Noah Mateo Flores

Major: Kinesiology — College of Health Solutions Title: Coordination of the Arm After a Rotator Cuff Tear in the Elderly Director: Natalia Dounskaia – College of Health Solutions

Brendan M. Foley

Major: Physics — The College of Liberal Arts and Sciences Second Major: Mathematics — The College of Liberal Arts and Sciences *Title: Analysis of Different Detector Layouts for Proton Beam Tomography Director: Ricardo Alarcon – The College of Liberal Arts and Sciences*

Sadie Foley

Major: Business Entrepreneurship — W. P. Carey School of Business Title: The Effects of Time Restricted Feeding on Mood Director: Carol Johnston – College of Health Solutions

Marisa Nicole Forthun

Major: Psychology — The College of Liberal Arts and Sciences Second Major: Justice Studies — The College of Liberal Arts and Sciences *Title: The Temporal Stability and Predictive* Utility of Semiannual Teacher Assessments Across Elementary School

Director: Dustin Pardini – Watts College of Public Service and Community Solutions

Tublic Service and Community Solution

Nevada Anaid Foskit Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Comparison of Widespread State Variation in Optometric Care Director: Monica Gaughan – The College of Liberal Arts and Sciences

Ethan Fox

Major: Theatre — Herberger Institute for Design and the Arts Title: On The Mathematical Analysis of an Ancient Greek Tragedy (A CURE AT TROY) Using Mathematical Set Theory to Analyze Patterns in Character and Story Structure; the Production and Direction of that Greek Tragedy Using Vectors to Direct Action and Objectives in 2-Space; and the Research, Writing, and Production of a Reading of a New Play (A TREE DISAPPEARS) on the Analogies of Forestry Management Practices to Family Relationships Director: William Partlan – Herberger Institute for Design and the Arts

Matthew Davis Fox

Major: Earth and Space Exploration (Geological Sciences) — The College of Liberal Arts and Sciences *Title: Historical Metallurgy of Pattern-Welding Processes Director: Wanesia Misquadace – Herberger Institute for Design and the Arts*

Alexandra N. Franke

Major: Industrial Engineering — Ira A. Fulton Schools of Engineering Title: Disability Access and Resource Transportation Scheduler Director: Michael Clough – Ira A. Fulton Schools of Engineering

Jacob Jeffrey Franklin

Major: Sports Journalism — Walter Cronkite School of Journalism and Mass Communication Title: Student-Athlete: A Look Into the Conversation Surrounding Compensation for NCAA Athletes Director: Douglas Anderson – Walter Cronkite School of Journalism and Mass Communication

Rebecca Freed

Major: Applied Mathematics for the Life and Social Sciences — The College of Liberal Arts and Sciences Second Major: Justice Studies — The College of Liberal Arts and Sciences *Title: Volume Distributions of Metastatic Brain Tumors Director: Eric Kostelich – The College of Liberal Arts and Sciences*

Jacob Todd Fretto

Major: Global Health — The College of Liberal Arts and Sciences Title: Empty but Full, Experiences while Teaching in Eastern Africa Director: David Sklar – College of Health Solutions Major: English (Literature) — The College of Liberal Arts and Sciences Second Major: Philosophy — The College of Liberal Arts and Sciences *Title: Paraprosdokian: A Short Story Collection Director: Rebecca Soares – Barrett, The Honors College*

Michael Thomas Furey

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: The Story Behind Ultimate Frisbee: A Subculture Exploration Director: Sharon Crook – The College of Liberal Arts and Sciences

Ian Paulo Villalobos Gabriel

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Quantifying Cost Savings of Pleometrosis and Haplometrosis via Excavation Labor of the Seed-Harvester Ant Pogonomyrmex californicus Director: Jennifer Fewell – The College of Liberal Arts and Sciences

Justin Matthew Gaither

Major: Sports Journalism — Walter Cronkite School of Journalism and Mass Communication Title: Student-Athlete: A Look Into the Conversation Surrounding Compensation for NCAA Athletes Director: Douglas Anderson – Walter Cronkite School of Journalism and Mass Communication

Christopher Galaviz

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: Eliciting Sustainable Change in the Plastic Straw Supply Chain Director: Robert Wiedmer – W. P. Carey School of Business

Joshua Paul Galvan

Major: Political Science — The College of Liberal Arts and Sciences Title: House of Leaves: The Evolution of the Experimental Narrative Director: Daniel Gilfillian – The College of Liberal Arts and Sciences

Sarah Nicole Galvin

of Engineering

Major: Materials Science and Engineering — Ira A. Fulton Schools of Engineering Second Major: Political Science — The College of Liberal Arts and Sciences *Title: An Analysis of the Social and Political Consequences of the Development of Autonomous Vehicles Director: Stephen Krause – Ira A. Fulton Schools*

Michael Garber

Major: Finance -

W. P. Carey School of Business Second Major: Business Data Analytics – W. P. Carey School of Business

Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

Jordan Marie Garcia

Major: Political Science — New College of Interdisciplinary Arts and Sciences *Title: An Invisible Politics: A Feminist/Interpretive Approach Director: Natasha Behl – New College* of Interdisciplinary Arts and Sciences

Abbey Gargano

Major: Business (Communication) — W. P. Carey School of Business Title: The Perpetuation of Traditional Gender Roles Through Romantic Comedies Director: Lisa Barca – Barrett, The Honors College

Samuel Burkett Garretson

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Using Machine Learning to Predict the NBA Director: Ryan Meuth – Ira A. Fulton Schools of Engineering

Amanda M. Garza

Major: Business (Global Politics) — W. P. Carey School of Business Title: Proposal of New Course: French for Spanish Speakers Director: Mariana Bahtchevanova – The College of Liberal Arts and Sciences

Patrick M. Gaughan

Major: Economics — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Third Major: Finance — W. P. Carey School of Business Title: Structural Change in the Economy, Displaced Workers, and Welfare Outcomes Director: Gregory Veramendi – W. P. Carey School of Business

Tristan Joseph Gaynor Major: Finance — W. P. Carey School of Business Second Major: Supply Chain Management — W. P. Carey School of Business Third Major: Management — W. P. Carey School of Business Title: Youth Development and Engagement Through Competitive eSports Director: Christopher Neck – W. P. Carey School of Business

Daniel Rinaldo Gaytan-Jenkins

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Detection of Heel-Off Initiation Based Correlation between Ground Reaction Forces and Lower Extremity Surface Electromyography Director: Wenlong Zhang – Ira A. Fulton Schools of Engineering

Tessa Geelhood

Major: Theatre (Acting) — Herberger Institute for Design and the Arts Second Major: English (Linguistics) — The College of Liberal Arts and Sciences Title: The Box: An Original Television Bible and Associated Materials Director: Gregory Maday – Herberger Institute for Design and the Arts

Alexa Geidel

Major: English (Secondary Education) — The College of Liberal Arts and Sciences Title: The Classroom Where it Happens: A Unit in Secondary English Director: James Blasingame – The College of Liberal Arts and Sciences

Rachel Geiser

Major: Biochemistry — The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences Title: Healthcare Disparities Among Minority and Women in the Phoenix Area Director: Elizabeth Reifsnider – Edson College of Nursing and Health Innovation

Grace Meredith George

Major: Supply Chain Management — W. P. Carey School of Business *Title: The Freshman 15 Director: Traci Grgich – College of Health Solutions*

Lindsey German

Major: Performance (Orchestral Instrument) — Herberger Institute for Design and the Arts Title: Three Arrangements for Clarinet Choir Director: Robert Spring – Herberger Institute for Design and the Arts

Connor Giam

Major: Engineering (Robotics) — Ira A. Fulton Schools of Engineering Title: Haptic Learning: The Effects of Multimedia Learning on Haptic Robotic Manipulation Director: Scotty Craig – Ira A. Fulton Schools of Engineering

Eliyahu A. Gibly

Major: Accountancy — W. P. Carey School of Business Title: The Effects of Age on Ethical Behavior Director: Andrew Call – W. P. Carey School of Business

Sarah Giedraitis

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: Examining Philanthropic Behavior in Young Children Director: Adam Hahs – The College of Liberal Arts and Sciences*

Emily Giel

Major: Marketing — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Ocupado/a: A Cross-Cultural Comparison of Perceptions and Marketing Appeals in Spain and the U.S. Director: Detra Montoya – W. P. Carey School of Business

Inbal Gilboa

Major: English (Creative Writing) — The College of Liberal Arts and Sciences Title: Short Fiction Anthology - "Relays" Director: Matthew Bell – The College of Liberal Arts and Sciences

Matthew E Gildea

Major: Economics — W. P. Carey School of Business Title: Measuring MLB's Offensive Value: An analysis of major league baseball players' true offensive value Director: John Eaton – W. P. Carey School of Business

Emma Colette Giles

Major: Management — W. P. Carey School of Business Second Major: Business (Spanish Language and Culture) — W. P. Carey School of Business *Title: Building a Culture of Care: Mental Health Awareness for Elementary School Teachers Director: Erik Johnston – School for the Future of Innovation in Society*

Emily Gilmore

Major: Industrial Engineering — Ira A. Fulton Schools of Engineering Title: AI in Radiology: How the Adoption of an Accountability Framework can Impact Technology Integration in the Expert-Decision-Making Job Space Director: Erin Chiou – Ira A. Fulton Schools of Engineering

Daniel Joshua Goldberg

Major: Political Science — The College of Liberal Arts and Sciences Title: Eternal Outsiders: A historical and present-day reflection on anti-Semitism in America Director: Stanley Mirvis – The College of Liberal Arts and Sciences

Major: Accountancy -W. P. Carey School of Business Second Major: Computer Information Systems W. P. Carey School of Business Title: Can Finance Students at ASU Identify and Apply Knowledge of NPV to Real World Problems Director: Steven Orpurt - W. P. Carey School of Business Alereese Cyndee-Ann Gonzalez Major: Exercise and Wellness -College of Health Solutions Title: Emotional Arousal of Children With Autism to Pixar Videos Director: Jack Chisum - College of Health Solutions Bianca Andrea Gonzalez Major: Architectural Studies -Herberger Institute for Design and the Arts Second Major: Global Health -The College of Liberal Arts and Sciences Title: Research and Design of an Epilepsy Clinic for underserved Communities in Developing Countries

Olivia Janet Gonzalez

for Design and the Arts

Andrew Marcio Gomez

Major: Global Health — The College of Liberal Arts and Sciences *Title: Empowered: A Study of Solar Energy in Mayan Belize Director: Susan Carrese – The College of Liberal Arts and Sciences*

Director: Olivier Vallerand - Herberger Institute

Oscar Laurence Goodloe

Major: Applied Mathematics — New College of Interdisciplinary Arts and Sciences Title: Applications of Deep Neural Networks to Neurocognitive Poetics: A Quantitative Study of the Project Gutenberg English Poetry Corpus Director: Joel Nishimura – The College of Liberal Arts and Sciences

Christy M Goudamanis

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Intellectual Property Protections and Patents Director: Timothy Takahashi – Ira A. Fulton Schools of Engineering

Veronica Camille Graff

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Uncertainty, Speculation and Leverage in the U.S. Stock Market: 1987 to Now Director: Andrew Leckey – Walter Cronkite School of Journalism and Mass Communication

Kelsey Graft

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Supplies Needed for Devices to Aid in Healthcare in Developing Countries Director: Jerry Coursen – Ira A. Fulton Schools of Engineering

Ely Greenstein

Major: Psychology — The College of Liberal Arts and Sciences Title: The Wham-Womb Effect, Words with the Phoneme /æ/ are Rated as More Rousing than those with /u/ Director: Michael McBeath – The College of Liberal Arts and Sciences

Elinor Vera Greenwald

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: DNA Origami as Novel Immune Neoadjuvants Director: Bo Ning – Biodesign Institute*

Gina Greer

Major: Supply Chain Management — W. P. Carey School of Business Title: Adulting Decoded Director: Sarah Duerden – The College of Liberal Arts and Sciences

Torsten Markus Greife

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Business (Sustainability) — W. P. Carey School of Business Title: CFA Institude Research Challenge: Axon Enterprise Inc. Director: Arthur Budolfson – W. P. Carey School of Business

Hadley Meryl Griffin

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Empowering Women in Zambia through Computational Thinking Curriculum Director: Sharon Hsiao – Ira A. Fulton Schools of Engineering

Victoria Grijalva Ochoa

 Major: Public Service and Public Policy (Nonprofit Leadership and Management)
 Watts College of Public Service and Community Solutions
 Title: An Exploration on Community Organizations: Operations, Issue Determination, and Impact Scope
 Director: David Becerra – Watts College of Public Service and Community Solutions

Grace Cameron Grimes

Major: Business (Law) — W. P. Carey School of Business Title: Study Abroad Programs and the Culture Shock Phenomenon Director: Okey Iheduru – The College of Liberal Arts and Sciences

Dominic Waldo Grisingher

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Title: Purification and Characterization TRI 05 113S M6I Director: Jeremy Mills – Biodesign Institute

Madeline Grosskopf

Major: Marketing (Professional Sales) — W. P. Carey School of Business Title: Next Generation Recruiting: Using Corporate Social Responsibility to Recruit Top Talent Director: John Eaton – W. P. Carey School of Business

Sierra Grubb

Major: Biological Sciences

(Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Analysis of Risk Factors and Lameness Events in Equine Athletes Among Varying Discipline Director: Victoria Jackson – The College of Liberal Arts and Sciences

Benjamin Roman Gruca

Major: Marketing — W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: For Your Consideration: Exploring the Value of Academy Awards Campaigns Director: Michael Mokwa – W. P. Carey School of Business

Ismael Guerrero

Major: Philosophy (Morality, Politics and Law) — The College of Liberal Arts and Sciences Title: Chief Executives: Analysis of Leadership with Corporate and Political Settings Director: Jeffrey Watson – The College of Liberal Arts and Sciences

Jason Guglielmo

Major: Mathematics -

The College of Liberal Arts and Sciences Title: Skipping Turns on the Ordering Game Director: Hal Kierstead – The College of Liberal Arts and Sciences

Alexis C. Gulbransen

Major: Marketing (Digital and Integrated Marketing Communications) — W. P. Carey School of Business Title: Breaking the Digital Ceiling: Women's Experiences in Video Game Culture Director: John Eaton – W. P. Carey School of Business

Marco Gutierrez

Major: Computer Information Systems — W. P. Carey School of Business Title: TradeUp: Windows Forms Application Director: Christopher Olsen – W. P. Carey School of Business

Paige Haagen

Major: English (Literature) — The College of Liberal Arts and Sciences Title: Educating the Finnish Way: Cultivating Independently Motivated Students Through an Autonomous Mindset Director: Christina Saidy – The College of Liberal Arts and Sciences

Una Hadziahmetovic

Major: Biochemistry -

The College of Liberal Arts and Sciences Title: Analysis of the Cellular Localization of PANK2 Variants Using a Yeast Model Director: Jason Newbern – The College of Liberal Arts and Sciences

Rachel Claire Hagan

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Relationship Satisfaction Across Fourteen Days: A Smartphone-Based Ecological Momentary Assessment Study Director: Shelby Langer – Edson College of Nursing and Health Innovation

Liam Bennett Hait

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Fire-Resistant Electrolytes for Safer Lithium-ion Batteries Director: Jerry Lin – Ira A. Fulton Schools of Engineering

Tanner Hall

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Physical Unclonable Functions (PUF) Director: Hugh Barnaby – Ira A. Fulton Schools of Engineering

Grant Halver

Major: Mathematics (Statistics) — The College of Liberal Arts and Sciences Title: Describing the Mechanical Failure of Water Pumps Using Fourier Transformed Accelerometer Data Director: Tom Taylor – The College of Liberal Arts and Sciences

Macie B. Hamblen

Major: Political Science — The College of Liberal Arts and Sciences Title: Familial DNA and Genealogical DNA Uses in Forensic Science: Usability, Legality, and Ethicality Director: Kimberly Kobojek – The College of Liberal Arts and Sciences

Jamie Handlos

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Understanding children's engineering-related achievement beliefs: An examination of gender and age differences Director: Cindy Miller – The College of Liberal Arts and Sciences

Jacob R. Hann

Major: Computer Systems Engineering — Ira A. Fulton Schools of Engineering Title: Procedural Generation of 3d Environments from Natural Language Director: Yoshihiro Kobayashi – Ira A. Fulton Schools of Engineering

Brittany Harb

Major: Political Science — The College of Liberal Arts and Sciences Title: Refugee Integration Effectiveness in a Globalized World Director: Kristy King – Barrett, The Honors College

Lana Harfouche

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Global Studies — The College of Liberal Arts and Sciences Title: International Business Within Italian Borders: An Economic and Historical Approach Director: Chiara Dal Martello – The College of Liberal Arts and Sciences

William Harper

Major: Applied Biological Sciences — College of Integrative Sciences and Arts *Title: The Nutritional and Medicinal Benefits* of Aeroponic Agriculture Director: Holly Huffman – College of Integrative Sciences and Arts

Julianna Kara Harrell

Major: Business (Law) — W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: Doing Good to Attract the Best: CSR and Recruiting Director: Marcie LePine – W. P. Carey School of Business

Heather Lee Harrenstein

Major: Sustainability — School of Sustainability Title: The History and Practical Applications of Video Games as a Medium for Dispersing Knowledge of and Generating Discussion Around Sustainability Director: Hanna Breetz – Julie Ann Wrigley Global Institute of Sustainability

Kathryn Joanne Harris

Major: Global Studies — The College of Liberal Arts and Sciences Title: Solo Female Travel and its Impact on Media Director: Karen Bruhn – Barrett, The Honors College

Kimberly Harris

Major: English (Literature) — The College of Liberal Arts and Sciences Title: Karel Capek's Dialectical Portrayal of Knowledge in Hordubal, Meteor, and An Ordinary Life as a Response to Czechoslovak Nationalism Director: Elizabeth Horan – The College of Liberal Arts and Sciences

Madison Nicole Harris

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business Title: Creating a Sustainable Home Cooling System Director: Rhett Trujillo – W. P. Carey School of Business

Taylor Harris

Major: Supply Chain Management — W. P. Carey School of Business Title: Analysis of NRE Fees for American Airlines Director: Todd Taylor – Thunderbird School of Global Management

Tiffany Hartono

Major: Architectural Studies — Herberger Institute for Design and the Arts Title: Storytelling and Technology in Architecture Director: Catherine Spellman – Herberger Institute for Design and the Arts

Prathima Harve

Major: Biochemistry -

The College of Liberal Arts and Sciences Second Major: Spanish —

The College of Liberal Arts and Sciences Title: Communicating the Significance and Relevance of the Tarot Archetypes with an Artistic Response Director: Adriene Jenik – Herberger Institute for Design and the Arts

Chad Steven Hauck

Major: Biological Sciences (Conservation Biology and Ecology) — The College of Liberal Arts and Sciences *Title: Tracking Tempe Alley Plants Through Time and Space Director: Nico Franz – The College of Liberal Arts and Sciences*

Caleb River Haynes

Major: Psychology — The College of Liberal Arts and Sciences Title: Emotion Regulation in Autism Spectrum Disorder: Neural Mechanisms and Mood Symptoms Director: B. Blair Braden – College of Health Solutions

Emily Caitlin Heathcotte

Major: Finance -W. P. Carey School of Business Second Major: Accountancy -W. P. Carey School of Business Title: Shortcomings in Regulation of Advertising for Financial Instruments Director: Charles Giles – W. P. Carey School of Business George Heiler Major: Finance -W. P. Carey School of Business Second Major: Computer Information Systems - W. P. Carey School of Business Third Major: Supply Chain Management -W. P. Carey School of Business Title: Youth Development and Engagement Through Competitive eSports Director: Christopher Neck - W. P. Carey School of Business

Richelle Diane Heinauer

Major: Communication -

The College of Liberal Arts and Sciences Title: Cooking, Consumption, and Identity Crisis: Communicating Femininity as a 1950s Housewife Director: Daniel Brouwer – The College of Liberal Arts and Sciences

Angela Marie Hemesath

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Piloerection Sensor: Insight into Autonomic Function Director: Jit Muthuswamy – Ira A. Fulton Schools of Engineering

Andrea Celleste Henderson

Major: Music Education — Herberger Institute for Design and the Arts Title: Recording for Teachers Director: Sandra Stauffer – Herberger Institute for Design and the Arts

Caitlyn Bernice Hendricks-Costello

Major: Economics — W. P. Carey School of Business Title: The Economic Effectiveness of Sanctions Imposed by the US and UN Director: Daniel Silverman – W. P. Carey School of Business

Sarabeth Baxter Henne

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: How to Create Buzz When Reporting on the Environment Director: Lynn French – Sandra Day O'Connor College of Law

Thomas Louis Henning

Major: Finance — W. P. Carey School of Business Title: ETF Price and NAV Divergence Director: Mark Simonson – W. P. Carey School of Business

Alfred Michael Henry

Major: Computer Information Systems — W. P. Carey School of Business Title: Rethinking the Job Search: Bringing Technology Undergraduates a Better Understanding of Their Job Market Director: David Darcy – W. P. Carey School of Business

Lauren Elizabeth Henry

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Insulin Resistance: Insulin and Glucose Metabolism in Rats Fed a High Fat Diet Director: Richard Herman – The College of Liberal Arts and Sciences

Alexis Hermansen Major: Journalism and Mass Communication - Walter Cronkite School of Journalism and Mass Communication Second Major: Geography (Meteorology-Climatology) -The College of Liberal Arts and Sciences Title: Weather Habits of the Arizona Public Director: Melanie Asp Alvarez – Walter Cronkite School of Journalism and Mass Communication Joseph James Herrera-Theut Major: Civil Engineering -Ira A. Fulton Schools of Engineering Title: Structural Engineering Plan for a Residential Design Director: Kristen Ward - Ira A. Fulton Schools of Engineering Sydnee Avery Hertle Major: Economics -W. P. Carey School of Business

W. P. Carey School of Business Second Major: Political Science — The College of Liberal Arts and Sciences *Title: Social Capital and Civic Engagement at the Collegiate Level Director: Henry Thomson – The College of Liberal Arts and Sciences*

Kathryn Sarah Hesser

Major: Microbiology — The College of Liberal Arts and Sciences Title: Construction of a recombinant coronavirus with a histidine tagged envelope (E) Protein Director: Brenda Hogue – Biodesign Institute

Kieley Jordan Hicks

Major: Nursing — Edson College of Nursing and Health Innovation Title: Implications of School Nurses' Self-Care Practices Director: Lisa Jaurigue – Edson College of Nursing and Health Innovation

Cody Alan Hill

Major: Medical Studies — College of Health Solutions Title: The Effects of Resistance Training on Vascular Health in Overweight Adults Director: Corrie Whisner – College of Health Solutions

Hope Jehng Hill

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering *Title: Imaging Local Drug Delivery Director: Michael Caplan – Ira A. Fulton Schools of Engineering*

Mary Hintze

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Market Research for Interior Design of Fully Autonomous Vehicles Considering the Human Factor Director: Robert Gray – Ira A. Fulton Schools of Engineering

Gabrielle Rachel Hirneise

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Cloning and expression of FluM1-specific T cell receptors Director: Karen Anderson – Biodesign Institute

Yi-Chun (Kevin) Ho

Major: Marketing — W. P. Carey School of Business Title: Manipulation! How Spokespeople Affect Brands and Their Consumers Director: Charles Giles – W. P. Carey School of Business

Chase Robert Hocken

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Underwater Communications for Scuba Diving Applications Director: Christ Richmond – Ira A. Fulton Schools of Engineering

Madeleine Rose Holler

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: How Social Media is Reshaping Modern Day Feminism: An Analysis of the Miss America Organization Scandal Director: Hazel Kwon – Walter Cronkite School of Journalism and Mass Communication

Rachel Marie Hom

Major: Speech and Hearing Science — College of Health Solutions Title: Determining predictors of acquisition for /r/ using acoustic signal processing Director: Juliet Weinhold – College of Health Solutions

Chiara Marie Hommel

Major: Biological Sciences — The College of Liberal Arts and Sciences Second Major: History — The College of Liberal Arts and Sciences *Title: A Morning in Vietnam: The Lives of Nurses Who Served Director: Rodney Longley – The College of Liberal Arts and Sciences*

Sophia Katherine Hopewell

Major: Global Health — The College of Liberal Arts and Sciences Second Major: Psychology — The College of Liberal Arts and Sciences Title: A Multidiscriplinary Comparison of HIV/AIDS Stigma in the U.S. and Tanzania Director: Marjorie Baldwin – W. P. Carey School of Business

Breanna Susanne Hormann Major: Biology — New College of Interdisciplinary Arts and Sciences Second Major: Psychology — New College

of Interdisciplinary Arts and Sciences Title: You Gotta Eat the Lettuce: An Examination of the Effects of Lutein and Zeaxanthin on Contrast Sensitivity Director: Steven Holloway – New College of Interdisciplinary Arts and Sciences

Chase Philip Houser

Major: Global Studies — The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences *Title: Deterrent Immigration Policies of the Trump Administration Director: Lisa Magaña – The College of Liberal Arts and Sciences*

Jonathan Matthew Hrovat

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: The Metabolic Effects of Sulforaphane in RCC10 Cell Lines Director: Haiwei Gu – College of Health Solutions

Eduardo Luciano Huapaya

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Lack of Prenatal Healthcare in Third World Countries Director: Jit Muthuswamy – Ira A. Fulton Schools of Engineering

Turner Wilbanks Hubby

Major: Business (Global Politics) — W. P. Carey School of Business Title: Eurovision Winners and the European Hyphenated Identity Director: Jennet Kirkpatrick – The College of Liberal Arts and Sciences

Rosemary Alice Huck

Major: Geography — The College of Liberal Arts and Sciences Title: Change in Foredune Morphodynamics After Revegetation in Humboldt Bay, Northern California Director: Ian Walker – The College of Liberal Arts and Sciences

Gabriela Huckabee

Major: Earth and Space Exploration (Astrophysics) — The College of Liberal Arts and Sciences *Title: Correlating Galactic Magnetic Fields with Regions of Dense Star Formation using LOFAR and CALIFA Director: Rolf Jansen – The College of Liberal*

Director: Rolf Jansen – The College of Liberal Arts and Sciences Major: Psychology (Psychological Science) — The College of Liberal Arts and Sciences Second Major: Biochemistry —

The College of Liberal Arts and Sciences Title: An Investigation into the Influence of Dimensions of Containment on Externalizing Behaviors in Affluent Youth Director: Suniya Luthar – The College of Liberal Arts and Sciences

Salvador Huerta

Major: Computer Information Systems — W. P. Carey School of Business *Title: color Director: Mathew Sandoval – Barrett, The Honors College*

Randee Lee Huffman

Major: Mechanical Engineering

(Computational Mechanics) — Ira A. Fulton Schools of Engineering Title: Fluid Prosthetic Elbow Joint: An Analysis of a Prosthetic Elbow Joint with Fluid Joint Membrane Sac to Enable More Fluid Rotational Movement Using Mechanical Properties Director: James Abbas – Ira A. Fulton Schools of Engineering

Zachary William Humphreys

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Utilizing Multi-Center Data to Improve Epilepsy Surgery Planning Director: Vikram Kodibagkar – Ira A. Fulton Schools of Engineering

Natalie Iannuzo

Major: Biochemistry — The College of Liberal Arts and Sciences Second Major: Microbiology — The College of Liberal Arts and Sciences Title: High-throughput screening and identification of synthetic peptides with Mycobacterium abscessus inhibitory activity Director: Shelley Haydel – Biodesign Institute

Eileen Elizabeth Imbus

Major: Civil Engineering — Ira A. Fulton Schools of Engineering Title: Biking as a Mode of Transportation: Evolution of Cycling in the Last 15 Years Director: Sara Khoeini – Ira A. Fulton Schools of Engineering

Irelan Hope Inoshita

Major: History — The College of Liberal Arts and Sciences *Title: On Second Thought Director: Patrick Kenney – The College* of Liberal Arts and Sciences

Carter Irwin

Major: Finance -W. P. Carey School of Business Second Major: Business (Law) -W. P. Carey School of Business Title: Easy Guide to Bonds Director: Seth Pruitt - W. P. Carey School of Business Martin Ivanov Major: Political Science - New College of Interdisciplinary Arts and Sciences Title: NAFTA and Trade Along the Southern Border Director: William Ackroyd - New College of Interdisciplinary Arts and Sciences Ranine Jaber Major: Supply Chain Management -W. P. Carey School of Business Title: Strategic Marketing Planning and Consumer Behavior: Top Cup Differentiation Strategy Director: Kathryn Eaton - W. P. Carey School of Business Miranda Sophie Jacobs Major: Marketing (Digital and Integrated Marketing Communications) -W. P. Carey School of Business Title: The Influence of Logo Design Complexity on Color and Brand Perceptions Director: Nancy Gray - W. P. Carey School of Business Ishitha Jagadish Major: Biomedical Engineering -Ira A. Fulton Schools of Engineering Title: Assessing Event Logistics of the Spring 2018 Ethics & Innovation Symposium Director: Jerry Coursen - Ira A. Fulton Schools of Engineering

Trey Patrick Janovsky

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: What Do Chemical Engineers Do Exactly? Director: David Taylor – Ira A. Fulton Schools of Engineering

Mallory Jenkins

Major: Marketing (Digital and Integrated Marketing Communications) — W. P. Carey School of Business Title: The Adverse Effects of Social Media Influencers on Mental Health Director: Peter Schmidt – Barrett, The Honors College

Connor Yasir Jensen

Major: Computer Information Systems – W. P. Carey School of Business Title: Technology Education to Inspire Future Innovators Director: Elva Lin – W. P. Carey School of Business

Matthew John Jernstedt

Major: Political Science — The College of Liberal Arts and Sciences Title: The Multipolar Moment: Changes in the Global Environment and the Conduct of Humanitarian Intervention Director: Reed Wood – The College of Liberal Arts and Sciences

Ndey Bassin Jobe

Major: Earth and Space Exploration (Astrobiology and Biogeosciences) — The College of Liberal Arts and Sciences *Title: The Evolution of Lactase Persistence in the Turkana Director: Melissa Wilson – The College of Liberal Arts and Sciences*

Jena Johanson

Major: Statistics — New College of Interdisciplinary Arts and Sciences

Second Major: French — The College of Liberal Arts and Sciences Title: Reproducibility and Repeatability Studies in Fingerprint Analysis Using Mixed Effects Models Director: Mickey Mancenido – New College of Interdisciplinary Arts and Sciences

Benson Thomas John

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Title: Project Bandaid: An Analysis of Preventive Health Knowledge Retention Among Elementary Students in Phoenix Director: Donald Fette – Barrett, The Honors College

Jared Schlecht Johns

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Characterization of an Optimal Binding Frequency for a Glutaraldehyde Based Point of Care Glucose Sensor Director: Jeffrey LaBelle – Ira A. Fulton Schools of Engineering

Amberley Rae Johnson

Major: Architectural Studies -

Herberger Institute for Design and the Arts Title: The Psychology of Transition and Architecture: The Afternath of Trauma and Recovery from Abuse Director: William Heywood – Herberger Institute for Design and the Arts

Annie Laura Johnson

Major: Biological Sciences

(Conservation Biology and Ecology) — The College of Liberal Arts and Sciences Second Major: Global Studies —

The College of Liberal Arts and Sciences Title: An Analysis of the Landscape Permeability for Jaguars Through a Proposed Habitat Corridor Across the Osa Peninsula In Costa Rica Director: Jesse Lewis – College of Integrative Sciences and Arts

Justin Johnson

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Title: The Influence of Walking Speed on Gaze Behaviors Director: Claire Honeycutt – Ira A. Fulton Schools of Engineering

Matthew Johnson

Major: Economics — The College of Liberal Arts and Sciences *Title: Nudged Towards Rationality: Probability Distortion with and without Expected Value Director: Brian Goegan – W. P. Carey School* of *Business*

Ross Johnson

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Comparative Analysis of Interprofessional Clinic Models: Recommendations for Best Practice Implementation Director: Susan Harrell – Edson College of Nursing and Health Innovation

Sydney Rae Johnson

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Worksite Wellness Promotion: Exercise and its Impact on Mental Health Director: Kristin Hoffner – College of Health Solutions

Roxann Rose Jones

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: The Physiological and Psychological Effects of Swing Dancing Compared to Traditional Exercise Director: Nicole Nolan – College of Health Solutions

Claire Jordan

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Theory vs Practice: An In-Depth Analysis of Engineering Education and the Careers that Follow Director: Timothy Takahashi – Ira A. Fulton Schools of Engineering

Emily Lois Jordan

Major: English (Literature) — The College of Liberal Arts and Sciences Second Major: French — The College of Liberal Arts and Sciences *Title: Levels of Formality in French Translations* of American TV Shows Director: Mariana Bahtchevanova – The College of Liberal Arts and Sciences

Adam John Kalinowski

Major: Marketing — W. P. Carey School of Business Title: Promise to Our Planet Director: Julie Anand – Herberger Institute for Design and the Arts

Seraphine Kamayirese

Major: Biochemistry -

The College of Liberal Arts and Sciences Title: Determination of Expression of Syncytin in Macrophages and its Fusogenic Activity in Cell fusion. Director: Tatiana Ugarova – The College of Liberal Arts and Sciences

Aneel Singh Kang

Major: Business (Law) — W. P. Carey School of Business Title: Attitudes towards Drug Use in College and the Underground Drug Market Director: Bev Carlsen-Landy – The College of Liberal Arts and Sciences

Samuel Alexander Kaplan

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: The Past, Present, and Future of Cryptocurrency Director: Robert Niebuhr – Barrett, The Honors College

Mark Kapron

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Modeling, Analysis, and Design of an Omni-Directional Ball-Balancing Robot Director: Armando Rodriguez – Ira A. Fulton Schools of Engineering

Susan Karoubi

Major: Biology — New College of Interdisciplinary Arts and Sciences Title: SiMJi-B: A New Method to Teach Anatomy Director: Manuel Cevallos – The College of Liberal Arts and Sciences

Lauren Jessica Kasle

Major: Political Science -

The College of Liberal Arts and Sciences Title: The Evolution of the Public Perception of Feminism Director: Tara Lennon – The College of Liberal Arts and Sciences

Elyse Nicole Kats

Major: Sustainability — School of Sustainability Title: Residential Choices Impact on Sustainable Transportation Options Director: Deborah Salon – The College of Liberal Arts and Sciences

Jacob Kaufman

Major: Film (Film and Media Production) — Herberger Institute for Design and the Arts *Title: Subjective Filmmaking: How Cinema Evokes Emotion and Portrays Subjective Experience Director: Adam Collis – Herberger Institute for Design and the Arts* Carrie Angelique Keller Major: Biological Sciences (Biology and Society) — The College of Liberal Arts and Sciences Title: The Effects of Pregnant Women's Prenatal Stress on the Health of Their Infants Director: Jane Maienschein – The College of Liberal Arts and Sciences Charles Keller

Major: Supply Chain Management — W. P. Carey School of Business Title: Wealth Planning and Behavioral Finance of the Financially at Risk Director: Lawrence Licon – W. P. Carey School of Business

Adam Lee Kemp

Major: Film (Filmmaking Practices) — Herberger Institute for Design and the Arts *Title: Dale and Edna* Director: Robert LiKamWa – Herberger Institute for Design and the Arts

Mary Kathryn Kennedy

Major: English (Linguistics) — The College of Liberal Arts and Sciences Second Major: Asian Languages (Chinese) — The College of Liberal Arts and Sciences Title: To or Be or Not To Be: The Role of Aspect and Movement in Distinguishing Chinese Prepositions and Verbs Director: Elly Van Gelderen – The College of Liberal Arts and Sciences

Amanda K. Kephart

Major: Forensic Science — New College of Interdisciplinary Arts and Sciences Title: Possibility vs. Practicality: A Study of the Sequential Processing of Fired Cartridge Casing Director: Jose Armendariz Guajardo – The College of Liberal Arts and Sciences

Jessica Kerlee

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: BCI's: Remote Brain Control of a Robotic Ground Vehicle Director: Armando Rodriguez – Ira A. Fulton Schools of Engineering

Kimberly Kevershan

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Loving them to Death?: Crowding and the National Park Experience After Desert Solitaire Director: Ben Minteer – The College of Liberal Arts and Sciences

Huda Khalife

Major: Sustainability — School of Sustainability Second Major: Psychology — The College of Liberal Arts and Sciences Title: Childhood Attachment as a Predictor of Adult Relationships Across Cultures Director: Elizabeth Nelson – The College of Liberal Arts and Sciences

Farib Khondoker

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Investigation and Analysis of Music Genre Identification via Machine Learning Director: Andreas Spanias – Ira A. Fulton Schools of Engineering

Aditya Khuller

Major: Aerospace Engineering (Astronautics) — Ira A. Fulton Schools of Engineering Title: Investigating the Formation of Recent Martian Gullies Director: Philip Christensen – The College of Liberal Arts and Sciences

Baani Kaur Khurana

Major: Computer Science (Software Engineering) — Ira A. Fulton Schools of Engineering Title: Privacy-guaranteed Data Collection: The Case for Efficient Resource Management of Nonprofit Organizations Director: Rida Bazzi – Ira A. Fulton Schools of Engineering

Paula Kulabako Kibuka Musoke Major: Biochemistry —

The College of Liberal Arts and Sciences Second Major: Global Health — The College of Liberal Arts and Sciences Title: Does Hygiene Stigma Lead to the Objectification of Women in Fiji? Director: Amber Wutch – The College of Liberal Arts and Sciences

Amanda Kichler

Major: Marketing — W. P. Carey School of Business Title: For Your Consideration: Exploring the Value of Academy Awards Campaigns Director: Michael Mokwa – W. P. Carey School of Business

Caitlin Anne Kierum

Major: Performance (Orchestral Instrument) — Herberger Institute for Design and the Arts Second Major: English (Literature) —

The College of Liberal Arts and Sciences Title: Questioning the Man in the Glass Booth: Analyzing Depictions of the Eichmann Trial Director: Daniel Gilfillan – The College of Liberal Arts and Sciences

Brody William Kilgore

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Pelvic Ultrasound to Evaluate Parameters that may Affect Intrauterine Device (IUD) Placement Failure and Success Director: Elizabeth Reifsnider – Edson College of Nursing and Health Innovation

Cecile Kim

Major: Architectural Studies — Herberger Institute for Design and the Arts *Title: Scenes from Childhood: a design proposal* to manifest music into architectural form while integrating the US music curriculum Director: Claudio Vekstein – Herberger Institute for Design and the Arts

Kayla Monet King-Sumner

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Walter Cronkite School of Journalism and Mass Communication's Approach to Racial and Ethnic Diversity Director: Rachel Fedock – Barrett, The Honors College

Tina Marie Kinnerup

Major: Marketing — W. P. Carey School of Business Title: Compensatory Consumption: How Sales Associates Behavior Influence Consumers' Willingness to Purchase Aspirational Brands Director: Monika Lisjak – W. P. Carey School of Business

Lauren Marie Kinzle

Major: Business (Law) — W. P. Carey School of Business Title: Participatory Budgeting in Carson Junior High Director: Daniel Schugurensky – Watts College of Public Service and Community Solutions

Ryan Kiracofe

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Experimental Measurements of Power Output of a Cu/Cu2+ Thermogalvanic Brick using Effective Electrode Surface Area Alterations Director: Patrick Phelan – Ira A. Fulton Schools of Engineering

Destiney Kirby

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: A Demographic Analysis of Flora Thew Elementary School: An Investigation of Title I Elementary Schools and Minority Student Education Director: Carlos Velez-Ibanez – The College of Liberal Arts and Sciences

Alex Ander Kirvan

Major: Actuarial Science — The College of Liberal Arts and Sciences Title: A Low Dispersion Numerical Scheme for Wave Equations Director: Mohamed Moustaoui – The College of Liberal Arts and Sciences

Brendon Christopher Kleen

Major: Business (Sports Business) — W. P. Carey School of Business Second Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Auspicious Arenas: The Relative Value of Urbanized Sporting Arenas for Fans and Communities Director: John Eaton – W. P. Carey School of Business

Colby Jeanette Klemish

Major: Finance — W. P. Carey School of Business Title: The Influence of Loss Aversion and the Framing Effect in Personal Investing Decisions Director: Debra Radway – W. P. Carey School of Business

Jacob Wesley Knaup

Major: Engineering (Robotics) — Ira A. Fulton Schools of Engineering Title: Design, Modeling, and Optimization of a Hopping Robot Platform Director: Daniel Aukes – Ira A. Fulton Schools of Engineering

Jacob Knittel

Major: Molecular Biosciences and Biotechnology — The College of Liberal Arts and Sciences *Title: Cell Labeling Techniques to Assess Alzheimer's Disease Models Director: David Brafman – Ira A. Fulton Schools* of Engineering

Nicholas Joseph Knott

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Title: Monitoring Changes of Dissolved Organic Matter in Enriched Artificial Hot Spring Fluid Media Using Methods of Fluorescence and Spectroscopy Director: Everett Shock – The College of Liberal Arts and Sciences

Bradley Edward Knowlton

Major: Finance — W. P. Carey School of Business Title: Losing in order to win in the NBA Director: Mark Simonson – W. P. Carey School of Business

Aryn Mikaela Kodet

Major: Psychology — The College of Liberal Arts and Sciences *Title: Interdisciplinary Identity: An Exploration Through Poetry Director: Stephanie deLusé – Barrett, The Honors College* Bailee Elizabeth Koehler
Major: Supply Chain Management — W. P. Carey School of Business
Second Major: Business (Sustainability) — W. P. Carey School of Business
Title: Feeding Arizona: Analyzing and Advising the Operations & Logistical Process of the Emergency Food Bag program at United Food Bank Director: Mahyar Eftekhar – W. P. Carey School of Business
Samantha Lanette Koester

Major: International Letters and Cultures — The College of Liberal Arts and Sciences Title: The Influence of Mizrahi Jews on Israeli Culture Director: Judith Shemer – The College of Liberal

Anirudh Koka

Arts and Sciences

Major: Economics — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: The Cabin of God Director: Elizabeth Meloy – Barrett, The Honors College

Erin Kong

Major: Performance (Music Theatre) — Herberger Institute for Design and the Arts *Title: Reclaiming Asian American Woman and Personhood Through Musical Performance Director: David Britton – Herberger Institute for Design and the Arts*

Sreya Kosaraju

Major: Economics — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Effects of ending Net Neutrality on Content Providers Director: Fernando Leiva Bertran – W. P. Carey School of Business

Phillips Koss

Major: Business Entrepreneurship — W. P. Carey School of Business Title: Art VR: Virtual Reality Gallery Director: Richard Filley – Ira A. Fulton Schools of Engineering

Karishma Atul Kothari

Major: Microbiology (Medical Microbiology) — The College of Liberal Arts and Sciences Title: Project Bandaid: Analysis of Preventive Health Knowledge Retention Among Elementary Students in Phoenix Director: Donald Fette – Barrett, The Honors College

Anastasia Maria Koufidakis

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: An Analysis of the Cable News Networks' Coverage of Election Night 2016 Director: Melanie Asp Alvarez – Walter Cronkite School of Journalism and Mass Communication

Andrea Nicole Kraetz

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Coating Methods and Fuctionalization of Polyamide Membranes with a Microgel Anti-Foulant Director: Mary Laura Lind – Ira A. Fulton Schools of Engineering

Carson Krause

Major: Finance — W. P. Carey School of Business Title: Retail Roulette: An Analysis on the Impact of E-Commerce on the Retail Industry Director: Brian Sadusky – W. P. Carey School of Business

Kyle Kreitzer

Major: Mechanical Engineering (Computational Mechanics) — Ira A. Fulton Schools of Engineering *Title: Numerical Simulation of the Carina Astrophysical Jets Director: Carl Gardner – The College of Liberal Arts and Sciences*

Mason R. Kuebler

Major: Finance — W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

Arathi Kulkarni

Major: Economics — W. P. Carey School of Business Title: Model Organism Cancer Resistivity Director: Angelo Fortunato – Biodesign Institute

Sidharth Kulkarni

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: A Federated Model for Web Application Development Director: Rida Bazzi – Ira A. Fulton Schools of Engineering

Aradhana Kumar

Major: Microbiology (Medical Microbiology) — The College of Liberal Arts and Sciences Title: Characterization of Necroptosis in Breast Cancer and Melanoma for Oncolytic Vaccinia Potential Director: Bertram Jacobs – The College of Liberal Arts and Sciences

Elizabeth Kwan

Major: Music Therapy — Herberger Institute for Design and the Arts *Title: United Sound Handbook: Music Learning*

for Students with Special Needs Director: Melita Belgrave – Herberger Institute for Design and the Arts

Kordell Reginald Huynh Lacy

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: The Association Between Sleep Quality and Asthma in Middle-school Aged Children Director: Mary Davis – The College of Liberal Arts and Sciences*

Edward Lai

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: The viability of Intellectual Property Protections and Patent Law on Biotechnology Director: Timothy Takahashi – Ira A. Fulton Schools of Engineering

Maymary Everrest Laideson

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Production of Biofuel from Algae and Salicornia using Hydrothermal Liquefaction (HTL) Technique Director: Shuguang Deng – Ira A. Fulton Schools of Engineering

Hanna Alyssa Lalani

Major: Psychology — The College of Liberal Arts and Sciences Second Major: Business (Human Resources) — W. P. Carey School of Business Title: Going Back in Time: Children's Word Learning Through Backwards Integration Director: Viridiana Benitez – The College of Liberal Arts and Sciences

Evan Lam

Major: Computer Systems Engineering — Ira A. Fulton Schools of Engineering Title: Using Field-Programable Gate Arrays in Edge Computing Director: Fengbo Ren – Ira A. Fulton Schools of Engineering

Andrew D. Landers

Major: History — New College of Interdisciplinary Arts and Sciences Second Major: Political Science — New College of Interdisciplinary Arts and Sciences *Title: Athenian Demagogues during the Peloponnesian War Director: Matt Simonton – New College* of Interdisciplinary Arts and Sciences

Nicholas Christian Lange

Major: History –

The College of Liberal Arts and Sciences Title: Rediscovering Education by Way of Mindfulness: A Critique of Current Practices and a Possible Solution Director: Michael Ostling – Barrett, The Honors College

Grant Laufer

Major: Economics — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: Empowerment: Studying International Development and the Effects of Solar Energy in the Mayan Communities of Rural Belize Director: Susan Carrese – The College of Liberal Arts and Sciences

Sarah Layon

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: An HIV and Aging Services Directory: Assessing the Presence of Non-Discriminatory Providers in the Phoenix Metro Area Director: Bertram Jacobs – The College of Liberal Arts and Sciences

Joshua Lazau

Major: Biology — New College of Interdisciplinary Arts and Sciences *Title: UV Pattern and Abundance Effect* on Pollinator Activity Director: Jennifer Foltz-Sweat – The College of Liberal Arts and Sciences

Anita Le

Major: Nonprofit Leadership and Management — Watts College of Public Service and Community Solutions *Title: Transforming Public Spaces Director: Gordon Shockley – Watts College of Public Service and Community Solutions*

Matthew Lee

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Frequency Modulated Continuous Wave Radar for Volcanic Ash Detection Director: Christopher Groppi – The College of Liberal Arts and Sciences

John Chester Tim Hook Lee

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Solar PV to Prevent Evaporation Over a Body of Water Director: Patrick Phelan – Ira A. Fulton Schools of Engineering

Mary Hayoung Lee

Major: English (Literature) — The College of Liberal Arts and Sciences *Title: Forgiving the Small Gods Director: Sally Ball – The College of Liberal Arts and Sciences*

Ian Lefever

Major: Finance — W. P. Carey School of Business Second Major: Accountancy — W. P. Carey School of Business *Title: Cookies 4 Change Director: Mary Feeney – Watts College of Public Service and Community Solutions*

Sabrina Christine Leigh-Godfrey

Major: Computer Systems Engineering — Ira A. Fulton Schools of Engineering Title: Solutions to Patent Trolling in the Age of Information Technology Director: Jon Kappes – Sandra Day O'Connor College of Law

Katelyn Emiko Lentz

Major: Interior Design — Herberger Institute for Design and the Arts *Title: How a Building in the Sonoran Desert Can be Water Positive by Working with the Natural Hydrological Cycle of the Site Director: Jose Bernardi – Herberger Institute for Design and the Arts*

Jonah B. Lerner

Major: Engineering (Robotics) — Ira A. Fulton Schools of Engineering Title: Low-Budget, Variable-Length, Arduino-Based Robotics Unit for a 5th-7th Grade Classroom Director: Adam Carberry – Ira A. Fulton Schools of Engineering

Allison Levin

Major: Psychology — The College of Liberal Arts and Sciences Title: Cultural Differences in Memory Output Director: Gene Brewer – The College of Liberal Arts and Sciences

Shalamo Leviyev

Major: Psychology — New College of Interdisciplinary Arts and Sciences Title: Organizational Culture and Leadership Values: Case Studies of 6 Large US Companies Director: Jeffrey Kassing – New College of Interdisciplinary Arts and Sciences

Lital Levy

Major: Marketing — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: What it Takes to Become a Product Manager Director: Amy Ostrom – W. P. Carey School of Business

Arianna Freedom Lew

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: What works best? A Global Comparative-Analysis of Alzheimer's Disease Treatment and Care Director: Kathleen Lupone – Edson College of Nursing and Health Innovation

Kyle Lewis

Major: Engineering (Robotics) — Ira A. Fulton Schools of Engineering Title: Soft Robotics: A Quasi-Passive Knee Brace to Assist in Lifting Director: Thomas Sugar – Ira A. Fulton Schools of Engineering

Hanjing (Sara) Li

Major: Supply Chain Management -

W. P. Carey School of Business Title: Exploring management values, attitudes, and behaviors toward green practices in urban hotels Director: Woojin Lee – Watts College of Public Service and Community Solutions

Richard Li

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: A Retrospective Investigation to Assess the Potential Application of Predictive Machine Learning Algorithms in Oncology Clinical Trials Director: Li Liu – College of Health Solutions

Guston Heqian Lighthouse

Major: Engineering (Robotics) — Ira A. Fulton Schools of Engineering Title: Extending the Jumping Range of a Small Robot with Collapsible Gliding Wings Director: Daniel Aukes – Ira A. Fulton Schools of Engineering

Jacob Lille

Major: Political Science — The College of Liberal Arts and Sciences Second Major: Justice Studies — The College of Liberal Arts and Sciences *Title: Civil Court Mediation in the 21st Century Director: Gregory Broberg – The College* of Liberal Arts and Sciences

Braden John Liu

Major: Finance — W. P. Carey School of Business Title: Solis Lofts Community Development Director: Brian Sadusky – W. P. Carey School of Business

Marlon William Londono

Major: Justice Studies — The College of Liberal Arts and Sciences *Title: Honor, Glory, Sacrifice, and Annihilation: Violence and Death in World War II Director: Robert Niebuhr – Barrett, The Honors College*

Daniel Francis Loonam

Major: Finance — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business *Title: Macron's Economy Director: Henry Thomson – Ira A. Fulton Schools of Engineering*

Julia Lorence

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: A Neuro-Oncology Project: The Role of Sexual Dimorphism in Gliobastomas Director: Kristin Rae Swanson – The College of Liberal Arts and Sciences

Tristan Andre Loveday

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Plasmid Design for Making a HEK293t Reporter Cell Line to Study Expression Profile Dynamics and Multistability Director: Xiao Wang – Ira A. Fulton Schools of Engineering

Brooke Loy

Major: Marketing — W. P. Carey School of Business Title: Authenticity and Ethics in the Beauty and Fashion Influencer Marketing Space Director: Charles Giles – W. P. Carey School of Business

Kato Luboowa

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Hydrothermo Liquefaction (HTL) of Algae and Salicornia to produce liquid Biofuel Director: Shuguang Deng – Ira A. Fulton Schools of Engineering

Christina Lufkin

Major: Architectural Studies — Herberger Institute for Design and the Arts Title: (Re)Framing Place: An Anti-Monument to Tourism in the 21st Century Director: Bryan Maddock – Herberger Institute for Design and the Arts

Gabrielle Vivi Luu

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Delving Deeper into Depression: An Examination of Pre-Service Teachers' Understanding of Depression and the Implication for Policy Recommendations Director: Margarita Jimenez-Silva – The College of Liberal Arts and Sciences

Deja Lynch-Howell

Major: Computer Information Systems – W. P. Carey School of Business

Second Major: Business Data Analytics — W. P. Carey School of Business Title: The Roles of Criminal Justice Professionals: Reality vs. Portrayals in Movies and Television Shows Director: Claudine DeCarolis – Watts College of Public Service and Community Solutions

Henry Aloysius Mackey V

Major: Computer Information Systems — W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: Pay vs. Play in Austria and America Director: Michael Baer – W. P. Carey School of Business

Brigette Teresa Maggio

Major: Business (Law) — W. P. Carey School of Business Second Major: Political Science — The College of Liberal Arts and Sciences Title: Did Trump's Victory Affect the Type of Candidate in 2018? Director: Richard Herrera – The College of Liberal Arts and Sciences

Allison Marie Maguire

Major: Marketing — W. P. Carey School of Business Title: The Economic Impact of Social Media in Sports Director: John Eaton – W. P. Carey School of Business

Aysha Mahmud

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: The Art of Healing Director: Melissa M Button – Herberger Institute for Design and the Arts

Ntombizodwa Makuyana

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Title: Human Papillomavirus (HPV) specific immune responses as biomarkers for the early detection of cervical cancer Director: Karen Anderson – Biodesign Institute

Marcus Maldonado

Major: Finance —

W. P. Carey School of Business Title: How to Make a Profitable Podcast Director: Debra Radway – W. P. Carey School of Business

Joseph Mamola

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Myxoma Virus as a Vector to Kill Cancer Cells in Multiple Myeloma and Acute Myeloid Leukemia Director: Grant McFadden – Biodesign Institute

Mary Rachel Mani

Major: Anthropology — The College of Liberal Arts and Sciences Second Major: Forensic Science — New College of Interdisciplinary Arts and Sciences Title: Quantitative Methods of Measuring Sexual Dimorphism in Sub-Adult Crania Director: Anthony Falsetti – New College of Interdisciplinary Arts and Sciences

Kunal Lalit Mansukhani

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: Operation Toothbrush: Understanding Pediatric Dentistry in Low Income Communities Director: Abby Loebenberg – Barrett, The Honors College*

Noah R. Mantz

Major: Economics — W. P. Carey School of Business Title: Hate in America and Across the Pond: an Analysis of Emerging Differences in Free Speech Rights Between Two Western Societies Director: Michael Stanford – Barrett, The Honors College

Nicolas Robert March

Major: Political Science — The College of Liberal Arts and Sciences Title: Russian Grand Strategy in the Middle East: Putin's Power Play in Turkey, Iran, and Syria Director: Charles Drummond – The College of Liberal Arts and Sciences

Karim Mardambek

Major: Civil Engineering — Ira A. Fulton Schools of Engineering Title: The effects of UV-treated plastic reinforcement in cement-based materials Director: Christian Hoover – Ira A. Fulton Schools of Engineering

Madi Margolis

Major: English (Literature) — The College of Liberal Arts and Sciences Title: Cyborg Feminism: Ambiguity and Hybridity of the Female Cyborg Director: Aviva Dove-Viebahn – The College of Liberal Arts and Sciences

Brenley P. Markowitz

Major: Global Studies — The College of Liberal Arts and Sciences Title: Beyond Numbers: Assessing the Impact of RISE Tutoring on the Phoenix Refugee Community through Video Documentation Director: Barbara Klimek – Watts College of Public Service and Community Solutions

Chance William Marostica

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Development and Implementation of Sustainable and Strategic Non-profit Business Planning for the Student-Run Clinic, Refugee Education and Clinic Team Director: Lara Ferry – The College of Liberal Arts and Sciences

Carolina Marques de Mesquita

Major: Political Science — The College of Liberal Arts and Sciences Second Major: English (Literature) — The College of Liberal Arts and Sciences *Title: Indigenous Advocacy and Gender Mainstreaming: Challenges and Recommendations for WPS Practitioners Director: K. Tsianina Lomawaima – The College of Liberal Arts and Sciences*

Dwayne Jeffery Eleuterio Martin-Gomez Major: Global Health —

The College of Liberal Arts and Sciences Title: Social Support and Physical Activity in Latino Adolescents with Prediabetes and Obesity Director: Gabriel Shaibi – Edson College of Nursing and Health Innovation

Mary Caitlin Martin

Major: Business Entrepreneurship — W. P. Carey School of Business Title: Give Back Phoenix: A Special Event to Showcase and Celebrate Non-Profit Organizations Director: Wendy Hultsman – Watts College of Public Service and Community Solutions

Natalie Martinez

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: The Effects of Macro and Microaggressions on Non-Targeted Individuals Director: Carlos Velez-Ibanez – The College of Liberal Arts and Sciences*

Emilie Masella

Major: Marketing — W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: Authenticating Art: The Process, Valuation, and Importance of Artworks Director: Peter Schmidt – Barrett, The Honors College

Skylar Mason

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Arizona Service Animals: Raising Awareness of Statewide Laws and Practices Director: Kristin Gilger – Walter Cronkite School of Journalism and Mass Communication

Alexandria Massey

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Algal Fuels: A Future Less Green than the Plant Director: Nathan Parker – Julie Ann Wrigley Global Institute of Sustainability

Nicolle Elise Mathews

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Honey, I Forgot the Milk: An Alexa Shopping Assistant Director: Ryan Meuth – Ira A. Fulton Schools of Engineering

Lawrence Theodore Mazzei Matiski Major: Biochemistry –

The College of Liberal Arts and Sciences Title: Strategies to enhance RNA-origami-based immunotherapeutics for an induction of long-term tumor regression Director: Yung Chang – Biodesign Institute

Daniel John Matloff

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Characterization of an Optimal Binding Frequency for a Glutaraldehyde Based Point of Care Glucose Sensor Director: Jeffrey LaBelle – Ira A. Fulton Schools of Engineering

Ronae Matriano

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Second Major: Asian Pacific American Studies — The College of Liberal Arts and Sciences *Title: The Relationship Between the Model Minority Myth and Critical Consciousness Director: Brandon Yoo – The College of Liberal Arts and Sciences*

Clive Matsika

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: An investigation to find the most appropriate organogel serving as a lithium ion battery separator for stretchable electronics Director: Hanqing Jiang – Ira A. Fulton Schools of Engineering

Samantha Tania Matta

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Cultural Perceptions of Leisure and Well-being in Rock Climbing Communities of Peru and Arizona Director: Wendy Hultsman – Watts College of Public Service and Community Solutions

Yassine Ahmad Mazboudi

Major: Actuarial Science — The College of Liberal Arts and Sciences Second Major: Economics — The College of Liberal Arts and Sciences

Title: Defending Against Adversarial Attacks: Moving Target Defense as a Framework Director: Yezhou Yang – Ira A. Fulton Schools of Engineering

Annie Lisa Mazzarella

Major: English (Literature) — The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences *Title: The Divine Feminine: An Examination and Intersectional Re-Canonization of Twentieth Century Feminist Literature Director: Rebecca Soares – Barrett, The Honors College*

CiCi McAllister

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: New Wave Objectivity and the Future of Journalistic Values Director: Mark Hass – Walter Cronkite School of Journalism and Mass Communication

Cameron William McAllister

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Mass Transfer Phenomena for Novel Carbon Dioxide Adsorbents in Biocompatible Media Director: David Nielsen – Ira A. Fulton Schools of Engineering

Kaylyn Marie McAnally

Major: Kinesiology — College of Health Solutions Title: An Evidence-Based Resource for Faculty Addressing Non-Course-Specific Student Needs Director: Jack Chisum – College of Health Solutions

Jake T. McAuliff

Major: Psychology — The College of Liberal Arts and Sciences Title: The Disconnect: Why Americans Love Some Animals but Eat Others Director: Lisa Barca – Barrett, The Honors College

Kyle McCall

Major: Finance — W. P. Carey School of Business Second Major: Economics — W. P. Carey School of Business Title: 5G Networking - Pricing Analysis Director: Mark Simonson – W. P. Carey School of Business

Jennifer Marie McCluskey

Major: Kinesiology — College of Health Solutions Title: Perspectives and Physiological Implications of Vaping as Compared to Other Carcinogens Director: Tonya Penkrot – College of Integrative Sciences and Arts

Blaine R. McCormick

Major: Sports Journalism — Walter Cronkite School of Journalism and Mass Communication Title: Courts of Cultures Director: Brett Kurland – Walter Cronkite School of Journalism and Mass Communication

Walker McCrae

Major: Business Data Analytics — W. P. Carey School of Business Second Major: Business (Sports Business) — W. P. Carey School of Business *Title: Becoming Sparky Director: Mary Ingram-Waters – Barrett, The Honors College* Tessa McDaniel

Major: International Letters and Cultures

(Classics) — The College of Liberal Arts and Sciences Second Major: French —

The College of Liberal Arts and Sciences Title: Letters of Conflict and Commerce Director: Benjamin Sullivan – The College of Liberal Arts and Sciences

Kathryn Lynne Mcdermot

Major: Film (Film and Media Production) — Herberger Institute for Design and the Arts Title: Agency, Power, and Sexuality: A Study on Queer Representation in "Orange is the New Black" Director: April Miller – Barrett, The Honors College

Brianna McGuffin

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Perceptual Modulation of the Somatosensory System During Speech Planning Director: Ayoub Daliri – College of Health Solutions

Ryan McGuire

Major: Psychology — The College of Liberal Arts and Sciences Title: The Use of Biophilic Design to Enhance the Student Experience Director: Sonja Bochart – The College of Liberal Arts and Sciences

Megan McHolland

Major: Design Studies (Design Management) — Herberger Institute for Design and the Arts Title: Color in Film: An Analysis of Color Symbolism and Production Design in Motion Pictures Director: Eliciana Nascimento – Herberger Institute for Design and the Arts

Matthew James McVeety

Major: Criminology and Criminal Justice — Watts College of Public Service and Community Solutions

Second Major: Public Service and Public Policy (Law and Policy) — Watts College of Public Service and Community Solutions Title: Literature Review: Police and the Mentally Ill Director: Henry Fradella – Watts College of Public Service and Community Solutions

Aaron McWatt

Major: Finance — W. P. Carey School of Business Title: Benefits of Adopting NBA Cap Model in EPL Director: Brian Goegan – W. P. Carey School of Business

Grayson Michael Meadows

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Practicing Hindemith: The Benefits of Keeping a Practice Journal Director: Nilanjana Bhattacharjya – Barrett, The Honors College

Tyler William Mebane

Major: Aerospace Engineering (Aeronautics)

 Ira A. Fulton Schools of Engineering Title: The Story Behind Ultimate Frisbee: A Subculture Exploration Director: Sharon Crook – The College of Liberal Arts and Sciences

Camille Nicole Medeiros

Major: Architectural Studies — Herberger Institute for Design and the Arts Title: Physical Interference Director: Marc Neveu – The College of Liberal Arts and Sciences

Pashmi Mehta

Major: Management — W. P. Carey School of Business Second Major: Business (Sustainability) — W. P. Carey School of Business Title: An Analysis of the Impact of Female Leadership on Corporate Social Responsibility Director: Christine Shropshire – W. P. Carey School of Business

Loliya Memberr

Major: Economics — The College of Liberal Arts and Sciences Title: Driving Diversity to Wall Street Director: Cara McDaniel – W. P. Carey School of Business

Lydia Marie Mendoza

Major: Molecular Biosciences and Biotechnology — The College of Liberal Arts and Sciences Title: Surveillance of Influenza Virus on the Arizona State University Campus Director: Matthew Scotch – College of Health Solutions

Alana Celeste Meraz

Major: Business (Sports Business) — W. P. Carey School of Business Title: Football Club Barcelona: A case study of their crisis communication plan in the wake of the Catalan Independence Movement Director: Jeffrey Kassing – New College of Interdisciplinary Arts and Sciences

Matthew Connor Merkle

Major: Economics -

W. P. Carey School of Business Title: Aging Population and Education Finance Under Endogenous Migration Director: William Foster – W. P. Carey School of Business

Alexa Meyer

Major: Computer Information Systems — W. P. Carey School of Business Title: A Wider Solution for Training and Teaching ERP Systems Director: Matthew Sopha – W. P. Carey School of Business

Allison Hope Meyer

Major: Engineering Management — Ira A. Fulton Schools of Engineering Title: Habit Tracking - Is It Making You "Healthier"? Director: Simin Levinson – College of Health Solutions

Emily Camille Meyer

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Associations Between Sedentary and More Active Behaviors and Cardiometabolic Risk Amongst Sedentary Working Adults Director: Matthew Buman – College of Health Solutions

Lena Christine Meyer

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: 桜のパイキング: Exploring the Intersection of Medieval European and Japanese Culture Through Chainmail Director: Wanesia Misquadace – Herberger Institute for Design and the Arts

Edward Lujan Meza, Jr.

Major: Computer Systems Engineering — Ira A. Fulton Schools of Engineering Title: An Analysis of Student Major Choice at ASU in Computer Science, Computer Systems Engineering and Software Engineering Director: Ryan Meuth – Ira A. Fulton Schools of Engineering

Vivian Mariza Meza

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: From Medicine Men to Sunday Service: Christianity in Native American Communities Director: Venita Hawthorne James – Walter Cronkite School of Journalism and Mass Communication

Karsten Raye Mickelsen

Major: Marketing — W. P. Carey School of Business Title: K - a model of couture resale fashion Director: Nancy Gray – W. P. Carey School of Business

Jessica Micksch

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering *Title: Exploring the Factors of Food Waste Director: Rhian Stotts – The College of Liberal Arts and Sciences*

Corey Miles

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Improving Offset Electrospinning for the Tendon-Bone Junction Director: Julianne Holloway – Ira A. Fulton Schools of Engineering

Paul Millea

Major: Innovation in Society — School for the Future of Innovation in Society Second Major: Sustainability – School of Sustainability Title: Beyond the Wall of Sound: Cosmic Horror and New Technologies Director: Andrew Maynard – School for the Future of Innovation in Society

Cole Ryan Miller

Major: Finance — W. P. Carey School of Business Title: Foreign Construction Risk Mitigation Director: Mark Simonson – W. P. Carey School of Business

Jenna Miller

Major: Accountancy — W. P. Carey School of Business Title: Cookies4Change Director: Mary Feeney – Watts College of Public Service and Community Solutions

Kayla Camille Miller

Major: Special Education and Elementary Education — Mary Lou Fulton Teachers College Title: Best Strategies to form Purposeful Teacher-Student Relationships Director: Juliet Hart Barnett – Mary Lou Fulton Teachers College

Stephanie C. Miller

Major: Psychology (Psychological Science) — The College of Liberal Arts and Sciences Title: An Examination of Opioid Use and Chronic Pain in Veterans with Alcohol Use Disorder Director: Nicole Roberts – New College of Interdisciplinary Arts and Sciences

Vincent Miller

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Designing Algorithms for the Construction of Locating Arrays Director: Violet Syrotiuk – Ira A. Fulton Schools of Engineering

Henrielle Millon

Major: Marketing — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business Title: Becoming Sparky: A Preview of Being Arizona State's Mascot, Sparky the Sun Devil Director: Mary Ingram-Waters – Barrett, The Honors College

Gabrielle C. Mills

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Development of a patient-specific zebrafish model for anti-epileptic drug discovery in human epileptic encephalopathy Director: Vikram Kodibagkar – Ira A. Fulton Schools of Engineering

Tom Milroy

Major: Marketing —
W. P. Carey School of Business
Second Major: Supply Chain Management
— W. P. Carey School of Business
Title: Brand Portfolio Management Strategy: The Sources of Brand Dilution and Risk Mitigation Strategies Used in the Golf Equipment Industry
Director: Detra Montoya – W. P. Carey School of Business

Zoe Mirviss

Major: Business (Communication) — W. P. Carey School of Business Title: Attraction in Dating Apps: Does Motive Play a Role? Director: Stefan Ruediger – W. P. Carey School of Business

Alejandra Miss Ozuna

Major: Psychology — The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences Title: A Tribute to the Women Among Us Director: Claudia Mesch – Herberger Institute for Design and the Arts

Jordan Taylor Mitchell

Major: Biological Sciences — The College of Liberal Arts and Sciences Second Major: Global Health — The College of Liberal Arts and Sciences Third Major: Psychology — The College of Liberal Arts and Sciences Title: Reefer Madness: An Introduction to Cannabis Director: Katherine Hinde – The College of Liberal Arts and Sciences

Michaela Mitchell

Major: Kinesiology — College of Health Solutions Title: Effects of Aerobic Exercise on Cognition in Adults 3 Months or More Post-Stroke: A Meta-Analysis Director: Simon Holzapfel – College of Health Solutions

Anders Jacob Moen

Major: Political Science — New College of Interdisciplinary Arts and Sciences Title: Social Media and Revolution: A Study of the Arab Spring Director: William Ackroyd – New College of Interdisciplinary Arts and Sciences

Claire Moen

Major: Biology — New College of Interdisciplinary Arts and Sciences Second Major: Psychology — New College of Interdisciplinary Arts and Sciences *Title: Black Widows on an Urban Heat Island: Understanding physiological responses to global change Director: Jennifer Hackney Price – New College* of Interdisciplinary Arts and Sciences

Grant Anthony Moen

Major: Biology — New College of Interdisciplinary Arts and Sciences Title: Synthesis of Bexarotene Analogs for the Treatment of Breast Cancer Director: Carl Wagner – The College of Liberal Arts and Sciences

Brennan Charles Tario Mohr

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Design and Fabrication of a Low-Cost Gripper for a Swarm Robotic Platform Director: Spring Berman – Ira A. Fulton Schools of Engineering

Sydney Alexandra Molenaar

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: A Pilot, Longitudinal Study of the Effect of a High Fat Diet Compared to a Chow Diet on the Energy Gap Between Energy Intake and Energy Expenditure Director: Richard Herman – The College of Liberal Arts and Sciences

Demi Alejandra Monroy

Major: Finance -

W. P. Carey School of Business Title: Walmart: Market Analysis Director: John Eaton – W. P. Carey School of Business

Sean Jacob Montijo

Major: Political Science -

The College of Liberal Arts and Sciences Title: Compulsory Voting in the United States Director: Avital Simhony – The College of Liberal Arts and Sciences

Samantha Mooney

Major: Justice Studies -

The College of Liberal Arts and Sciences Title: The case for inclusion: Why employers should prioritize creating an inclusive workplace and an in depth analysis of one company's best practices Director: Jacqueline Smith – Watts College of Public Service and Community Solutions

Alexis Moore

Major: Interdisciplinary Studies — College of Integrative Sciences and Arts *Title: Digital Lover, A Thesis Director: Eliciana Nascimento – Herberger Institute for Design and the Arts*

Rachael Edda Moore

Major: Elementary Education (Bilingual Education/English as a Second Language) — Mary Lou Fulton Teachers College Title: Continue to Teach: Compiling Virtual Resources to Combat Teacher Attrition Director: Teresa Panneton – Mary Lou Fulton Teachers College

Randolph Lee Moore

Major: Engineering (Electrical Systems) — Ira A. Fulton Schools of Engineering Title: Pulse: Content Aggregator Website for Hardcore eSports Fans Director: Kathryn Eaton – W. P. Carey School of Business

Rex Moore

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Elution Profile of Caspofungin from Antifungal Loaded Bone Cement Director: Brent Vernon – Ira A. Fulton Schools of Engineering

Jessica Lynne Moorman

Major: Business Entrepreneurship — W. P. Carey School of Business Second Major: Marketing (Digital and Integrated Marketing Communications) — W. P. Carey School of Business Title: Why People React Negatively to Updates in Logo Design Director: Nancy Gray – W. P. Carey School of Business

Sarah Elizabeth Moran

Major: Industrial Engineering — Ira A. Fulton Schools of Engineering Title: Motorcycle Safety: A Study of Factors Contributing to Rider Fatality and an Exploration of Potential Mitigation Techniques Director: Sara Khoeini – Ira A. Fulton Schools of Engineering

Mikayla Morehead

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Second Major: Political Science —

The College of Liberal Arts and Sciences Title: Analysis of the usage of Facebook Lives in the Phoenix newsrooms. Director: Monica Chadha – Walter Cronkite School of Journalism and Mass Communication

Jacqueline Lara Moreno

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Links between dietary self-medication, personalized nutrition, and sexually selected plumage coloration in a songbird Director: Kevin McGraw – The College of Liberal Arts and Sciences

William Jacob Morey

Major: Finance – W. P. Carey School of Business Second Major: Business Data Analytics – W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

Gergey Mousa

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Second Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Evaluation of a Novel HDACi-Loaded Nanoparticle Therapy for the Treatment of Traumatic Brian Injury Director: Sarah Stabenfeldt – Ira A. Fulton Schools of Engineering

Adriana Allyssa Moya

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: In Vitro Osteogenic Study of hMSCs Under Diabetic Conditions Director: Julianne Holloway – Ira A. Fulton Schools of Engineering

Lincoln Mutemeri

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Analyzing the economic value of implementing a hydrometallurgical method of extracting copper in Zimbabwe Director: Gregory Raupp – Ira A. Fulton Schools of Engineering

Gwendolyn Mucino Martinez

Major: English (Literature) — The College of Liberal Arts and Sciences *Title: Avalon Director: Stacey Moran – Herberger Institute* for Design and the Arts

Jaime Audrey Muldrew

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication *Title: Borderland Coverage and The Challenges*

Immigration Reporters Endure Director: Andres Martinez – Walter Cronkite School of Journalism and Mass Communication

Celso Assiz Mundo Sayas

Major: Applied Mathematics — College of Integrative Sciences and Arts *Title: Dreams On Hold Director: Eric Oberle – College of Integrative Sciences and Arts*

Kevin Murphy Major: Finance — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Third Major: Supply Chain Management — W. P. Carey School of Business Title: Youth Development and Engagement Through Competitive eSports Director: Christopher Neck – W. P. Carey School of Business Sierra Nicole Murphy

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Second Major: Chemistry — The College of Liberal Arts and Sciences Third Major: Mathematics — The College of Liberal Arts and Sciences Title: Cancer Type Specific FrAmeShift (FAST) Vaccine: Effectiveness of a Breast Cancer RNA-based Vaccine in the 4T1 Mouse Model Director: Stephen Johnston – Biodesign Institute

Sarah Anne Murray

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Chaos, Control, and Disgust: Emotional Knowledges of Menstrual Products Director: Abby Loebenberg – Barrett, The Honors College

Cristina Lizbeth Musch-Hernandez

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Hispanic Barriers in the Health Field in the Phoenix Metropolitan Area Director: Jesus Rosales – The College of Liberal Arts and Sciences

Claire Myers

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Third Major: Business Entrepreneurship — W. P. Carey School of Business Title: The Business Behind Fitness Trends: Industry Cycling

Director: Rhett Trujillo – W. P. Carey School of Business

Julia Blair Nakhleh

Major: Computer Science — Ira A. Fulton Schools of Engineering Second Major: Spanish — The College of Liberal Arts and Sciences Title: An Approach to Generalized Planning using Deep Neural Networks Director: Sid Srivastava – Ira A. Fulton Schools of Engineering

Akshay Nalla

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Development of nanoenzymes from 2D molybdenum disulfide for optical detection of neurotransmitters Director: Qing Hua Wang – Ira A. Fulton Schools of Engineering

Karina Navarrete

Major: Speech and Hearing Science — College of Health Solutions *Title: Auditory Perception Learning Rate Director: Ayoub Daliri – College of Health Solutions*

Tristan Neal

Major: Biological Sciences

(Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Evaluating the Efficacy of Repurposed Drugs in Treatment of Glioblastoma Director: Melissa Wilson Sayres – The College of Liberal Arts and Sciences

Jordan Tanner Neel

Major: Digital Culture (Film) — Herberger Institute for Design and the Arts Title: ECOAcoustic VR Experience Director: Robert LiKamWa – Herberger Institute for Design and the Arts

Alexis Nelson

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Toxin Level Analysis in Dogs Envenomated by Pit Vipers in Arizona Director: Dale DeNardo – The College of Liberal Arts and Sciences

Andrew Frederick Nelson

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Improved Time-Lapse Visualization of Microglia using Miniature Fluorescent Microscope (Miniscope) Imaging Director: Sarah Stabenfeldt – Ira A. Fulton Schools of Engineering

Jade Nelson

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: An Analysis of Electronic Work Instructions on an Assembly Floor Director: Jerry Coursen – Ira A. Fulton Schools of Engineering

Phoebe Quynh Newell

Major: Molecular Biosciences and Biotechnology — The College of Liberal Arts and Sciences Title: Optimization of the Toxin MazF as a Counter-Selection Marker in the Cyanobacterium Synechocystis sp. PCC 6803 Director: Wim Vermaas – The College of Liberal Arts and Sciences Natalie Nicole Newton Major: Biological Sciences (Neurobiology, Physiology and Behavior) The College of Liberal Arts and Sciences Second Major: Art (Drawing) -Herberger Institute for Design and the Arts Title: Experience-determined seed preference in Pogonomyrmex californicus Director: Jennifer Fewell - The College of Liberal Arts and Sciences Courtney Taylor Ngai Major: Computer Science -Ira A. Fulton Schools of Engineering Title: Immersion of Choice - Interconnecting the theory of Computer Science/fundamentals of a web application and the elements of dance improvisation Director: Melissa Britt - Herberger Institute for Design and the Arts Andrew Hoang Nguyen Major: Computer Science -Ira A. Fulton Schools of Engineering Title: A Study on Resources Utilization of Deep Learning Workloads Director: Ming Zhao - Ira A. Fulton Schools of Engineering Keana Nguyen Major: Biological Sciences (Biomedical Sciences) -The College of Liberal Arts and Sciences Title: Phylogenetic Analysis of Spirotrichonymphid Protists (phylum Parabasalia) from Elongation Factor 1-alpha Director: Gillian Gile – The College of Liberal Arts and Sciences

Toan Thai Nguyen

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: The Effect of Ovarian Hormonal Status on SHTB Receptor Modulation of Cocaine Self-Administration Director: Janet Neisewander – The College of Liberal Arts and Sciences

Alpha Ngwenya

Major: Business Data Analytics — W. P. Carey School of Business Second Major: Economics — W. P. Carey School of Business Title: Evaluating the effectiveness of nonlinear pricing in the breakfast cereal industry Director: Daniel Silverman – W. P. Carey School of Business

Ryan Nicely

Major: Physics — The College of Liberal Arts and Sciences Second Major: Mathematics — The College of Liberal Arts and Sciences Title: Electrodynamic Ion Trap Creation Director: Richard Kirian – The College of Liberal Arts and Sciences

Jeffrey Nightingale

Major: Psychology — New College of Interdisciplinary Arts and Sciences Title: PTSD Onset Susceptibility as a Function of Perceived Self-Efficacy and Resilience Director: Steven Holloway – New College of Interdisciplinary Arts and Sciences

Robert A. Nilles

Major: Finance — W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

John Nkuutu

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Synthesis and Characterization of 2D Metal Organic Frameworks for Mixed-matrix Membrane Separation Director: Bin Mu – Ira A. Fulton Schools of Engineering

Grace Elizabeth Nossaman

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Underwater Communication for Scuba Diving Purposes Director: Christ Richmond – Ira A. Fulton Schools of Engineering

Luis Fernando Novelo

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: An Analysis of Experimental Stem Cell Treatment in Mexico Director: Emma Frow – School for the Future of Innovation in Society

Rachel Elisabeth Noziglia

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: MisophoniAPP: A Website for Treating Misophonia Director: Troy McDaniel – Ira A. Fulton Schools of Engineering

Emily Rose Nugent

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Characterization of Glass Beads: Flowability and Angle of Repose Director: Heather Emady – Ira A. Fulton Schools of Engineering

Martha Ann Oberg

Major: Kinesiology — College of Health Solutions Title: The Cardiovascular Effects of Meditative Yoga Compared to Power Yoga Director: Nicole Nolan – College of Health Solutions

Jack M. Oberhaus

Major: Biological Sciences (Biology and Society) — The College of Liberal Arts and Sciences Title: Mediums and Messengers: Technological Misunderstandings in Politics Director: James Hurlbut – The College of Liberal Arts and Sciences

Taryn Reilly O'Boyle

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Optimizing the Production of Algal Bio-Hydrogen Director: Kevin Redding – The College of Liberal Arts and Sciences

Shannon O'Brien

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Exploring Expression Patterns and Tissue Specific Roles of DGC Director: Marco Mangone – Biodesign Institute

Ahmad Osameh Odeh

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Investigating Type II Inhibitor effects in the Heliobacterial Reaction Center Director: Kevin Redding – The College of Liberal Arts and Sciences

Shana Ofori

Major: Health Sciences (Pre-Professional) — College of Health Solutions Title: Stress, Race & Pregnancy: A Health Disparity Director: Swapna Reddy – College of Health Solutions

Kira Olsen-Medina

Major: Sociology — The College of Liberal Arts and Sciences Title: Civic Engagement through Art: Cross culture examination of mural projects as a service-learning intervention targeting youth Director: Stacie Foster – The College of Liberal Arts and Sciences

Jessica Lindsey O'Malley

Major: Business Data Analytics – W. P. Carey School of Business

Second Major: Business (Sustainability) — W. P. Carey School of Business Title: Impact & Feasibility of Pedestrianization of Mill Ave & Downtown Tempe Director: David King – The College of Liberal Arts and Sciences

Madison Courtney Ong Major: Marketing —

Major. Marketing —
W. P. Carey School of Business
Second Major: Supply Chain Management
— W. P. Carey School of Business
Title: Celebrities vs. Instagram Influencers:
Who Influences Consumers More Effectively?
Director: Monika Lisjak – W. P. Carey School of Business

Stephen Charles Ontiveros

Major: Sports Journalism — Walter Cronkite School of Journalism and Mass Communication Title: Social Media in Baseball Director: Douglas Anderson – Walter Cronkite School of Journalism and Mass Communication

Keri Lynn Orcutt

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Pursuing Peace: A Travel Blog Exploring The Banana Pancake Trail Director: Burton Silcock – Walter Cronkite School of Journalism and Mass Communication

Timothy Kevin Otis

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Expanding Science Experiments to Incorporate Engineering Curriculum for College Ready Students with Nontraditional Backgrounds Director: Tirupalavanam Ganesh – Ira A. Fulton Schools of Engineering

Krystina Owens

Major: Film (Film and Media Production) — Herberger Institute for Design and the Arts *Title: The Author's Daughter: Series Concept and Pilot Pitch Director: Gregory Maday – Herberger Institute*

for Design and the Arts

Daniella Ozair

Major: Graphic Design — Herberger Institute for Design and the Arts *Title: Pysche's Education Through Exploration:* A Campaign to Bring Awareness to Elementary School Aged Children Director: Al Sanft – Herberger Institute for Design and the Arts

Bryan Christopher Padilla

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Underwater Communications for Scuba Diving Applications Director: Christ Richmond – Ira A. Fulton Schools of Engineering

Jack William Paisley

Major: Business (Law) — W. P. Carey School of Business Title: Leagle: An Innovative Case Management Software Business Plan Director: Lora Koretz – W. P. Carey School of Business

Seth Palermo

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Fighter Helper: Using Machine Learning to Teach Advanced Fighting Game Techniques Director: Donald Marinelli – Herberger Institute for Design and the Arts Matthew Pandelakis

Major: Molecular Biosciences and Biotechnology — The College of Liberal Arts and Sciences Title: CRISPR Based Synthetic Transcription Factors: The Future of Transcriptional Therapeutics Director: Mohammad Ebrahimkhani – Ira A. Fulton Schools of Engineering

Raveer Pandya

Major: Finance — W. P. Carey School of Business Title: Uncertainty of Financial Markets and its Effect on the U.S. Economy Director: Brian Sadusky – W.P. Carey School of Business

Aamir S. Patel

Major: Microbiology (Medical Microbiology) — The College of Liberal Arts and Sciences Second Major: Biochemistry — The College of Liberal Arts and Sciences *Title: Effect of Pesticide and Maturation on the Honeybee (Apis mellifera) blood-brain barrier Director: Gro Amdam – The College of Liberal Arts and Sciences*

Ekta Patel

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Traditional Gujarati Recipes from my Grandmother's Home Kitchen Director: Sarah Graff – Barrett, The Honors College

Tanvi Patel

Major: Sustainability — School of Sustainability Second Major: Supply Chain Management — W. P. Carey School of Business Title: Business Proposal for Adopting Circular Packaging: Using Packaging that is Recyclable, Compostable, Reusable, or Made of Recycled Materials Director: Kevin Dooley – W. P. Carey School of Business

Tejal Patel

Major: Accountancy — W. P. Carey School of Business Title: A Case Study on Prominent Suits Against Auditors Following the Financial Crisis of 2008 Director: Phillip Lamoreaux – W. P. Carey School of Business

John Patterson

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Waveform Generator for Vagus Nerve Stimulation System Director: Michael Kozicki – Ira A. Fulton Schools of Engineering Major: Biochemistry — The College of Liberal Arts and Sciences Title: It's More Than Music to Us: How the Music Festival Industry Can Better Approach its Market Audience Director: Nancy Gray – W. P. Carey School of Business

Austen Pearce

Major: Supply Chain Management — W. P. Carey School of Business
Second Major: Business Entrepreneurship — W. P. Carey School of Business
Title: A Look into the Mediterranean Diet and How it Can Lead to Personal, Social, and Environmental Benefits
Director: Juliann Vitullo – The College of Liberal Arts and Sciences

Autumn Peck

Major: Kinesiology — College of Health Solutions Title: A Cost & Nutritional Evaluation of On-Campus Dining Options Director: Jeffrey Kingsbury – College of Integrative Sciences and Arts

Kiran Pendyala

Major: Mathematics (Statistics) — The College of Liberal Arts and Sciences Title: Analysis of Santa Monica Water Usage Data for Water Conservation Director: Margaret Garcia – Ira A. Fulton Schools of Engineering

Amanda Jean Pennington

Major: Speech and Hearing Science — College of Health Solutions Title: How Severity of OMD influences tongue constriction and multiple swallows Director: Juliet Weinhold – College of Health Solutions

Nicole Ellen Youzhi Penrose

Major: Biological Sciences — The College of Liberal Arts and Sciences Second Major: Global Health — The College of Liberal Arts and Sciences *Title: Research and Design of an Epilepsy Clinic for Underserved Communities in Developing Countries Director: Olivier Vallerand – Herberger Institute for Design and the Arts*

Sarahi Perez Lustre

Major: Speech and Hearing Science — College of Health Solutions Title: The Effect of Spectral Resolution of Auditory Feedback on Speech Production of Normal-hearing Listeners Director: Xin Luo – College of Health Solutions

Alyson Sierra Perkins

Major: Public Service and Public Policy (Law and Policy) — Watts College of Public Service and Community Solutions Title: Concentrating on Law School: Creating Law School Preparation Curriculum at ASU Director: Joanna Lucio – Watts College of Public Service and Community Solutions

Daniel Michael Perle

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication

Second Major: Political Science — The College of Liberal Arts and Sciences Title: The Failure of Islamism in the Middle East: Egypt, Morocco, Tunisia, and Sudan Director: Souad T. Ali – The College of Liberal Arts and Sciences

Achirin Peter

Major: Business (Business Administration) — W. P. Carey School of Business Title: Diaspora Alliance Development Fund Director: Alan Goldman – W. P. Carey School of Business

Amy Marie Petersburg

Major: Health Sciences (Pre-Professional) — College of Health Solutions Title: What's for Dinner? The Impact of Meal Plans and Availability on Student Food Choice Director: Jeffrey Kingsbury – College of Integrative Sciences and Arts

Charles Casper Petersen

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: A Leaders Dilemma: An Experiment of Motivation Director: Michael Baer – W. P. Carey School of Business

Andrew Jeffrey Jordan Peterson

Major: Supply Chain Management — W. P. Carey School of Business
Second Major: Business Data Analytics — W. P. Carey School of Business
Title: Consulting FedEx: An ePro Catalog Quality Improvement
Director: Todd Taylor – Thunderbird School of Global Management

Austin T. Peterson

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Using Machine Learning to Detect Propaganda Bots on Twitter Director: Yezhou Yang – W. P. Carey School of Business

Curtis Taylor Peterson

Major: Physics — The College of Liberal Arts and Sciences Second Major: Mathematics — The College of Liberal Arts and Sciences Title: Numerical Simulations of Heavy Quark Exotica Director: Richard Lebed – The College of Liberal Arts and Sciences

Keely Morgan Petitt

Major: Aeronautical Management Technology (Professional Flight) — Ira A. Fulton Schools of Engineering Title: Know Go: Developing A Pilot Training Application Director: Mary Niemczyk – Ira A. Fulton Schools of Engineering

Emily Ann Phillips

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences *Title: Electronic Medical Records: Suggestions for Improving Use Director: Jennifer Brian – Barrett, The Honors College*

Lovender Teresa Phiri

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: The Effects of Sex Chromosome Complement Aware Referencing on Varient Calling in Hepatocellular Carcinoma Director: Melissa Wilson – The College of Liberal Arts and Sciences

Nathanael David Pierce

Major: Philosophy — The College of Liberal Arts and Sciences Second Major: History — The College of Liberal Arts and Sciences *Title: Against Deflationality Arts and Sciences Director: Steven Reynolds – The College* of Liberal Arts and Sciences

Karolyn Pille

Major: Business Entrepreneurship — W. P. Carey School of Business Second Major: Marketing — W. P. Carey School of Business *Title: Walmart: Market Analysis Director: John Eaton – W. P. Carey School* of Business

Miles Jeffrey Piper

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Second Major: Mathematics — The College of Liberal Arts and Sciences *Title: AFM Imaging of Chromatin in Cancerous and Non-Cancerous Cells Director: Robert Ros – The College of Liberal Arts and Sciences*

Jasmine Plocher

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business *Title: Intel Collaborative Thesis Program*

Director: Mark Simonson – W. P. Carey School of Business

Alexis Faye Pluhar

Major: Microbiology — The College of Liberal Arts and Sciences Title: The Role Of Children's Literature In Correcting Ocean Plastic Pollution Director: Donald Fette – Barrett, The Honors College

Aditya Ponnapalli

Major: Biomedical Informatics — College of Health Solutions Title: Systematic Literature Review of Prescription Drug Monitoring Programs Director: Anita Murcko – College of Health Solutions

Savannah Shea Poore

Major: Finance — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Three Decades of Financial Crises: What is Really to Blame? Director: Lawrence Licon – W. P. Carey School of Business

Megan M. Porter

Major: Communication — The College of Liberal Arts and Sciences Title: An Examination of the Organizational Culture and Profitability of Disney World: The Unique Perspectives of Disney Interns Director: Renee Maday – College of Integrative Sciences and Arts

Michael Andrew Potts

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences *Title: Guatemala Alzheimer's Study Director: Jonathan Maupin – The College* of Liberal Arts and Sciences

Audrey Powell

Major: Industrial Design — Herberger Institute for Design and the Arts Second Major: Design Studies (Design Management) — Herberger Institute for Design and the Arts *Title: Bridge: Embracing the Elderly with Empathetic Design* Director: Dosun Shin – Herberger Institute for Design and the Arts

Emily Powell

Major: Sustainability — School of Sustainability Title: Achieving Zero: Building a Zero Waste Program for the Sprouts Farmers Market Headquarters Director: Shirley-Ann Behravesh – Julie Ann Wrigley Global Institute of Sustainability

Caroline Rose Purkey

Major: Health Sciences (Pre-Professional) — College of Health Solutions Title: Gender Disparities in the Healthcare Field Director: Michael Collins – College of Health Solutions

Nan Qiu

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Title: Mechanism of Iron-Intake in Escherichia Coli Director: Rajeev Misra – The College of Liberal Arts and Sciences

Sara Cristina Quinones

Major: Psychology — The College of Liberal Arts and Sciences

Second Major: Spanish — The College of Liberal Arts and Sciences Title: Effects of Phonotactic Probability during Early Novel Word Learning Director: Viridiana Benitez – The College of Liberal Arts and Sciences

.Elana Quint

Major: Civic and Economic Thought and Leadership — The College of Liberal Arts and Sciences Second Major: Philosophy (Morality, Politics and Law) — The College of Liberal Arts and Sciences *Title: Using Block's Distinction Between Phenomenal and Access Consciousnesss to Better Understand Cases in the Grey Zone Director: Karen Taliaferro – Sandra Day O'Connor College of Law*

Diana Citlic Quintero Pacheco

Major: Marketing -

 W. P. Carey School of Business
 Second Major: Spanish — The College of Liberal Arts and Sciences Title: Ocupadola: A Comparison of Perceptions and Marketing Appeals in Spain and the U.S. Director: Detra Montoya – W. P. Carey School of Business

Kaitlynn Rafidi

Major: Special Education and Elementary Education — Mary Lou Fulton Teachers College Title: Grow: A Sustainability Garden Club for Students Fourth through Sixth Grade Director: Eileen Merritt – Mary Lou Fulton Teachers College Kinley Ann Ragan Major: Biological Sciences (Conservation Biology and Ecology) -The College of Liberal Arts and Sciences Title: Human-Wildlife Conflict Management in a Rapidly Changing World Director: Michael Schoon - Julie Ann Wrigley Global Institute of Sustainability Ahnaf Fyaz Rahman Major: Biomedical Engineering -Ira A. Fulton Schools of Engineering Second Major: Liberal Studies -College of Integrative Sciences and Arts Third Major: Applied Quantitative Science - College of Integrative Sciences and Arts Title: Premedical Portfolio: a mobile application aimed to streamline the process of preparing for medical school applications Director: Mohamed Sarwat Abdelghany Aly Elsayed - Ira A. Fulton Schools of Engineering Shashank Rajani Major: Computer Information Systems -W. P. Carey School of Business Second Major: Business Data Analytics -W. P. Carey School of Business Title: A New Perspective on Homelessness Director: Donald Fette - Barrett, The Honors College

Bhavna Ramesh

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Dystopian Technologies and Social Anxieties in "Black Mirror" Director: April Miller – Barrett, The Honors College

Sanjana Ramesh

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Computer Information Systems — W. P. Carey School of Business Title: The Challenges of Digitally Transforming a Supply Chain Director: Eduardo Davila – W. P. Carey School of Business

Cecilia I. Ramey

Major: Graphic Design — Herberger Institute for Design and the Arts Title: ConflictED Visual Communication Thesis Director: Alfred Sanft – Herberger Institute for Design and the Arts

Joseph Wilfrido Ramos-Mata

Major: Criminology and Criminal Justice — Watts College of Public Service and Community Solutions Title: Looking into the FIRE: The Foundation for Individual Rights in Education Director: Jayn von Delden – Watts College of Public Service and Community Solutions

Sean Edward Randall

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: The Story Behind Ultimate Frisbee: A Subculture Exploration Director: Sharon Crook – The College of Liberal Arts and Sciences

Susanna Emilia Rantanen

Major: Global Health — The College of Liberal Arts and Sciences *Title: Phoenix's* 90-90-90 Plan: Is the City on Track to Meet its Goals? Director: Mitch Magee – Biodesign Institute

Matthew Owen Rapier

Major: Economics — W. P. Carey School of Business Title: Two Degrees Celsius: Creating Sustainability in the Beef Industry Director: Sarah Duerden – The College of Liberal Arts and Sciences

Kasandra Rascon

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Effects of Menthol on Weight Regain and Maintenance of Caloric Restriction Director: Richard Herman – The College of Liberal Arts and Sciences

Neil Kishore Rastogi

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Electro-selective fermentation of the algae Scenedesmus acutus for enhanced Lipid Extraction Director: Bruce Rittmann – Biodesign Institute

Kaitlyn Marie Rausch

Major: History -

The College of Liberal Arts and Sciences Second Major: Business (Sustainability) — W. P. Carey School of Business Title: A Promotion of Historical Efficacy: How 6 Overlooked Women Shaped the Course of History Through Their Individual Pursuits Director: Jonathan Barth – The College of Liberal Arts and Sciences

Markanday Ravi

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: The Influence of China's Confucian History and Culture on its Citizens' Acceptance of a Government-led Social Credit System Director: Braden Allenby – Ira A. Fulton Schools of Engineering

Ritika Lisa Ravi

Major: Economics — W. P. Carey School of Business Title: The Economic Impact of the Opiod Crisis in the United States Director: Brian Goegan – W. P. Carey School of Business

Ariel Rawls

Major: Justice Studies — The College of Liberal Arts and Sciences Title: Changing Conceptions of the Israel-Palestine Situation: An Analysis of the Effects of Study Abroad Director: Madelaine Adelman – The College of Liberal Arts and Sciences

Bailey John Raysik

Major: Finance — W. P. Carey School of Business Second Major: Accountancy — W. P. Carey School of Business Title: The Academic and University Brand Impact of College Football Director: Mary Ingram-Waters – Barrett, The Honors College

Justin Anthony Read

Major: Supply Chain Management — W. P. Carey School of Business Title: World Football: The Future of Sports Analytics Director: Antonios Printezis – W. P. Carey School of Business

Nihaal Reddy

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: MicroRNA Function and Roles in Splenocyte ST2 Expression via Cellular Transfection Director: Susan Holechek – The College of Liberal Arts and Sciences

Shelby Marie Reed

Major: Engineering (Robotics) — Ira A. Fulton Schools of Engineering Title: What's an Engineer Anyways? Director: Eric Oberle – College of Integrative Sciences and Arts

Cassandra Kay Rehwalt

Major: Speech and Hearing Science — College of Health Solutions Title: Interactions Between Prosody and Cognition During Sentence Comprehension: A Behavioral Study Director: Corianne Rogalsky – College of Health Solutions

Amber Reicks

Major: Marketing — W. P. Carey School of Business Title: The Methods of Meme-marketing by Modern Corporations Director: Amy Ostrom – W. P. Carey School of Business

Bailey Susana Reynolds

Major: Biological Sciences (Conservation Biology and Ecology) — The College of Liberal Arts and Sciences Title: Examining sound and urban-desert differences in the acoustic properties of Northern Mockingbird (Mimus polyglottus) calls as it relates to species survival Director: David Pearson – The College of Liberal Arts and Sciences

Cassandra Rose Rezac

Major: Business (Global Politics) — W. P. Carey School of Business Title: SALT Scores: Property Improvement of Digital Key and DCI Satisfaction Director: Robert Niebuhr – Barrett, The Honors College

Kelly Rice

Major: Design Studies -

Herberger Institute for Design and the Arts Title: The Green 16: A Targeted Assessment of Natural Building Opportunity in 16 US Cities Director: Scott Cloutier – Julie Ann Wrigley Global Institute of Sustainability

Nicholas Giovanni Richards

Major: Computer Systems Engineering — Ira A. Fulton Schools of Engineering Title: Data Management Behind Machine Learning Director: Phillip Miller – Ira A. Fulton Schools of Engineering

Nicole Paige Richards

Major: Biological Sciences — The College of Liberal Arts and Sciences Second Major: Neuroscience — The College of Liberal Arts and Sciences Title: Prognostic Indicators of Lower Limb Amputation Director: Denis Cortese – College of Health Solutions

Olivia Kathryn Richards

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Proactivity in Preventing Online Crises in the Social Media Age: How Workplace Diversity Shields Organizations from Self-Inflicted Crisis Director: Dawn Gilpin – Walter Cronkite School of Journalism and Mass Communication

Bari Dudley Richardson

Major: Business (Global Politics) — W. P. Carey School of Business Title: International Refugees in London, England: Post-Brexit Vote Director: Elizabeth Larson – The College of Liberal Arts and Sciences

JamieLee Richardson

Major: Kinesiology — College of Health Solutions Title: Improving Self-Esteem of Sex Trafficking Victims - Physical Activity Director: Megan Petrov – Edson College of Nursing and Health Innovation

Amberly Frances Ricks

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Optical Characterization of Silver-Doped Germanium-Chalcogenide Thin-Films Director: Yago Gonzalez Velo – Ira A. Fulton Schools of Engineering

Kylie Madison Ridley

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Protecting Amphibians From a Deadly Chytrid Fungus Using a Novel Technology Director: James Collins – The College of Liberal Arts and Sciences

Alexander Riese

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Examining the Feasibility of Using a Nanocrystalline Copper Alloy in Steam Generators of Small Nuclear Reactors Director: Patrick Phelan – Ira A. Fulton Schools of Engineering

Alex Gill Rimsza

Major: Business (Law) — W. P. Carey School of Business Title: Plea Bargains: A Hindrance on Justice? Director: Michael Stanford – Barrett, The Honors College

Daniel Justin Rivera

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Filtration Testing of Crosslinked Electro-spun PVA Membranes Director: Matthew Green – Ira A. Fulton Schools of Engineering

Jose Luis Rivera

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Development of an OpenSim Simulation to Identify Time and Force Magnitude Needed at Toe-Off Stage for an Assistive Force Ankle Device Director: Wenlong Zhang – Ira A. Fulton Schools of Engineering

Sean Cameron Roberton

Major: Accountancy — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business Title: The Financial and Overall Perception Impact of a Division 1 Football Team on an Accredited Public University Director: Mary Ingram-Waters – Barrett, The Honors College

Jenna Marie Robinson

Major: Earth and Space Exploration (Astrobiology and Biogeosciences) — The College of Liberal Arts and Sciences Second Major: French — The College of Liberal Arts and Sciences *Title: Characterizing Diurnal Density and Temperature Variations in the Martian Atmosphere Using Data/Model Comparisons Director: Steven Desch – The College of Liberal Arts and Sciences*

Rilee Jane Robinson

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication

Second Major: Political Science — The College of Liberal Arts and Sciences Title: How the Jodi Arias Trial was Influenced by the Media: A Case Study Director: Joseph Russomanno – Walter Cronkite School of Journalism and Mass Communication

Alondra Robles Rodriguez

Major: Biochemistry -

The College of Liberal Arts and Sciences Title: Targeting Adipose Tissue Inflammation in the Treatment of Type II Diabetes Director: Neal Woodbury – The College of Liberal Arts and Sciences

Sarah Rogers

Major: Aerospace Engineering (Astronautics) — Ira A. Fulton Schools of Engineering Title: Thermal Modeling of Signal Amplifiers for the Galactic and Extragalactic Ultra-Long-Duration Balloon-Borne Spectroscopic-Stratospheric Terahertz Observatory (GUSTO) Director: Christopher Groppi – The College of Liberal Arts and Sciences

Joshua Primero Roldan

Major: Computer Information Systems — W. P. Carey School of Business Title: The Roles of Criminal Justice Professionals: Reality vs. Portrayals in Movies and Television Shows Director: Claudine DeCarolis – Watts College of Public Service and Community Solutions

Michaela Jeanet Rolls

Major: Forensic Science — New College of Interdisciplinary Arts and Sciences *Title: Persistence of Pollen Evidence Director: Adriana Sartorio Cristaldo – The College of Liberal Arts and Sciences*

Joshua Harry Rosen

Major: Finance — W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: Motivation in the Work Place: Mind Games Director: Michael Baer – W. P. Carey School of Business

Rachel Hailey Rosenfeld

Major: Business (Sports Business) —
W. P. Carey School of Business
Second Major: Marketing —
W. P. Carey School of Business
Title: Perceptions of Luxary Brands in Warm vs. Cold Environments
Director: Monika Lisjak – W. P. Carey School of Business

Alexandra Ross

Major: Kinesiology — College of Health Solutions Title: The Effect of Exercise on Adaptive Behavior in Adults with Down Syndrome Director: Simon Holzapfel – College of Health Solutions

Tanner Rost

Major: Management — W. P. Carey School of Business Title: Analysis of Entrepreneurship Trends at South by Southwest 2019 Director: Rhett Trujillo – W. P. Carey School of Business

Winter Roth

Major: Biochemistry — The College of Liberal Arts and Sciences Second Major: Psychology — The College of Liberal Arts and Sciences Title: Child Cortisol as a Mediator between Early Maternal Stress and Childhood Pain Response

Director: Mary Davis – The College of Liberal Arts and Sciences

Cayla Roy

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Cross-Sectional Muscle Area of the Octopus Arm in Relation to Arm Preferences in Crawling Director: Rebecca Fisher – The College of Liberal Arts and Sciences

Kevin Thomas Roy

Major: Microbiology (Medical Microbiology) — The College of Liberal Arts and Sciences Title: Prochlorococcus marinus aggregate formation and TEP production under nutrient limited conditions Director: Susanne Neuer – The College of Liberal Arts and Sciences

Kelli Erika Rubino

Major: Psychology — The College of Liberal Arts and Sciences Title: Social Media Society: The Influence of Social Media Use and Expertise on Perceived Social Acceptance and Outspokenness Director: Kristin Mickelson – New College of Interdisciplinary Arts and Sciences

Natalie Shea Rudolph

Major: Special Education and Elementary Education — Mary Lou Fulton Teachers College Title: The Impact of Exercise/Movement throughout the Elementary School Day Director: Elizabeth Meloy – Barrett, The Honors College Major: Global Management — Thunderbird School of Global Management Second Major: Supply Chain Management — W. P. Carey School of Business Title: Digital Identity on a Blockchain Platform Director: Todd Taylor – Thunderbird School of Global Management

Anna Russell

Major: Interdisciplinary Studies — College of Integrative Sciences and Arts Title: Improvisation Within Organizations (Workshop) Director: Rebecca Soares – Barrett, The Honors College

Daniel William Yun Jin Rust

Major: Materials Science and Engineering — Ira A. Fulton Schools of Engineering Title: The Effects of 3D Printed Rocket Fuel Director: John Rajadas – Ira A. Fulton Schools of Engineering

Chloe Grace Miracle Rutledge

Major: Economics -

The College of Liberal Arts and Sciences Title: Phoenix as Refuge: a photographic exploration of refugees within the city Director: Henry Sivak – The College of Liberal Arts and Sciences

Raphael Lucas Saba

Major: Mathematics — The College of Liberal Arts and Sciences *Title: Applications of Machine Learning* to Animation and Computer Graphics for Optimized Real-Time Performance Director: Joseph Foy – Barrett, The Honors College

Sonia Sabrowsky

Major: Biochemistry — The College of Liberal Arts and Sciences Second Major: Psychology — The College of Liberal Arts and Sciences *Title: Home Base Initiative Director: Michael Mokwa – W. P. Carey School of Business*

Salem Lun Sai

Major: Computer Information Systems — W. P. Carey School of Business Second Major: Accountancy — W. P. Carey School of Business Third Major: Business Data Analytics — W. P. Carey School of Business Title: YouTube Video Bot Detection - A Deep Learning Based Framework Director: Victor Benjamin – W. P. Carey School of Business

Jakob Salazar

Major: Sociology — New College of Interdisciplinary Arts and Sciences *Title: Reframing Abortion: A Case for Its Legality Based On Medical Power of Attorney Director: Patricia Huntington – New College* of Interdisciplinary Arts and Sciences

Mason Salisbury

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Aiding Navigation to Avoid Flooding in Charleston, South Carolina Director: Janaka Balasooriya – Ira A. Fulton Schools of Engineering

Alec Sanchez

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences *Title: Role of Environment on E.coli Velocity Director: Steve Presse – The College of Liberal Arts and Sciences*

Alicia Rose Sandoval

Major: Forensic Science — New College of Interdisciplinary Arts and Sciences *Title: Observer #9 Director: Kimberly Kobojek – The College* of Liberal Arts and Sciences

Alyssa Ann Santa Cruz

Major: Psychology — The College of Liberal Arts and Sciences Title: All You See is the Dog: Attitudes Towards Non-Visible Disabilities and Service Dogs Director: Virginia Kwan – The College of Liberal Arts and Sciences

Ana Isabel Santaella

Major: Global Studies — The College of Liberal Arts and Sciences Second Major: Spanish — The College of Liberal Arts and Sciences *Title: Malaysian 2018 General Election: The start of a Democratic Transition? Director: Sarah Shair-Rosenfield – The College of Liberal Arts and Sciences*

Lunden Santana

Major: English — College of Integrative Sciences and Arts Title: Barrett Oral History Project: Polytechnic Campus Director: Eric Oberle – College of Integrative Sciences and Arts

Amy Santilli

Major: Civil Engineering — Ira A. Fulton Schools of Engineering Title: Motorcycle Safety: A Study of Factors Contributing to Rider Fatality and an Exploration of Potential Mitigation Techniques Director: Sara Khoeini – Ira A. Fulton Schools of Engineering

Emily Katherine Santora

Major: Global Health — The College of Liberal Arts and Sciences Title: Socioeconomic and Cultural Ideas of Endometriosis in Low and Middle-Income Countries: A Narrative Literature Review Director: Jane Maienschein – The College of Liberal Arts and Sciences

Awhona (Nina) Sanyal

Major: Psychology (Psychological Science) — The College of Liberal Arts and Sciences Title: Introspection and Certainty Training in Preschool Children Director: William Fabricius – The College of Liberal Arts and Sciences

Mary Elizabeth Saxon

Major: Global Health — The College of Liberal Arts and Sciences

Title: Individual Rights vs. the Public Good: How Do State Exemption Policies Impact Childhood Vaccination Rates? Director: Swapna Reddy – College of Health Solutions

Elora Jeanne Scamardo

Major: Political Science — The College of Liberal Arts and Sciences Title: How to Create a Narrative Poetry Collection: Feminism and Reflection Director: Henry Quintero – The College of Liberal Arts and Sciences

Braeden Scott Schaefer

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Design, expression, and purification of a recombinant fusion protein immunotherapy for glioblastoma Director: Tsafrir Mor – The College of Liberal Arts and Sciences

Sydney Elise Scheel

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Heritability of the Effects of Light Exposure on the Circadian Rhythm in Middle Childhood Director: Kathryn Lemery-Chalfant – The College of Liberal Arts and Sciences

Taylor Renee Scheetz

Major: Marketing -

W. P. Carey School of Business Title: The Role of Screen Luminance and Typeface on Willingness to Divulge Information Director: Kathryn Eaton – W. P. Carey School of Business

Rachel Schewe

Major: Accountancy — W. P. Carey School of Business Title: The Effect of Empowerment Literature on Perceptions of Gender Inequality Director: Melissa Samuelson – W. P. Carey School of Business

Eli Schifman

Major: Finance — W. P. Carey School of Business Second Major: Economics — W. P. Carey School of Business Title: Private Equity Reputation Director: Mark Simonson – W. P. Carey School of Business Matthew James Schlichting Major: Biological Sciences (Biomedical Sciences) -The College of Liberal Arts and Sciences Title: Evaluating the Psychological and Physical Effects of Exam Stress Director: Randolph Nesse - The College of Liberal Arts and Sciences Evin Khalil Schmidt Major: Mechanical Engineering -Ira A. Fulton Schools of Engineering Title: Burkina Faso - Microgrid Director: Nathan Johnson - Ira A. Fulton Schools of Engineering Julia Schmidt Major: Software Engineering -Ira A. Fulton Schools of Engineering Title: Developing a Workshop to Prepare Software Engineers for the Technical Interview Process Director: Rod Roscoe - Ira A. Fulton Schools

of Engineering Christopher Ryan Schneider

Major: Supply Chain Management — W. P. Carey School of Business
Second Major: Business (Sustainability) — W. P. Carey School of Business *Title: Supply Chain Alternative Thesis* Director: Antonios Printezis – W. P. Carey School of Business

Fay Elizabeth Schneider

Major: Theatre (Acting) — Herberger Institute for Design and the Arts *Title: A Plot Discovered Director: Jeff McMahon – The College of Liberal Arts and Sciences*

Alexa Read Scholl

Major: Political Science — The College of Liberal Arts and Sciences Title: Government Employment Stereotypes: City of Prescott, Arizona Director: Miki Kittilson – The College of Liberal Arts and Sciences

Nicole Elizabeth Schott

Major: Elementary Education (Science, Technology, Engineering and Mathematics) — Mary Lou Fulton Teachers College Title: Development of STEM Centers for Implementation in the Classroom Director: Debra Walters – Mary Lou Fulton Teachers College

Joseph Schreiber

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: The Use of Startle to Evaluate Motor Learning Success in Older Adults Director: Claire Honeycutt – Ira A. Fulton Schools of Engineering

Dillon Maxwell Schultz	
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Major: Information Technology -Ira A. Fulton Schools of Engineering Title: Promoting Information Technology Through Educational Simulations Director: Damien Doheny - Ira A. Fulton Schools of Engineering

Michael Schwartz

Major: Urban Planning -The College of Liberal Arts and Sciences Title: Technology Roundtable Director: David King - The College of Liberal Arts and Sciences

Kyra Nicole Sciabica

Major: Psychology -The College of Liberal Arts and Sciences Second Major: English (Literature) -The College of Liberal Arts and Sciences Title: The Push for Perfection: Parent Influence, Perfectionism, and Stress as Predictors of Student Adjustment Director: Suniya Luthar – The College of Liberal Arts and Sciences

Cameron Michael Scott

Major: Urban Planning -The College of Liberal Arts and Sciences Second Major: Earth and Environmental Studies - The College of Liberal Arts and Sciences Title: Native American Participation in Public Lands Management: A Historical Evaluation Director: Jason Kelley - The College of Liberal Arts and Sciences

Tanner James Scott

Major: Supply Chain Management -W. P. Carey School of Business Second Major: Business Data Analytics -W. P. Carey School of Business Third Major: Marketing -W. P. Carey School of Business Title: Creating Wind Comfort Solutions through Cross-functional Teamwork Director: Rhett Trujillo - W. P. Carey School of Business

Niloofar Sedigh Sarvestani

Major: Business (Business Administration) - W. P. Carey School of Business Second Major: Business (Law) -W. P. Carey School of Business Title: The Enemy Within: Persecution of Baha'is in Iran as examined through the life history of Mona Mahmoudnizhad Director: Neveser Koker - Barrett, The Honors College

Thato Seerane

Major: Psychology (Psychological Science) - The College of Liberal Arts and Sciences Title: Reading Motivation and Comprehension: Using iSTART-3 to Improve Comprehension in South Africa Director: Danielle McNamara – The College of Liberal Arts and Sciences

Matthew Seiwert Major: Accountancy -W. P. Carey School of Business Second Major: Finance -W. P. Carey School of Business Title: The Politics of Citizenship Director: Lisa Magaña - The College of Liberal Arts and Sciences Ashlynd Forest Sessions Major: Marketing -W. P. Carey School of Business Title: Here Comes Trouble! An Investigation of Publishing, Illustrating, and Marketing in the World of Children's Literature Director: Stephanie deLusé – Barrett, The Honors College Priyanka Sethia Major: Finance -W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson - W. P. Carey School of Business Zarina Shafeeva Major: Business Data Analytics -W. P. Carey School of Business Title: The Data Arms Race: Reimagining Data Transparency, Ethics and Regulations i n an Information-Driven World Director: Gary Marchant - Sandra Day O'Connor College of Law Christiana Shafer Major: English (Writing, Rhetorics and Literacies) -The College of Liberal Arts and Sciences Title: The Art of Accessibility: A Portfolio of Science Communication Director: Jackie Wheeler – The College of Liberal Arts and Sciences Shail Shah Major: Computer Science -

Ira A. Fulton Schools of Engineering Title: Predicting Sneaker Resale Profits using Machine Learning Director: Rvan Meuth - Ira A. Fulton Schools of Engineering

Shiv Shah

Major: Biological Sciences (Neurobiology, Physiology and Behavior) The College of Liberal Arts and Sciences Title: Hyperactive ERK/MAPK Regulates Cortical GABAergic Neuron Development Director: Jason Newbern – The College of Liberal Arts and Sciences

Marija Shahid

Major: Biological Sciences (Genetics, Cell and Developmental Biology) - The College of Liberal Arts and Sciences Title: Growth response of three waterbloom cyanobacteria to temperature Director: Huansheng Cao - Biodesign Institute

Benjamin Shahon

Major: English (Creative Writing) — The College of Liberal Arts and Sciences Second Major: Philosophy — The College of Liberal Arts and Sciences Title: Melodramatic Fools Director: Jennifer Irish – The College of Liberal Arts and Sciences

Ayanna Shambe

Major: Women and Gender Studies – New College of Interdisciplinary Arts and Sciences

Second Major: Biology — New College of Interdisciplinary Arts and Sciences Title: In the Room Where It Happens: A Critical Reading Of the Humanities Classroom Director: Michael Stancliff – New College of Interdisciplinary Arts and Sciences

Hanyu She

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Design and Simulation of Decentralized Controllers for Multi-Robot Transport over Inclines Director: Spring Berman – Ira A. Fulton Schools of Engineering

Benjamin Shindel

Major: Materials Science and Engineering — Ira A. Fulton Schools of Engineering Title: Simulation of Atomic Structure Around Defects in Titania Director: Peter Crozier – Ira A. Fulton Schools of Engineering

Daniel Nadav Shuster

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Attitudes Towards Autonomous Vehicles Director: Spring Berman – Ira A. Fulton Schools of Engineering

Jessica Helynn Sills

Major: English (Literature) — The College of Liberal Arts and Sciences Second Major: Psychology — The College of Liberal Arts and Sciences Third Major: Sociology — The College of Liberal Arts and Sciences Title: Longitudinal Associations between Perceived Discrimination and Depression, Anxiety, and Academic Achievement in Latinx College Students Director: Leah Doane – The College of Liberal Arts and Sciences

Bernard Jacob Silverman

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Economic Outcomes of Successful Early Stage Epilepsy Screening Director: Marjorie Baldwin – W. P. Carey School of Business Daniella Jayne Simari

Major: Biological Sciences (Conservation Biology and Ecology) — The College of Liberal Arts and Sciences Title: Fair Trade 1 Credit Course: History, Ethics and Impact Director: Hallie Eakin – Julie Ann Wrigley Global Institute of Sustainability

Danny Yin Simonet

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Characterization of Stress in Electroplated Copper Director: Stuart Bowden – Ira A. Fulton Schools of Engineering

Stephano Kapya Sinyangwe

Major: Engineering (Automotive Systems) — Ira A. Fulton Schools of Engineering Title: Impact of Automated Vehicles on Fuel Consumption and Carbon Emissions Director: Jeffrey Wishart – Ira A. Fulton Schools of Engineering

Alarmel Sira

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Modeling the Response of Peripheral Nerve Axons to Applied Electric Fields Director: James Abbas – Ira A. Fulton Schools of Engineering

Natalie Sirois

Major: Marketing — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: E-Commerce Giants: Why Businesses Fail Without Data Driven Marketing Director: Charles Giles – W. P. Carey School of Business

Carolina Siulok

Major: Special Education and Elementary Education — Mary Lou Fulton Teachers College Title: Systematic Literature Review Conceptualization of Inclusive Education within Arizona's Borderlands, Padres Fronterizos: Criando hijo/as con capacidades diferentes Director: Mildred Boveda – Mary Lou Fulton Teachers College

Lauren Nicole Slade

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Is Imperialism a Stage of Capitalism? Director: Jonathan Barth – The College of Liberal Arts and Sciences Tamara Sleem Major: Psychology — The College of Liberal Arts and Sciences Second Major: Global Health — The College of Liberal Arts and Sciences Title: The Effects of Exercise on Locomotor Recovery After Partial Spinal Cord Injury in a Rat Model Director: James Abbas – Ira A. Fulton Schools of Engineering

Austin Sliwicki Major: Economics — W. P. Carey School of Business Second Major: Accountancy — W. P. Carey School of Business

Title: Reputation of Private Equity Firms Director: Mark Simonson – W. P. Carey School of Business

Conner Small

Major: Economics — W. P. Carey School of Business Second Major: Supply Chain Management — W. P. Carey School of Business Title: Generating New Sports in the PAC-12 Director: Kelly Nelson – College of Integrative Sciences and Arts

Hannah Smaw

Major: Finance — W. P. Carey School of Business Second Major: Economics — W. P. Carey School of Business Title: The 2007-2008 Global Financial Crisis: The Causes, Effects, and Recoveries of The Most Impacted Economies Director: Cara McDaniel – W. P. Carey School of Business

Brenden Smith

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Indicators of Success in eSports Applied to Battle Royale Games Director: Mary Ingram-Waters – Barrett, The Honors College

Case Hilliard Smith

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Matal v. Tam (2017): A Historical Perspective on the Evolution of Hate Speech Protection Director: Joseph Russomanno – Walter Cronkite School of Journalism and Mass Communication

Elijah D. Smith

Major: Computer Information Systems – W. P. Carey School of Business Title: The M&G Drive Director: Michael Mokwa – W. P. Carey School of Business Emily J. Smith Major: Psychology -The College of Liberal Arts and Sciences Second Major: Family and Human Development -The College of Liberal Arts and Sciences Title: The Role of Interruption on Infant's Fast Mapping Abilities Director: Viridiana Benitez – The College of Liberal Arts and Sciences Madeline Grace Smith Major: Marketing -W. P. Carey School of Business Second Major: Supply Chain Management - W. P. Carey School of Business Title: The Power of Blue vs. Pink: The Effect of Gendered Toys on Parental Toy Choice

Gendered Toys on Parental Toy Choice Director: Kathryn Eaton – W. P. Carey School of Business

Senan Smoudi

Major: Finance — W. P. Carey School of Business Second Major: Economics — W. P. Carey School of Business Title: The Effect of Medicaid Expansion on Real GDP per Capita Director: Daniel Silverman – W. P. Carey School of Business

Natasha Rayne Snider

Major: Forensic Science — New College of Interdisciplinary Arts and Sciences Second Major: Biology — New College of Interdisciplinary Arts and Sciences *Title: TANKED: A Novella Director: Julie Amparano Garcia – New College of Interdisciplinary Arts and Sciences*

Jenna K. Snittjer

Major: Finance — W. P. Carey School of Business Title: Correlation Between Assets Under Management and Sponsorship of Exchange Traded Funds Director: Debra Radway – W. P. Carey School of Business

Andrej Michael Sodoma

Major: Biochemistry (Medicinal Chemistry) — The College of Liberal Arts and Sciences Title: Temozolomide induced autophagy enhances GBM cell death in combination with PI3K inhibitors Director: Karen Anderson – Biodesign Institute

Amber Sogge

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Creating Biochemical Gradients via Photoconjugation and an In-House Designed Sliding Photomask Director: Julianne Holloway – Ira A. Fulton Schools of Engineering

Dario Daniele Soldan

Major: Supply Chain Management — W. P. Carey School of Business

Second Major: Business Data Analytics — W. P. Carey School of Business Title: English Premier League under the Salary Cap Director: Brian Goegan – W. P. Carey School of Business

Vasishta Somayaji

Major: Biochemistry -

The College of Liberal Arts and Sciences Title: Improving Patient Medical Awareness through an Android-based Assistant Director: Troy McDaniel – Ira A. Fulton Schools of Engineering

Bradley Dean Sommer

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Development of Fungicide Resistance in the amphibian chytrid fungus Director: James Collins – The College of Liberal Arts and Sciences

John L. Son

Major: Kinesiology — College of Health Solutions Title: Muscle IGF-1 Regulation in Obesity Director: Christos Katsanos – The College of Liberal Arts and Sciences

Hayley Sowards

Major: Psychology — The College of Liberal Arts and Sciences

Second Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Dynamic Characteristics of Parent Child Interactions: Mediating Role in Relation Between Parental Catastrophizing and Child Chronic Pain Director: Mary Davis – The College of Liberal Arts and Sciences

Makenzie Taylor Sparks

Major: English — New College of Interdisciplinary Arts and Sciences Title: In A Moment: Writing a Young Adult Novel for Publication Director: Julie Amparano Garcia – New College of Interdisciplinary Arts and Sciences

Erin Sperduti

Major: Business Data Analytics — W. P. Carey School of Business Second Major: Marketing — W. P. Carey School of Business Title: Standing Out and Fitting In: An Analysis of Chart-Topping Songs Director: Matthew Sopha – W. P. Carey School of Business Rebecca Lea Spiess

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Humans of Phoenix Director: Kristin Gilger – Walter Cronkite School of Journalism and Mass Communication

Katryn O. Squyres

Major: Landscape Architecture — Herberger Institute for Design and the Arts *Title: Re-imagining Rio Salado's Sensory Experience: Restorative Design Promoting Sensory and Healing Environments for Children with Sensory Processing Disorder Director: Paul Coseo – Herberger Institute for Design and the Arts*

Jenna Lynn Stadheim

Major: Psychology — The College of Liberal Arts and Sciences Second Major: Family and Human Development — The College of Liberal Arts and Sciences *Title: The Lemming Effect as a Mechanism of Individual Change in Group Treatments Director: Marisol Perez* – *The College of Liberal Arts and Sciences*

Jack Stanley

Major: Finance — W. P. Carey School of Business Title: Cost Benefit Analysis of Going Solar Director: Mark Simonson – W. P. Carey School of Business

Michael Steven Staren

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Early Detection of microRNA biomolecular markers by CRISPR-Cas12a Director: Alexander Green – Biodesign Institute

Dane Kyle Steadman

Major: Earth and Space Exploration (Geological Sciences) — The College of Liberal Arts and Sciences *Title: Cloud Piercers: The Gift of Mountains Director: Stephen Reynolds – The College* of Liberal Arts and Sciences

Hannah Suzanne Steber

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences Title: Study of the Requirements of the mRNA Cleavage and Polyadenylation steps in C. elegans Director: Marco Mangone – Biodesign Institute

Gavin Lyle Steeber

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Enhancing Inorganic Carbon Uptake in Synerchococus Sp. Pcc 7002 Director: David Nielsen – Ira A. Fulton Schools of Engineering Stacey Rita Stefanowski Major: Accountancy -W. P. Carey School of Business Second Major: Management -W. P. Carey School of Business Title: An Overview of Sustainability within the Hotel Industry: How the World's Largest Brands are Practicing Sustainability Director: Gyan Nyaupane - Watts College of Public Service and Community Solutions Kyle Ryan Stenseth Major: Business Data Analytics -W. P. Carey School of Business Second Major: Supply Chain Management -W. P. Carey School of Business Title: The Political Literates Director: Michael Mokwa - W. P. Carey School of Business Imani Christine Stephens Major: Journalism and Mass Communication Walter Cronkite School of Journalism and Mass Communication Title: Black and Female Voices: Examining the Presence/Absence of the Lack of Diversity in Television Newsrooms Director: Monica Chadha - Walter Cronkite School of Journalism and Mass Communication Natalie Lynn Stephens Major: Supply Chain Management -W. P. Carey School of Business Title: Quincea Social Enterprise: Operation Leave No One Behind Director: Mahyar Eftekhar - W. P. Carey School of Business Alexander Wade Stevens Major: Biochemistry (Medicinal Chemistry) - The College of Liberal Arts and Sciences Title: Optimization of a Human Gastrin Receptor for LCP Crystallization Director: Wei Liu – The College of Liberal Arts and Sciences Summer C. Stevens Major: Economics -W. P. Carey School of Business Second Major: Psychology -The College of Liberal Arts and Sciences Title: Veiled Horror: A Lacanian Psychoanalytic Analysis of Get Out, A Quiet Place, and It Follows Director: Robert Mack-Barrett, The Honors College Jamie Stewart Major: Global Health -The College of Liberal Arts and Sciences Title: Eliminating the Backlog: A Two Pronged Approach to Alleviate the Rape Kit Backlog Problem in Arizona Director: Sreetharan Kanthaswamy -

The College of Liberal Arts and Sciences

Rowan Stewart

Major: Secondary Education (Mathematics) — Mary Lou Fulton Teachers College Title: Collaborative Testing in the Mathematics Classroom: Applying 21st Century Skills to Assessing Student Understanding Director: Teresa Panneton – Mary Lou Fulton Teachers College

Vivian Stewart

Major: Science of Health Care Delivery – College of Health Solutions Title: HPV Vaccination Among College Males Director: Alexis Koskan – College of Health Solutions

Andrew Michael Stievater

Major: Computer Information Systems – W. P. Carey School of Business Title: Bots, Botnet, and Misinformation: A Study Director: Victor Benjamin – W. P. Carey School of Business

Rastko Stojsin

Major: Business Data Analytics — W. P. Carey School of Business
Second Major: Computer Information Systems — W. P. Carey School of Business
Third Major: Economics — W. P. Carey School of Business
Title: GDP sector composition and level of economic development Director: Brian Goegan – W. P. Carey School of Business

Megan Michelle Stone

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: From Report to Prosecution: A Comprehensive Approach to Sexual Assault Response in Arizona Director: Sreetharan Kanthaswamy – The College of Liberal Arts and Sciences

Mindi Stone

Major: Global Management — Thunderbird School of Global Management Title: The Interconnectivity of Driverless Cars and Smart Cities Director: Patrick Lynch – Thunderbird School of Global Management

Cherise Stotts

Major: Biological Sciences (Genetics, Cell and Developmental Biology) — The College of Liberal Arts and Sciences *Title: The phylogenetic analysis of oxymonads Director: Gillian Gile – The College of Liberal Arts and Sciences*

Gracie Strasser

Major: Industrial Design — Herberger Institute for Design and the Arts *Title: Peerkat: A personalized note-taking buddy to help improve public education in Arizona. Director: Abby Wilkymacky – Herberger Institute for Design and the Arts* Logan James Strauss

Major: Business (Sports Business) — W. P. Carey School of Business Title: eSports Personas Director: Daniel McIntosh – W. P. Carey School of Business

Isabel Martha Strouse

Major: Psychology — The College of Liberal Arts and Sciences Second Major: Biological Sciences — The College of Liberal Arts and Sciences Title: An Evaluation of the Levonorgestrel-Releasing Intrauterine Device and its Impact on Cognitive Function in a Rat Model Director: Heather Bimonte-Nelson – The College of Liberal Arts and Sciences

Brendan Sturm

Major: Actuarial Science — The College of Liberal Arts and Sciences

Title: Care on Demand: Life Plan Communities at Home Director: Jelena Milovanovic – The College of Liberal Arts and Sciences

Annie Ross Summar

Major: Music Therapy — Herberger Institute for Design and the Arts Title: Composing Harmony: The Use of Music Therapy in a Homeless Shelter Director: Melita Belgrave – Herberger Institute for Design and the Arts

Erin Nicole Sussex

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Mathematical Modeling of the YAP/TAZ Pathway Director: Xiaojun Tian – Ira A. Fulton Schools of Engineering

Madison Murphy Sutton

Major: Psychology (Psychological Science) — The College of Liberal Arts and Sciences Second Major: Global Studies — The College of Liberal Arts and Sciences *Title: Home Base Initiative Director: Michael Mokwa – W. P. Carey School* of *Business*

Taylor Catherine Swanson

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Modeling Analog-to-Digital Converters in Hostile Environments Director: Hugh Barnaby – Ira A. Fulton Schools of Engineering

Brian Felix Sweeney

Major: Applied Mathematics — College of Integrative Sciences and Arts Second Major: Economics — The College of Liberal Arts and Sciences Title: Mathematical Modeling of Honeybee Population Dynamics Director: Yun Kang – College of Integrative Sciences and Arts

Kaylin R. Sweeney

Major: Forensic Science — New College of Interdisciplinary Arts and Sciences Title: SEM-EDX Analysis of Gunshot Residue on Pig Cranial Bone After Decomposition and Maceration Director: Ken Sweat – The College of Liberal Arts and Sciences

Anna Swette

Major: Science of Health Care Delivery — College of Health Solutions Title: Rabid Animals Prevention Program in Gila County Director: Lauren Savaglio – College of Health Solutions

Jakub Swiech

Major: Accountancy — W. P. Carey School of Business Title: The Data Arms Race: Reimagining Data Transparency, Ethics and Regulations Director: Gary Marchant – Sandra Day O'Connor College of Law

Cole Swiszowski

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Business Entrepreneurship — W. P. Carey School of Business Title: Analysis of Entrepreneurship Trends at South by Southwest 2019 Director: Rhett Trujillo – W. P. Carey School of Business

Ben Barret Swokowski

Major: Marketing — W. P. Carey School of Business Title: The View from Inside: An in-depth look at intra-prisoner trade and debt within an AZ DOC prison, focusing on the monopolistic activities of for profit prisons, exploring potential marketing opportunities to the 2.2 million incarcerated U.S. citizens. Director: John Eaton – W. P. Carey School of Business

Isabella Anne Sydenham

Major: Kinesiology — College of Health Solutions Title: Effects of Hatha and Vinyasa Yoga on Stress Levels in a Female College-Aged Population Director: Kristin Hoffner – College of Health Solutions

Maty Tall

Major: Electrical Engineering (Electrical Power and Energy Systems) — Ira A. Fulton Schools of Engineering Title: Advanced Photovoltaic Inverter with Grid Supporting Functions using Wide bandgap Devices Director: Raja Ayyanar – Ira A. Fulton Schools of Engineering

Nimisha Tanna

Major: Kinesiology — College of Health Solutions Title: The Effects of Incorporating Active Based Learning in the Classroom Director: Jon-Philippe Hyatt – Mary Lou Fulton Teachers College

Adin Jessica Tarr

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Devils on Taylor: Creating Traditions in the Digital Age Director: Lori Todd – Walter Cronkite School of Journalism and Mass Communication

Bharath Tata

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Heterogeneous Catalysis for Organic Reactions: Nickel Phosphides for Alkyne Semihydrogenation and Supported Europium Oxychloride catalysts for Ethylene Oxychlorination Director: Shuguang Deng – Ira A. Fulton Schools of Engineering

Aaron Tavarez

Major: Psychology — The College of Liberal Arts and Sciences Title: The Relationship Between Interdependence and Creative Efficiency Director: Athena Aktipis – The College of Liberal Arts and Sciences

Kylee Anne Taylor

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Whistleblowing in Biomedical Research and Medicine: An Analysis of Ethical Expectations and Institutional Failures Director: Jason Robert – The College of Liberal

Ryan Chin Taylor

Arts and Sciences

Major: Sustainability — School of Sustainability Title: Institutional Complexity and Efficiency: How Universities Scale Director: Manfred Laubichler – The College of Liberal Arts and Sciences

Nissim Tbakhi

Major: Theatre — Herberger Institute for Design and the Arts Title: My Father, My Martyr, and Me: Postcolonial Instructions for Loving the Palestinian Body Director: Jennifer Linde – The College of Liberal Arts and Sciences

Carlos Jashan Tello Solano

Major: Dance — Herberger Institute for Design and the Arts Second Major: Psychology — The College of Liberal Arts and Sciences *Title: Lullabye* Director: Robert Kaplan – Herberger Institute for Design and the Arts

Victoria Temporini

Major: Psychology — The College of Liberal Arts and Sciences Title: Accounting for BOLD Signal Latencies Using Temporal Derivative Director: Samuel McClure – The College of Liberal Arts and Sciences

Kimberly Midori Terasaki

Major: English (Creative Writing) — The College of Liberal Arts and Sciences Title: The Autobiography of a Mary Sue Director: Mary Ingram-Waters – Barrett, The Honors College

Harshit Thacker

Major: Accountancy — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business Title: The Effect of Dodd-Frank's Title VII Clearing Regulations on the OTC Derivatives Market Director: George Aragon – W. P. Carey School of Business

Nicholas C. Theut

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Electrical and Optical Characterization of Wide Band Gap Materials in the Zinc and Tin Oxynitride Family Director: Mariana Bertoni – Ira A. Fulton Schools of Engineering

Jett Thies

Major: Civil Engineering — Ira A. Fulton Schools of Engineering Title: Bamboo and Wood as Sustainable Building Materials Director: Kristen Ward – Ira A. Fulton Schools of Engineering

Abigail A. Thompson

Major: Kinesiology — College of Health Solutions Title: Readiness for Integrating Yoga Therapeutics Into Rehabilitation Director: Jennifer Huberty – College of Health Solutions

Alyssa Brianna Thompson

Major: Engineering (Electrical Systems) — Ira A. Fulton Schools of Engineering Title: Measuring the Efficacy of Tall Man Lettering with Eye Tracking Director: Russell Branaghan – Ira A. Fulton Schools of Engineering

Ashley Thompson

Major: Psychology — The College of Liberal Arts and Sciences Title: A Story of Resettlement Director: Elizabeth Larson – The College of Liberal Arts and Sciences Major: Family and Human Development — The College of Liberal Arts and Sciences Title: Comprehensive School Resource Officer Programs: Regulations, Funding, and Relationship to Student Demographics Director: Sarah Lindstrom Johnson – The College of Liberal Arts and Sciences

Sara Thompson

Major: Biological Sciences (Conservation Biology and Ecology) — The College of Liberal Arts and Sciences Title: Stable Isotope Analysis of Crayfish in Desert Streams Director: John Sabo – The College of Liberal Arts and Sciences

Savannah Blake Thompson

Major: The Arts -

Herberger Institute for Design and the Arts Title: Not Quite, But Almost "Almost, Maine": An Investigation of Queer Representation and Portrayal Through the Lens of John Cariani's Contemporary Play Director: Gregory Maday – Herberger Institute for Design and the Arts

Tara Thompson

Major: English — New College of Interdisciplinary Arts and Sciences *Title: The Devil and the Deep Blue: Exploring Identity through Poetry Director: Rosemarie Dombrowski – College* of Integrative Sciences and Arts

Cody M. Thornburg

Major: Civil Engineering — Ira A. Fulton Schools of Engineering Title: Mechanical Testing of Ultra-High Performance Concrete Director: Narayanan Neithalath – Ira A. Fulton Schools of Engineering

Talon Xalee Tiedeman

Major: Marketing — W. P. Carey School of Business Title: Diana Holladay: Remembering An Artist Director: Elizabeth Meloy – Barrett, The Honors College

Zachary Daniel Tisch

Major: Global Management — Thunderbird School of Global Management Title: Electric Vehicle Adoption Challenges Becoming Opportunities for the Entire Auto Industry Director: Mary Sully de Luque – Thunderbird School of Global Management

Stephanie Marie Tkacik

Major: Earth and Space Exploration (Geological Sciences) — The College of Liberal Arts and Sciences Second Major: Biological Sciences —

The College of Liberal Arts and Sciences – *Tite: Identifying the Lagomorphs of 111 Ranch Director: Jack Farmer – The College of Liberal Arts and Sciences*

Janna K. Tobin

Major: History -

The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences Title: Germans and War Brutality: The Erosion of Ethics by Ordinary People During WWII Director: Volker Benkert – The College of Liberal Arts and Sciences

Jordan Cecile Todd

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Synthetic Platelets Reduce Inflammation Post-Traumatic Brain Injury Director: Sarah Stabenfeldt – Ira A. Fulton Schools of Engineering

Nathan Tom

Major: Supply Chain Management — W. P. Carey School of Business Title: color Director: Mathew Sandoval – Barrett, The Honors College

Alyssa Taylor Tong

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences *Title: Implementation maintenance outcomes* from the 'Stand and Move at Work' Cluster Randomized Trial Director: Matthew Buman – College of Health Solutions

Sophia Mikaela Toomb

Major: Supply Chain Management — W. P. Carey School of Business Title: There and Back Again: An exploration on the sustainable supply chain of the fashion resale industry Director: Dennita Sewell – Herberger Institute for Design and the Arts

Anita Totillo

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Nano-Scale Material Characterization of the Mechanical Capabilities of Polymer Matrix Composites under Hygrothermal Conditions Director: Masoud Yekani Fard – Ira A. Fulton Schools of Engineering

Jason David Toumbs

Major: Finance — W. P. Carey School of Business Title: Portfolio Management Allocation for 30 year profile Director: Oliver Boguth – W. P. Carey School of Business

Sawyer Treese

Major: Sustainability — School of Sustainability Title: Biological Tide Enhances Nitrogen Removal in an Aridland Constructed Treatment Wetland Director: Daniel Childers – Julie Ann Wrigley Global Institute of Sustainability

Kayla Ashley Trenter

Major: Biochemistry — The College of Liberal Arts and Sciences Second Major: Anthropology — The College of Liberal Arts and Sciences Title: Female Solicitation and Male Rejection During Mating Events in Wild Chimpanzees Director: Ian Gilby – The College of Liberal

Arts and Sciences Savannah Trevino-Casias

Major: Psychology — The College of Liberal Arts and Sciences Title: An Interactive Approach to Improving the Growth Mindset of Students with Disabilities Director: Denise Bodman – The College

Kari Leigh Trimble

Major: Chemical Engineering -

of Liberal Arts and Sciences

Ira A. Fulton Schools of Engineering Title: Synthesis and Characterization of Novel HEMA Hydrogels Cross-linked with Methacrylated Jeffamines Director: Matthew Green – Ira A. Fulton Schools of Engineering

Nicholas Stephanos Trimmer

Major: Economics — W. P. Carey School of Business Second Major: Business Entrepreneurship — W. P. Carey School of Business Title: Assessing the Long-Term Viability of the Belt and Road Initiative: An Analysis of the China-Pakistan Economic Corridor Director: Edward Prescott – W. P. Carey School of Business

Rebecca Lynn Trisko

Major: Elementary Education (Science, Technology, Engineering and Mathematics) — Mary Lou Fulton Teachers College Title: Relay for Life: More than just a Fundraiser Director: Duane Roen – College of Integrative Sciences and Arts

Zachary Tronstad

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Tuning the Hydrophilicity of Electrospun Membranes for Pretreatment in Water Filtration Director: Matthew Green – Ira A. Fulton Schools of Engineering

Rodney Truong

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Developing and Testing an Intervention to Increase Future Self-Connectedness Among Pre-Med Students Director: Sau Kwan – The College of Liberal Arts and Sciences

Ariana Yusof Tse

Major: Materials Science and Engineering — Ira A. Fulton Schools of Engineering Title: Determining the Effects of Parent Phase Ordering on the Nanoporous Morphology of Dealloyed Cu3Au Director: Karl Sieradzki – Ira A. Fulton Schools of Engineering

Margaret Tucker

Major: Geography — The College of Liberal Arts and Sciences Second Major: Political Science — The College of Liberal Arts and Sciences Title: Critical Cartography and Territorial Conflict Director: Thorin Wright – The College of Liberal Arts and Sciences

Trevor Tumas

Major: Computer Information Systems — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Political Division in America: A Fresh Perspective of the Chaos Director: Michael Mokwa – W. P. Carey School of Business

Alayzha Tianna Turner-Rodgers

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences *Title: Determining the Correlation Between Dragonfly Wing Morphology and Flying Maneuverability Director: Lara Ferry – The College of Liberal Arts and Sciences*

Jaffalie Twaibu

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Optimization of a Blood Assay to Diagnose TB in the Developing World Director: Tony Hu – Ira A. Fulton Schools of Engineering

Cassandra Maria Louise Undhagen

Major: Economics — W. P. Carey School of Business Title: The Transition to a Cashless Society: A Cost-Benefit Analysis of Sweden's Payment Methods Director: Brian Goegan – W. P. Carey School of Business

Rohan Sachin Upponi

Major: Computer Science — Ira A. Fulton Schools of Engineering Title: Improving Patient Medical Awareness through an Android-based Assistant Director: Troy McDaniel – Ira A. Fulton Schools of Engineering Javier Urcuyo Acevedo Major: Biology — New College of Interdisciplinary Arts and Sciences Second Major: Applied Mathematics — New College of Interdisciplinary Arts and Sciences Title: Data-driven model for mosquito population dynamics and the spread of Zika virus using environmental inputs Director: Abba Gumel – The College of Liberal Arts and Sciences

Diego Roberto Uribes-Yanez

Major: Marketing -

 W. P. Carey School of Business
 Second Major: Business Data Analytics —
 W. P. Carey School of Business
 Title: Inventory Management Analysis for Company X
 Director: Todd Taylor – Thunderbird School of Global Management

Logan Valdez

Major: Economics — W. P. Carey School of Business Title: Analyzing Charter School and Public School Performance through Regression Analysis Director: Brian Goegan – W. P. Carey School of Business

Nolan Vale

Major: Molecular Biosciences and Biotechnology — The College of Liberal Arts and Sciences Title: Cloning and Mammalian Expression of Human T-Cell Receptors Director: Karen Anderson – Biodesign Institute

Joseline Valenzuela Quintero

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Treadmill Test Analysis of Moderate to Vigourous Activity Data Using Actigraph GT9X in Sedentary Populations Director: Marc Adams – College of Health Solutions

Ryan William Van Bussum

Major: Molecular Biosciences and Biotechnology — The College of Liberal Arts and Sciences *Title: Ecosystem Effects of Promoting Sargassum Seaweed Clean-up Director: Leah Gerber – The College of Liberal Arts and Sciences*

Maureen van Dobben

Major: Digital Culture (Media Processing) — Herberger Institute for Design and the Arts *Title: LeARn: Supplementing Proven Teaching Techniques with AR Tools Director: Robert LiKamWa – Herberger Institute* for Design and the Arts Jakob Oscar Van Dusen Major: Chemical Engineering -Ira A. Fulton Schools of Engineering Title: Youth Political Involvement: Exploring the Low Turnout of Youth Voters Director: Tara Lennon - The College of Liberal Arts and Sciences Perry Vargas Major: Computational Mathematical Sciences - The College of Liberal Arts and Sciences Second Major: Earth and Space Exploration (Astrophysics) -The College of Liberal Arts and Sciences Title: Numerical Simulation of the Surface Brightness of Astrophysical Jets Director: Carl Gardner - The College of Liberal Arts and Sciences

Ria Verma

Major: Economics — W. P. Carey School of Business Second Major: Supply Chain Management — W. P. Carey School of Business Title: The Capabilities and Obstacles of Integrating Machine Learning into a Supply Chain Director: Brian Goegan – W. P. Carey School of Business

Zachary Vilen

Major: Biochemistry — The College of Liberal Arts and Sciences *Title: Unique Glaze Research Director: Susan Beiner – Herberger Institute* for Design and the Arts

Lance Edward Villarreal

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: In Vitro Gametogenesis (IVG): An Assisted Reproductive Technology (ART) in Development Director: Jane Maienschein – The College of Liberal Arts and Sciences

Nick Vincetic

Major: Mechanical Engineering — Ira A. Fulton Schools of Engineering Title: Past, Present, and Future of Cryptocurrency Director: Robert Niebuhr – Barrett, The Honors College

Sanya Virani

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Second Major: Psychology — The College of Liberal Arts and Sciences Title: Do 2-year olds Understand Object Permanence? Director: William Fabricius – The College of Liberal Arts and Sciences

Benjamin Vitón

Major: Interdisciplinary Studies — College of Integrative Sciences and Arts Title: Bouis Vuitton: Bags for the Revolution Director: Dennita Sewell – Herberger Institute for Design and the Arts

Michael Jeffrey Voeller

Major: Finance — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Predictive Modeling of 4th Down Selection in Power 5 Conference: Data Analytics Director: Jeffrey Wilson – W. P. Carey School of Business

Kaylie Ann Volpe

 Major: Marketing (Digital and Integrated Marketing Communications) —
 W. P. Carey School of Business
 Title: My Realtor, My Friend: Perceived Value in the Realtor-Client Relationship
 Director: Nancy Gray – W. P. Carey School of Business

Noel Maria Yvonne Svetlana Von Mizener Major: Supply Chain Management — W. P. Carey School of Business Second Major: Business (Law) — W. P. Carey School of Business Title: Sustainability in Supply Management: An Analysis of Intelligent Supply Chain Designs

in Promoting the Triple Bottom Line Director: Craig Carter – W. P. Carey School of Business

Ryland Gerald Wala

Major: Physics -

The College of Liberal Arts and Sciences Title: Synthesis and Characterization of Pseudocarbyne using Ultrafast Laser Pulses Director: Scott Sayres – The College of Liberal Arts and Sciences

Lauren Waldman

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Electronic Health Records: Suggestions for Improving Use Director: Jennifer Brian – Barrett, The Honors College

Robert James Walls

Major: Biochemistry — The College of Liberal Arts and Sciences Second Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Tuberculosis Detection: Using Exosomes for Clinical Validation Director: Tony Hu – Ira A. Fulton Schools of Engineering Anna Cecilia Wanless Major: Geography (Meteorology-Climatology) -The College of Liberal Arts and Sciences Title: Identifying Synoptic Patterns Associated with Deadly Tornadoes in the Mid-South Director: Randy Cerveny - The College of Liberal Arts and Sciences Samantha Paige Waslewski Major: Biological Sciences (Biomedical Sciences) -The College of Liberal Arts and Sciences Title: A Comparative Study of Sports Medicine as Applied to Human and Equine Athletes Director: John Lynch - Barrett, The Honors College Jakob Wastek Major: Journalism and Mass Communication - Walter Cronkite School of Journalism and Mass Communication Title: A Contemporary Analysis of the Second Amendment and its Purpose in Today's Society Director: John Craft - Walter Cronkite School of Journalism and Mass Communication Anneliese Way

Major: Marketing (Digital and Integrated Marketing Communications) — W. P. Carey School of Business
Second Major: Business (Communication) — W. P. Carey School of Business
Third Major: Business (Food Industry Management) — W. P. Carey School of Business
Title: The Hispanic Opportunity: An Analysis of Consumer Packaged Goods Manufacturer and Retailer Performance among Hispanic Consumers Director: John Dietrich – W. P. Carey School of Business

Julia Kristen Weiss

Major: Psychology (Psychological Science) — The College of Liberal Arts and Sciences Title: Movement Makes Meaning: The Role of Fine Motor Skills in an Embodied Reading Comprehension Program Director: Arthur Glenberg – The College of Liberal Arts and Sciences

Rachel Welch

Major: Psychology — The College of Liberal Arts and Sciences Second Major: Art (Drawing) — Herberger Institute for Design and the Arts *Title: Self Perception: A Retrospective on Emulation, Imitation, and Women in Art Director: Forrest Solis – Herberger Institute for Design and the Arts*

Haley Jessica Welker

Major: Social Work — Watts College of Public Service and Community Solutions *Title: Sex Traffickers Director: Dominique Roe-Sepowitz – Watts College of Public Service and Community Solutions*

Allison Jo Weller

Major: Business (Sports Business) —
W. P. Carey School of Business
Second Major: Management —
W. P. Carey School of Business
Title: P.A.T.H. To Traditions
Director: John Eaton – W. P. Carey School of Business

Dwight M. Wells IV

Major: Accountancy — W. P. Carey School of Business Second Major: Finance — W. P. Carey School of Business Title: Intel Collaborative Thesis Program Director: Mark Simonson – W. P. Carey School of Business

Nicholas E Welter

Major: Sports Journalism — Walter Cronkite School of Journalism and Mass Communication Title: How Sporting Organizations Represent Themselves and How They Handle Controversy Director: Joshua Rawitch – Walter Cronkite School of Journalism and Mass Communication

Tina Weng

Major: Biological Sciences — The College of Liberal Arts and Sciences Title: Gender Differences in Heart Disease and the Cardiovascular Benefits of Estrogen Director: Jon-Philippe Hyatt – College of Integrative Sciences and Arts

Meghan Werbick

Major: Global Health -

The College of Liberal Arts and Sciences Title: Identifying and Evaluating the Impact of On- and Off- Campus Context Dependent Ecological Factors on the Patterns of Health Risk Behaviors Among Arizona State University Students Director: Anuj Mubayi – The College of Liberal Arts and Sciences

Robert Joseph Werner

Major: Sports Journalism — Walter Cronkite School of Journalism and Mass Communication Title: Overuse Injuries in College Baseball Director: Brett Kurland – Walter Cronkite School of Journalism and Mass Communication

Sarah West

Major: Microbiology — The College of Liberal Arts and Sciences Title: The Effects of Staphylococcus aureus on Quorum-regulated Phenotypes in Pseudomonas aeruginosa Director: Heather Bean – The College of Liberal Arts and Sciences Jobana Westbay

Major: Engineering (Mechanical Engineering Systems) — Ira A. Fulton Schools of Engineering *Title: Designing a Green Space Director: Thomas Martin – Barrett, The Honors College*

Ciara Nicole Westbrooks

Major: Business (Law) — W. P. Carey School of Business Second Major: Business (Public Service and Public Policy) — W. P. Carey School of Business Title: An Analysis of the Impact of Female Leadership on Corporate Social Responsibility Director: Christine Shropshire – W. P. Carey School of Business

Savannah Westerfield

Major: Biological Sciences (Neurobiology, Physiology and Behavior) — The College of Liberal Arts and Sciences Title: Tell It to the Frogs - The Effects of Nuclear Destruction on Japanese Tree Frogs Director: Susan Beiner – Herberger Institute for Design and the Arts

Andrew Jon Whiteley

Major: Finance — W. P. Carey School of Business Title: The Academic and University Brand Impact of College Football Director: Mary Ingram-Waters – Barrett, The Honors College

Megan Colston Whittard

Major: Aeronautical Management Technology (Professional Flight) — Ira A. Fulton Schools of Engineering Title: Navigating the Airport Environment at Night: An Analysis of Pilot Error Director: Robert Nullmeyer – Ira A. Fulton Schools of Engineering

Diego Wildenstein

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Investigation and Analysis of Music Genre Identification via Machine Learning Director: Andreas Spanias – Ira A. Fulton Schools of Engineering

Sydney Morgan Willett

Major: Marketing — W. P. Carey School of Business Title: Das Good: A Cultural and Culinary Experience Director: Rhett Trujillo – W. P. Carey School of Business

Paige Williams

Major: Global Health — The College of Liberal Arts and Sciences Title: Legal Pathways for Regulation of the Direct-to-Consumer Stem Cell Therapy Industry in the United States Director: Emma Frow – School for the Future of Innovation in Society

Bryan Joseph Tanoh Wilson Major: Psychology —

The College of Liberal Arts and Sciences Title: Fear of a Black Messiah: the FBI's Campaign to Delegitimate Dr. Martin Luther King, Jr. from 1962-1968 Director: T. J. Davis – The College of Liberal Arts and Sciences

Kevin Wilson

Major: Supply Chain Management — W. P. Carey School of Business Title: Farms of the future: meeting food challenges posed by a changing world Director: Deborah Strumsky – School for the Future of Innovation in Society

Kevin Lee Winseck

Major: Economics — The College of Liberal Arts and Sciences Second Major: Mathematics — The College of Liberal Arts and Sciences Title: Leveraging Low-Cost Incentives to Encourage Student Performance in Online Courses Director: Bart Hobijn – W. P. Carey School of Business

Tyler Lee Witt

Major: Marketing — W. P. Carey School of Business Second Major: Management — W. P. Carey School of Business Title: Are Sales Contests Effective? Director: Detra Montoya – W. P. Carey School of Business

Abby Ann Wojtas

Major: Biological Sciences (Biomedical Sciences) — The College of Liberal Arts and Sciences Title: Understanding integration of a smartphone "app" to improve lifestyle behaviors for diabetes prevention in a large integrated primary care setting: A provider perspective Director: Matthew Buman – College of Health Solutions

Alexandra Casey Wolfe

Major: Journalism and Mass Communication — Walter Cronkite School of Journalism and Mass Communication Title: Transforming Reputation in Higher Education Director: Mark Hass – Walter Cronkite School of Journalism and Mass Communication

Courtney Ann Wood

Major: Biological Sciences

(Biomedical Sciences) -

The College of Liberal Arts and Sciences Title: Novel Organometallic Complex Mitigates Liver Injury caused by a 10-Week High Fat Diet in Adolescent Male Sprague-Dawley Rats Director: Karen Sweazea – College of Health Solutions

Emilee Wood

Major: Kinesiology — College of Health Solutions Title: The Cardiovascular Effects of Meditative Yoga Compared to Power Yoga Director: Nicole Nolan – College of Health Solutions

Jacob Cannon Wood

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Around the Corner Imaging: Developing a Graphical User Interface Director: Georgios Trichopoulos – Ira A. Fulton Schools of Engineering

Sara Wood

Major: Supply Chain Management — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Creations by Songbird: An Exploration of Marketing and Selling Handcrafted Home Decor Director: Nancy Gray – W. P. Carey School of Business

Jessica Woods

Major: Health Sciences (Pre-Professional) — College of Health Solutions Title: Type II Diabetes Mellitus: Interventions for Blood Glucose Control Director: Pamela Swan-College of Health Solutions

Drew Worman

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: Comparing Protocols for Extracting, Amplifying, and Imaging ApoE e4 Allele: Preliminary work for understanding Alzheimer's Disease in asymptomatic individuals Director: Sydney Schaefer – Ira A. Fulton Schools of Engineering

Andrew John Wright

Major: Film (Film and Media Production) — Herberger Institute for Design and the Arts *Title: A Musical About Harold Johnson From Wilson, Wisconsin Director: Jason Scott – Herberger Institute for Design and the Arts*

Annalisa Betrice Wright

Major: Health Sciences (Pre-Professional) — College of Health Solutions Title: Implementation of a Scribe Program in a Neuroscience ICU Director: Mac McCullough – College of Health Solutions

Jake Johnny Xu

Major: Biomedical Engineering — Ira A. Fulton Schools of Engineering Title: The feasibility, development, and accuracy of a re-instrumented force sensing retracting suction neurosurgical tool Director: Christopher Buneo – Ira A. Fulton Schools of Engineering

Dylan Yarbrough

Major: Supply Chain Management — W. P. Carey School of Business Title: Supply Chain in Healthcare: Reengineering Cardiothoracic Surgery Operations Director: Antonois Printezis – W. P. Carey School of Business

Thorin Cole Yee

Major: Marketing — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Shortcomings in Regulation of Advertising for Financial Instruments Director: Charles Giles – W. P. Carey School of Business

Cassidy Yoshiyama

Major: Electrical Engineering — Ira A. Fulton Schools of Engineering Title: Capon-Bartlett Cross Spectrum Resolution Study Director: Christ Richmond – Ira A. Fulton Schools of Engineering

Zorah Zafari

Major: Economics — W. P. Carey School of Business Second Major: Business (Global Politics) — W. P. Carey School of Business Title: Understanding the Choices of Economics Students: an Observational Study at Arizona State University Director: Manjira Datta – W. P. Carey School of Business

Sandra Zamora

Major: Music Therapy — Herberger Institute for Design and the Arts Title: Composing Harmony: The Use of Music Therapy in a Homeless Shelter Director: Melita Belgrave – Herberger Institute for Design and the Arts

Nicole Hanna Zand

Major: Pharmacology and Toxicology — New College of Interdisciplinary Arts and Sciences Title: Radiation Fingerprinting via the Electron Cloud Chamber Director: Ross Tucker – The College of Liberal Arts and Sciences

Rana Patricia Zayanderoudi

Major: Management — W. P. Carey School of Business Title: Food as a Vehicle to Break Down Racial Barriers Director: Shahla Talebi – The College of Liberal Arts and Sciences

Derek A. Zazueta II

Major: Philosophy — The College of Liberal Arts and Sciences Title: Boethius: A synthesis of Greek & Roman philosophy; luminary of the ages Director: Joseph O'Neill – Barrett, The Honors College

Kristine Zeitler

Major: Graphic Design — Herberger Institute for Design and the Arts *Title: Psyche and Design: Developing* and branding a journey to a metal world. Director: Al Sanft – Herberger Institute for Design and the Arts

Alexandra Zelizer

Major: Supply Chain Management — W. P. Carey School of Business Title: Sharing Economy to Revolutionize Logistics Director: John Konopka – W. P. Carey School of Business

Jingbo Zhang

Major: Finance — W. P. Carey School of Business Second Major: Business Data Analytics — W. P. Carey School of Business Title: Exploring the Relationship Between NAV and Price of Exchange Traded Funds in Financial Markets Director: Mark Simonson – W. P. Carey School of Business

Zihan Zhang

Major: Chemical Engineering — Ira A. Fulton Schools of Engineering Title: Proxy Assessment of Biospecimen Exposure to Thawed Conditions via Direct Fluorescence Visualization Director: Chad Borges – Biodesign Institute

Meilin Zhu

Major: Biochemistry — The College of Liberal Arts and Sciences Title: Investigating Eccrine Sweat as a Noninvasive Biomarker Resource Director: Karen Anderson – Biodesign Institute

Kathryn Ziglin

Major: Political Science — The College of Liberal Arts and Sciences Second Major: Global Studies — The College of Liberal Arts and Sciences Title: Assessing the Voids in the Space Liability Framework: Space Privatization and Space Debris Director: Okechukwu Iheduru – The College of Liberal Arts and Sciences

Christy Zou

Major: Elementary Education — Mary Lou Fulton Teachers College Title: Inquiry-Based Learning in Science Education Director: Molina Walters – Mary Lou Fulton Teachers College Major: Health Sciences — College of Health Solutions Title: Barrett Nursing Mentorship Program: A Pilot Study Director: Jill Quillman – Edson College of Nursing and Health Innovation

Mason William Zwillinger

Major: Finance — W. P. Carey School of Business Title: Solis Lofts Community Development Director: Brian Sadusky – W. P. Carey School of Business The Moeur Award is Arizona State University's oldest, continuing honor. It was established in 1901 by Dr. Benjamin B. Moeur and Honor Anderson Moeur, and is now sponsored annually by the Arizona State University Alumni Association. The award is presented at each Commencement ceremony to those individuals who have attained the highest academic standing in any four-year curriculum during their undergraduate years at ASU.

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> KOMAL AGRAWAL College of Health Solutions

JACQUELINE AGUILAR The College of Liberal Arts and Sciences

AHMED M. AL EZZI, SR. New College of Interdisciplinary Arts and Sciences

AL WALEED SULTAN AHMED HAMDAN AL KALBANI Ira A. Fulton Schools of Engineering

MARIA FATHI B. AL KHUNAIZI W. P. Carey School of Business

SAKINA ALMAS MOHAMMED SLAYEM ALBLOOSHI The College of Liberal Arts and Sciences

FARIZAH ALI The College of Liberal Arts and Sciences

> NOOR JAMAL S. ALHADDAD W. P. Carey School of Business

RIDA ALI The College of Liberal Arts and Sciences MAYAR MOSSAD A. ABDALWAHAAB ALLAM Ira A. Fulton Schools of Engineering

> RABAB ZAKARIA S ALMEER W. P. Carey School of Business

> MARYAM FUAD A. ALNAIM W. P. Carey School of Business

> SARAH SAAD A. ALSHAMMARI W. P. Carey School of Business

NICHOLAS GEORGE AMBUS The College of Liberal Arts and Sciences

JUN AN Ira A. Fulton Schools of Engineering

LAUREN ELIZABETH ANDERSON Herberger Institute for Design and the Arts

LAYLA B. ANDERSON W. P. Carey School of Business

LEXI BRAYLIN APPEL Watts College of Public Service and Community Solutions

MICHAEL EDWIN APPEL The College of Liberal Arts and Sciences

SPRING AREHART The College of Liberal Arts and Sciences MIA ANNE ARMSTRONG The College of Liberal Arts and Sciences Walter Cronkite School of Journalism and Mass Communication

LEO W. AUSTIN The College of Liberal Arts and Sciences

MAKENNA NOELLE AUTREY The College of Liberal Arts and Sciences College of Health Solutions

LENA A. AVALOS The College of Liberal Arts and Sciences

MATTHEW ELIAS BAKER Ira A. Fulton Schools of Engineering

PAULO EDUARDO BARBOSA ANDRADE L. VASCONCELOS, SR. Ira A. Fulton Schools of Engineering

ALLISON NICOLE BARTON Walter Cronkite School of Journalism and Mass Communication

MADISEN L. BARTON College of Integrative Sciences and Arts

> CORINNE SIERRA BELKOFF W. P. Carey School of Business

LAURA BELMONT The College of Liberal Arts and Sciences

> TANYON HIDEKI LANE BERRY Herberger Institute for Design and the Arts

WILLIAM BOYD BIRCH Ira A. Fulton Schools of Engineering

JAMIE SUE BLACKBURN W. P. Carey School of Business JOSHUA IAN BLINKOFF W. P. Carey School of Business

ALEXANDRA BLYTHE The College of Liberal Arts and Sciences

EMILY REBECCA LESLIE BOBEL The College of Liberal Arts and Sciences

RYAN KENDALL BORNEMAN Ira A. Fulton Schools of Engineering

ERIN ELIZABETH BOTTINO The College of Liberal Arts and Sciences

CHARLES PAUL BRAMLETT Walter Cronkite School of Journalism and Mass Communication The College of Liberal Arts and Sciences

COLE D. BRAUER Ira A. Fulton Schools of Engineering

> WILLIAM LOUIS BRESETTE College of Health Solutions

JOHN BRESNAHAN Herberger Institute for Design and the Arts

MADELINE MICHELE BRIGUGLIO Watts College of Public Service and Community Solutions

NIA BUCKNER The College of Liberal Arts and Sciences

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A baccalaureate degree candidate must have completed at least 56 semester hours of resident credit at Arizona State University to qualify for graduation with academic recognition.

Summa Cum Laude: Designates those candidates with a cumulative grade point average of 3.80 - 4.00 for the course work completed.

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Thomas William Dawson Arlen J. Dean Brian Reyes Dean Danyelle Erin DeAugustine Marielle Prescott Debeurre Allyson Marie Deckenback Drew Angeli DeGrosky Elizabeth Odessa Deitchman Bailey Capri De La Torre Kyra Leigh Ann de la Torre Celeste Rose Delaune Marcos D. Lopez Del Castillo Elizabeth Ashley Delgado Ameriel Demarchi Carolina Marques de Mesquita Andrea DeMondo Megan Elise Deneault Rebecca Michele Derheim Alicia Mirsine Deros Kara Renae Despain Christopher E. De Tranaltes Michael Christopher Detto Ryan Michael Deutsch Rosa Maritza Quinones Diaz Tristan Javier Diaz Michaela Ann DiCicco Katheryn Michelle Dieckhaus Christopher Di Giulio Christopher Joe Dilli Kaitlyn Rose DiLorenzo Grant M. Dilucchio Alex D. Dimitroff Katelyn Aubree Dinkel Sabel Shea Diskin Erin Sabrina Divis Jordan Dobbins Nathan Paul Docherty Jordyn Nicole Dolan Ashley Dolbee Andy Dole Sophia Anne Doloresco Alyah Rae Donahue Lillian Rose Donahue Inbal Donenfeld-Peled Nicole Donlea Sean Michael Dornbier Stephen M. Dorrell Skyliana Idelle Dosier Adam Kason Dowling Kendra Rose Dowski Leslie Doyle Alexa Ray Drew Ellen Katherine Dries Claudia Marie Droge Ana Marie Drum Susanna Roshini D'Souza

Matthew Elijah Dufault Madison Audrey Dulis Angela Gilda Dunay Michelle Dunlap Hayley Marie Dunlop Maria Elisa Duran Meagan Esther Durazo Michael Nathan Durso Jessica Dwyer Michaela Lynn Dye Katrina Sue Eager Ciara Nicole Earl Clara Josephine Early Tonya Maiden East Daniel Eckstein Danielle Michelle Edges Emily Edmonds Holly Marie Edwards Daniel Edward Ehmann Mia Renee Eichenberger Abdilwahab Eidi Amanda Dawn Elam Jordan Mackenzy Elder Andrew Constantine Eledge Mariah Crystal Elgin Keeley Cheyenne Elliott Nathaniel Scott Elliott Sarah Mae Ellsworth Nicole Elizabeth Elms August Elton Danielle Elzy Glenna Bea Rebano Embrador Alexandra Marie Emmenegger Jacob Aaron Emnett **Emily Encinas** Kyle Kasem England Matthew Allen England Martina Cano Enriquez Nicole Collins Erb Jordan Hanna Erhardt Holly Erickson Lora Lynn Erickson Mikayla Onika Erickson Lindsay Michelle Erjavic Reayanna Erving Anthony Michael Escalona Alberto Adrian Escobedo III Jarrett Bryce Eshima Tanner Jeffrey Esparza Jesus Daniel Espinoza Aaron Joseph Estes Isai Lemuel Estevez Austin Phillip Evanovich Elizabeth Margaret Evans Natalia Evans Rebekah Kathleen Evans

William Ricardo Everett **Bayley Rae Evinrude** Clinton William Ewell Makenzie Eyzaguirre Ryan Alexander Fagan Austin Kyle Fairbanks Stephanie Marie Faircloth Tarryn Faith Falls Isabella Maria Farias Murad Faroogi Daniel Winslow Farr Sophia Maria Fasani Danielle Favata Max Benjamin Feinberg Zuolin Feng Marissa Christine Fenton Aivanna Fernandez Edgar Fernandez **Jasmine Fernandez** Jessmin Natalie Fernandez Alyssa Ferrallo Jordan Rae Ferrell Megan A. Ferris Brett Allen Fesler Sam Ficarro Brian Field Samir Fierro Katelyn Finegan Sarah-Beth Finley Michael Jared Fisch Brendon Michael Fisher Rachel Taylor Fisher Lacee Carole Fitzgerald Mikaela Rose Fitzgerald Holly Jean Fitzsimmons Hunter Lea Flanagan Tyler Maurice Florek Megan Rene Florendo Skylar C. Flores Enrique Flores Juarez Patrick Loyal Flynn Tyler Michael Flynn Sadie Jean Foley Bernardo Fonseca Anthony Valinotti Fontana Rvan James Ford Marisa Nicole Forthun Erick Fowler Jacob Dallas Fowler Terra Jasmin Fowler Christina Ann Fox Jennifer R. Fox Megan Maloney Frager Brett Frank Jacob Jeffrev Franklin Rachel Franks

Kortney Jay Franzen Lewis R. Frazier Rebecca Freed Jeffrev French, Jr. Chandler Harrison Fritz Shelley Ussery Fry **Carlos Roger Fuentes** Maria Alejandra Fuentes Misaki Fuentes-Maruyama Chandra Lilan Fuller Joseph Fuller Ariella Ina Funch Nathan Paul Funk Michael Thomas Furey Candis Rachel Futch Eliav Gabay Kent William Gabel Brent Cameron Gable Kaitlin Halev Gaio Erika Galindo Rachel Carmen Galindo-Perez Isabela Gamez Norma G. Espinoza Gamez Andres Xavier Gandara Annamarie Lynn Gansheimer Athena Helena Garcia Claudio Angel Garcia, Jr. Jennifer Garcia Jordan Marie Garcia Leticia Camacho Garcia Loraine Meneses Garcia Lucia Marie Garcia Maia Starr Garcia Cynthia Gardner Hannah Rebecca Gardner Elisabeth Grace Garland Bailey Walter Garner YiZhuang Garrard Samuel Burkett Garretson David Scott Garrett Amanda Maria Garza Andrea Marina Garza Jacob Matthew Garza Bailey Quinn Gasvoda Diana Chavez Gaucin Patrick Michael Gaughan Kiran Gautam Alexandria Sage Gaw Tristan Joseph Gaynor Daniel Rinaldo Gaytan-Jenkins LeeAnne Elizabeth Gearhart Tessa Renee Geelhood Kaniel Geeslin Melissa Kate Geffken Alexa Lee Geidel

Kara Anne Gepford Jesse Gerdus Aaron Michael German Lindsey Ann German Danette Gerth Suhail Abdul Ghafoor Zakk Louis Giacometti Connor Dallas Giam Chloe Gibbons Tiff Gibbs Tyler Scott Gibbs Eliyahu A. Gibly Emily Giel Japheth Paul Gielen Greta Alyse Gieseke Alexandra Leigh Giglio Inbal Gilboa Matthew E. Gildea Emma Colette Giles Rvan M. Gill Raquel Gillett Jacklyn Annmarie Gillies **Emily Anne Gilmore** James Tadeusz Gilmore Stefani Giorcheska Mitchell Drake Glauner Jeffrey Adam Glembocki Megan Gliori Raajpaal Singh Gohlwar Daniel Joshua Goldberg Robert Golla Lora Gomboyev Jasmine Guadalupe Gonzalez Olivia Janet Gonzalez Taylor Lynn Gonzalez Teddy Gonzalez Ayla Shea Gooden Oscar Laurence Goodloe Manon Ariana Sarah Goodrich Joshua Taylor Goralczyk Derek Lee Goss Nora Mary Grady Kelsey Anne Graft Joseph Micheal Graham Jillian Marie Grammer Luisanna Granillo Alexa Soft Shadow Graves Robert Joseph Graves Daniel Thomas Gray Ethan Alexander Gray Sydney Jean Greaves Colter Green Laura Miko Green Benjamin Greenlee Nicholas William Greenlees Elinor Vera Greenwald

Cory J. Greer Carrie Gregory Alyssa Michelle Griffin Hadley Meryl Griffin Tammy E. Griffin Eric Griffiths Alexander Ryan Grimm Dominic Waldo Grisingher Lauren Grosch Elias Grossmann Jayden Gubler Kayla Jordan Guerrero Kali Marie Guest Delaney Guffey Jason A. Guglielmo Alexis C. Gulbransen Nathaniel Guntermann Jian Guo Ryan J. Guthrie Briana Marie Gutierrez Jared Andrew Gutierrez Paige Elizabeth Haagen Mohammad Ali M Habbash Una Hadziahmetovic Stormy Rodriguez Haffey Kendall Donnellan Hagerty Bryan Alexander Hain Carlee Elizabeth Hakes Darbie C. Hall Mandy Hall Stephen Michael Hall Savanna Halman Taylor Lynn Hamel Joley Paige Hamilton Jeremy William Handelman Jamie Lynn Harte Handlos Andrew Steven Hanks Maria Samir Louka Hanna Joann Hannoona Jennifer Lynn Hansen Amanda A. Harambasic Elizabeth Rachael Hardesty Bradley J. Harding Hunter Jordan Hardwick Lana Harfouche Elizabeth Erin Hargraves Tanya D. Harper William Harper Alec Edward Harrell Julianna Kara Harrell Kathryn Joanne Harris Kimberly Harris Madison Nicole Harris Marcus Alexander Harris Tavlor D. Harris Caitlin Louise Harrison

Haley Anne Harrison Savannah Shayne Harrison Kelsey Ann Hart Maxwell Allen Hartgraves Andrew David Hartman Prathima Harve Logan Drew Haser Emily E. Hasty Gary Edward Havel, Jr. Cammi Hawker Wyatt Henry Haynes Hunter Thomas Haynie Jiani He Shiwei He Mary Heagney Emily Caitlin Heathcotte George Heiler Richelle Diane Heinauer Angela Marie Hemesath Andrea Celleste Henderson Calvin Henderson Maxwell Mcklaine Henderson Samantha Rae Hendricks Caitlyn Hendricks-Costello Troy Christian Henley II Christopher Robert Hennessy Alfred Michael Henry Lauren Elizabeth Henry Paige Nicole Henry John Mark Henze Brian Allen Herman Alexis Nicole Hermansen Christopher Hernandez George San Miguel Hernandez Stephanie Hernandez Timothy G. Heslop Michelle Joy Hessler Hans Christian Heyer Angel Dee Hicks Kieley Jordan Hicks Taylor Jay Hieb Alyssa Danielle Hill Daniel Harris Hill Rachel Susanna Hill Verlynne Perry Hincha Zachary Van Hinderman Crystal Saldana Hipolito Gabrielle Rachel Hirneise Brianna Celeste Hirsch Robert Scott Hirsch Payton Renee Hiscok Svenja Hisey Aaron Ho Khoa Dang Ho Kristofer Cameron Hoadley Brisa Barbara Hoch

Rachel Ann Hoeck Sarah Elise Hoffman Vander Hoek Alexandra Louise Hogan Kyle Andrew Hohmann Marlon Thomas Holland Sean Hollingsead James Robert Holly Kathryn Emma Holste Janie Hom Chiara Marie Hommel Jennifer Lynn Honahnie Jiayi Hong Yiting Hong Ian Thomas Hoover Sara Jean Hoover Morgan Briann Hoper Sophia Katherine Hopewell Griselda Hopingardner Breanna Susanne Hormann Sarah Christine Horst Karen Marie Houghtaling Chase Houser Bailey Ann Howard Hannah Howell Savannah Lynne Howell Wesley Hoyland Amanda Marie Hoyman Ryan Gregory Hryciw Yee-Yang Hsieh Kathryn An Hua Binxiang Huang Che-Jui Huang Chen Huang Tingyi Huang Zheyuan Huang Zili Huang Turner Wilbanks Hubby Rosemary Alice Huck Gabriela R. Huckabee Jason Robert Huddleston Johnny Hudson Nicole Marie Hudson Salvador Huerta Cheyanne Bleu Huetten Wendi Ann Huff Monika Nicole Hughes Rachelle Hughes Lyndy Lee Hunt Savannah Petersen Hunt Lucas Allen Hunter Christine Anne Hynes Meghan Ashleigh Iacuelli Mark Brendan Ianni Natalie Iannuzo Sophia Ibarra

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Kayla Monet King-Sumner Tina M. Kinnerup Meredith Nicole Kinser Destiney Amber Kirby Brock Alan Kistler Kaelan Renée Klausen Rachel Georgeanna Klein Seth Adam Klein Spencer Cody Kleinhans Colby Jeanette Klemish Kelly Allison Kline Jacob W. Knaup Ruth Knight Jacob James Knittel Jane Devin Koistinen Randallyn Akemi Noelani Kojima Anirudh Koka Pranvera Kolari Matthew Crowder Koltes Yuanyuan Kong Sabai Kongjai Maud Koopman Karishma Atul Kothari Anastasia Maria Koufidakis Andrea Nicole Kraetz Cheyenne Kraft Miriam Kraja Sean Robert Kratsch Alexandria Leah Krauss Kristen Louise Krip Andrew Kudlinski Mason Russell Kuebler Anne Kuhm Sidharth Kulkarni Aradhana Kumar Brienne Kuntz Adrian Kuo Corey James Kurowski Jocelyn V. Kyle Anna Kyler Kordell Reggie Lacy Benjamin Louis Ladick Edward Lai Emily Mae Laird David Lake Hanna Alyssa Lalani Evan Lam Yau-Fung Lam Yau-Hei Lam William Gabral Lamb Cara D. Lamberg Lindsey Marie LaMonica Andrew Dale Landers Chelsea Landin Collin Clark Landwehr

Krystle Dawn Lane Stephen William Lane Matthew Owen Langmack Steven John Lasseson, Jr. Grant Laufer Sarah Layon James Robert Lazarewicz Joshua Lazau Adam Minh Le Anita Le Clara Le Darlena Le Michelle Thy Le Thaimae Le Jaclyn E. Leake Zachary Grant LeBaron Chankyu Lee Christina Lee Derek C. Lee Franklin Forrest Lee Jihoon Lee Juliana A. Lee Kuan-Min Lee Brock Lefkowitz Nicholas Leftwich Bethany Leger Katelyn Emiko Lentz Conor Leonard Tabitha Ann Leonard Jonah Benjamin Lerner Patrick Kawing Leung Shalamo Leviyev Lital Levy Stephanie Anne Lewin Amanda Jean Lewis Katelyn Mary Lewis Ji Young Li Jiayun Li Richard Longfei Li Xindong Li Yifan Li Blake Farris Libby Zoe Elise Liberman-Martin Evan Davis Lickert Caroline Ruth Liddle Guston Hegian Lighthouse Yidan Lin Haoyu Liu Noah Shawn Livingston Kassandra Guadalupe Rios Lizarraga Ann Lobis Braelyn Hope Locey Rylee Jane Locker Justen Kristopher Lodge Matthew Richard Logelin

Gina Logrande Kelsi Veronica Lomasney Emily Lombardi Marlon William Londono Sonia Michiko Long Madison Danielle Long-Blanchard Esperanza Elisabet Collins Lopez Ivan Lopez Solece Nicole Lopez Tiffanie Jean Lord Theresa V. Loughlin Jacob Edwin Love Courtnie Margaret Love-Sorrell Tristan Andre Loveday Christopher Merlin Lovre Cristianna Jocelynn Lowery Brooke Ellise Loy Cheng-Tse Lu Kristen Elizabeth Lucero Hunter James Luck Pilar Lugo Fiamma Anahí Luján Blake Justus Lukehart Mikayla Sakayo Kauinohea Lum Lydia Grace Lundquist Alissa Renee Lunsford Gabrielle Vivi Luu Emma Mackenzie-Corley Lynch Audrey Rae Lyon Dannica Anne Lyon Reid Elizabeth Lyscio Matthew Martin Machacek Marguerite MacKrell Lily Margaret MacLean Andrew David Macnair Raghav Madan Melissa Maddocks Ashden Erick Madison Stephen Jalandoni Magat II Brigette Teresa Maggio Antonio S. Maggiore Jonathan Paul Magnus Jessi Magraw Alec Joseph Maher Lilly Mahi Syed Jaffer Mahmood Serena Lynn Mains Julia Elizabeth Maisel Ntombizodwa Makuyana Aitana Yvette Paraguya Mallari

Joseph Mamola Jemy Rae Mañalac Warren Jaffar Herrin Mandai **Opal Sheryl Manhertz** Samuel David Manluccia Alissa Manno Kunal Lalit Mansukhani Madison Emilia Manzo Qynn Patrick Marble Nicolas Robert March Jennifer Marie Marey Joseph Anthony Margolias Madison Lawry Margolis Gustavo Fonzar Marinelli Samuel Joseph Markel Brenley Paige Markowitz Haley Glenne Marquardt Jacqueline Estela Márquez Kessy Shalayne Martin Mary Caitlin Alice Martin Andrew Sean Martinez Cristal Martinez Jennifer Eleanor Martinez Savana Rose Martinez Sophia Marie Martinez Rhonda Lilian Marzoq Carol Patricia Mas Nathan Christopher Mascarenhas Skylar Anne Mason Alexandria Rae Massey Michael J. Matalenas III Nicolle Elise Mathews Hannah Nicole Mathis Lawrence Theodore Mazzei Matiski Daniel John Matloff Samantha Tania Matta Jacob Russell Matthews Christopher Mattingly Maria Maurer Sharon Maurer Andrew David Maw Michael S. Maxam Michael Myron Mayper Molly Ruth Mays Yassine Ahmad Mazboudi Rachel Lynn Mazella Annie Lisa Mazzarella Cameron William McAllister Kaylyn Marie McAnally Sarah Louise McArthur Michael McCann Charly Noelle McCown Ana Joyce McDaniel Kathryn Lynne McDermot

Shannon Andrea McDonald Brielle Ann McDougall Taylor Ann Lillian Mcdowell Jazmine McFarland Kristin Grace McGarv Merrie Elizabeth McGee Liam Andrew McGing Sean Michael McGinn Brittany Morgan McGown Brianna Jean Mcguffin Ryan Ann McGuire Megan McHolland David Anthony Mchugh Mary Pearl McKay Kelly Marie Mckeever Stanley Scott Mcknight Matthias Andrew McManus Julia Meagan McMonigal Shannon Del McNiel Daniel Christian Meador Brian Andrew Means Sara Mecca-Whitlock Whitney Morgan Mecham Camille Nicole Medeiros Amanda Meek Matthew Rolfe Meiers Fernando Mejia-Valladares Rebecca Megan Mello Loliya Gbeye Memberr Alexis Yvette Mendez Michael Anthony Mendiola Lvdia Marie Mendoza Natalie Alexis Mendoza Shia Mason Mendoza Melissa Carvn Mercado Traci Charleen Merino Matthew Connor Merkle Hilary Merline Alexandra Lynn Messersmith Kylee Dawn Meter Allison Hope Meyer Christina Marie Meyer Lena Christine Meyer Jenifer Samantha Miazga Claire Elizabeth Michael Katlin Fave Michaels Jovanny Michel Tatiana Paola Mick Hunter Cameron Middleton Ashtar Nicole Mikhail Paige Morgan Milatz Corev Miles Joshua Dylan Miles John Taylor Millard Paul Millea Darian Paige Miller

Jenna Marie Miller Kayla Camille Miller Melinda K. Miller Michael Taylor Miller Sarah Katherine Miller Stephanie C. Miller Taylor Jordynn Miller Timothy Gilchrist Miller Hershel Berney Millman Henrielle A. Millon Gabrielle Corley Mills Hanna Nicole Mills Thomas Carlo Milroy Austin Bayon Miranda Miguel Carlo Miranda Jordan Taylor Mitchell Michaela Mitchell Philip Glenn Mitchell Tyler Ryan Mitchell Prachi Miyan Kelsey Fan Mo Maedeh Moayyednia Parker Larry Moberg Arezou Mobramaein Anders Jacob Moen Claire Elizabeth Moen Grant Anthony Moen Yasmin Mohamed Brennan Charles Tario Mohr Sydney Alexandra Molenaar Zachary Lynn Monroe Gabriela Jimena Calles Monsivais Angelica Thea Monteclaro Nicole Elizabeth Montes Sean Jacob Montijo Victoria Nohemi Tenorio Montoya Hansol Moon Alexis Moore Austin Joseph Moore Justina Moore Kade William Moore Rachael Edda Moore Randolph Lee Moore Rex Corbin Moore Jessica Lynne Moorman Jordan Moragne Apollonia Morales Morgan Brittany Morano Scott Ryan Morasch Ruben Reves Moreno Carina Marie Morris Emily Taylor Morris Nelson Kevin Morris

Paul Andrew Morrison

Stephanie Marie Morse Joshua Dean Morton Autumn Moses Jazney Geraldine Moss Lindsay Christina Mostrom Adriana Allyssa Moya Stephanie Sue Mroczkowski Gwendolyn Mucino Martinez Amber Leigh Mueller Siena Mueller Jennifer Mugleston Benjamin Muhlmann Philip Musick Mulford, Jr. Laura Akiko Mummery Celso Assiz Mundo Sayas Clarisa Nicole Munguia Michelle Marie Murdock Peace Murerwa Elizabeth Murillo Shawneya Mariah Murphy Sierra Nicole Murphy Elizabeth Murray Sarah Anne Murray Zachary Michael Murray Cristina Lizbeth Musch-Hernández Samia Ali Musse Alexandra Katrina Myers Logan Reese Myers Chase Dylan Nadeau Joshua Alexander Nagengast Gowri Nair Leah Nakaima Adam Kiyoshi Nakayu Julia Blair Nakhleh Walid Nakib Akshay Nalla Robert Namor Mark Edward Natale Aidee Nava-Cabrales Maria Celeste Navarro Kelly Mawaba Ndombe Andrew Joseph Nees Melissa Anne Neil Alexis Nelson Andrew Frederick Nelson Daniel Scott Nelson Kaylee Shea Nelson Renee Nelson Ruby Anne Nelson Brian Neville Bryce Newberry Phoebe Quynh Newell Heather Michelle Newton Courtney Taylor Ngai Andrew Hoang Nguyen

Anh Ngoc Tuan Nguyen Dustin Khang Nguyen Erin Lian Nguyen Kyle Cuongthe Nguyen Linda Duyen Nguyen Thien Nguyen Toan Thai Tran Nguyen Van Anh Nguyen Jackson Carter Nichols Ann Marie Nickolaou Jack George Northcutt III Kathryn Elizabeth Norton Alex Sheavin Nou Rachel Elisabeth Noziglia Justin Christopher Nuckols Emily Rose Nugent Anthony Nunez Nayrubi Isabel Nunez Eric Joshua Nuñez Aubre Nutting-Walker Taryn Reilly O'Boyle Christopher Cain O'Brien Jessica Ann O'Brien Shannon Nishino O'Brien Martha Ann Oberg Victoria Grijalva Ochoa Peder Kilen Ode Ahmad Osameh Odeh Aeron Deshon Ogden Sadie Larie Ogle David Olczak Jamie Renee Olsen Kira Olsen-Medina Keith Eric Olson Nicole Annemarie Olson Kimberly Grace Olson-Vargas Jessica Lindsey O'Malley Majesty Alexis Omotayo Madison Courtney Ong Keri Lynn Orcutt Jake Allan Ormond Jesselyn Marie Orpilla Daniel James Orr Brittany T. Orsborn Heather Renee Otten Dvlan Thoreau Ottnev Joshua Paul Owens Krystina Diane Owens Alejandra Miss Ozuna Alexis Victoria Pagán Patricia Andreea Palade Seth Daniel Palermo Carley Juell Palm Michael Aaron Palmer Linda Pan Wing Yan Pang

Evangelina M. Paniagua Leslie Sarmiento Pascual Shanna Estelle Passey Shurine Ann Pate Aamir S. Patel Ekta Patel Nina Rakesh Patel Tejal Patel Alexandria Kate Paterson Sahil Bipin Patil Aishwarya Pranyu Patnaikuni Jennifer Patterson John Michael Patterson Raney Bell Patton Kaitlynne Renee Paul Cameron Dean Payne Corey Conrad Pearse Samantha Lynn Peckham Tina Marie Pedicini-Dolce Bryce Alexander Pedroza Kory Richard Pelletti Connor Pendery Tatiana Siboney Peralta Sara Neves Pereira Alejandra Perez Jerome Perez Manuel A. Perez Yadira Perez Alyson Sierra Perkins Chase Marie Perren Brittany Marie Perry Darilyn Perry Chellea H. Perryman Natacia Samantha Perryman Hailey Michelle Persons Carley Jo Petersen Andrew Jeffrey Jordan Peterson Aurelia Rose Peterson Curtis Taylor Peterson Ethan Demitri Peterson Grant Robert Peterson Kyle Peterson Tristan Peterson-Steinert Keely M. Petitt Katherine E. Petrie Anthony Vincent Pezzino Audrey Celeste Pfeifer Leilani Dawn Pfeiffer Emily Ann Phillips Jordan Jeffrey Phillips Sydney Taylor Phillips Tanner Colegrove Phillips Brian Phu Noel Phuong Laura Pierson

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Christopher J. Ray Bailey John Raysik Quincy Alan Seitu Reams Nihaal Reddy Anjanette Rochelle Reed Cassandra R. Reed Kendall Reed Shelby Marie Reed Whitney Tiera Reed Rashelle Celeste Rehms Cassandra Kay Rehwalt Melissa Ann Reich Jessica Christine Reigel Joe Travis Reilly Kristina Rembacz Annie Marie Rembold Amanda Rennie Fernando Resendez Gabriela Reyes Bailey Susana Reynolds Casey James Reynolds Kellie Margaret Reynolds Omar Alejandro Reynolds Stephanie Nicole Reynolds Claire Elizabeth Rhodes Damon Keaton J. Rich Montana Rich Nicholas Giovanni Richards Nicole Paige Richards Olivia Kathryn Richards Courtney Marie Richardson Lauren Elizabeth Richter Kylie Madison Ridley Mason Ridley Keelin E Murphy Riepe **Richard Donald Rieves** Donald Rigaud, Jr. Iyesha Lovette Riley Levi Louis Riley Alexander Gill Rimsza Juan Luis Ortiz Rivas Christopher Francisco Rivera Daniel Justin Rivera David Rivera. Jr. Karen Cristina Rivera Yepiz Addison Nicole Rizer Austin Raymond Rizer Emma Patricia Roberts Jackson Roberts Rebecca Roberts Hannah Dianne Robertson Samuel Mervin Robertson Gerald Edward Robinson IV Jenna Robinson Rilee Jane Robinson Travis Shawn Robinson

Alondra Maria Robles Benjamin J. Rodger Matthew Phillip Rodgerson Emmaline Rodriguez Eva Marie Rodriguez Naomy Oyuky Rodriguez Rafael Rodriguez, Jr. Rylee Jacklyn Rodriguez Vanesa Contreras Rodriguez Megan A. Rogers Trey A. Rohman Joshua Primero Roldan Cameron Danielle Rollin Lucretia Leandra Romano Raul Romero Julie Romney Christopher James Rondinella Tengbo Rong Lindsey Paige Rose Amy Rosen Rachel Hailey Rosenfeld Tanner Douglas Rosenthal Jonathon Michael Ross Tanner Jacob Rost Ginette Gilberte Marie Roth Winter Rayne Nicole Roth Cami Caitlyn Rowan Daina A. Rowell Cayla C. Roy Kevin Thomas Roy Katie Yiying Ruan Mollie Ariel Rubin Robin Gail Rubio Noah Robert Rudko Natalie Shea Rudolph Daniella Paula Rudoy Karen Cristina Ruiz Ricardo Ruiz Sebastian Ruiz Emily Margaret Rumney Jeffrey Russert Chloe Grace Miracle Rutledge Aubrey Leigh Rychen Raphael Lucas Saba Mohamed Moustafa Sabet Sonia Sabrowsky Lun Sai Janna M. Sala Samantha M. Salcido Michael George Saldaris Kristen Mary Salem Rvan Patrick Salwak Elisa Samano Isaiah Ronald Sampson John Lawrence Sampson Kaitlin A. Samuel

Cristina Alejandra Sanchez Alicia Rose Sandoval Tarin Briane Sanford Alyssa Ann Santa Cruz Lunden Murial Santana Awhona Sanyal Selena Maria Sasso Mackenzie Mae Satterfield Caitlin Savage Mary Elizabeth Saxon Eric Scott Sayban Jessica Michelle Schaefer Amy Elizabeth Schauer Sydney Elise Scheel Abigail Elise Schepps Eli Schifman Mikayla Rose Schilling Taylor Michelle Schlicht Matthew James Schlichting Michael Christopher Schmit Kelly Marie Schock Alexa Read Scholl Breanna Rose Schoonover Alyssa Schott Nicole Elizabeth Schott Shelby Lynn Schrager-Sours Seth Brian Schreffler Robert Dean Schroeder Holli Schuitema Alexandra N. Schuler Dillon Maxwell Schultz Jordan Michelle Schwab Abril Schwartz Michael Schwartz Angelique Natalia Scott Cameron Michael Scott Shayla Rose Ann Scott Amanda Lynn Scro Emma Seager Thato Seerane Xyonane Segovia Aleesa Sells Sean Alexander Selover John Alexander Selvidge Jesse Jacquelyn Seritt Nicholas Daniel Serpa Skylar M. Servais Ashlynd Forest Sessions Priyanka Sethia Olivia Setka Hung Sewell Christiana Shafer Shiv Shah Marija Shahid Ayanna Shambe Fangchi Shao

Oi Shao Shanchuan Shao Richard Michael Sharer Hanyu She Jessica Carolyn Sheldon Nicole Marie Shelley Karen Osher Shemer Mengyu Shen Amber L. Shepard Brad Safran Sherman Wezley Sherman Ge Shi Jacob Lee Shiffer III Michael Yongseop Shim Benjamin Noam Shindel Taylor Anne Shirley Fred David Short Kaitlin Ruby Showers Rachel A. Shultis Zhaoqian Si Jessica Lynn Siegel Ethan Paul Siegler Alison P. Sigala Jessica Helynn Sills Casey Rudolph Silva David Leonardo Luengas Silva Graciela Povilaitis Silva Samantha M. Simon Shanna Marie Simoncini Tyman L. Sin Ellie Hannah Singer Elizabeth Jean Sinicrope Alarmel Sira Aya Lily Sisko Andy Situ Sunny Situ Erin Rachael Sitz Carolina Maria Siulok Abbie Jean Sivinski Brent Burnell Skabelund Lauren Nicole Slade Tara Katherine Slade Hannah Dawn Slater Kylee Ann Slebodnik Amanda Nicole Slee Tamara Hatem Sleem Austin James Sliwicki Hannah Smaw Alexandria Danielle Smith Alexis Raquel Smith Austin Gregory Smith Barbara Anna Smith Brandon Scott Smith Case Hilliard Smith Christina Lynn Smith

Darren B. Smith Emily J. Smith Emily Lynn Smith Justin Zachary Smith Kelly N. Smith Madison Disbrow Smith Matthew Thomas Smith Philip Paul Smith Shannon Taylor Smith Adle T. Smithson Allison Lee Snell Jena Snyder Richard Keith Snyder Andrej Michael Sodoma, Jr. Amber Sogge John Anthony Solari Victoria Jian Solomon-Duda Bradley Dean Sommer John Lee Son Caitlyn Jean Sorensen Shaiann Sorensen Heber Sorenson Paola Soria Faith Lydia Sosa Alexander Matthew Soto Philip Henry Soucheray III Neil J. Southwood Hayley Anne Sowards Curtis Mitchell Sparks Makenzie Taylor Sparks Matthew E. Spear Haley Marie Spenard Kirsten Nicole Spencer Erin Michelle Sperduti Rebecca Lea Spiess Katriel Victoria Spiker Elleanna Marie Spinelli Daniel David Spofford Katryn Odessa Squyres Zachary St. Martin Tia Malise Staab Jenna Lynn Stadheim Brooke Michelle Staniforth Brooke Emile Stanny Michael Steven Staren Lauren Tavlor Stark Kendra Fern Starkel Dane Kyle Steadman Hannah Suzanne Steber Julianna Irene Steckler Joel R. Steele Sara Leigh Steele Cara Sue Steffen Donald V. Steiner Kaeli Stenroos Kyle Ryan Stenseth

Brianna Leigh Stephens Imani Christine Stephens Shayna Nicole Stephens Andrea Sterry Summer Charis Stevens Annawade Meris Stevenson James Spencer Stewart Paul Michael Stine Kyle Stinemates Cody James Stocker Collin James Stoffel Megan Michelle Stone Mindi Stone Noah Bailey Stone Sunny Kristen Storer Alexandra Rose Strachan Amanda Paige Strahota Logan James Strauss James Lawrence Striegel Pcveta Jerlin Stroud Isabel Martha Strouse Patrais Angeline Strzelecki Tiantian Su Mikka Andreas Suhonen Caitlin Aíne Sullivan Rachel Summers Owen Ensign Sumner Ferra Kristiani Suryani Erin Nicole Sussex Katherine Lanette Sutton Madison Murphy Sutton Mariko Suzuki Johanna Emilia Impala Svensk Taylor Catherine Swanson Brian Felix Sweeney III Kaylin Ruth Sweeney Cole Carson Swiszowski Larissa June Sykes Kerry Lynn Taft Nicole Caitlin Tai Arthur Edward Talbert Amit Tallapragada Sammi H. Tam Jiaqi Tan August B. Tang Nicholas William Tankerslev Doni Tapederi Kyle Zachary Tappendorf Hala Mariam Tarin Adin Jessica Tarr Bharath Tata Livba Tauheed Angie G. Mendoza Tavara John Tawiah Alix Andrea Taylor Autumn Betty Taylor

Brandon Nicholas Taylor Destiny Dawn Taylor Joshua Adam Taylor Justin Taylor Kristin D. Taylor Ryan Chin Taylor Nissim Dawn Tbakhi Tommy David Tedder Mckenzie Telford Kyra Leigh Temple Victoria Temporini Haley ten Hope Kimberly Midori Terasaki Paige Larissa Terhune Gelila S Tesfu Nicole Marie Tess Nicholas C. Theut Matthew Cole Thibodeau Nita Thirza Paige Nicole Thomas Stefanie Danielle Thomas Ashlee Thomason Keenan Duran Thompson Krista Ann Thompson Sara Nicole Thompson Tara Athlyn Thompson Taylor Thompson Cody Michael Thornburg Sydney Ann Thornton Craig C. Thorp Andrew James Thyng Talon Xalee Tiedeman Ashley Renee Tieken Brandon Duy Khac Tieu Jennifer Tilley Patrick Angus Tipsword Alicia Julynn Tittle Anna Tkachuk Troy David Tobaben Janna K. Tobin Kenneth Allen Tobler Nathan Alexander Tom David Joseph Tomè Sophia Mikaela Toomb Syera Monique Torain Alexis Renee Torbert Julia Amy Torline Rachel Teresa Torne Jenna Nicole Tornese Anita Totillo Steven Pak Toupin Christopher Touresian Robert Michael Tovar Jordan Catherine Tower Alise Denise Townsend Laura Xieu Tran

Lily Vi Tran Phuong Tran Sawyer M. Treese Kayla Ashley Trenter Kari Leigh Trimble Jonathan Trinh Charmaze T. Trinidad Shayna Marie Troftgruben Zachary Tronstad Rodney Truong Danielle Trussell Kyle Dax Tryon Ariana Yusof Tse Alison J. Tucker Briana Hardy Turner Charmaine Christine Turner Alavzha Tianna Turner-Rodgers Thomas Andrew Tyburczy Samuel James Tzakis Marley Reed Urseth Matthew M. Uvari Daniela Sophia Vakulchik Joshua Anthony Valadez Chantal Guevara Valdes Jose M. Valdivia-Castellon Nolan Richard Vale Karla Paola Valenzuela Kevin N. vanBenthuysen Leonard Vandekerkhoff Charlee Joan Vandenberg Elissa Marie Leyvas Van Horn Tanner Jacob Van Horn Jason Dru VanMeter Ivanna Raquel Vargas Perry Bialek Vargas Elizabeth Varona-Martinez Paulo Eduardo Barbosa de Andrade Lima Vasconcelos Joshua Hunter Vaught Diana Alejandra Vega Yanire Fabiola Vega Arturo Andre Fernandez Velasco Jessica Lynne Velke Russell Anthony Venegas Valerie Diana Vera Mackenzie Anne Vericolli Ria Verma Alexander Thomas Verner Kenneth Earl Vicencio Laura Jane Vickers Karen Victor Bailey Morgan Vidler Zachary Kwochka Vilen

Hugo A. Villagrana Edit Villalobos Jordan David Villar Hitomi Vinciguerra Alexander Vinuya Sanya Z. Virani Jorge A. Virelas Jessica Elisabeth Visser Bryan Minh-Tri Vo Michael Jeffrey Voeller Kaylie Ann Volpe Emma Sofia Voron Mariah Kalli Voshel Megan Marie Vosika Hayley Elizabeth Vrana Bryan Dinh Vu Nga Vu Trung Pham Vu Connor Christopher Vuong Melissa Korin Wackman Ryan Simene Waggoner Trevor Douglas Wagner Adrienne Joy Wakefield Ryland Gerald Wala Lauren Alexandra Waldman Dalton Keith Walker Jennifer A. Walker Amanda Rachel Waller Robert James Walls Bethany Sue Walsh Kelly Elizabeth Walsh Hailey Lynn Walters Michael Rockford Wanamaker Bohao Wang Shanjun Wang Yanchun Wang Yue Wang Zhixin Wang Ziyuan Wang Anna Cecilia Wanless Michael S. Warner Alec David Warren Jacob Warren Samantha Paige Waslewski Jakob Alexander Wastek Rhiannon Tara Watkins Alexander Thomas Watson Benjamin Watson Anneliese Wav Amie J. Weaver Joel Durant Webb Vanessa Michelle Webber Teresa Claudine Weber Anna Helena Lidwina Weel Colin Jeremy Weil Gabrielle Kate Wein

Samuel Weintraub Kylie Weinzierl Delaney Lucille Weise Julia Kristen Weiss Lauren Elizabeth Welch Rachel Welch Halev Jessica Welker Lia Kai Welkom Allison Jo Weller Rianna Lucille Welles Amanda Nicole Wells Zhengyang Weng Junhong Wengtan John Robert Wenig II Meghan Lindsay Werbick Robert Joseph Werner Kristin L. Wesson Alicia Marie West Amy Kristine West Sarah Beth West Jobana Westbay Austin Michael Westfall Kaitlyn Elizabeth Whaley Emma Megan Wheatley Elizabeth Christine Wheeler Justin Adrian Whetten Danielle Renee Whitaker Austin White Cameron William White Devon Michael White Jaegar Dean White Andrew Jon Whiteley Tanner Troy Whiting Ben Whitmore Mattie Louise Whitt Megan Colston Whittard Karley Lynn Wietharn Gerri Lynn Wilder Julie Elizabeth Eileen Wiley Sydney Morgan Willett Deijon Marie Williams Eric Allen Williams Savannah K. Williamson Mackenzie Christine Willingham Benjamin R. Willis Christopher Ross Willis Gina Ravago Willis Henry David Willis Zachary Kevin Willis Carly Faith Wilson Dallas Nichole Wilson Elizabeth Mae Wilson Joseph Austin Wilson Kevin Lee Winseck Mary Winters

Cassie Withrow Tyler Lee Witt Tammy L. Witzens Amy L. Wohlleber Ryan R. Wolchko Alexandra Casey Wolfe Morgan Lee Wolfgang Alyssa Lee Wong Geoffrey Hunter Wong Courtney Ann Wood Emilee Wood Jacob Cannon Wood Sara T. Wood Drew V. Worman Sabrina Talbert Wozny Andrew John Wright Annalise Wright Tayler Marie Wright Wendy Ann Wyatt Jamie L. Wyckoff Yilin Xie Xiaojin Xing Hang Xu Jake Johnny Xu Weiqing Xu Yuan Xue

Jared A. Yaccarine Mei Yu Ranee Yan Diego Roberto Yanez Jocelyn Arlene Yanez Lufeng Yang Tesheena Yazzie Thorin Cole Yee Ryan Yiu Kayla Kirstie Yoder Zachary Mitchell Yonke Sydney Alexis Yonsetto Meredith Caroline Young Arana Venise Yrastorza Legun Yu Vivian Yu Xueying Yu Rebecca Kaytelynn Zack Adrian Giovanni Zambrano Zoe Salina Zamora Karla Fabiola Zamudio Derek A. Zazueta II Mohamed Hussein Zeitoun Xochilt Xiomara Zelaya Jessica Zenda Alexander Walter Gerhard Zentgraf

Wyatt Garrett Zepp Michelle Christine Zevrah Jingbo Zhang Lei Zhang Luwen Zhang Muhan Zhang Qinge Zhang Xu Zhang Yuhang Zhang Zihan Zhang Haoyu Zhou Jingya Zhou Zhehui Zhou Meilin Zhu Yuqing Zhu Jillian A. Ziebell Kathryn Elizabeth Ziglin Jaeger Leo Zollman Isaac David Zolot Christy Zou Morgan Marie Zugelder Victoria Susanne Zulkoski Mason William Zwillinger

Magna Cum Laude: Designates those candidates with a cumulative grade point average of 3.60 - 3.79 for the course work completed.

Fardous Luai Mamoun Abbasher Joseph Scott Abdo Shugri Abdulle Breana Remedios Acosta James Frederick Adams Mia Bonita Adams Cole A. Adamson Adekemi Seri Ademuyewo Benjamin Udama Agbo Mackenzie Zoe Agosta Betsy Aguilar Hibah Agwani Roxanna Ahmad Sage Ahmad-Kirkendoll Maurice John Bahij Ajluni Cynthia Alaffa Sandra Gabriela Alarcon-Benedetto Andria Albert Emily Alcazar Areej Saeed M Aldar Abdullah Nasser Aldhubaib Falak Ali Al Eid Reem Mohammed M Al Enazi

Jacqueline Alexis Alexander Thessaly E. Alexander Eyad Ali S Alghamdi Abdulaziz S A A H Algheeth Abdullah Alhasawi Mahmood Saif Mohammed Khalifa Al Hinai Amanda Alibrandi Kalynn Marie Alicata Fahad M J A Aljalwi Lorraine Alibour Sulaiman Kh A A M Alkandari Maitha Tariq Mohamed Karama Alkatheeri Khadijah Eisa I Alkhan Brittany D'Ann Allen Makenna Noelle Allen Samantha Nicole Allen Abdulrahman Nasser Al-Mahmoud Khalid Naser AlMansoori Diana Almanza Abdulrazzaq Saud Saad Almasaud Ali Nadhem A Almubarak

Hamad H H F Almudhi Karina Alonso Bianka Rae Alonzo Majed Mohammed A Alqifari Hamad FAAH Alrasheed Rakan Salah S Alruwaili Mohammed Ibrahim M Alsalamah Maad Faisal J Alsasi Naser S A A S Alselahi Abdulrahman Khaled Mohammed Arhama Alshamsi Morgan Brittney Alston Tyler Michael Altamirano Lujain Ali U Althubaiti Collin Stephen Altmaier Crystal Marie Alulema Sofia T. Alvarez Mohammed W Kh S S Alyahyouh Ashley Michelle Amico Keziah Ampadu-Siaw Gabriel Matthew Amparan Mirela Ananieva

Alyssa Cerise Anderson Brooke Alexis Anderson Chase Douglas Anderson Patrick Ryan Anderson Robert James Anderson, Jr. Sarah Katherine Anderson Weston Tucker Anderson Kelly Andrade Matthew Thomas Andrews Alaina Lillian Anton Anahi Aylin Aranda Fernanda Araujo Hailey S. Araza Taidgh Aedán Archer Leonel Erik Arellano Susana Torres Arenas Jackelyne Stacy Arevalo Bianca Isabelle Argente Skylar Marie Arndt Christian Erik Arnesen Lauren Noel Arnold Randall Adrian Arroyo Madison Rose Ascher Aniruddh Immaneni Ashok Lauren Kelly Ast Annamarie Valencia Astorga Alexander Russell Atchley-Carey Nabil Attlassy Stella Alexander Atzenweiler Lindsay Ku'ulani Aubrey Devon Elizabeth Aulerich Justin Ausi Andrew Ryan Austin Brittany Austin Angelica Avelar Ashley Lupita Avena Giselle Lupe Avila Myrenia Aviles Mohammad Awadh Zachary Bruce Ayers Ahmad Amirul Aiman Azhan Gabriella Bachara Preston Thomas Bacik Matthew Stephen Bacsalmasi Morgan Kathleen Baerwaldt Tyler Scott Baker Wyatt Austin Baker Raquel Balderas Alyssa N. Balga Nicole Baltazar Azucena Esmeralda Garcia Barcenas Benjamin Scott Barchilon Ethan Joseph Barlow

Robert Barnai Brittany Barranco Samantha Campa Barraza Estela Torres Barreras Eric Salvador Barrientos Raegan Mckenzie Barry Raquel Lynn Bartelt Brandon Albert Barth Elizabeth Marie Bartz Ahmad Basiri Rachel Lynn Bath Devon Thomas Bautista Cole Zachary Baxter Anne Bazarnic Scott Bechler Connor Beck Jordynn Patricia Beedle Oron Bell Andrew H. Bellinghiere Brenton James Bender Nathan Eldon Benitez Drake Bennetch Steven Bennett Christie Nicole Bentler Chloe Anna Bergman John Chester Berkebile Jacob Morris Bernstein Vincent Mark Berry Olivia Noelle Besthoff Ana Laura Bey Joshua John Beyner Kevin Tim Bi Fanyu Bian Randy William Biersdorff Marten Arjen Bijvank Morgan Christina Bilinski Joseph A. Bingham Shelly Kay Smith Bird Kayani Marie Camacho Bituin Richard Madison Black Ryan Anderson Black Taylor Summer Blair Samuel Lee Blake Hayley Blakemore Irene Louise Blanchard Graham Robert Blanchette Jeremy Wayne Blankenship Brittany L. Blasko Ethan Andrew Boatright Julia Boenzi Karolyn Boes Kathrine Rose Bogart Chelsea Noelle Bomher Matt Bonaguidi Tavlor Jo Bond Kenneth Frank Bonilla

Stephanie Jo Bookout Arcelia Borbon Emily Suzanne Bordow Breanne Bornscheuer Allison Lynn Boston Lucas Zachary Botta Marissa Lynn Bourbon Joseph McDonald Bowman Blake Palmer Boxberger Kaitlyn Boyd Sarah Boyd Lauren Alison Brachfeld Kirstyn Pangsi Brandwein Samuel Aaron Branson Christopher Anthony Brashear Lee Michael Breisblatt Kvlie Brennan Luc Paul Brennan Hannah Shae Bresee Amanda Lee Brewer Naomi Maria Brewster Jessica Nicole Brickie Catalina Marie Brinkerhoff Logan Alan Brist Angel Brito Jonah Kenneth Brosemann Brennan Michael Brown Earl T. Brown, Jr. Eddie Ryan Brown Laila Monae Brown Robert L. Brown III Sarah Elizabeth Brown Seth M. Brown Luke Daniel Brownlee Maria Abigail Brunacini Chance A. Bruno Jesse Benjamin Bu Mitchell Lee Buckley Jade Bugsch Andrew M. Bui Austen Keith Alvarez Bundy Chloe Hart Burbank Patrick John Burm Cindy Burns Christopher C. Caballes Albert J. Cadaret III Xi L Cai Rebecca Noelle Calzada Fernando Baca Camacho Henry Scott Campbell Leslie Susana Campbell Jenna Renee Caneva Ashleigh Roxanne Canfield Gizella Canizales Joseph Alexander Cantu Lurissa Carbajal

Kasey Jordan Cardile Dylan Reed Cardwell Vincent Francis Carfagno, Jr. Zach Austin Carlson Elizabeth Dora Carnesi Eileen Guadalupe Carrell Hailey S. Cartwright Jennifer Nicole Carty Jose Luis Castaneda Armando Castellanos Thalia Giselle Castillo Adrian Castro Martinez Joseph Daniel Caulo Randii A. Cavanaugh Simon Cellard Benjamin Suad Cenanovic Jacob William Cerda Sydney J. Cereska Alec Nicholas Cerrillo Danielle Cha Marco-Alexis Reyes Chaira Terin Nicole Champion Devon Christine Chaney Amelia Chang Kylei Chang Ruihong Chang Ting-Feng Chang Kaleb Matthew Charanza Allison Ragan Charles Mary Elisabeth Chase Ty Chase Corando Chavera III Andrea Pilar Chavez Daniela Cristina Chavez Macie Alexandra Chavez Jayvion Samuel Chee Meijun Chen Sicong Chen Peco Chenault Robert Walter Chimel Aileen Thor Chin Emily Chodhary Kelsey Ann Christofferson Chase Patrick Christopherson Elise C. Church Jane Elizabeth Churley Jessica Cisneros Cordova Ashlyn Rose Clark Spencer Clark Philip Raoul Clarke Carli Beth Clarkson Calvyn M. Clatanoff Aaron Cleary Kyle Storm Cloud Morgan Elizabeth Cobban Alexandra Suzette Cobian

Alexandra Zelizer Cobos Colette Alba Cocquerelle Christopher D. Cody Albert Kyle Cohen Ana Claudette Coker Christian Kouta Colbert Marvin Deshon Colburt Bethany Rachel Cole Casey Todd Coleman Brandon Richard Colling Delaney Jennifer Collins Amanda Colon Joseph G. Conant Monica Ann Conidi Kristen Allissa Connelly Fernanda Paulina Contreras Tayler Lynn Coomes Gunnar David Coop Westley Scott Copeland Amanda Cordero Sarah A. Cortez Yesenia Cortez Calzada Kvle Costello Melissa Cotsonas Chandler James Cotton Abrahm Philip Coury Ronald Craft Judy Darlene Cram Alexandra Christine Cravener Andrew James Creasman Robert Todd Crocker Ivana Crook Brandon T. Crosby Katie Carole Cross Laura Jennifer Cross Alexandra B. Crowe Julianna Crozier Julian Antonio Cruze-Miranda Brittany Cude Daniela Norma Cuellar Rilev Ronan Culver William Marshall Cummings Aidan Bradley Cunningham Jared Cunningham Taylor Jade Curry John Dovle Curtis, Jr. Sara Cutrone Danielle Ann Cvelich Tresor Cyubahiro Ryan Czerwinski Angela Marie D'Amico Elizabeth Grace Dabdoub Yunhao Dai Lisa Marie Dailey Emilee Elizabeth Dalton Dieu Ngoc Dang

Thomas Minh Dang Ciara Jordan Daniels Neda Danilovic Roma Danishvar Jiacuo Danzeng Maxwell John Davies Avianna Lvnn Davis Hannah Davis Jonathan Davis Joshua Alan Davis Keaton Lee Davis Najale Ava Davis Spencer Davis Charles Calvin Dean III Kaitlin Ann DeBiasio Brittney Deckard Alyssa Renae Decker Kayla De Jesus Sarah S. de Jesus Sydney Ann DeJoy Clarissa Teresa De La Cruz Delaney Kiahna De La Rosa Wood Gary Wayne DeLeon Gabrielle Brianna Delgado Samantha Catherine Delgado Travis E. Delly Cole Wayne Demert Kelly Dempsey Enhong Deng Wenrong Deng Kevin Robert Derby Carissa DesJarlais Henry James Desmidt Anthony Dean Deters Celestte A. Diaz Angel Noel Dickson Katrina Rebecca Dickson Haley Tricia Lynn Didelotte Kathryn Jean Didier Gabrielle Elizabeth Diehl Megan Dieu Kayla A. Dillard Danielle Kiley Dimaya Jonathan Schaeffer Di Silvestro Ryan Christopher Dobrin Andrew Charles Doe Preston Lewis Dolenar Brady Alan Dominguez Ezequiel Dominguez III Carmen D. Dominguez-Navarro Desiree Amber Domitrowski Diandra Lynn Doppler Stephen Roy Downey

Joshua Matthew Dowty Trevor Driscoll Amy Tamura Drummond Travis Duchi Melissa Ann Nohealani Dudley Grace Ellen Dudzinski Jesse Andrew Duran Kiana Alexis Duran Kyle William Durrant Mackenzie Leigh DuVall Biaja Rose Earwood Sarah Lynn Eastom Brett Richard Eaton Matthew Anthony Ebuhardt Enyonam A. Edoh Naseem Sara Eghrari Alexandra P. Eid Jennifer R. Ekizian Jonathan Yair Elias Lance T. Elliott Terry Ellis Allyea Nikole Elwell Nicholas James Elwell Emily Marie Emch Nicole Marie Emmert Matt Engelhard Lauran E. Enquist Clarissa Enriquez Jessicah Lynn Ensley Rachel Alessandra Eroh Jaime Mario Escalante Hayden Alexander Ess Madison Rose Essex Hannah E. Eubanks Ashley Nicole Evans Jacob Daniel Evans Kassandra Ilene Eversole Ryan Patrick Everson Michelle Renee Eyink Caleb Arico Fabiano Derek Faerber Michael Thomas Falgien Grant Falvo Hilary Paige Fantine Alexandra Farmer Yzaac Farnsworth Elizabeth Fast Connor James Fegard Ashleigh B. Feiring Michelle Felix Brianna Nicole Feller Alexandra Fesler Devin Alexandria Festa Dominique Gabrielle Fiacco Sierra Nicole Figueroa

Luis Alfonso Figueroa Perez Allison Nicole Finkbeiner Elizabeth Mae Finzel Maxwell Solomon Fisco Christiana Jazmyn Fleming Nicole Danielle Floda Amanda Lynn Flores Esperanza Flores Lydia Alexis Flores Stephen Michael Flores Jacqueline Fonseca Gabriel Owen Forgie Matthew Alexander Fornof Haleigh Michelle Forrest Clayton Thomas Forry Luke Robert Forstner Cheri Dixon Fortenberry Nevada Anaid Foskit Jeremy David Foster Michael Ryan Foster Trevor Wilson Foster Ariel Francis Kyle Jacob Franco Amanda Nicole Frank Alexandra Nicole Franke Dakota Patrick Freeman Nathaniel Freeman Christopher Frias Kate Joelle Fricker Stephanie Richers Friend Kristi Ann Fruhbauer Michael Akira Fujimori Jordyn Marie Fulton Catherine Grace Furphy Rachel Marie Fuson Sabrina A. Gacke Robyn Elizabeth Gaines Justin Matthew Gaither Christopher Galaviz Addison Morgan Gallegos Nicholas Galvach Natalie Renae Gamboa Trina Ganatra Klariz Glen Mandac Gapusan Michael Garber Andy Garcia Elizabeth Garcia Emily Garcia Jesus H Escalona Garcia Leticia Eneyda Garcia Paul Jamison Gardner Abbey Gargano Rebekah Marie Garrett Cody Hunter Gawlitta Nenwe Geeso Rachel Geiser

Grace Meredith George Leslie Marie George Shannon Christina Geraty Katelyn Marie Gerressen Hannah Elizabeth Gibson Maikki Robin Giessler Alaina Noelle Gignac Anais Victoria Gilder Ryan H. Giltner Emily Ann Giordano James Joseph Giorgi Keenan William Giuchici Stojanche Gjorcheski Chenav Gladstone Katie Marie Glenn Madison Taylor Glennen Brandi Denise Goeth Dallas Brooks Goldring Alexa Angel Gomez Andrew Marcio Gomez Esmeralda Gomez Alereese Cyndee-Ann Gonzalez Bryan Gomez Gonzalez Monica Isabel Gonzalez Vicente Gonzalez, Jr. Ian Lawrence Gore George M. Gorinac Daniel Michael Gorski Rohan Barthakur Goswami Laura Gothard Christy Maria Goudamanis Bobbi Anabelle Gracia Reyna Maria Gracia-Espinoza Veronica Camille Graff Alec Tyler Grafil Ahjahna Samandalynne Amacker Graham Emily Marie Graham Sierra Marie Granillo Jeremy Nathaniel Grant Marko Montana Green Tyler Christine Greene Ely Conrad Greenstein Alex Raimondi Greenwald Miranda Rose Greer Torsten Markus Greife Katie Marie Greivenkamp Jared Greufe Molly Kathryn Griffin Hannah Noelle Grigsby Sierra Grubb

Jialu Gu

Natali Guevara Rodriguez

Stephanie Ceron Guicho

Sebastian Armand Gumbs

Nicholas James Gushue Brianna Marie Guthrie Joseph Daniel Gutierrez II Melissa Anne Gutierrez Vanessa Gutierrez Angelica Trinidad Guzmán Zari Kai Hacker Timothy Russell Hadden Jessica Mireille Hajjar Jamie L. Hakes Matthew James Arnold Halden Tanner Hall Macie B. Hamblen Rebecca Ann Hammer Barizah Syahirah Hanim Adam Thomas Hanrahan Ashley Marie Hanson McKenna Michi Kahanumaileokameaaloha Hanzawa Hanna Kay Harbula William Richardson Hardie III Rebecca Taylor Hardin Charles Steven Hargrove Brooke Harman Heather Lee Harrenstein Kahri Harrion Natalie Anne Harris Lauren Elizabeth Hart Tiffany Hartono Chiara P. Harvey Fatima Inayah Hasan Kathryn Victoria Hasko Tyler Douglas Hatfield Thomas James Haver Alexis Teresa Havins Kathryn M. Havrilla Samuel Andrew Hawkins Danielle Haworth Caleb River Haynes William Roff Hays, Jr. Jialing He Siqi He Cullen James Hedin Trevor Heffner Lauren Elaine Heimbach Kaitlyn Michelle Heineking Heather Dawn Heinrich Arijana Helbet Madeline Yvonne Helsing Mahalia Ella Hemingway Sarabeth Baxter Henne Robert Jerome Henning, Jr. Thomas Louis Henning III Alexandra Ann Henry Chloe Brooke Henry

Andre Lawrence Herbert Gwendolyn Noel Herman Beisha Lynne Hernandez Francisco E. Castro Hernandez Luis Fernando Novelo Hernandez Derly Herrera, Jr. Carmen Herron David Scott Hershkowitz Sydnee Avery Hertle Sawyer Hess Kathryn Sarah Hesser Briana Chiemi Hickey Kaycee Lea Hightower Hope Jehng Hill Kyler Matthew Hill Richard Andrew Hlawek Yi-Chun Ho Brian Hung Hoang Kristen Taylor Holcombe Natalie Jane Hole MacLain David Cordeiro Hollerbach Lucien Xavier Hollins Allyssa M. Hollis Chase Holt Emily Hong Madison Joan Hoobler Hailee Hook Robert Hopefl Mackenzie Ariel Horn Corinne A. Horton Tess Hotchkiss Carrie Lyn Hough Hailey Tyann House Cody M. Howard John Richard Howe Morgan Riley Howe Jonathan Matthew Hrovat Songwei Hu Hao Huang Xiaocan Huang Carrie Ann Huft Andrew Hughes Kyle James Hull McKavla Hull Liam Andrew Hundley Kristine Hutchinson Alex Huvnh Danny Huynh Paula Maarit Iman Adrienne Nicole Ingram Michael Adam Ingrassia Irelan Hope Inoshita Nina M. Ionta Federico Luis Irizarry

Sierra Marie Irvin Edward Richard Isaac Hamida Ismail Martin Ivanov Diana Jablonska Tatum Emily Jackson Miranda Sophie Jacobs Kelli D. Jacobsma Madison Emily Jacoby Josey Opichii Jagelski Peyton Alexandra James Christopher Clinton Jameson Gianna L. Jamison Ines Janiic Kevin Lee Jasso Nour Tahreer Jawad Wesley John Jefferies Laura Antonia Jenner Conner Reed Jennings Connor Yasir Jensen Spencer Jensen Teig Walker Jewett Boze Jiang Willie Jin Esther Io Britney Janae Johnson Craig R. Johnson Matthew Johnson Brianne J. Jones Hannah Noel Jordan Nicholas Keith Jorgensen Apar Josan Edwin Jose Amal Joy Teresa M. Joyce Jorvann Joynt Jena Kim Jozwicki Kiok Jun Justin J. Jurgens Jacquelin Marie Kaercher Ephrance Peninah Kalungi Jamie Kamantigue Jake Joseph Kampf Aneel Singh Kang Younglok Kang Mia Georgia Karandreas John Patrick Karczewski Clara Kartner Dallas Kaspar Ari Kaufman Kaylin Kaufman Shihong Ke Katherine Ann Keane Jillian Marie Kelley Christian Patrick Kelsey Saskia Mildred Kemp

Georgina Michelle Kennedy Amanda K. Kephart Dillon Kepler Nestazia Nisa Khamis Farhan Khan Khera Myat Oo Khin Mariah Joanne Khorasani Zahra Abdulhadi Khuraidah Lauren Jae Kieffer Quinn Alexandra Kielman Kevin John Kiem, Jr. Cecile Kim Tristan Thomas Kimball Marykay Ai Kimura Caitlyn King Dexter Nicholas King Noah Michael King Alexandra Linde Kinghorn Marissa Kinigson Ryan Moore Kiracofe Jasmine Kaitlyn Kirby Alex Ander Kirvan Justin Andrew Kistler Michael Kittok Esperanza Amor Kitzman Tyler Jordan Klassen Kyla Monique Kleman Matthew James Kling Kolby Tronier Klingler Gunnar Kristian Klinker Erica Marie Klipfel Cheyenne Knippelberg Katherine Lynn Knoll Nicholas Joseph Knott Alayna Taylor Knutson Ryan T. Ko Bailee Elizabeth Koehler Xinjuan Koh David Gerald Kohler III Garrett Paul Kohlman Christopher P. Koines Kaitlin Blythe Kollasch Brandon Craig Kollmorgen Erin Soo-Jung Kong Sreya Kosaraju Phillips Andrew Koss IV Cal Jameson Kothrade Tiferes Kraft Jack Griffin Kratzer Devin Alexandra Krauter Ariana Nicole Krouse Joshua Krueger Rohit Kumar Lindsey Kay Kupres Carter Kwon Karly Labass

Hugo Lackmann Enrico Robert Lage Samantha Lynn Lake Evan R. Lambertson Tamar N. Lamy Christopher James Landry Dae Lantz IV Sadie Mae Larsen AmberCherie Lasala Tammy Oi-Kwan Lau Olivia Nicole Laughlin Brooke Elise LaVelle Kim A. Lawson Margaret Mae Lawson Andrew Benjamin Layton Hanna Layton Amy Tuyet Le Linh My Le Brenden Robert Leader Abraham Andrew Lee Daniel Lee Hwee Mei Lee Joanne Lee John Chester Tim Hook Lee Ju Lee Jun Hyuk Lee Leena Sang-Ji Lee Sara Lee Sojeong Lee Taylor Ann Lee Chloe Jane Legg Bailey Marie Leggo Sabrina Christine Leigh-Godfrey Logan James Leinbach Arielle Elizabeth Lemke Christopher N. Lenhart Tyler Davis Lent Dakota Lee Leonard Dominic Joseph Leonetti Marcus William Leopard Chuan-Yu Leow Allison Levin David Levy Tori Alyson Levy Kyle Jason Lewis Qing Li Shuang Li Zihao Li Adara Rae Lialios Justine Oneida Liebert Sarah Renee Lierman Jacob Lille Matthew Thomas Lillie Hongling Lin Leo Lin

David Jennings Lind Samantha Sharon Lind Brandon Lippens Mishaela Elizabeth Littlefield Dewen Liu Jiahui Liu Zhikai Liu Zining Liu Lauren Syarra Lofy Aleisha Love Loken Cheryl Frances Lola-Pope Daniel Francis Loonam Betty Diaz Lopez Jasmin Isabel Lopez Juan Raya Lopez Natalie Mary-Rose Lopez Sonia Magali Lopez Steven Christopher Lopez Antonio Lopez Serrano Julia Lorence Cydney Nicole Louis Noah Armstrong Loumankin Blake Love Andrew T. Loyd Serena Loyola Vanessa Duran Lozano David Lu Trevor J. Lucero Linda Sue Luchsinger II David Robert Luecke Christina Jean Lufkin Brian Christopher Luis Jorge Luna, Jr. Tongxin Luo Sarahi Perez Lustre Paula Marie Luther Rylee James Lutostanski Jakob Landern Luttrell Logan Todd Luzzi Travis Benjamin Ly Jessica Marie Lynn Thomas Stewart Lyon Emily Margaret Maas Rachel C. Macias Austin Jacob Mack Henry Aloysius Mackey V Emily Elizabeth Madrid Manuel Onorato Sandoval Madrigal Marielle Maggay Allison Marie Maguire Zein Al Abidine Mahaidly Aysha Mahmud Nicole Lynn Maier Sara Mailatvar Nathanael D. Mains

Alyssa Majuta Ana Maldonado Carla Mariana Maldonado Marcus Maldonado Victoria Youil Mamook David Laurence Mancuso Mary Rachel Mani Caleb Shawn Manning Karim Mardambek Natalie Anne Marez Nicholas R. Marinig Andrew Frederick Mark Logan A. Maro Chance William Marostica Alyse Carmilita Marrietta Shannon Margaret Marriott Adrian Tong Tong Marsh Nicolas Marshall Olivia Jane Marshall Dwayne Jeffery Martin William Ian Martin Destinee Gabrielle

Martin-Karim Yandy Garcia Martin Rianna Rose Martinez David Martinez Montenegro Tavia R. Matteson Nicole Ashley Mavrogeorge Greybeckett Maxwell Mackenzie Elizabeth Maxwell Kristine Anne Mayormita Madison Lynn McBeath Heidi Suzanne McBreen Connor Thomas Mcbreen Kyle Morgan McCall Zachary Jordan Mccarty Hunter William McCollum Richard N. McConnaughy Steven Michael McCormack Blaine Robert McCormick Thomas Joseph Mcdonough Quinn James McElroy Joshua James McGinley Keiryn S. Mchenry Michael Shawn McKee Rachel Jeanne Mckelvev William Z. McKinney Elizabeth Rose McMillan Brendan Eric McMullen Stormie Mikayla McPherson Matthew James McVeety Aaron McWatt Grayson Michael Meadows Tyler William Mebane Alixandra Christina Mei Randall John Mellinger

Samuel Joseph Meltzer Alecxis Renee Meneses Shanshan Meng Jessie Allyn Meredith Lindsey Lee Merle Mikayla Mertz Emily Claire Messman Devin Metcalf Emily Camille Meyer Megan A. Meyer Vivian Mariza Meza Alec Francois Michael Karsten Raye Mickelsen Garrett Greg Middleton William Austin Middleton Chase Michael Miller Cole Ryan Miller Stephen Michael Miller Vincent Joseph Miller Alex Michael Mills Makayla Rose Minch Kaitlin A. Minervini Tania Manuela Miranda Zoe Madeline Mirviss François Georges Mirza II Nicole Misko Natalie Maria Mitchell Ryan Kenneth Mitchell Raelani Rankin Miyagi Amber Marie Moffatt Adam Gardner Moldowan Cory Lee Molina Mackenzie Mollohan Patrick Lee Moloney Kelsey Irene Monteith Jacob James Montgomery Taylor Montonye Cynthia Cassandra Montoya Nerissa Alexia Monzon Joshua Rian Moore Diana Marisa Gutierrez Morales Jazmine Aglae Morales Todd Nicholas Morales Abigail Morales Encinas Erin Claire Moran Sarah Elizabeth Moran Athena Katelynn Morgan Katie Rose Morgan Susanna Snow Morris Vedad Mostarlic Dhruva Srinath Moudgal Gergey Alzaem Mousa Lincoln Mtemeri Hamad A M A Mubarak Emily Isabella Mudge

Melissa Kathleen Mueller Seyla Karine Muise Sarah Michelle Mulcahy Amanda Mullan Sean Michael Munroe Peyton Lee Muralt Jordan Michael Murphree Thomas Joseph Murphy Karina Murrieta Sanhareb Quryo Nano Alejandra Bianey Naranjo Andrew Kenneth Nash Page Jessica Nash Victor Nava, Jr. Cassaundra Gabriella Navarro Cosme Daniel Navazo Shannon Lee Needham Jordan Tanner Neel Isabel Alis Nelson Jakob James Nemetz Jared Arthur Nettles Brianna Paige Newman Elliott Logan Newman Dylan Newton Natalie Nicole Newton Zachary William Newton Thao Nguyet Ngo Keana Hong Nguyen Nhi Nguyen Peter Nguyen Quan Hoang Nguyen Steven Minh Nguyen Ryan Joseph Nicely Christian Malaiba Nicholas Bennett Slater Nichols Baili Nichter MacColl Leon Nicolson Robert Niemann Judith Michelle Nienhardt Janet Realis Nievarez Jeffrey W. Nightingale Bailey Nikkila Robert A. Nilles III Derrick J. Nishi Kienen James Nordlie Lorenzo Enrique Norrid Audrey Lynn Nyby Jack M. Oberhaus Emily Ann Obermeyer Sarah Ann Oblinger Ellen Anne O'Brien Kelsev Katherine Obrien Amanda Obusan **Bailey Nicole Ocarroll Bailee Nicole Oden** Kamani Odina-Herbert

Tracy Michelle Okonya Blake James Olinyk Daniel Robert Olsen Kyle D. Olson Sami H. Omais Danielle Marie Ondrejech Stephanie Louise Ong Aleksandar Opachich Mckenna Estelle Opland Madeleine Grace Ordiway Alyssa Dawn Organ Melissa Orosco Adriana Orozco Samuel Ortiz Connor Osgood Corbin Jonathan Ott Collin Robert Overall Amanda M. Overholt Madisen Rose Owan Daniella Leah Ozair Brandon Pacheco Brittnee Pacini Mariah Padbury Finn Elijah Palamaro Derick Palmer Travis R. Panuccio Katie Elizabeth Paoli Alexandros Papamatheakis **Emily Ann Paris** Esther Eunwoo Park Melanie Ann Parke Kevin Thomas Parkinson Gianna Parlich Dulce Parra-Barrera Blake Parrish Ryland Jacob Pashovitz Rachel Jessica Passer Andrew Donald Patag Lea Terese Patek Kyla Makenna Paul Julia Christine Paulus Autumn Peck Devinee Aleesa Peebles Rita Peera Zachary Michael Pekala Walter Antonio Penate Cody Pendley Kiran Vinaysai Pendyala Haley Frances Penny Joseph Peral Rachael Peretic Alanna Jenee Perez Daniela Perez Van Perez Priscilla Ann Pérez Makayla Elizabeth Perkins

Johan Krister Persson Achirin Peter Erik Wayne Peterson Rebecca Jane Peterson Katherine Petkus Alexander James Petras Brooke Renee Petsch Samuel Michael Pfab Huyen N. Pham Sean Lacquan Phan Garvin Franklin Phillips Jessica Aralya Phipps Lovender Teresa Phiri Nikolas Eduardo Pianelli Mackenzie Elizabeth Pickering Cheyenne Ixchel Piepmeyer Rachel Lorelei Pietrzak Karolvn Ann Pille Victoria Marie Pinto Tinisha Rose Pitterle Monica Pius Nermina Sema Pjetrovic-Swarms Lashon Placencia Jasmine Allison Kelly Sharon Colleen Plocher Hanna Rose Plotnik Nina Mary Pole Joseph Rocco Poliseo Noah Michael Pollack Jordan R. Pomeroy Aditya Somayajulu Ponnapalli Savannah Shea Poore Terryn Ann Popham Lauren Nicole Porter Megan Margaret Porter Ksenia Virginia Poujlivaia Brandon Wayne Powell Joseph Charles Pratt Paulette Preciado Joliene Martinelli Presseller Emily Anne Pritchard Bechét LaJean Proto Emily Purdy Shuting Ou Aliyah Danielle Qualls Sara Cristina Quiñones Chandler Race McKenzie Lind Rains Mallika Candalese Rajapakse Kamau Khary Ramadhan Jennifer Ramirez Salinas Daniel David Ramos Hunter Santiago Ramos Rinka Moon Randall

Sean Edward Randall Matthew Owen Rapier Neil K. Rastogi Sajana Sathsara Ratnayake Markanday Ravi Hanny S. Rayes Christopher Paul Reah Hannah Elisabeth Reeb Allison Louise Reestman Ellery Avelin Rehovsky Amber Michelle Reicks Natalie Elizabeth Reitz Shuo Ren Xinvi Ren Amelia Hepburn Rennie Antonio Gregorio Reyes Berenis Reyes Itzel Magana Reyes Liliana Marie Reyes Jason Benjamin Reynolds Cassandra Rose Rezac Kelly A. Rice Bari Dudley Richardson Bradley Richardson JamieLee Richardson Simeon Andrew Richmond Amberly Frances Ricks Ted Estevan Rico Lorena Nicole Ridley Alyshia Riggs Kristen Eva Riggs Darcy Arlene Rinaldo Jeffrey Michael Rinehart Katherine Angela Riordan Alicia Rivera José Luis Rivera Sade Rivera Jennifer Ann Rizzo Racheal Kristine Roberts Angela Marie Robinson Rachel Lynn Robison Alyssa Marie Rodarte Adrian Fernando Rodriguez-Gonzalez Kaitlyn Nicole Rogers Elizabeth Rojas Jennifer Roman Alexandra Romano Jose Manuel Romero, Jr. Rosa Angelica Romero Miryam Lisseth Valdivia Romero Anevssa Renée Romo Severiano Antonio Romo Tayler Ashlie Roost

Nicole Marini Escalona Rosales Michael Rose Joshua Harry Rosen Brenden Allen Rosenthal Nolan Christopher Ross Olivia Ross Linda Katherine Rossal Ryan James Roubison Jackson Samuel Roy Alissa Royle Chongwei Ruan Shirley Ruan Andres Alfredo Ruano Kelli Erika Rubino Kyle Russell Ruggaard **Timothy James Ruiz** Clayton Russell Connor A. Russell Sarah Russell Samuel J. Russo Jessica Rutherford Lexana Marie Rutz Brennan F. Ryan Christopher Patrick Ryan Pamela Sager Cassandra Marie Saine Justin Joseph Saint-Amour Stephanie Amairani Vázquez Salas Eduardo Salazar, Jr. Lindsey Marie Salazar Osama MAMA Saleh Alejandra Salinas Mason Salisbury, Jr. Marco Josemaria Sampedro Alec Jesus Sanchez Alexandra Hope Sanchez Nabil Sanchez Omar Sanchez Marquez Kiara Aylin Sanchez-Arzate Maiya Danielle Sanderson Ernest Herman Sandoval Madeline Claire Santin Rebeca Sarabia Emily Elise Sarten Tudor Mihai Sasaran Steven James Sawtelle Rory John Scanlon Jaron Wayne Scarbrough Corrine Helen Schaible Shiloh Schardt Gina Christine Schepis Rachel Schewe Ali Katelvn Schierbrock Aaron Schmidt

Julia J. Schmidt Christopher Ryan Schneider Mitchell Austin Scholing Canyon P. Schubert Nathaniel Luke Schuckman Samantha Jo Schutkowski Sydney Schutkowski Kyra Nicole Sciabica Nikole Mary Sciortino Adam Tyler Scoggan Amanda Scoglio Piero Angelo Scorzo Devyn Robert Scotford Leann Scott Tanner James Scott Katrianna Marie Seanez Maigan Ashlee Sedate Jemma Rachel Seeley Matthew C. Seelig Jeremy Michael Seidner Matthew Seiwert Kasey Ann SelveyGould Yoorina Seo Annette Serrano Madison Nicole Shaffer Shail Shah Junru Shao Zachary Adair Sheahan Juliet Hope Shelton Fengzehui Shen Courtney P. Sherman Soumya Shetty John Elliott Shippy Lauren Amanda Shirley Nicole Rita Yono Shotwell Jacquelyn Jean Sill Anna Maria Silva Tyler John Silva Zachary George Silva John Francis Silvester Andrea Nichole Simms Eleanor Simpson Trevor Lawrence Simpson Alexander Tristan Sims Natalie Rose Sirois Bethany Lynn Skabelund Bradley Vahan Skenderian Gage Tyler Skidmore Madelyn Sophia Skopak Isaac J. Slepian Emma Slominski Eric Richard Slovak Brett Walter Smaga Ashley Nicole Smeykal Alicia Noreen Smith Amanda Teresa Smith

Brandon A. Smith Dylan Randall Smith Jessica Smith Joshua Michael Smith Katherine Jane Smith Kenneth Lane Smith II Madeline Grace Smith Matthew F. Smith Nathaniel Jacob Smith Steven Andrew Smith Taylor J. Smith Zoe Hunter Smith Zoe Anne Smith Senan Smoudi Natasha Rayne Snider Jenna K. Snittier Sarah Brianne Soaf Carlos Jashan Tello Solano Vasishta Somavaji Miles Kazumi Soo-Hoo Corey Garcia Soto Lorraine Abyghil Soto Nicholas F. Soto Serra E. Spargo Corey Kimble Specht Arturo R. Spencer Tinisha N. Spencer Sydney Amalia Spicer Erik Powell Stahl Steven Jeffrey Stamm Alex C. Stanley John Richard Stanley Riley Stanton Michael Andrew Stears Matthew Steber Janeane Marie Stefaniak Maja Stefanovic Stacey Rita Stefanowski Natalie Lynn Stephens Alexander Wade Stevens Lindsey Marie Stevens Margot Elizabeth Stevens Alexis Nicole Stewart Damien Brandon Stewart Jamie Stewart Kathlene Elizabeth Stewart Taylor Danielle Stickelman Tanner Douglas Stinson Cherise Stotts Jack Donald Stransky Grace Bailey Strasser Jakob Alexander Stridsberg Kevin Olaf Strozyk Stacy Faith Stuart Brendan Sturm Drew Sullivan

Li Sun Shangyi Sun Shangying Sun Han Soo Sung Brianna Christine Svartoien Jakub Swiech Catherine Swingle Angeline Cora Marie Taddeo Breonna Winn Tah Jonathan Nathan Talos Anglie Christena Tamayo Boon Lee Tan, Sr. Jacqueline Christine Tappan Heba K. Tarin Trent A. Teixeira Tanvi Gopal Tendolkar Harshit Thacker Ero Ioanna Theodorakopoulou Quinn Reilly Thibeault **Emily Ann Thimjon** Michelle Thomas Abigail Ann Thompson Alyssa Brianna Thompson Ashley Thompson Natasja Rae Thompson Savannah Blake Thompson Tiffany Lee Thornhill Nathaniel Dale Thrash Mary Madeline Thurston Yasmin Tijerina Nathaniel W. Tilden Kyle Robert Tillack Samuel Graham Tinlin Zachary Daniel Tisch Michael David Titus James Keegan Tobin Jordan Cecile Todd Noah Blackford Todd Sloan Tomasello Jada Frances Tomlin Kevin Torres Luciana Esther Torres Anthony Matthew Totri Jason David Toumbs Cassidy J. Towner Brooke Marie Tracy Vyvian Tran Jennifer Frances Tripp Rebecca Lynn Trisko Benjamin Troglia Ashley Nicole Trojanowski Chavna Truex Alvarae Tsosie Margaret Ann Tucker Ulbert Ulama Maming Tugung III

Skyler Tucker Tuholsky-Froke Marchemay Piila Tuiletufuga Trevor Bradley Tumas Branden Kent Turley Jaffalie Twaibu Nathaniel Joseph Unruh Susan Elizabeth Upston Alexander Andrew Uraine Lorraine Urie Leonela Y. Urrutia Nikola Uzelac Samuel Chase Vaccaro Kelly Ann Valdez Steve Valencia Andres Valenzuela Rvan William Van Bussum Carly Faith Vanderkolk Shizuka Maxx Vanderpool Maureen Veronica van Dobben Jakob Oscar Van Dusen Natalie Victoria VanHolbeck Zachary David Van Kanegan Kaitlyn Chantal Vanklompenberg Ishaan Narendra Vaze Robert Manuel Vazquez Emily Liane Vechiola Michael Veli Lisa AnnMarie Ventrone Madelyn Nicole Vermeesch Brianna Nicole Vesco Zachary Tyler Vesledahl Bonita Linn Vidaure Andrew Leo Villalobos Austin James Villar Madeline Giulia Vitale Benjamin Douglas Vitón Sunny Vo Jacqueline Vogt-Garcia Noël Maria Yvonne Svetlana von Mizener Linzy Jane Voytoski Tesslyn Faith Lyons Wagner William J. Wagner Nathan Douglas Waitman Haley Marie Waldvogel Sanna Walia Jacob Walker Robert Joseph McComas Walker Bowen Wan Aiyue Wang Huawei Wang Jiaxin Wang Yazhuo Wang

Yiye Wang Yueyi Wang Yujia Wang Ziming Wang Kyle Ward Erin Susan Weant Robert Kenneth Weaver Christina Marie Webb Corey Thomas Webber Amaya Elizabeth Webster Minghan Wei Zihan Wei Vincent Robert Thornbro Weis Shelby Jordan Weiss Sally Patricia Welbourn Dwight M. Wells IV Rebecca S. Weltman Brandin T. West Amanda Westerlund Michael Anthony White Zachary Michael White Shane Michael Whitley Jeffrey Jackson Whitten Marissa Ann Widener Phelicity Wiese Renee Marie Wiggins Oksanna Noelle Wildrick Shelby Joclyn Wilkerson Elizabeth Wilkins Grant Wilkinson Spencer Mark Wilkinson Theresa Wilkinson Chasen Lee Williams Margaret Quintero Williams Paige Williams Daniel Williford Jestina J. Willis Conner Michael Willson Bryan Wilson Jacob Andrew Wilson Julian Matthew Wilson Sarah Michele Wilson Sean Wilson, Jr. Megan Leighanne Wimberly Anne Julia Wimmer Katherine Joy Winchester Charles Kurtis Wishmeier Abby Ann Wojtas Madison Michelle Wolf Mia Khleo Wong Ngai Wong Bradley Creighton Woods Aimee Nicole Woodward Blake Woodward Tyler Woody Brett Christopher Wooley

Danny H. Wright Eric Andrew Wright Sarah Ann Wright Isaiah Robert Wrinkle Gujing Wu Jingwen Wu Shuyi Wu Tongtong Wu Qing Xia Chenyu Xiao Lan Xiao Jing Xie Qin Xu Yiqin Xu Naherin Destiny Yaghoubi Eri Yamamoto Mingyue Yang Yanjing Yang Yijia Yang Brittmarie Ella Yarian

Xinhong Ye Jesse Yepiz Ning Yin Bleta Ymeri Angela W. York Cassidy Yoshiyama David Wayne Young Yassin Youssfi Wenan Yu Senbao Yu Alan Hang Yuan Fang Yuan Cassie Lynn Yurich Manuella Yushuvayeva Tavai Ann Zaysoff Juan Carlos Zazueta, Jr. Courtney Elizabeth Zeitler Armida Maria Zepeda Jiajia Zhan Boming Zhang

Jiaming Zhang Xue Zhao Junmin Zhong Zimeng Zhong Guanyi Zhou Chen Zhu Qiushi Zhu Shicong Zhu Xinyi Zhu Jadyn Dru Ziegler Georgia Kaye Zobel Grace Noel Zobel Cynthia Fiorella Zuin Abigail Marie Zurbriggen Jesse Allen Zwick

Cum Laude: Designates those candidates with a cumulative grade point average of 3.40 - 3.59 for the course work completed.

Abdullah Omar Abdullah Ryder Abellera Emily Anne Adams Madison Ashlee Adams Adrianna Lynn Adkins Shaina Lanae Aellig Rexhina Ago Adalberto Aguilar Hugo Armando Aguilar Pilar Nicole Ahmann Connor Dalton Aitken Kimberly Ogochukwu Ajayi Jean Pierre Akingeneye Amer Mohammed A Alamer Byron Andres

Alarcon-Benedetto Ali Abdulla Abdulkarim Alarif Yasmine Alatriste Saud Al-Bakhit Julianne P. Albano Mohammed Abdullah Albasha Farhan Jamil F Al Dandany Abdulaziz Ahmed A Aldayini Jennifer Alderman Mohammed S J H Aldhamid Lauren Alexis Aldrich Noah T. Alegria Mohammad A S M Sh Alenezi Musaed Saleh Alenezi Tess Marie Alexander Sulaiman A S A E R Alhajeri

Omer Hamed Ali Alsafi Alhashmi Abdihakim M. Ali Nassrin Abril Aliabadi Niloofar Alizadeh Mohammad A M A Aljasem Melissa Ashley Allen Joseph Anthony Allie Calli Laine Allman Ahmed Ibrahim Ahmed Saeed Almansoori Abdullah Mansour A Almansour Diane Janet Almendarez Abdulla Mohammad Darwish Almheiri Maayan Mina Almog Mubarak Moayad Almubarak Yousef M H B N Almutairi Omair Abdulla Salem Khalfan Alneyadi Mohammad Aloabid Ebraheem H M R M M Algahtani Faisal S S M Alqahtani Saad Mohammed Y Algashanin Mohammad BAHAAlqattan Mohamed Jasem Taresh Ateeq Alqubaisi Eman A. Abu Alrahi

Khaled AFAA Alrashidi Abdullah T A M A Alruwaih Eisa Alsaffar Yacoub Al-Sakkaf Razan AJ M A Alshehab Hamad W H H H Alsuraie Mohammad N E F M Alsuwaihel Abdulrahman A A A Altaweel Abdulrahman Salem Abdulrahman Mohammed Alteneiji Saeed Salem Kbaish Binhumood Alteneiji Farah Al Yasari Maria Teresa Singh Amezcua Parth Anand Gwendolyn Dianne Anderson Misha Carolina Ruiz Anderson Thomas Anderson Kelsee Linn Andrews Christopher Miguel Applewhite Julien Cole Franconi Aquino Victor Arevalo Romann Fuentes Arizmendi Esteban Armenta, Jr. Gabrielle Nicole Armienta Megan Armstrong Amber M. Arnold Max William Aronovitz

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Brittiny Annett Arredondo Courtney Arredondo Natalie Arreola Alexandra Josephine Arroyo Maria Jesus Arteaga Amanda M. Ashley Brandy Lynn Ashworth Jodi Leean Assise Zachary W. Ater Jessie Cody Atkins Tun Ye Aung Josemaria Casas Avelar Kyle Robert Aycock Aaron Andrew Azze Leanne Nicole Babigian Janice Baca Sherrick McDonald Bader, Jr. Lauren Bae Jesse Mae Baer Taylor Melissa Bakeman Alex Anton Baker Charles Henry Baker IV Chenoa Claire Baker Nasser Abdul Baki Lindsey M. Ball Jessica Lynn Ballard LisaMarie Bandin Stephanie Lynn Bang Joy Banks-Chapman Yueming Bao Hassan Yaqoub Baqer Marco Antonio Gutierrez Barnett Steven Roger Baron Samantha Marie Barr Celeste B. Bartlett Andrew Tyler Baswell Beerjas Singh Bath Colin Bauer Joshua Raphael Reyes Bautista Roger Bautista Trevor Bautista Jordyn Janelle Baxter Zachary Baylor Carina Logan Bayus Aspen Beals Justin Robert Beard Julia Kathleen Beatty Natalie Nicole Beaulieu Kelsey Heather Beck **Olivia Frances Beggs** Madelaine Anne Beitzel Yasmeen Belgaied LeJon Bellamy II Brittany Leigh Bellissimo Javier Benavides

Angela L. Bender Alysa Chevenne Bengson Angela Marie Benitez Ouenten Lucas Benner Kirene Gail Bennett Alexis Nicole Berdine Moon Hadgu Berhane Harli Berk Adam H. Bevier Tiara Bidjou Ian Dennis Biggane Mary-Kate Alexandra Bilazzo Ian Nathaniel Birl Kellv Bitler Aimee Shanay Bittinger Christine Thespina Black Nathan Blanco Mikayla Elizabeth Blauser Megan J. Blevins Daniel Blidar Geoffrey Block Elijah Anthony Boecker Dylan M. Boggs Salvador Bolanos Sophia Rose Bonacorda Walter Lysandas Bonar Dean J. Bond Mariah Arielle Bonds James Bonifasi Emilie Lynn Bonkrud Lisette Borja Chaparro Paul Nord Borman Breanna Alexandrea Borunda Emily Bosak Jasmine Bosnino Chase Michael Boulter Melissa Bour Gina Alyssa Bovi Ryan G. Bowden Danielle Terese Bowen-Weiszmann Tessa Catharine Bowyer Delaney Bozich Lori Lynn Bragg Shirley M. Brandlin Desarav Brault Cassandra Bravo Clayton E. Brenner Sierra A. Brewer Chandler Rachael Brewster Chase A. Brodnax Danielle L. Brokaw Barrett Joseph Bromich, Jr. Natalie Suzanne Brooks Adam Brossman Kelli Tahnee Brown

Makenzie Loren Brown Matthew D. Brown Theodora Circe Brown Megan Rose Bruce Kyle Dain Buckingham Nicholas J. Buckley Kai Dellith Buehring Pauline Teresa Bueno Albert Minh Khoi Bui Zachary Thomas Bundy Morgan Lester Bunge Tarhonda Nicole Bunnitt Aracely Lopez Burboa Monica Lillan Burg Julian Burgan Sophia Ellyse Burgess Mackenzie Lee Buss Samuel James Buster Jakob Mason Buszka Danielle Rose Butler Jamie Frances Byerlee Eric J. Byers Freeman Willie Byers Ericka Byrd Teresa Figueroa Cabrera Liliangye Cai Kerry Calhoun Nicolas I. Call David Callahan Carla Lizette Callejas Catherine Justine Callis Jessica Ruby Camacho Sibella Sweelin Campbell Marianna Campos Alcala Jaslyne Vanessa Canales Yareli Amaya Candia Stoiev Lopez Caneda Eliza Grace Cann Tiffany P. Cannon Connor Ulrich Cantu Andrew Huynh Cao Donglei Cao Angelique Lina Cappo Chloe Xian Cardone Courtnei Dominique Carey Audrev Lauren Carlson Daniel Scott Carlson Christopher Brett Carlton Alejandro Carranza Bianca Itzel Carrera Edith Mireya Carrera Ashley Nicole Carter Christopher Carty Brooke Nicole Carver Ian Robert Caryl Bradley Eric Case

Deborah Casey Gemma Celeste Castillo Paulina Adame Castro Victor Sarat Catalan Sadai Dante Sarmiento Carneiro Paul A. Cattelino Maribel Cerda Marquis Tyrae Cerillo Robert Keith Chandler Kar Ken Chang Katlyn Ray-Ning Chang Jesus Antonio Chaparro Gavin Charoenmin Anthony Chau Isaac Zachary Chavez Ingrid Chen Ronghua Chen Sijie Chen Donna Cheng Collin Riley Christensen Zachary Christensen Samantha Chuong Rebecca Clark Nina Lynore Clarke-Telfer Garret Paul Clifford Trevor Albert Clingen Madison Makenna Cochran Mikaela Maria Coffelt Brian Keith Cok Jamie Coleman Taylor Alexis Coleman Cortney Lynn Collins Nicholas Robert Collins Patrick Michael Collins Cailey Ann Colombo Lauren Olivia Colone Kurtis Lee Colter Brandon Ray Cook Kaylie Danielle Cook Tawneel Loree Cook Seth Copeland Brett David Cordova Angela Catherine Coriell Thaddeus S. Cornell Alexandria Corral Selena Cortez Le Anne Renee Costa Asher Aaron Cota Leandra Denaye Courrier Mackenzie Couto John Andrew Cowan Moesha Brandie Crawford Cierra Anastasia Creer Chase Robert Croteau Maggie M. Crulo

Catherine Bryan Crump Evelin Cruz Felipe Cruz, Jr. Jeremy Joseph Cryer Gavin Lysle Cude Katherine Anita Cuilty Toni Dee Culpepper Trey Don Culver Shelby Curry Steven Cusumano, Jr. Courtney Marie Cutchall Tyler Veronica Dahlstrom Tammy Michelle Dahnke Zeinab Tanya Dakroub Whitney Nicole Dalp Eric J. Dan Mohammed Kanjie Daramy Alexis Renee Darby Anna Elizabeth Davis Damaris Jade Davis Julia Francis Davis Donte A. Day Sydney Day Samuel W. Deadrick Melissa Marie Deal Sean Deblat Cyrus Deboo Jenna Leigh DeCoite Garrett Lee Deimund Loren Marie De Jesus Chad Denton Jacob Ryan DeRoche Travis Sutton DeSart Dasean Devonte Deshazer Ryan Anthony DesJardin Maria De Tomasi Shelby Gabrielle Detrick Katherine Jane Devlin Kyle Dick Chloe Taylor Dietz Nathan Eli Diezman Jacqueline DiGiose Vincent Michael Dileonardo Kelaiah Tonea Dillard Yazeed Dinaully Elizabeth Shannon Dixon Xana Doak Melissa Marie Dobroski Craig W. Dobson Alexis Danielle Dong John Wallace Dorsett David Kyle Dowdy William Joseph Dowe Megan Amelia Downes Rachel Ann Drake Dillon Scott Draper

Haolin Du Kevin Y. Du Abigail Duarte Marissa Duarte Charissa Faith Dubin Audrey Claire Dunaway Brandon Christopher Dunn Delaney Mccullough Dupre Michael Paul Duranczyk, Jr. Jacob Charles Eberspacher Kendall Janell Eckman Ashley L. Ecton Justin Paul Edberg Lauren E. Eder Melissa Alaine Eisen Samuel Leo Ell Vance T. Elliott Tyler Luis Ellis Anthony Raymond Enriquez Meagan Patricia Epolite Lindsay Brooke Epstein Dakota Austin Erickson Joshua Michael Erickson Brett Thomas Erspamer Kamilah Zarah Pasia Escalona Matin Ali Esfandiari Kaitlen Mckenzie Esparza Noah Alexander Esquibel Wendy Ethier Westin Dean Evans Megan Brittany Ewers Deborah Eynatian Peyton Rae Faber Samim Samir Fahim Nicholas John Fahlgren Christine Fahmy Yao Fan Kalee Marie Farberow Darian Bailey Faulkner Matthew Thomas Favazzo Justin J. Faylona Zachary Andrew Fechser Amanda Grace Feck Carissa Ashlev Felix Lauren Janae Felix Preston James Ferrell Anyssa Renee Figueroa Logan Fike Kaitlin Leigh Fincher Hailey Elizabeth Habra Fink Jenna Mary Fitzgerald Connor Aidan Fitzpatrick Samantha Flagg Kevin Aaron Fleischman Rielee Flodin Mary Margaret Flora

Noah Mateo Flores Sean Mikeleen Flynn Brendan Morgan Foley Alexander Eric Fonseca Milaija Lachelle Ford Talon Storm Forman Mackenzie Rae Forner Emily Rose Forsythe Ethan Fox Brittany France Mara Alejandra Franco Jessica Ann Frederick Joseph Raymond Fredin Garrett Paul Freiwald Samantha Marie Peña Fresquez Jacob Todd Fretto Trevor Thomas Freund Edward Joseph Fricke Benjamin Jacob Friedman Brittany Marie Fry Ling Fu Yishi Fu Natallie Anne Gabbert Ian Paulo Villalobos Gabriel Tanya Gabrielyan Karam Gafsi Joshua Paul Galvan Sarah Nicole Galvin KaraHope Aubrey Gamble Kevin Henry Gambocurta Caleb Aaron Gammons Martha Ganas Motaz Gandol Huaqing Gao Andrea Camille Garcia Arely Garcia Cynthia Maria Garcia Isabella Garcia Wendy Berenice Alanis Garcia Andrew Jacob Garner Carlos Gazca Samantha Jane Gebers Hani Abraham Gebremeskel Glenn Joseph Geisheker Matthew Geoffroy Emil Gerami Andrea Marie Germanos Jamie Erin Gibson Sarah Marilyn Giedraitis Kristina Marie Giorandino Matthew Tyler Gishi Sierra Lynn Glade Tyler Samuel Gleckler Aalivah Glover

Alexandra Glow

Kayla Lynn Godfrey Amanda Gomez Jesus Alberto Gomez, Jr. Veronica Melissa Gomez Anisah Deanne Gonzales Jonathan Michael Gonzales Michael Thomas Gonzales Aliyah Shaelyn Gonzalez Roland Patrick Gonzalez Yessica N. Gonzalez Sydney Erin Goodall Justin Daniel Goodman Kelsee Renee Gopp Ashlev Elizabeth Gordon Jennifer Katherine Gordon Carlton Leroy Gould, Jr. Preston Eugene Goulet Jordan Matthew Grace Colleen Grady Claryssa Jessica Anne Graeve Jordan Michelle Graham Troy Michael Grahl Nathaniel Vincent Grass Shannon Marie Grassi Macy Thiel Graver Evan Charles Greavu Taylor Raymond Greeff Britney Rae Greene Talia Rozensky Grenier Grace Cameron Grimes Garrett Richard Grismer Madeline Taylor Grosskopf Benjamin Roman Gruca Mary Catherine Gruntler Tianvi Gu Cecilia Guardado Jessica Emily Guerrero Oscar Gerardo Guerrero, Sr. Graydon Robert Guest Raymon Francisco Guevara Mukul Guppta Luis A. Gutierrez Cody Reese Gylling Nicolas James Haas Elijah James Hadam Rachel Claire Hagan Cody Justin Haines Nazariy Haliley Michael Hall Hannah Raye Hallikainen Grant Halver Hunter W. Halversen Jacklyn Brooke Halversen Yousif Mohamed Hamad Michael William Hammann Cydney Lynn Hammon

Samer Mohamed Hamze Daniel Seokhee Han Zongrui Han Jordan Ryan Hancock Justin M. Hansing Kevin James Hansing David Anthony Hanson Joshua Thomas Hanson Phillip Keith Hanson Carly Gabrielle Hardin Tristyn Lee Hardy Nicholas Joseph Haro Courtney Alexandria Harper Daniel Reid Harper **Connor Firpo Harris** Isaac Murray Harvey Steven Hastings Matthew Brandon Hasty Alexis Paige Hatfield Justine Ashley Hauver Dylan Michael Havermann Corey Hawk Avery Danielle Hayden Mostafa Ghulam Hazrat Oiao He Lauren Melodee Heaton Lucas Robert Hedman Phylicia Marie Hedstrom Alyssa Marie Heffernan Michael Heffernan Alonna Jamie Hellinger Sharon April Helms David Jushua Henkel Dasia M. Henry Recardo Henry Joseph Andres Hernandez Lukas Andrew Hernandez Victor Hernandez Madeline Rose Hernke Lauren Elizabeth Herzberg Sierra Kristine Heywood **Ouentin Hick** Kyle Robert Hickie Alexander Vincent Hicks Mirina Renee Higginbothan Joshua Hilev Charles Norton Hill Kailey Marie Hill Nikki Lee Hill Jacob Hilowitz Mary Catherine Hintze Marwa Hirmendi Andrea Olenka Hnatievych Matthew Joel Hobbs Nicholas Joseph Hodges Alec Hoffman

Patrick Hogan Charles William Hohenstein Dakota Hohenwalter Allison Holland Eris Hollingshead Gunnar H. Holmen Isabella Angela Holmen Colton Holmes Joshua Johannes Holt Rachel Marie Hom Lindsey Frances Homa Ryan Hooton Hailee Anne Hopkins Elias Nathaniel Joachim Hopper Michael Robert Horn Bertrand Hornsby-Odoi Linbing Hou Zoë Anne Houdeshell Kaitlyn Nicole House Cole Garrison Howard Cooper Benjamin Hsin Chenyang Hu Qingyao Hu Duy Hua Yin-Hao Huang Yu Huang Nicole Fossa Huergo Keena Marie Huesby Stephanie Ann Huff Savanna Naomi Huft Yoonkeun Huh Jennifer Edelmira Huizar-Acevedo Benjamin Richard Humpherys Zachary William Humphreys Joshua Jay Huna Hannah Louise Hunt Melissa Ann Hunt Syed Huq Ayla Opal Hurst Reese Harrison Hurst Terry Douglas Hurst Alec G. Hutchings Amanda Kate Hutchins Matthew Michael Hutka Nam Hoa Huynh Marlese Lynne Iacofano Lauren Danielle Iacono Kianna Christine Ibis Fatima J. Ibrahim Eileen Elizabeth Imbus Ashley Lyn Imura Blake A. Inorio Laken Sierra Irish Carter E. Irwin

Caroline Elise Ivy Danielle Efosa Iyoha Ranine Jaber Allise Jackson Darius Alvin Jackson Megan Nicole Jackson Tristan Richard Jagielko Amber Alexis Jaime Ghazi Mohammed G Jalal Averyanna James Megan S. James Shanna Rene James Jessica Marie Janes Julia Paige Jankuski Trey Patrick Janovsky Benjamin Troon Jansen Gabriel Andrew Isaiah Jaramillo Tvdin Player Jarman Autumn Nicole Jarrett Alejandra Lobato Jarrin Alex Bradley Jenkins Brittany Mouring Jenkins Mallory Erin Jenkins Chandler Marie Jensen Alexander Jewell Bohan Jiang Ndey Bassin Jobe Janine John Abigail Celissia Johnson Cody L. Johnson Delia Johnson Eleanor Grace Johnson Joshua Michael Johnson Keith Johnson Lauren Sachiyo Kulia Johnson Madison Claira Johnson Megan Therese Johnson Melanie Rose Johnson Moriah Faith Johnson Nicholle Johnson Ryan Patrick Johnson Char'nea Shavonne Johnson-Chapman Rebecca Paige Johnson-Howell Arizona Blue Johnston Corbin Douglas Johnston Carson Seth Jones Chloe Lee Jones Emily Jones Megan Riley Jones Trevoron Leclaynance Jones Amar Dilip Joshi Gorica Jovic Madeline Juetten

Sara Rachada Kalaoram Tyler Robert Kamphefner Brendan Kane Kidtiyod Kanjana Austin M. Kaphammer Amber Rae Kaplan Samuel Alexander Kaplan Kristen Danielle Karas Jordan Ben Kari Christopher Ryan Katzin Dannika Jordan Kaufman Jade Kaufman Jordan Kave Julia L. Kays Zachary David Kazan Carla Marshan Kelch-Porter Charles Phillip Keller Gabrielle Jasmin Keller Katelyn Keller Sophia L. Keller Emily Brooke Kellogg John Robert Kelly Ryan Kelly Callie Michelle Kelpsh Kaleb Keown Jessica Kerlee Bobbi Ann Kerr Natalie Kerr Rachel Christine Kestian Mukund Khanwalker Megan Laurie Killeaney Kim Kilmer Daeun Kim Daniel Kim Dohee Judy Kim Grace Kim Yulee Kim Arren Lund Kimbel-Sannit Ashleigh J. Kincade Jason Thomas King Kent Kingsley Lauren Marie Kinzle Connor Michael Kirby Cole Linlee Kistner Shannon Nicole Klawitter Brendon Christopher Kleen Mara Jae Klein Jacob Kless Craig Allan Knoblauch Rachel Kathleen Knoche Aryn Mikaela Kodet Elizabeth J. Koekebacker Melanie Koenig Samantha Lanette Koester Nicole Marie Arroyo Kohn George Bailey Kokos, Jr.

Kady Rose Kolb Timothy Sean Patrick Komlos Elizabeth Kopylova Kaitlyn Regina Kor Mitchell Samson Korotkin Catherine Marie Koselka Matthew Tyler Kosmala Shourya Kothakapu Konnor Scott Kozubal Karl Kranich Elizabeth Anastasia Krebs Jack Frederic Kremer James Krenz Annika Lisa Krietenstein Alissa May Kuebelbeck Jamie Nicole Kuehner Sachin Payan Kumar Sydney Joyce Kutemeier Cathy Tho La Dylan Charles Labadie Robert Emerson Labonté Vedant Lahoti Maymary Everrest Laideson Candie Lake-Velez Samantha Erin Lamb Blake Anthony Lamoreaux Wyatt James Landaker Kevin Michael Lane Savannah Taylor Lane Andre Langlois Megan K. Hammond Langley Robert James Lankford Brook Elan Larson Mark Christopher Larson Andrew Logan Lataille Megan Sandra Latin-De Bono Andrew James Lawhead Jennifer Le Leena Le Andrea Celeste Leal Ashley Elizabeth Lear Teresa Danielle Leban Paul A. Ledoux, Sr. Byeong Mok Lee Dahee Lee Jordan Lee Rhonda Lee Nicholas E. Lee-Gay Ryan David Lees Ian Lefever Nicholas Avery Lehnertz Donovan S. Leigh Shannon Leland Alexander Michael Lemka Shareef Rakim Levon Brett Thomas Levreau

Arianna Freedom Lew Aline Francisco Lewis Careen Shanice Lewis Eric M. Lewis Jordan Allen Lewis Kelly Lewis Samantha Marie Lewis Bryan Eli Leyba Chloe J. Leyba Juan Garcia Leyva, Jr. Hanjing Li Jiaqi Li Keying Li Nancun Li Olivia Li Xiaoting Li Xuan Li Yuxiang Li Zevuan Li Selina Lianda Devin James Lillegaard Qianyi Lin Sijie Lin Weixin Lin Yixuan Lin Zivue Lin Christopher Anthony Linn Parabsimran Singh Litt Robert David Little Mingjin Liu Yi Liu Roland Wayne Lizana, Jr. Sonia Beltran Llamas Matthew Ryan Lloyd Vincent LoBianco Jennifer Morgan Locke Stephanie Lomeli Samantha Marie Lomibao Jaycie May Loomer Alejandra Lopez Ashley Hanna Lopez Breanna Nicole Lopez Elizabeth Marie Lopez Guillermo Lopez Kassandra Renee Lopez Martin Lopez Mireya Lopez Nicholas Lopez Samantha Joy Lopez Leopoldo López Alexandra Marie Lord Alan Lozano-Hernandez Verenice Alejandra Lozornio Kaicheng Lu Kato Muhammed Luboowa Marissa Candice Lucero

Paul Michael Lucero Nolan Ludwig Jesse Arnold Lugo Adriana Elena Lujan-Flores Anne A. Luna Juan Carlos Luna Naveli Sanchez Luna Jessica Michelle Lundy Jacklyn Barbara Lung David Le Luong Gabriel S. Lutz Jonathan Thomas Lyle Tyler Lynch Deja Lynch-Howell James Asher Lyon Benjamin Lee Lyons Brandon W. Lyons Miaomiao Lyu Jiaqi Ma Alexis Dion MacKay Florentina Lara Madrigal Christopher Joshua Magana Allyson Magness Preston Noah Magonigal Kael Mahoney Quinn Albert Mahony Shaghayegh Majidi James Joseph Villano Makanas Paige R. Malone Sean R. Maloy Dominic Christopher Manganiello Lauren Candice Manguso Olivia Mansager Barbara Jean Mansfield Corissa Ann March Victoire Lisa Appoline Marion Kristen Marks Justin Tyler Maroney Chase A. Marsh Preston David Marshall Lorena Marsland Jake Christopher Marthens Bethany Anne Martin Jillian Adela Martin John Walter Martin, Jr. Diana Edith Martinez Enrique Martinez Gabriel Eduardo Martinez Gabriela Martinez Natalie Martinez Tyler A. Martinez Emilie Masella Jacob Paul Masica Jeremy John Mathias Samantha Kristine Mathieson

Ronae Matriano Clive Tinashe Matsika Eyona Renee Matthews Michael Allen Maxwell Ashley Rose Mazur-Williams Nathan McAdams CiCi McAllister Jake Thomas McAuliff Nicole Elizabeth McCanless Russell James McCauley Jennifer Marie Mccluskey Blake Stewart Mccomas Walker James McCrae Ashton Jade Mcdaniel Tessa Mcdaniel Chloe M. McDonald Lilian Marie McDowell Gregory C. Mcdowell Amber Nicole McFarland Marissa Anne Mcgarr John McGrath David James McGraw Curtis Jay Mcguire Clare Anne McHale Cami Brooke Mcintire Marena Halle McKeen Miranda Anne McKenzie Clay Lucas Mckinney Delaney Breann McLallen Porter Andrew McLaws Marissa Danielle McLelland Curtis James McLoud Kelly Thomas McManus Bryan Mcnutt, Jr. Nathaniel Alexander Medsker Aakash Mehta Pashmi Mehta Chasen Koby Meirovits Meteb A M S Mejbel Baiyi Meng Christy Merza Audrey Hope Mesick Benjamin Thomas Metzger Joseph Robert Mexicano Alexa Meyer Marc Rvan Mever Edward Lujan Meza, Jr. Tyler Jakob Micek Jessica Lee Micksch Aleksandar Mikalacki Ryan Milan Jordan Miliotes Anh Taylor Millard Andrew Christian Miller Cameron Ryan Miller Isaac Jakub Miller

Jave Lee Miller Mallory Frances Miller Philip Miller Daniel Milligan Ethan Michael Millman Tanner Jacob Millyard Morgan Jayn Milstead Joseph Nikoleit Mims Autumn Nicole Minarchin-Lvnch Lachandra Minnick Adam Mitzel Jacob Scott Miyauchi Andrea Molina Mia Odelia Molina Gabriella Montagnino Karina Emilie Moon Samantha Jean Mooney Eduardo Jose Morales Mikayla Jordan Morehead Lennylou Samosa Moreno William Jacob Morey Austin Morgan Jeremy Maurice Morgan Andrew George Mork Briaudria Lisha Morris Omar Mota Samantha Marie Moy Brittany Mullen-Kapustensky Miranda Michelle Munch Dakota Murphy Kevin P. Murphy Shawntaya K. Murphy Kerrie Lauren Murray Meg Myers Michael Thomas Mylchreest Pyae Phyo Naing Katherine Marie Najera Naman Nanda Shreya Nandy Joseph Anthony Naples Heather Tiffanie Nation Karina Navarrete Tyler Scott Navarro Christopher Micheal Naviaux Nathan Nazari Tristan Thomas Neal Dexter Nebitsi Jade Hunter Nelson Torey Kate Nelson John Tyler Neubauer Daniel J. Newbanks Lily Rae Newcomb Rose Jean Nez Tara Drue Nez Jennifer Ngo

Cindy Ngoc Nguyen Jay Nguyen Jocelyn Nguyen Y. N. Nguyen Dylan Nichols Jake Harrison Nickel Evan Austin Nickels Emily Jean Nicoll Kevin Carlin Nolf Marie Ashley Norris Natasha Novakovic Victor Alexander Novelo Russell Theodore Anthony Novv Lisa Marie Nugent Ghadeer Abdullatif H Nukaly Lindsey Marie Nunn Austin F. Nurse Tyler Oakes Julisa Gabriela Ochoa Kylie Danielle O'Connor Taylor Lannete O'Daniel Austin Dale Ohlson Sean Patrick Okeefe David Okinvi Perla Gisselle Okitundu Rachel Jo Olen Alexandra Taylor Oliva Robert Joseph Oliver Timothy Wayne Oliver Darien Marie Orosco Miguel Angel Ortega, Sr. Alexis R. Ortiz Valeria G. Peñuela Ortiz Erich Joseph Orzech Joshua Oshima Nathalie Otero Timothy Kevin Otis David Ott Melinda Sue Owens Joshua Alan Pace Diana Citlic Quintero Pacheco Bryan Christopher Padilla Jessica Marie Padilla Vincent Roy Palermo Samdisha C. Pall Dejian Pan Tianrui Pan Patrick Panattoni Tarang Pande Payal G. Pandit Danielle Alexis Panfili Heng Pang Antonio Sage Paoletti Jack Ryan Parcell **Benjamin** Parietti

Rebecca Ann Parmeley Courtney Parrish Anthony Passantino Roshan Indrajit Patel Alexandra Miller Patrick Jonathan Allen Patrick Marcus Andrew Patterson Taylor Marie Patterson Logan Payne Mallory Valeria Payne Austen Pearce Erica Denise Pearson Katie Alice Peaton Zachary Pekale Lana Pele Joseph Peloso III Cassandra Emily Pena Josue Pena Ruxuan Peng Kathryn Michele Penner Amanda Jean Pennington Nicole Ellen Youzhi Penrose Brianna Nicole Peral Dylan Alexander Perez Chloe Perez-Williams Oriana Ithamar Gil Perez Sara Noelle Perkins Daniel Michael Perle Amy Marie Petersburg Austin Tyler Peterson Elizabeth Anne Peterson Melody Ann Peterson-Futch Erika Joan Pey Angel Amber Pfeiffer Ashley Pham Erin Shea Phelan Matthew Leon Eugene Phelps Kaya Rose Philapil Victoria Grant Phillips Sophia Danielle Pieri Alexandra Pierman Jose A. Pina Mitchell William Pinda James William Pinkerton Stephanie Michelle Pinson Anna Elise Piper Quinn Thomas Pitcher Gregory Alan Pitts Jordan Thomas Pladgeman Christopher Alan Poage Jake Satchel Pollard Thomas William Poniatowski Jacob Devon Poole Aleia Christina Pope Alexander Wilson Reinhart Porter

Amber Marie Porter Zia Potter Michael Andrew Potts Tarik Premilovac Alissa Prewett Caitlin Aixala Price Lindsey Megen Price Melynda Lee Price Tonya Mae Price Jacob Pritt Anna Sophie Pruter Alexis Taylor Puhlick Jiaiun Oi Shannon Kristine Quinn Henry Jesus Erives Quintana Cassandra Jean Quirk Brian Joseph Quiroz Neal C. Rabuse Dalton Joseph Radcliffe Savanna Leigh Rakes Madison Kylie Raksinh Kirk Raleigh Andrew Ralston Sanjana Ramesh Cecilia Inocentia Ramey Alexandra Luz Valentina Ramirez Joel Ricardo Ramirez AnaLisa Ramos Michele Ramos Tiffany Lee Ramos Zachary Reynier Ramsey Brett Ranes Joshua Alden Grant Rasmussen Lauren Renee Ravago Sean Patrick Rawlings Alejandro Tino Rayas Justin Anthony Read Rockwell B. Reber Colin Redman Navarrah Niké Reeder Bailey Ginae Reid Nicholas Anthony Religa Rebecca Nadine Renalds Nicholas Spencer Rennemann Alyssa Reusch Ziomara Liset Reyes Luis E. Reyna De la Torre Dane Erik Reynolds Gillian Michelle Reynoso Casev Alvssa Rhode Colin Phillip Arthur Conner Richard Jamie Lee Richardson Jennifer Megan Riedel

Evan Christian Riggert Alec Rike Magaly Rincon Alexander J. Ringelberg Ryan Marcus Ringle Shelby Lynn Rini Shvann Rio Andrew J. Rios Jocelyn Vanessa Rivas Brandon Rivera Daniel Joseph Rivera Penelope Roach Jacob C. Robb Sean Cameron Roberton Brittany Richelle Roberts Tatum Rene Roberts Jennifer Lynn Robey Emily Graciela Robinson Mikel Robinson Taylor Renee Rocha Justin Matthew Rodegerdts Jesse Aksel Rodriguez Marley Ellen Roessler Megan Anne Rogers Sarah Sinclair Rogers Trevor Patrick Rogers David Abel Rojas Genesis-Hedid Orejel Rojas Adriana Adelina Romero Kaitlyn Ronald Harleen Rooprai Kyleia Renee Ross Aaron Kohei Roth Kangyuan Ruan Tristan Rubenstrunk Ashley Nicole Rubio Tiffany Miya Ruby Bernice Ruelas Robin Elizabeth Ruger Kayla Rose Ruiz Nicholas Taylor Russ Anna Russell Allysha Marie Ryan Jacob Ryan Alexandra Sergeyevna Rvazanova Fakhri Ghassan Saadedeen David Saenz Mohammad J S A Safar John Thomas Sahhar Jessica Alondra Salas Miguel J. Gutierrez Salas Jakob Andrew Salazar Eduardo Alfredo Viedas Salcido Alondra Marlet Saldana

Lauren Khaled Salem Karina Salgado Ryan Sambrook Mario Alberto Sanchez, Jr. Milena Lucia Sanchez Sabrina Sanchez Carmlina L. Sandoval Laura Patricia Sandoval Joseph Kenneth Rummery Sanford Fabiola San Roman Rahul Sansi Ana Isabel Santaella Josephine Aurelie Tolsa Santillan Amv Santilli Johnatan Efren Alvarado Santos Ross Norman Satchell Franz Sattler Alex J. Sauer Michael Ervin Saul Marissa Marie Savitch Elora Jeanne Scamardo Braeden Scott Schaefer Bradley Thomas Schaick Kendall Anne Schaub Jessica Scheckel Chloe Schilling Kylie Marie Schmid Jennifer Schmidt Natalie Ann Schmidt Nadine Elizabeth Schmitt Sarah Danielle Schnoor Caleb Schofield Gage Robert Schrantz Joseph James Schreiber Margaret Schreiner Taylor Jordan Schroepfer Vincent Tiffany Schroyer Ashlee Ann Schuck Taylor Lindsey Schulte Lydia Lucille Schultz Maren Nicole Schuveiller Tiffany Ann Schwartz Gabriel Scott Stephanie Kay Scott Sarah Michelle Scrivner Addison Elizabeth Seal Amelia Jansen Agres Sebouai Ursula Mercedes See Julia Chapman Selman Carsten Michael Serra **Emily Servais** Carli Severson Abbey Leslie Sewell

Mackenzie Paige Shaffer Raffi Parsegh Shahbazian Benjamin Clark Shahon Ovadia Shalom Mckenna Katherine Shano William Sheehan Callen Mary Shelton Cheyanna Hewey Shepherd Alysia Monae Shields-Havwood Michael Lore Shire Christopher A. Shoemaker Reagan Kjersti Shoemaker Taylor Donald Shreeve Joseph Cole Shryock Parker Bruce Shumway Daniel Nadav Shuster Olivia Ventura Silva Michelle Stephanie Silverio Domenic Nicholas Silvestro Haley Madrieene Silvestro Daniella Javne Simari Catherine Therese Simko John Royal Simmons Dajen Donald Simon Richard Simpson Rahul Sinha Stephano Kapya Sinyangwe Destinee Leeann Sior Sean Stanton Sipes Dylan Charles Sirower Christopher Mousa Sleiman Cameron Paul Sluiter Mirza Smailbegovic Carly Ann Small Brenden Anthony Smith Colin Cotner Smith Craig Anthony Smith Craig Smith Anna Smith-Johnson Ashley Kimiko Snider Melanie Noel Snow David Justin Snyder Amanda Christine Sodoma Samantha Lee Soisson Xinghao Song Zeyu Song Brandon Robert Sonju, Jr. Victoria Soto Ashley L. Sowell Ryan Alexander Sparkowski Ashley Joanna Spencer Emma May Spencer Daniel Richard Spinrad Dylan Thomas Spriggs Gunnar St. Marie-Lloyd

William Connor Stacey Darinda Marie Stallings Tessa JoAnn Stanzione **Bailey Elyse Staton** Gavin Lyle Steeber Jacob Dean Stegmeier Ashlev Steiner Thomas Stetka Kyle A. Stevens Madison Seaman Stewart Vivian Persons Stewart Gillian Dale Stierman Amanda Lou Stillwell Marissa Kristine Stinnett Taylor Stockton Seaver Lee Stockwill Brenna Stohlgren Isabelle Rose Stoick Rastko Stojsin Henry Elliott Stolow Matthew Ellis Storto Jacob Paul Strayer Zachary Alan Stringer Nicholas Stryffeler Christopher Daniel Stuart Brittany Denise Studer Rattanaporn Jasmine Suetrong Elias M. Sugarman Autumn Baye Summers Yanbo Sun Carol Sundell Anna Sussman Dustin Lee Sweet Shaye Sweet Cassidy Marie Swiatowiec Kaitlyn T. Swift Ben Barret Swokowski Isabella Anne Sydenham Kazi Aseef Syed Keith Eric Szafran Sarah Noriko Tada Victoria Sarah Tai Ndeye Maty Tall Ethan Bailey Tan Tianlin Tan Jenna Grace Tancredi Jiawang Tang Junjie Tao Claudia Alyssa Tapia Kylee Anne Taylor Margarita Tejas Leslie Fernanda Jimenez Terrazas Cristal Terrones Wynonna Ceajae Tesoro Animesh Tewari

Matthew N. Thewalt **Tommy Thiatmaja** Megan Danielle Thomas Austin David Thompson Erskine Thompson Grace Thompson Aaron Thorp Rachel Suzanne Thurber Briana Tilden Sabrina Briana Tiralongo Ellen Maria Tischendorf Tyler Tobyne Hannah Marie Toomey Denise Simpson Torloni Dominic Michael Torquato Lourdes Yesinia Torres Nina Alicia Torres Yajaira Torres Jordan Michael Tovar Kimberly Ashley-Co Tran Michelle Ho Tran Amanda Rose Trapp Anthony Bruce Trevino Savannah Trevino-Casias Vincent Nhan Truong Mario Tsosie Brandon Turner Bryan Michael Turner Michael Anthony Tyson Ivan Tzonev Humza Habib Ullah Steven James Universal Rohan Sachin Upponi Amanda Veronica Vale Andres Arturo Valiente Samantha Lynn Valkanoff Jaime Jesus Valles Jacob John Valov Elizabeth Janeann Van De Moere Rachel E. Vantassel Mayelly Vargas Sabrynna-Annabelle Zoe Vasaure Jonathon Vasquez Zoe Daniella Noel Vasquez Jennifer Elizabeth Vaughn Geyzza Meyling Vazquez Jose Alvaro Vazquez Deane R. Vedder Nora Alicia Vega Shandel Vega-Soto Janelle Marie Velasco John S. Velasquez

Paulina Verbera

Laura Susanna Vesala

Derek Joseph Vielhauer Michael Patrick Vietze Claudio Federico Maria Vignola Sienna Nicole Villa Andrea Stefanie Villalobos Aurelio Villalobos Marc Daniel Villalobos Rvan James Vincent Nicholas Petar Vincetic Megan Elaine Viterbo Alex Robert Vogel Vincent Vu Rvan Robert Wade Brendan Wadlow Elizabeth Jane Wadsworth Kira Victoria Wagner Emily Marie Walicki Jillian Allisondra Walker Jordan Wallace Melissa Lynn Wallace Ana Patricia Walsh Douglas Terry Walsh Ian Hunter Walsh Jason Henry Walter Bayan Johnathan Wang Bingcong Wang Haozhou Wang Hongyu Wang Jialiang Wang Katy Wang Pengjian Wang Oian Wang Qinqin Wang Tengqing Wang Xuan Wang Yuda Wang Zhen Wang Zixin Wang Aidan Taylor Ward Robert Daniel Warner Erin Marie Washbon Michel'le Charisse Washington April M. Washinowski Scott Michael Watkins Benjamin Dalton Watson Annika Lee Weaver Cameron Dow Weaver Kenneth Elliott Webb Mason James Webb Katie Noelle Weber Sydnee R. Weber Thomas John Week Jennifer Lynn Weetman Augustin Nicholas Wehn

Haoran Wei Evan James Weigel Trevor Owen Weinstock Claudia Wells Dallas Wayne Wells Evan Terence Welsh Nicholas E. Welter Tina Savanna Weng Blaise Alan Wentz Alison Paige West Adam Charles White Keith White Lauren Whitelev Elena Hunter Whitten Nathaniel Wick Hunter Wyatt Wickersham Diego Faolyn Wildenstein Tor Wildenstein Bryce Cameron Mason Wiles Hannah Lynn Wilkins Lucas Francis Wilkinson Katie Willer Bradley Wayne Williams Cara Nicole Williams Krista Kay Williams Liana Gandarillas Williams Lindsey Williams Oluwatoyosi Omotola Williams Sean David Williams Alexander Russell Wilson Branden L. Wilson Jalyn Robin Wilson Jonathan James Wilson Joshua James Wilson Princeton Jonathan Wilson Alexander Lee Winchester Robert Blair Wise Laura Joyce Wiskerchen Karolina M. Wolny Adam Wong Kevin Jun Wong Ryan Lee Wong Kenzie Karyl Wood Sydney Nicole Woods Laura Bright Wooten Maryn Noelle Worhacz Tyler D. Worley Ryan Steven Wozniak Annalisa B. Wright Jiaming Wu Tianvi Wu Jessica Wuollet Haley Ann Wyant Kamron Wynne Manqian Xiang

Naier Xiang Yuyao Xiang **Pingping Xiao** Zihao Xin Shengjie Xu Tianyu Xu Peijia Xue Melissa Kay Yamagata Nathan Yamaguchi Zeren Yan Karen N. Yanez Boyu Yang Haoyue Yang Kaizhi Yang Li Yang Nicholas James Jeffrey Yearout

Xiaoyun Yin Mario R. Yniguez Angelo Young Milton L. Young Jiamin Yu Kun Yu Seung-Hoon Daniel Yu Ronald Alfred Zabawa III Jeremy Joseph Zack Hirra Zaidi Enrique Zamora III Heather Rendon Zamudio Deannette Zattair Allison Zavala Kristina Marie Zavala Rana Patricia Zayanderoudi Brittaney Anne Zeth

Jun Zha Xiaofei Zhai Danqi Zhang Jielan Zhang Xiaobo Zhang Yifan Zhang Ziming Zhang Weichi Zhao Yiran Zhao Qinru Zheng Zhiyan Zheng Zhangyu Zhu Shealynn Marie Zimnick Joshua David Lehi Zuniga

CONFERRING OF BACHELOR DEGREES

COLLEGE OF HEALTH SOLUTIONS (Established 2012)

> DEBORAH HELITZER, SCD Dean and Professor

JULIE LISS, PHD Associate Dean, Academic Success

TAMIKO AZUMA, PHD Assistant Dean, Undergraduate Education

> CAROL JOHNSTON, PHD Associate Dean, Faculty Success

COLLEEN CLEMENCY CORDES, PHD Assistant Dean Faculty Success

LAIDA RESTREPO, PHD Assistant Dean, Research Success

CHRISTOPHER WHARTON, PHD Assistant Dean, Strategic Initiatives and Innovation

COLLEGE OF HEALTH SOLUTIONS CONVOCATION

2:00 p.m., Friday, May 10, 2019 Wells Fargo Arena ASU Tempe campus

PROCESSIONAL

College of Health Solutions Administration and Faculty

PRESENTATION OF COLORS

THE NATIONAL ANTHEM

"The Star-Spangled Banner" — Francis Scott Key Vocals sung by Mrs. Adrienne Goglia, Soprano Music Theater/Opera Performance

WELCOME & GREETINGS

DEAN'S REMARKS

Deborah Helitzer, ScD Dean and Professor

KEYNOTE SPEAKER

E. Connie Mariano, MD, FACP Former White House Physician Rear Admiral, U.S. Navy (retired)

STUDENT AWARDS AND RECOGNITION

PRESENTATION OF GRADUATES

READERS Donna Cataldo, PhD Clinical Associate Professor of Kinesiology

Nicole Blaize Nolan, PhD Lecturer, Exercise Science and Health Promotion

Peter A. Lafford, MS Associate Research Professional, University Technology Office

> Kristin Hoffner, MS Principal Lecturer of Kinesiology

INTRODUCTION OF GRADUATES

DOCTORAL CANDIDATES Behavioral Health Speech & Hearing Science Audiology Biomedical Informatics Exercise and Nutritional Sciences Physical Activity, Nutrition & Wellness

MASTERS CANDIDATES

Communication Disorders Biomedical Informatics Biomedical Diagnostics Science of Health Care Delivery Exercise Science & Health Promotion Clinical Exercise Physiology Nutrition Obesity Prevention & Management BACHELOR CANDIDATES Speech & Hearing Science Nutrition Health Systems Management Science of Health Care Delivery Health Sciences Medical Laboratory Sciences Health Education & Health Promotion Exercise Science & Health Promotion Kinesiology

CLOSING REMARKS

ALMA MATER - ARIZONA STATE UNIVERSITY

Music and Words by *Ernest Hopkins* and *Miles Dresskell* Vocals sung by Mrs. Adrienne Goglia, Soprano Music Theater/Opera Performance

RECESSIONAL

ABOUT THE COLLEGE OF HEALTH SOLUTIONS

Arizona State University established the College of Health Solutions in May 2012 as part of a strategic initiative to build a new comprehensive enterprise for health education. The college is dedicated to translating scientific health research and discovery into practical interventions. Its programs prepare students to address the challenges facing our populations to stay healthy, improve their health and manage chronic disease – all toward improving health outcomes.

The college has experienced rapid growth and offers innovative degree programs to satisfy the global demand for qualified health and health care professionals. Programs are offered in behavioral health, biomedical informatics and biomedical diagnostics, kinesiology and exercise science, nutrition, public and population health, the science of health care delivery, and speech and hearing science. The college also offers non-degree executive and continuing education programs to help professionals achieve results in a rapidly changing health care environment. Faculty, staff and students at the College of Health Solutions collaborate with academic units across the university as well as with industry and community partners to drive change in health education, research and policy. Students learn from top-tier research and clinical faculty, have access to state-of-the art research facilities, and participate in solving real-world health issues through internships, transdisciplinary research and global study abroad experiences. Graduates of the College of Health Solutions are uniquely prepared to make an impact in the health workforce and shift the focus of health from sickness to wellness, addressing the factors that enable populations to be and stay healthy.

More information can be found at chs.asu.edu.

COLLEGE OF HEALTH SOLUTIONS

BACHELOR OF APPLIED SCIENCE

APPLIED SCIENCE

APPLIED SCIENCE (HEALTH SCIENCES) Kimberly Greenway Brienne Kuntz Rianna Rose Martinez Nicole Danielle Sanchez Ashley L. Sowell

(MEDICAL LABORATORY SCIENCE) Dulce Yisel Alaman Rauline Eden Amor Amponin Stephanie Mena Carrera Darlene Harris Danielle Luanne Huss Mandana Minai

BACHELOR OF SCIENCE

Alyssa Quinn Mueller Ryan Marie Mullins Danielle Marie Pacheco Colleen Marie Roberts Samantha Sandez William Allen Sides Yuritzquiri D. Martinez Zamora Chianti Alexandria Zerner

BIOMEDICAL INFORMATICS

Komal Agrawal Bianca Isabelle Argente Matthew Bilog Borlongan Austin James Gutierrez Ephrance Peninah Kalungi Aditya Somayajulu Ponnapalli Emma Patricia Roberts Shayna Marie Troftgruben

EXERCISE AND WELLNESS Abdoulkrem Hilal A Al Hilal Chancellor Ashley James Joseph Augustino Megan Bigley Olivia Danielle Brenneman-Francis Kealey Shae Bride Sarah E. Brown Amanda Jane Bumstead Marquis Tyrae Cerillo Brian Robert Cook Thomas William Dawson Dasean Devonte Deshazer

Philip Dimalanta Steven Dor Jordan Elias Jesus H Escalona Garcia Cody Hunter Gawlitta Shannon Christina Geraty Andrea Marie Germanos Payton Leigh Gipp Connor Wayne Gomez Alereese Cyndee-Ann Gonzalez Joseph Micheal Graham Jose Gabriel Gutierrez Marvin Lee Hames, Jr. David Anthony Hanson Hunter Severyn Hickman Dakota Hohenwalter Kayla Michelle Humbert Madison Emily Jacoby Justin Patrick Keller Sara Ann Klang Haley Glenne Marquardt Jacqueline Nicole Maytorena Clayton James McShane Jeffry Jason Menendez Lizeth Munoz

Samantha Pierson Cheyanna Hewey Shepherd Jaklyn Jean Smith Zeyu Song Shaiann Sorensen Maram K. Sweis Kerry Lynn Taft Shonell Renee Thomas Kyle Robert Tillack Jonathan Trinh Jason Henry Walter Jennifer Lynn Weetman Patrick Michael Welch Branden L. Wilson Ryan Lee Wong

EXERCISE AND WELLNESS (FITNESS AND WELLNESS SPECIALIST)

Sage Ahmad-Kirkendoll Andrew Ryan Austin Josemaria Casas Avelar Heather Lynn Benson Stevie Blackburn-Lazalde Mikayla Elizabeth Blauser Michael Joseph Bonno Jasmine Bosnino Angel Brito Ashlin E. Caltabiano Dalton Carlisle George-Daniel Baruiz Castanares Liam Paul Castle Tyler John Chleborad Maurice Colquitt Amanda Cordero Kendall Elise Cunningham Tatiana De La Mora Carissa DesJarlais Jaylen Isaiah Dickerson Ryan Edward Dietzman Nicholas William Doonan Kamrin W. Duckworth Christopher Patrick Egan Melissa Alaine Eisen Tania Cruz Fernandez Esmeralda Gomez Hanna Kay Harbula Heather Dawn Heinrich Beisha Lynne Hernandez Madeline Rose Hernke Jason Michael Hill Kailey Marie Hill Danielle Efosa Iyoha Darius Alvin Jackson Alicia Grace James Ines Janjic Alexander Jewell Alejandro Juarez, Jr. Taylor Loreen Kelly **Rachel Christine Kestian** Erica Lauren Labodi Jaclyn E. Leake Martin Lopez David Le Luong Cheyenne Marigny Thomas Joseph Murphy Derek Taylor Noonan Lisa Marie Nugent Rachel Ramsay Liliana Marie Reyes Kelsey Taylor Reynolds Jacob Gabriel Robles Erin Kimie Ruiz Jaron Wayne Scarbrough Tyler John Silva Carley Shaye Sokol Faith Lydia Sosa Eddie Angelo Soto Rachel Lauren Souza

Leslie Fernanda Jimenez Terrazas Bryce Cameron Mason Wiles Tyler Woody

HEALTH EDUCATION AND HEALTH PROMOTION

Danielle Terese Bowen-Weiszmann Hannah Howell Jennifer Michelle Keefer Alyssa Andre Klozer Brianna Danielle Kozlowski Melissa Anna McAnally

HEALTH SCIENCES

Ashley Danielle Abbas Kendra Campbell Chinyere Ezinne Dike Christopher Gagow Eishow Alexandra Hernandez Thomas Clemente Charles Juarez Callie Michelle Kelpsh Fiyinfoluwa Esther Koyejo Sydney Joyce Kutemeier Terryn Ann Popham Abigail Marie Zurbriggen

HEALTH SCIENCES (HEALTH POLICY) Rebecca Shenice Cox

HEALTH SCIENCES (HEALTHY LIFESTYLES COACHING)

Ashley Michelle Amico Susan A. Anderson Leonel Erik Arellano Diana Ednita Arnold Devin A. Arthur Rachel Victoria Bauman Ruth Amerson Boyd Kristin A. Briggs Danielle Rose Butler Eileen Guadalupe Carrell Jasmine Nicole Comer Paige Allison Coombs Brandy Jo Cowin Emily Nicole Davis Travis Sutton DeSart Shellyon Drummond Luis Andres Navarrete Duran

Amanda Lynn Flores Cheri Dixon Fortenberry Rachel Franks Brittney Denise Gage Carrie Gregory Elizabeth Erin Hargraves Morgan Lenae Harris Erin Nichelle Hill Janie Hom Marlese Lynne Iacofano Michele Jacobs Alyson Marie Jay Megan Riley Jones Talaina Myesha Jones Diana Rae Kassan Megan Laurie Killeaney Britani D. Kirkham Lauren Gabrielle Kury Bailey Marie Leggo Rosemary Susann Lindsay Kathryn Brooke Longbottom Alissa Manno Paige Morgan Milatz Angela Lavonne Moncada Thomas J. Morgan Brittany Mullen-Kapustensky Andrea Christina Neira Shaun Jordan Nolan Alyssa Nystul Adriana Orozco Hannah Leigh Osborne David James Overfield Benjamin Steven Pinol Wyatt Tyler Reimann Annie Marie Rembold Trey A. Rohman Katherine Gobenciong Barnes Sa Sofia Amna Sawal Keona Tanese Sheelor Bradley Mitchell Shinholster Evelyn Michelle Smith Avanel Finch Smithe Madison Kelli Yee Sui Sarah Sutphin Keith Eric Szafran Laura Cabral Tafoya Talina Victoria Talburt Andrea Noel Tsironis Alexander Vinuya Kathryn Celeste Walden Douglas Terry Walsh April M. Washinowski Addison Wood Zachary Zorn

HEALTH SCIENCES (PRE-PROFESSIONAL)

Holly Amber Achs Rexhina Ago Alyssa Cerise Anderson Anahi Aylin Aranda Sierra Elizabeth Boillot Brianna A. Bonson Kerry Calhoun Jessica Ruby Camacho Samantha Cheyenne Chiascione Austin Reid Cuaderno Tristan Javier Diaz **Emily Anne Evans** Christine Fahmy Erika Flores Enrique Flores Juarez Alaina Noelle Gignac Mitchell Drake Glauner Albert Ruhindi Haguma Christopher Clinton Jameson Janine John Britney Janae Johnson Sylvia Catherine Johnson Kurt William Keene Brock Alan Kistler Brenda Venecia Martinez Megan A. Meyer Erendira Rubi Moreno Jesus Antonio Moreno Quintin Myles Nelson Courtney Evelyn-Rose Nsibambi Alexis R. Ortiz Joseph Peloso III Yadira Perez Amy Marie Petersburg Kevin Brent Phan Lauryn Taylor Prioleau Quinn Alexander Pruitt Caroline Rose Purkey Ted Estevan Rico Cydni Anya Kealani Scott Victoria Jian Solomon-Duda Wynonna Ceajae Tesoro Jada Frances Tomlin Elizabeth Varona-Martinez Yanire Fabiola Vega Morgan Lee Wolfgang Ngai Wong Annalisa B. Wright

KINESIOLOGY Kristin N. Abad Adalberto Aguilar

Shad P. Andreas Randall Adrian Arroyo Makenna Noelle Autrey Robert Barnai Breanne Bornscheuer Nicole Marie Brodie Christopher Bryan John Nathaniel Campbell Connor Ulrich Cantu Joseph Alexander Cantu Jesus Castaneda-Gomez Henry Chukuma Chinyere Damian Phillip Chouteau Eryn P. Clark Derek Michael Conti Jonah John Corder Andrew J. Cox Kristopher Crone Samuel David Culbertson Taylor Jade Curry Courtney Marie Cutchall Jackson Darveaux Blake Dawson Iliana Nimet Deanda David Joseph Devine Marissa Duarte Nicole Elizabeth Elms Emily Marie Emch Caleb Arico Fabiano Christina Farhadians Noah Mateo Flores Skylar C. Flores Jordyn Marie Fulton Erik Gabriel Garcia Sandra Genis Mohammed Salahuddin Ghori Lauren Sydney Guerra Lauren Elizabeth Habiger Alyssa Marie Heffernan Carmen Herron Brian Hung Hoang Jessica Marie Janes Eleanor Grace Johnson Brendan Kane Lexi Kasofsky Rvo Kataoka Donovan Kudel William Gabral Lamb Andrea Celeste Leal Mireya Lopez Grace Lauren Lynds Jessica Marie Lvnn Andrew Frederick Mark Kaylyn Marie McAnally Jennifer Marie Mccluskey Curtis Jay Mcguire

Serena Medina Alexis Yvette Mendez Michaela Mitchell Lindsay Christina Mostrom Katherine Marie Najera Martha Ann Oberg Samantha Jessica Ortega-Hufana Rebecca Ortiz Autumn Peck Hailey Michelle Persons Madison Rae Petrusha JamieLee Richardson Yazmin Juanita Torres Rojas Lina Maria Quintero Segura Marissa Marie Savitch Olavinka Oluwakemi Sholola Ashley Nicole Smeykal Zoe Hunter Smith Carl Sommerfeld John Lee Son Miles Kazumi Soo-Hoo Esmeralda Soto Isabella Anne Sydenham Kazi Aseef Syed Ryan Raymond Syjud Nimisha Tanna Collin Teague Kyle Alan Temple Alex Belai Tewoldemedhin Abigail Ann Thompson Irvin Daniel Garcia Torres Zachery Minhkhiem Tran Robert Manuel Vazquez Trevor Owen Weinstock Tanner Troy Whiting Julie Elizabeth Eileen Wiley Christine Windsor Emilee Wood Karen Cristina Rivera Yepiz

MEDICAL STUDIES

Fardous Luai Mamoun Abbasher Ayan Abdisalan Ahmed Dunia Alsaffar Graham Robert Blanchette Stephan Nelson Bremer Austin Michael Cronen Tyler Luis Ellis Abigail Morales Encinas Noah Alexander Esquibel Jessica Lacey Gallagher Jayden Gubler Troy Christian Henley II Shelby Lynn Kahldon

Alexandria Leah Krauss Lily Kuang Andrew Logan Lataille Myia Tari Lomax Betty Diaz Lopez Kim Abigail Lopez Taylor Ann Lillian Mcdowell Wing Yan Pang Leslie Sarmiento Pascual Fernando Resendez Taylor Lindsey Schulte Parker Bruce Shumway Paige Larissa Terhune Jordan Anthony Tomlinson Leonard Vandekerkhoff Marlene Bridget Villacis Vincent Vu Ryan Simene Waggoner Kenzie Karyl Wood

NUTRITION

Sean Deblat Vanessa Evans Tammy E. Griffin Alexis Paige Hatfield Katelin Renae Jensen Larissa Keller Nicole M. Laubenthal Kelsey Irene Monteith Krista Ann Thompson Brandin T. West Eric David Wurster

NUTRITION (DIETETICS)

Angelica Avelar Adelita Bagley Tobi P. Bankole Sabrina Nicole Salas Barron Yakira Eliana Bergsman Mary-Kate Alexandra Bilazzo Breanna Bradley Black William Louis Bresette Gizella Canizales Colette Alba Cocquerelle Jessica Lee Cross Lisa Marie Diefenderfer Kylee Jo Duede Lauren E. Eder Annika Elizabeth Fager Tyler Maurice Florek Candis Rachel Futch Chevann Geis Molly Kathryn Griffin Alexandra Marie Grossano Danielle Haworth

Ruby Alejandra Hernandez Marlies Katherine Herzing Hannah Isaacson Hailey James Amanda Jochimsen Lauren Jae Kieffer Kassandra Marie Koester Sadie Mae Larsen Florentina Lara Madrigal Margaret Matzinger McKenzie Erin McGlone Carina Marie Morris Madison Neelev Eric Joshua Nuñez Austin Dale Ohlson Hannah Lee Olsen Jordan Grijalva Perez Carina Kubiczewski Platte Kate Marie Quigley Keelin E Murphy Riepe April Lee Robles Mariana Rodriguez Clinton Everett Stevens Madison Seaman Stewart Matthew Blake Thatcher Jessica Michele Turnbow Christen Valentine Shandel Vega-Soto Karen Victor Brendan Wadlow Erin Marie Washbon Rebekah Lynn Winters Merih Afewerki Woldu Brittaney Anne Zeth

NUTRITION (FOOD AND NUTRITION MANAGEMENT)

Haylie Katheryn Arivett Benjamin David Becktold Samuel Aaron Branson Ashley Devlin Remy Reis Farias Jonathan Bailey Gillian Kim Kilmer Sarah Diane Lessard Kelly Lewis Dawn M. Mccann Darilyn Perry

NUTRITION (HUMAN NUTRITION)

Mirela Ananieva Jordan Alexa McDermed Peyton Lee Muralt Holli Schuitema Bailey Elyse Staton Heather Lynn Stetz Jenna Grace Tancredi

NUTRITION (NUTRITION COMMUNICATION)

Alexandra Lynn Anderson Tocquien Jenee Brown Rebecca Noelle Calzada Erin King Shannon Leland Ellie Nicole Marquez Madison Susan McMain

PUBLIC HEALTH

Ritah Arishaba Monica Desiree Hernandez Cubias Lucia Marie Garcia Sara Mailatyar Leah Nakaima Jemma Rachel Seeley

SCIENCE OF HEALTH CARE DELIVERY

Garneel Joseph Azor Shane Kody Early Martina Cano Enriquez Monica Isabel Gonzalez Esraa Khader Janine Michelle Madrid Joshua Alexander Nagengast Carmen Estela Nevarez Rebecca Nadine Renalds Carmlina L. Sandoval Vivian Persons Stewart Zachary St. Martin Anna Colleen Swette Alexander Vanderah

SPEECH AND HEARING SCIENCE

Kaitlin Anne Adams Brooke Alexis Anderson Susana Torres Arenas Taylor Melissa Bakeman Cole Zachary Baxter Kelsey Heather Beck Destiny Denae Berry Sara Marie Birner Emilie Lynn Bonkrud Kendal Lee Cameron Kendall Mae Chan Delaney Jennifer Collins Bronwyn Anne Courtney Haley Tricia Lynn Didelotte Jacqueline DiGiose Inbal Donenfeld-Peled Adam Kason Dowling Lacee Carole Fitzgerald Alexandria Gendrachi Daza Astrid Hernandez Rachel Marie Hom Yuliya Ignatyeva Taylor Ann Lee Lauren Nicole Levanovic Sarahi Perez Lustre Jimmy Josue Madrid, Jr. Amanda Brooke Mael Marcella Melendrez Jessica Minjarez Karina Navarrete Amanda Jean Pennington Emily Purdy Emily Lynne Reader Cassandra Kay Rehwalt Kristen Mary Salem Laura Patricia Sandoval Kristen Nicole Shear Merisa A. Stefaniak Kiva Sterin-Breschi Nicole Ann Thomas Hayley Anne Toyne Michelle Ho Tran Mary Kate Trigsted Adrienne Joy Wakefield

COLLEGE OF INTEGRATIVE SCIENCES AND ARTS (Established 2016)

DUANE H. ROEN, PHD Vice Provost, Polytechnic campus Dean, College of Integrative Sciences and Arts Dean, University College

> NICHOLAS O. ALOZIE, PHD Faculty Head, Social Science

RICHARD C. BAUER II, PHD Faculty Head, Science, Mathematics, and Social Science

KEVIN H. ELLSWORTH, PHD Faculty Head, Leadership and Interdisciplinary Studies

> JACQUELINE M. MARTINEZ, PHD Faculty Head, Languages and Cultures

KELLY STEELE, PHD Faculty Head, Science and Mathematics

BROOKS D. SIMPSON, PHD Faculty Head, Interdisciplinary Humanities and Communication

LISA SPANIERMAN, PHD Faculty Head, Counseling and Counseling Psychology

COLLEGE OF INTEGRATIVE SCIENCES AND ARTS CONVOCATION

9:00 a.m., Friday, May 10, 2019 Wells Fargo Arena ASU Tempe campus

WELCOME

Duane H. Roen

CONVOCATION ADDRESS Lois Brown

PRESENTATION OF OUTSTANDING GRADUATE AWARD ASU Alumni Association

OUTSTANDING UNDERGRADUATE Caroline Kaiser

OUTSTANDING GRADUATE Gilbert Jew

PRESENTATION OF GRADUATES

Irene Bloom Rajni Nair

RECESSIONAL

Phoenix Scottish Pipe Band

COLLEGE OF INTEGRATIVE SCIENCES AND ARTS

The College of Integrative Sciences and Arts provides students across ASU with the knowledge and skills to comprehend and effectively engage the changing world of the 21st century at local, national and global levels.

We offer graduate and undergraduate degree programs that prepare students for a rapidly changing marketplace, as well as foundational instruction in humanities, social and natural sciences, mathematics and professional fields. Our exploratory and major and career exploration programs empower students to find a major anywhere at ASU based on their interests, career goals and personality traits. Faculty support knowledge enterprise development by advancing research, clinical and creative activities that promote discovery, innovation and human understanding. The college is guided by the principles of student success, strategic partnerships within the university and the community and interdisciplinary inquiry.

Theory, creativity and applied learning are integrated as students build entrepreneurial opportunities both inside the university and in their communities. In addition, the college serves the citizens of Arizona by offering a variety of outreach programs that engage people in cultural events and lifelong learning. The college is home to the Center for the Study of Race and Democracy, which serves as a leading interdisciplinary, problem-solving venture committed to engaged scholarship and information dialogue involving the topics of race and democracy.

COLLEGE OF INTEGRATIVE SCIENCES AND ARTS

COMMUNICATION

Sarah Katherine Anderson Rachel Taylor Fisher Cyrus Ian Geller Kelsey Renee Hillhouse Kiana L'chele Keys Angela Rosemary Marozza Richard Aguilar Martinez Shea Marie Neill Pamela Bonnie-Rotceh Padilla Jon Christopher Peck, Jr. Alicia Sierra Quiñonez Melody Dawn Timmerman Allison Lorraine Whitcomb Deandre Victor White Taylor Scott Wormann

ENGLISH

Alexis Boni Sarina Justine Brown Madeline Alena Cole Jessica Rae Gonzales Kylee Rose Hayes Bray Comb Lawrence Kory Richard Pelletti Lunden Murial Santana Kaitlyn Lee Ten Haken Mariah Kalli Voshel Michael Rockford Wanamaker

GENERAL STUDIES

Angus Coulter Bellue Madison Lee Corum Robert Samuel Dawson, Jr. Selmy Lizeth Figueroa Rebekah Elizabeth Hamper Alfredo Guadalupe Limon-Galvez Derrick J. Nishi Matthew Adam Vargas

HISTORY

Kevin Robert Cook Bryce Scott Duffy Holly Ann Jones Kamerin M. Lowery Travis R. Panuccio

BACHELOR OF ARTS

INTERDISCIPLINARY STUDIES

Cameron Mckay Abbott Shannon Elizabeth Adams Zamara Aguilera-Nunez Niloofar Alizadeh Jenae Caryn Anderson Alexa Angel Gomez Ekaterina Arias Sarah Marie Avila Drew Sumner Awerbuch Taylor Lynn Bahrijczuk Kallyn Ellesse Barkey Angelica Marie Barron-Santella Nicole Emily Basile Melissa Kristine Bastien Ben Battson Lucas Kamaki Bell Chelsea Lynn Bennett Kirene Gail Bennett Andrew Bennett-Kennett Summer Linn Bergmann Marla Patricia Bilbao Chennel Marie Binggeli Raphael Omar Blanco Michael Rudy Bloomfield Patrick Boukis Luc Paul Brennan Deborah Rose Brines Lucas Macarthur Brown Paul D. Brown Joseph Bryant Caitlin Rayanne Burke David Raymond Burton Anthony M. Cabello Mathew Stefan Calimpong Lia Brianna Cammarata Chase M. Campbell Xueer Cao Luis Miguel Cardenas Joseph Michael Cardini Courtnei Dominique Carey Justin Daniel Cotto Chamberlain Tiphani Sade` Chaney Brandan Tyler Chase James Edward Chavez Margaret Chow Shane Robert Chrisman Michael Anthony Ciambella Tyler Dakota Clark

Issak Andrew Comparan Camisa Anne Composti Alexandra Ann Cooke Mackenzie Couto Lauren Cumberledge Ian Douglas Cummings Ashlee Chanel Cunningham Ryan Patrick Curry Jack M. Curtin Kaitlin Ann DeBiasio Megan Elise Deneault Aylish Mary-Lorene DeVore Cole Riley Digman Dennis B. Dionisio Rebecca Anne Duckworth Lance Easley Shawn Stephen Easton Kirstie Louise Edwards Matt Engelhard Veronica Dominguez Erives Zachary R. Fagan Elijah James Farrell Christian John Ferm Jake Michael Fernandez Monika Leigh Ferrer Evan Flores Austin Bennett Foley Letisha R. Foster Kayla Marie Franklin Kaitlyn N. Fronczak Brittany Marie Fry Annamarie Lynn Gansheimer Nicolas Robert Garcia Seri Joy Geisler James Joseph Giorgi Holly Nadene Graham Nile Matthew Gregorio Garrett Richard Grismer Matthew Pete Guerra Loagyn Guill Mariam Gutierrez Keegan Mcnamara Haines Michael Hames Paul Michael Harker Hillary Heath Francisco E. Castro Hernandez Hernan Ismael Hernandez Marissa Monet Hernandez Lucas Andrew Hoem Kariane Elizabeth Huston Kianna Christine Ibis Joy Danielle Ivy

Ryan Kenley Jackson Trace Gordon Jenkins Fubo Jiang Caitlin Victoria Johnson Madison Claira Johnson Michael M. Johnson Teresa M. Jovce Derek Harold Kanarek Austin M. Kaphammer Danielle Kerr Karasov John Patrick Karczewski Dania Kassab Julia L. Kays Amanda Rae Kelly Zachery West Kluver Justin Keaton Knoll Katherine Lynn Knoll Garrett Paul Kohlman Anika Raj Krishnan Anthony Stephen Lacko Vedant Lahoti Brett Michael Laine Derek LaMaide Cara D. Lamberg Tate Kaleb Lamoreaux Alyssa Ann Lapides Mathew Ryan Larsen Dayne Lauer David Joseph Lawrence Lingxiang Li Qianyu Li Nikolas Martin Ligidakis Creighton Wesley Little Ann Lobis Gina Logrande Charlotte Anne Lorey Alex Losoya Kianna Marie Lum Ryan L. Maccia Madeline Deraay Major Samuel Anderson Mankin Arthur Martinet Kevin J. Marz Michael R. Mascetti Matthew Jonathan Mathers Samuel Keller Mathers Jacob Alexander May Marina Simone McDaniel Ronald Tyson McDaniel Emily McGill Destini Leigh Mcgriff Halev McKee Brandon Scott McLain Takiysha Yvonne McLaughlin Heather Jo McNall Amanda Meek

Michael Anthony Mele Shia Mason Mendoza Allison Michele Miller Zachary Lloyd Miller Thomas Anthony Minaudo II Vincent A. Minnick Tomas J. Minto Adam Gardner Moldowan Alexis Moore Jennifer Alvarez Morfin Zachary Owen Morris Sarah Michelle Mulcahy Rebecca Mulera Alex Jeffrev Munster Ricardo Alejandro Murillo Ryota Nakamura Amanda Avory Brooke Nalder Marshal Colton Nathe Stephanie Nesbitt Brianna Paige Newman Felix Ngatunyi Marie Bernadette Delos Reves Obsuna Francisco Antonio Garcia Oieda Rachel Jo Olen Natalia Kelli Olle Joshua Richard Olszewski David Ott Brooke Daisy Overturf Angela Renee Palma Bradley Christian Patterson Tawny Nicole Pelloni Chloe Penprase Joseph Peral Anthony C. Peterson David Huynh Phan Raul Pinedo Stephen C. Prokow Jamie Lynn Pryor Roberto Ramirez Lauren Marissa Rehkopf Casey Alyssa Rhode Jacob Ivan Rhodes Trey T. Ridenour Christopher Edward Rico Ridgeway Shyann Rio Joseph Jacinto Rivas Carley Georgia Roberts Ariel Alexis Robiskie Jasianna Marie Rodriguez Tyson C. Roy Joshua J. Ruiz Anna Russell Michael David Sabol

Rajan Sajni Carlos Sanchez, Jr. Mariah Olivia Sanchez Benjamin T. Santos Danielle DeAnn Schaffer William Edward Schuster Michel Mansoor Seporghan Kaitlyn Lorraine Sermon Phillip Shambre Gretchen Faith Sherry Alexandria Danielle Smith Lindsay M. Smith Jino Sohn Kevin Lopez Soto Tristan Martinez Soto Shayna Nicole Stephens Seaver Lee Stockwill Haley Kay Street Philip Ray Swift, Jr. Rebecca Szakacs Grayson Callahan Taber Alex Danny Tatar Justin Taylor Robert Zachary Taylor Ashleigh Mishale Thomas Ashley Thompson Uriel Tinoco Tyler Tobyne Zachariah Stephenson Townley-Mcbane Timothy John Trankle Tracey Jean Trefz Ashley Nicole Trojanowski Brandon Turner Edgar Alan Uriarte Anthony Valencia Jasmin VanGelder Robin Elsa Vazquez Baba Abhishek Veera Cameron Scott Velastegui Nicholas K. Villarreal Benjamin Douglas Vitón Matthew Daniel Walsh Shelby Rae Watkins Keith Ellis Webb Eileen Wells Alicia Marie West Nicholas R. Whaley Patricia Williams Sarah Chalyse Williams Shane Rick Williamson Princeton Jonathan Wilson Mia Khleo Wong Jared A. Yaccarine Isaiah Yonas Evan York

Jiawen You Dylan Howard Young Anand Shadman Zaman Derek Evan Zamarripa Tavai Ann Zaysoff Alexander Walter Gerhard Zentgraf Brittney Elizabeth Zeurcher Ruosen Zhai Chi Zhang Joshua David Lehi Zuniga

INTERDISCIPLINARY STUDIES (ORGANIZATIONAL STUDIES) Ericka Savill Adams Kelsie Marie Bischoff Vanette J. Castro Elaine Marie Jensen Evon Irene Martinez Alicia Rivera Jordan Wallace Robert Wilberger Chaunasea Chynna Williams

LIBERAL STUDIES

Alyssa Jo Abramson Emily Heim Adams Adekemi Seri Ademuyewo Gwendolyn Dianne Anderson Nicole Lynn Andreski Lauren Kelly Ast Celeste Rosas Baeza Bethany Rose Barger Rayshelys Barsey Elizabeth Marie Bartz Bryan Mark Batchelder Ashley Rene Baum Federico Bertele Samuel Lee Blake Carmen Joshua Boyer Jarrett Dale Brandenburg Michael Robert Bryan Kelley Melissa Cahill Lauren M. Carter Monica Yesenia Cassiano Roberto Carlos Castillo Kelley Lan Chan Terrell Domonique Chatman Zylan Anthony Cheatham Vladimir Chong Anna Marie Christie Stephanie Marlies Clement Kyle Coggins

Matthew Cole Coggins Samuel Dajon Coleman Jennifer M. Cordova Kristen Corv Laura Jennifer Cross Michael Cross Davalos Jenifer Davenport John S. DeWitt, Jr. Patrick Michael Leon Dolak Mi Donahue Joshua Aaron Dorado-Dondiego Rachel Ann Drake William Scott East Ashley L. Ecton Rob Edwards IV Logan Walker Emerson Tanner John Emeterio Mariam Epitashvili Alfonso Alberto Fajardo Angela Fazio Lauren Anne Feinstein Brett Allen Fesler Daisy E. Flynn Marissa Freese Ceeihav Mikael French-Love Staci Fritz Kristi Ann Fruhbauer Gilbert Anthony Galarza Armando Charles Gandarilla Michael E. Givan Taryn Katherine Gomez Rohan Barthakur Goswami Zane Austin Gray James Matthew Griffin Raymond Paul Guerrero Dianna Hackett Nina Hartsell Chauncy Haynes Sarah Marie Henderson Jocef R. Hernandez Jose Alejandro Hernandez Andrew G. Herschede Joshua Sebastian Hibert Ian Holton Kaury Hooper Karen Marie Houghtaling Erin Huskey Jennifer Huston Scott Raymond Hutson Casey Ivancich Miruthula Jegadesan Aaron Shawn Johnson Kendra Marie Jotten Brian Paul Karbowski Jacob R. Kelley

Angela Lauren Kent William Michael Kirkland Korbyn James Kozelka Anne Kuhm Dequon Sylvester Lake James Joon Lee Joshua Leonard Kathleen S. Lewis Huabao Li Elizabeth Marie Lopez Orlando Lopez Alexis Lee Loschiavo Farah Lourie Traci Sue Lucas Christopher Joshua Magana Alison Mary Mahoney Ashton Elizabeth Mariano Heather Michelle Martinez Michael Masters Jennifer Melkoumian Alan Middeker Robert John Milanowski, Jr. Kateline Miller Philip Glenn Mitchell Jaimie Tamar Moldt Nicole Elizabeth Montes Ashley Madelyn Monzon Steven L. A. Moore Jordan Moragne Jason Edward Muncey Sean Michael Munroe Wade Daniel Murphy Joanah L. Myers Desirae Nelms Judith Michelle Nienhardt Timothy Wayne Oliver James Michael Ortiz Luke Thomas Otto Evangelina M. Paniagua Esther Eunwoo Park Stacy L. Pfiffner Johnny Proano Deborah Pumarino Vuki Radovanovic Ahnaf Fyaz Rahman Dawn Marie Railev Damarious Wayne Randall Paige Jordan Rauner Meagan Read Audra Kathleen Robertson Amy J. Rodriguez Samuel Romero Contreras Kathy Marie Rosales Madison Lois Rose Robert John Salas Doug Sander

Wesley Sapp Susan Saunders Roselle Torres Schmidt Cody J. Schultz Christopher A. Shoemaker Evan Siebuhr Alexandra Elise Sigler Darius Marquise Slade Bryan O. Small Andrea Bridgette Smith Lesley Ann Smith Emily C. Sukiennik Jacquelin Kristine Sullivan Yasmine Tabbara Toni Yvette Taylor Khalil Thomas Maren Dafoe Tollefson Catryna A. Trimble Gage Frederickson Tucker Natalie Victoria VanHolbeck Jacqueline Dominique Verge Bethany Sue Walsh Jereme Warner Teresa Claudine Weber Lucas Francis Wilkinson Christine L. Williams Jacob Mark Williams Jay Jay Jayvaune Wilson Calvin Wong Alicia Alexandra Marie Wooten Yijian Wu Karina G. Zamarripa Sari Brittany Zweig

ORGANIZATIONAL LEADERSHIP Jill Allan Amber M. Arnold Miranda Astrain Micah James Balfour Brayan Becerra Katelyn Renee Berghorst Shelly Kay Smith Bird Beth Bischof Elijah Anthony Boecker

Danielle Bradford Conner Wesley Brown Robert L. Brown III Michael Shawn Burchett Amy Cahill Bradford Wayne Cavanaugh

Natasha Marie Clark Marvin Deshon Colburt Teresa Lynn Collet-Sagner Jose Luis Cordova Alanna Dawn Correa Michael Cox Alexander Pletch Decker Trisha Yukari Dintelman Riley J. Di Pol Tonya Maiden East Alexandra P. Eid Anthony Michael Escalona Lewis R. Frazier Joshua Samuel Fruchtman LeeAnne Elizabeth Gearhart Tyler Scott Gibbs Raquel Gillett Ryan Charles Gleeson Lindsey Rae Griffin Eric Randal Gullikson Catherine Marie Hancock Rebecca Taylor Hardin Ashlvnn Marie Harris Brian Allen Herman Crystal Saldana Hipolito Alyssa Anne Hobbs Sean Hollingsead Andrew Hughes Rachel Marie Hyde Eve Johnson Rhonda Kane Jade Kaufman Michelle D. King Nathaniel Klijewski Jocelyn Jamie Koff Zackery Kohon Jessica Laidlaw Christina Lee Blake Farris Libby Sarah Renee Lierman Yesenia Lopez Lydia Grace Lundquist Kimberly Rose Margiotta Johanna Munoz Martinez Lauren N. Maurer Dakota Phil McBride Tristan Luc McCormick Jazmine McFarland Leslie Ann Mclawhorn Gloriana Mendez-Vargas Joshua Dylan Miles Tanva C. Miller

Destiny Hope Morel Angela C. Muhs Shundine Melanie Neel Leticia Nolda Amanda Obusan Heather Renee Otten Mackenzie Fave Palmer Selena Peterson Gregory Alan Pitts Bobbi Lynn Plante Christopher Pogar Curtis Pollock Gavendra Maraj Rampertaap Mark David Revalee Donald Rigaud, Jr. Adrian Fernando Rodriguez-Gonzalez Kathy Dolly Rosales Ryan Patrick Salwak Ryan Sambrook Amy Elizabeth Schauer Clancy Wade Schmidt Jennifer Schmidt Sarah Michelle Scrivner Ethan Paul Siegler Kenneth Lane Smith II Christa Leigh Solovieff Arturo R. Spencer Tessa JoAnn Stanzione Paul Michael Stine Pcyeta Jerlin Stroud Stacy Faith Stuart Cynthia Sulejewski Stephanie Summers Destiny Dawn Taylor Stefanie Danielle Thomas Mariah Mari Velarde Hossein Vetry William J. Wagner Robert Kenneth Weaver Gabrielle Kate Wein Rianna Lucille Welles Grant Wilkinson Taylor Nicole Williamson Morriah Amelia Dionne Willy Joshua David Wilson Cassie Withrow Cassie Lynn Yurich

PSYCHOLOGY

Bayley Rae Evinrude Sydney Ann Thornton

APPLIED BIOLOGICAL SCIENCES

Brittany D'Ann Allen Yuribia Arroyo Yasmin Bernal-Fung Matthew D. Brown Kendall Rene Capra Christopher Brett Carlton Tyler Grant Carr Madison Aundrea Clar Joshua Cade Clark Christian Wesley Conner Shelby Curry Jessica Dwyer Rachel Leah Fensterheim Jennifer Louise Gerhard Thomas Dwain Gonzalez, Jr. William Harper Timothy G. Heslop Sarah Christine Horst Jacob Aaron Kasper Darlena Le Morgan Michelle LeBlanc Denetria Chloris Lewin Joshua William Lunsford Kristine Anne Mavormita Cristina Ann McElrath Julisa Gabriela Ochoa Valeria G. Peñuela Ortiz Priscilla Ann Pérez Duc Huy Pham Sarah Michelle Scrivner Abbey Leslie Sewell Alysia Monae Shields-Havwood Lorraine Urie Nallely Villezcas Shelby Joclyn Wilkerson

APPLIED BIOLOGICAL SCIENCES (APPLIED ECOLOGY AND PREVETERINARY MEDICINE) Melody Ann Peterson-Futch

APPLIED BIOLOGICAL SCIENCES (NATURAL RESOURCE ECOLOGY)

Keaton Lee Davis Grant Falvo

BACHELOR OF SCIENCE

Katey Marie Linch Emma Mackenzie-Corley Lynch Sharon Maurer Melinda K. Miller Amanda M. Overholt Chandler Smith Zachary Michael White Sarah Yandle

APPLIED BIOLOGICAL SCIENCES (PREVETERINARY MEDICINE) Ursa Sky Allred Madisen L. Barton Aspen Marie Carrasco Karissa Jeanne Conroy Kalee Marie Farberow Whitney Morgan Mecham Tina Marie Pedicini-Dolce Eliška Raene Shuck

APPLIED BIOLOGICAL SCIENCES (SUSTAINABLE HORTICULTURE)

Anastacio Manuel Becerra Frank Carter Cirincione Kevin Hiroshi Yamaoka

APPLIED MATHEMATICS

Ty Robert Achten Maurice John Bahij Ajluni Anh Huynh Theresa Lynn Pacatte Anna Lynn Paxson Jason Christopher Salas Celso Assiz Mundo Sayas Brian Felix Sweeney III

APPLIED QUANTITATIVE SCIENCE

Annabel Haruka Judd Joseph Robert Mexicano Elliott Logan Newman Ahnaf Fyaz Rahman

POLITICAL SCIENCE

Cole Joseph Crippen Kyle Andrew Hohmann Cristy Ivette Solis Rodriguez Blake Aiden Saiyan

PSYCHOLOGY David A. Renteria

SCIENCE, TECHNOLOGY, AND SOCIETY Kenneth Earl Vicencio

TECHNICAL COMMUNICATION Brittany Barranco Melissa Anne Beer Patrick William Browne Mary Kaitlyn Browning Suzanne Helene Crossman Vicky M. Fleisher Lauren Melodee Heaton Ashleigh Nicole Howell Ellen Jacobson Creighton John Jenkins Ashley Nicole Jossick Terrence Evan Lee Shannon Rose Moody Curtis James Neuhausel Heather Michelle Newton Jessica Salinas Taylor Donald Shreeve Hannah Dawn Slater Caryn Debra Sobel Victoria Elisabeth Temples Rebecca Tenace Quinn Camile Tracy Alvarae Tsosie

TECHNICAL COMMUNICATION (USER EXPERIENCE) Christine Marie Forni

THE COLLEGE OF LIBERAL ARTS AND SCIENCES (Established 1953)

PATRICK J. KENNEY, PHD Dean of The College of Liberal Arts and Sciences

> JEFFREY COHEN, PHD Dean of Humanities

NANCY GONZALES, PHD Dean of Natural Sciences

ELIZABETH WENTZ, PHD Dean of Social Sciences

KENRO KUSUMI, PHD Associate Dean of Research and Digital Initiatives

PAUL LEPORE, PHD Associate Dean for Student and Academic Programs

> LINDA LUECKEN, PHD Associate Dean of Faculty

FABIO MILNER, PHD Associate Dean of Graduate Initiatives

> MARTIN WOJCIECHOWSKI, PHD Associate Dean for Facilities

THE COLLEGE OF LIBERAL ARTS AND SCIENCES CONVOCATION

Tuesday, May 7, 2019 Maroon Ceremony: 9 a.m. Gold Ceremony: 2 p.m. Wells Fargo Arena ASU Tempe campus

STAGE PARTY PROCESSIONAL

MASTER OF CEREMONIES Paul LePore, PhD Associate Dean for Student and Academic Programs

THE NATIONAL ANTHEM

"The Star-Spangled Banner" - Francis Scott Key

REMARKS

Patrick J. Kenney, PhD Dean of The College of Liberal Arts and Sciences

INTRODUCTION OF GRADUATES

Readers

Barbara Lafford, Professor, School of International Letters and Cultures Peter Lafford, Associate Research Professional, University Technology Office Helene Ossipov, Associate Professor, School of International Letters and Cultures Andrew Ross, Head of Learning Support Services, School of International Letters and Cultures

ALMA MATER - ARIZONA STATE UNIVERSITY

Music and Words by Ernest Hopkins and Miles Dresskell

RECESSIONAL

THE COLLEGE OF LIBERAL ARTS AND SCIENCES

As the academic heart of Arizona State University, The College of Liberal Arts and Sciences fosters unmatched access, educational excellence, and interdisciplinary inquiry to generate solutions for the changing world. Our diversity and dynamism ignite continued growth and development in any field of study, from space exploration and chemistry to history and justice studies, to create global citizens for the 21st century.

We unite our academic disciplines — the analytical ability of natural scientists, the creativity of humanities scholars and the curiosity of social scientists — to harness the power of our interdisciplinary nature. We encourage our students to follow their dreams, pursue their passions and accomplish their goals in order to create a better future for the next generation and beyond.

Our faculty personify a broad vision of legendary academic scholarship at the forefront of global innovation. They teach our scholars how to adapt to new challenges and a changing landscape so they're capable of tackling tomorrow's challenges with ease. Any institution of higher learning can train a student for a first job, but we'd rather create master learners who are equipped with the right knowledge and skills for a lifetime of success. The liberal arts and sciences remain the best foundation for successful careers and deeply rewarding personal and professional lives.

We transform learning, accelerate discoveries and change lives.

HONOR CORDS

Some of our undergraduate degree candidates wear maroon and/or gold honor cords. These cords designate students who have completed at least 56 resident credit hours at ASU and who have attained the following grade point averages:

Summa Cum Laude = Maroon and Gold cords, 3.80 to 4.0 GPA Magna Cum Laude = Gold cord, 3.60 to 3.79 GPA Cum Laude = Maroon cord, 3.40 to 3.59 GPA

THE COLLEGE OF LIBERAL ARTS AND SCIENCES

BACHELOR OF ARTS

AFRICAN AMERICAN STUDIES Kamilah Nadiyah Souvenir

ANTHROPOLOGY

Ramona Nicole Adair Cody Adkins Azzam Almouai Alfredo Maeso Arias Joseph Alan Armstrong Grace Kathryn Auclair Kameika Jade Bagio Oscar Daniel Barrera Aspen Beals Marten Arjen Bijvank Dean Michael Blumenfeld Jessica Alyssa Bradford William Thomas Burroughs Katerina Caldon Kurtis Lee Colter Emily Edmonds Aiden Cheyn Estridge Xanath Robin Flanders Rielee Flodin Brenda Lynn Garcia Brandan Lee H. Leroche Kathryn Marie Haughney Bailey Ann Howard Thaimae Le Noah Shawn Livingston Brandon Joseph Magick Gregory Lawrence Mansfield Nicole Elizabeth McCanless

Mary Pearl McKay Ariel M. Medley Daniel J. Newbanks Natacia Samantha Perryman Stephanie Patricia Price Cassandra R. Reed Stephanie Michelle Roe Sarah Russell Whitney Scharpf Veronika Jeanne Schroers Cara Charlotte Spariosu Matthew Steber Amanda Lou Stillwell Victoria Isabella Taruso Lucas Patrick Theriault Jesus Adrian Vega-Valdez Coleton Albert Von Roeder Amanda Waleryszak Sarah Elizabeth Withrow Heather Rendon Zamudio Andrea Zuleyma Zapata

ASIA STUDIES (EAST ASIA) Isabelle Jean Emerson Lindsay Michelle Erjavic Alexandria Kate Paterson

ASIAN LANGUAGES (CHINESE)

Nicole Fernhout Corinne A. Horton Mary Kathryn Kennedy Michael John Napolitano Henry Elliott Stolow

ASIAN LANGUAGES (JAPANESE) Erik Robert Allen Midi Anne Brown Christian Kouta Colbert Sierra Marie Granillo Andrea M. Howard Sidney Honda Kao Brianna Lawson Benjamin C. Mangilit Genevieve Nguyen Matthew Spencer Wyatt

ASIAN PACIFIC AMERICAN STUDIES Ronae Matriano

BIOCHEMISTY

Alonso Guadalupe Aceves Nasser Abdul Baki Jordan Jeanette Iglesias Victor Nava, Jr. Anne M. Schmidt Kambrell White

CHEMISTRY

Sierra Nicole Murphy Levi D. Spencer Alexander James Walker Shiyang Zhou Wang

CIVIC AND ECONOMIC THOUGHT AND LEADERSHIP Elana Quint

COMMUNICATION

Jacqueline Aguilar Madelaine Anne Beitzel Nicole Cerimeli Tyler Mark Cervenka Tonie Danielle Cook Cierra Anastasia Creer Martha Gaspar Domingo Andrew Nathan Eisen Elizabeth Fast José María Fierro Elisabeth Grace Garland Chloe Gibbons Tanner J. Gray-Spencer Alex William Harrison Calee Arissa Herron Kacie Alexandra Jensen Sarah Christine Jesseph Cole Linlee Kistner Chevenne Kraft Amanda Nicolette Lassak Esmeralda Lechuga-Gutierrez Elizabeth Libera Ashley Nicolle LoMonaco Natalie Mary-Rose Lopez Madison Emilia Manzo Michaela Martin Emily Lynn Mitchell Monesha Alesanderia Moultrie Sara Anne Ozer Caroline Janine Paul Daniela Perez Molly Ann Perriman Sophia Danielle Pieri Monica Pius Rachel A. Shultis Emma A. Sosnoff Esteban Alberto Suarez Ethan Bailey Tan Kevon Allen Taylor Robert Michael Tovar Kaitlyn Chantal Vanklompenberg Jazmin Lucia Yepiz Zoe Salina Zamora

EARTH AND ENVIRONMENTAL STUDIES Sierra Caitlyn Apillanes Emma Clow

Jefferv Keith Cochran David Reed Desilva IV Ryan Ellwanger Madison Marie Esh John William Fisher Bianca Marina Garcia Scott Richard Herron Connor Michael Kirby Megan Kroes Kelsey Ann Liss Kailee Marie McCoy Miguel Ortega Sebastian Henry Salinas Katie Madeline Sawver Cameron Michael Scott Matthew Steber Julien Frederic Herman Tokiniaina James Yurasits

ENGLISH

Jeremy Adams Bavlen Nicelle Alsid Nora Patricia Anzalone Joshua Zachary Bachmann Matthew Stephen Bacsalmasi Joy Banks-Chapman Amanda Shaye Baugh Jennifer Marie Bay Olivia Frances Beggs Aurelia K. Brown Cindy Burns Sharon Traspe Castor Elaine Chandras Timothy Paul Chatham Kendra Caira Conine Stephanie Christine Contreras Alexandra Ann Cuddy Whitney Nicole Dalp Damaris Jade Davis Megan DeBellis Logan Orion Domaratius Dakota Doney John Spencer Dunn Mia Renee Eichenberger Emily Encinas Shereka Karena Fagan Sandra Fernandez Esperanza Flores Samuel Joseph Garner Kaniel Geeslin Matthew Geoffroy Ramona Marie George Megan Gliori Robert Golla Lisa Maria Graziano

Eric Griffiths Laura Ellen Haack Katherine Elizabeth Halweriz Jacqueline Marie Hamilton Callie Ann Harkins Gary Edward Havel, Jr. Allison Holland Dresdyn L. Johnson Nicole Lynne Jones Kevin John Kiem, Jr. Kristen Louise Krip Thaimae Le Michael Robert Lewis Emily Lombardi Kassandra Renee Lopez Theresa V. Loughlin Sarai C. Lyon Lauren Taylor Marsh Nicolas Marshall Kimberlee Mathies Ashton Jade Mcdaniel Nicole A. Mcintyre-Liberatori Michael Taylor Miller Shannon Marie Millsap Natalie Maria Mitchell Desarae Angelica Montes Daniel Murillo Nondumiso Lungelwa Ndlovu Daniel Travis Neufeld Matthew O'Connell Nathalie Otero Jessica Hve-Jin Park **Rachael Peretic** Chellea H. Perryman Angel Amber Pfeiffer Holly Elizabeth Pounds Savannah Marie Rice Matthew Boyd Rule Janna M. Sala Katrianna Marie Seanez Jacquelyn Jean Sill Matthew F. Smith Tayler Marie Smith Brooke Emile Stanny Christopher Daniel Stuart Tommy David Tedder Brittney Nicole Teebken Laura Tovey Mirela Trto Jacqueline Vogt-Garcia Michael Wallace Carol Welch Amanda Westerlund Lauren Whiteley Kathleen Whitmever Liana Gandarillas Williams Michelle Christine Zevrah

ENGLISH

(CREATIVE WRITING) Kimberly Ogochukwu Ajayi Lian Rae Ammerman Samantha Campa Barraza Anne Bazarnic Addison Morgan Gallegos Inbal Gilboa Chandler Marie Jensen Megan Sandra Latin-De Bono Fallon Leyba Tyler Lyons Dominic Christopher Manganiello Jordan Brielle Martinez Lilian Marie McDowell Alexandra Katrina Myers Aeron Deshon Ogden Iyesha Lovette Riley Benjamin Clark Shahon Jonathan Somarriba Kimberly Midori Terasaki Dung Ngoc Anh Tran

ENGLISH (LINGUISTICS)

Reem Mohammed M Al Enazi Karina Alonso Samantha Fay Baca Sabrina A. Birmingham Jacinda Isabela Castro Devin Alexandria Festa Tessa Renee Geelhood Chenav Gladstone Carlton Leroy Gould, Jr. Claryssa Jessica Anne Graeve Monika Nicole Hughes Jackson W. Kellogg Mary Kathryn Kennedy Daeun Kim Dulce Parra-Barrera Mikayla Rose Schilling Catherine Therese Simko

ENGLISH (LITERATURE)

Christopher Carson Abernethy II Jacqueline Aguilar Stephanie Lynn Bang Morgan Christina Bilinski Charles Paul Bramlett Thaddeus S. Cornell Alexandra Christine Cravener Katelyn A. Davison Kyra Leigh Ann de la Torre Xana Doak Alexis Marie Dyer

Jennifer A. Eason Nicole Danielle Floda Christina Ann Fox Chandler Harrison Fritz Catherine Grace Furphy Ryan M. Gill Ayla Shea Gooden Paige Elizabeth Haagen Mandy Hall Samantha L. Hampton Kimberly Harris Brigitte Amaranda Hernandez Anayensi Huerta Kellsey Jane Rebecca Paige Johnson-Howell Emily Lois Jordan Hannah Noel Jordan Caitlin Anne Kierum Rvan David Lees Madison Evangeline Marano Madison Lawry Margolis Carolina Marques de Mesquita Annie Lisa Mazzarella Julia Meagan McMonigal Joseph Nikoleit Mims Kailey Sara Monckton Gwendolyn Mucino Martinez Kyla Mujan Noble Kahri Lynn O'Brien Jessica Kelli O'Cheltree Alexis Victoria Pagán Beatriz Perez Alexander Lee Price Jonn'a Kelly Runnels Brennan F. Ryan Kyra Nicole Sciabica Jessica Helynn Sills Olivia Ventura Silva Chayna Truex Samantha Lynn Valkanoff Camryn Elizabeth Vatistas Phelicity Wiese Savannah K. Williamson Maryn Noelle Worhacz

ENGLISH (SECONDARY EDUCATION) Alexa Lee Geidel

Claudia Alyssa Tapia

ENGLISH (WRITING, RHETORICS AND LITERACIES) Erin Elizabeth Bottino Scott Dannis Johnson

Cameron Danielle Rollin Christiana Shafer

FILM (FILM AND MEDIA STUDIES) Patrick Ryan Anderson Joshua Bogart Natasha Alora Bolich Allison Lvnn Boston Alexandra Christine Carlson Daniel Carty Anissa Jazlyn Castro Franchesca Costabile Cristianna Marie Crognale Sara Cutrone Holly Erickson Usame Nevzat Gunes Kailey Marie Guthery Juliet Roxanne Hudson Ilana Renee Jenkins Elizabeth Ann Karl Max Asher Kirsch Zivue Lin Leslie Lua David James McGraw Christopher Alexander Murillo Zachary Michael Murray Christopher Cain O'Brien Perla Gisselle Okitundu Cesar Mauricio Patino Tinisha Rose Pitterle Taylor Madison Rasmussen Amy Rosen Durrell Sandeford Mackenzie Paige Shaffer Naomi Rebecca Shinbaum Rani Nicole Siojo Brianna Leigh Stephens Damien Brandon Stewart Amanda Paige Strahota Joshua Adam Taylor Geoffrey Trinh Thiel Kevin N. vanBenthuysen Matthew J. Williamson Samantha Leanne Witten David Wayne Young Victoria Susanne Zulkoski

FRENCH

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GEOGRAPHY

Anthony Emmanuel Kartsonis III Harry Matthew Lourimore Anthony Trujillo

GERMAN Elizabeth Mae Wilson

GLOBAL HEALTH

Jean Pierre Akingeneye Farizah Jenan Ali Zamzam Mohamed Ali Kavla Alise Barnes Jade Bugsch Leslie Susana Campbell Jill Cavender Stephanie Christensen Advika Ashay Dani Joshua Alan Davis Katelyn Aubree Dinkel Derek Faerber Sydney Shaye Figliola Jacob Todd Fretto Julia D. Gervasi Olivia Janet Gonzalez Nora Mary Grady Justine Harte Alexis Teresa Havins Sophia Katherine Hopewell Madison Leigh Hughes Michael Hulin Mary Jomia Paula Kulabako Kibuka Musoke Ashleigh J. Kincade Josephine Nicole Kinsey Miriam Kraja Margaret Mae Lawson Simone Louviere Rachel C. Macias Eliana Gloria Magallan Dwayne Jeffery Martin Miranda Anne McKenzie Rachel Evangeline Middleton Jordan Taylor Mitchell Anyssa Nichole Nelson Nina Rakesh Patel Nicole Ellen Youzhi Penrose Lydia Lynn Plants

Emmy Twid Pollock Susanna Emilia Rantanen Naomy Oyuky Rodriguez Deja Naquelle Sanders Ariana Arlin Sandoval Mary Elizabeth Saxon Rvlie Shae Seidl Yixuan Shi Tamara Hatem Sleem Nicole Marie Southard Jamie Stewart Kimberly Ashley-Co Tran Humza Habib Ullah Anna Helena Lidwina Weel Meghan Lindsay Werbick Paige Williams

GLOBAL STUDIES

Abdihakim M. Ali Karina Alonso Mia Anne Armstrong Lea Bardon Holly Marie Bernstein Theodora Circe Brown Ian Robert Caryl Esther Choe Lorenzo Corazzin Elizabeth Garcia Lana Harfouche Kathryn Joanne Harris Chase Houser Annie Laura Johnson Sidney Honda Kao Joseph Michael Kinsler Kaelan Renée Klausen Jakob Landern Luttrell Brenley Paige Markowitz Alexandra Lynn Messersmith Isabel Alis Nelson Phi Nguyen Nicole Renee Paladini Finn Elijah Palamaro Logan Bryce Phillippe Jordan James Rosenfield Corrado Salvatore Salvia Ana Isabel Santaella Fengzehui Shen Destinee Leeann Sior Madison Murphy Sutton Steven Richard Woolstenhulme, Jr. Kathryn Elizabeth Ziglin

HISTORY

Shugri Abdulle Peggy-Jean Madeleine Allin Eric Peter Andersen Michael Edwin Appel Michelle Arnone Jose Maria Arrovo Monica Avalos-Boneta Jennifer Barra-Pena Ashley Elizabeth Bluhm Sophia Rose Bonacorda Anthony Harris Bonfiglio William F. Bowin, VII. Joseph McDonald Bowman Erik Joshua Braunstein Cathy Brennan Thomas Christopher Brumfield Keavon Buckley Julian Burgan Sierra Autumn Cacchillo Navona Ashley Carter Thomas Abraham Cavce Garrett Michael Cecich Tyler Mark Cervenka Rajeev Chhetri Robert Connolly Martín Corona-Caraveo Aidan Bradley Cunningham Jonathan A. Davila Melissa Marie Deal Katheryn Michelle Dieckhaus Leslie Doyle Alexis Marie Dyer Nicole Marie Emmert Isai Lemuel Estevez Christopher Adam Farris Mehdi D. Fernando, Sr. Jeffrey French, Jr. Brent Cameron Gable Corey Galvan Martha Ganas David Scott Garrett Patrick-Sean Guerin Mandy Hall Kathryn Victoria Hasko Chiara Marie Hommel Griselda Hopingardner Irelan Hope Inoshita Scott Richart Jablon Christine Jacobites Michaela Rae Johnson Brieanna Vlaovich Jones Jacquelin Marie Kaercher Seungmo Kang Christian Patrick Kelsey Marjorie Kershaw Kristin Kusel Conor Leonard

Joshua Lindsey William Lopez-Wagner Samantha Mackenzie Lyons Maura Fiona Mallaire Gregory Lawrence Mansfield Logan A. Maro Preston David Marshall Nicole Elizabeth McCanless Connor James Mcdonald Angela Kaye McKay Stanley Scott Mcknight Elizabeth Rose McMillan Alan Ray Miller Arianne Mix Emily Isabella Mudge Michelle Marie Murdock Kaelyn Sandra Nelson Sami H. Omais Madeleine Grace Ordiway Mariah Padbury Natacia Samantha Perryman Jacen Tabor Petersen Nathanael David Pierce Tatiania Vesna Rasic Kaitlyn Marie Rausch John Eric Richerson Christopher Francisco Rivera Megan Anne Rogers Amber Renea Root Tim Roschmann Dale Michael Sager Ashleigh Deanne Schaffer Tiffany Ann Schwartz Courtney P. Sherman Kyle R. Smith Randall Joseph Smith Thomas Stetka Rachel Anne Stever Tommy David Tedder Michelle Thomas Janna K. Tobin John G. Traina Samuel James Tzakis Hugo A. Villagrana Coleton Albert Von Roeder Nicholas Stephen Watnem Blaise Alan Wentz Elizabeth Christine Wheeler Nolan James Williams Elizabeth Mae Wilson Sean Wilson, Jr. Zachary Mitchell Yonke Meredith Caroline Young Molly Beth Zeigler

HISTORY (SECONDARY EDUCATION)

Mary Margaret Flora Briana Hardy Turner

INTERNATIONAL LETTERS AND CULTURES

Samantha Lanette Koester

INTERNATIONAL LETTERS AND CULTURES (CLASSICAL CIVILIZATION) Anthony Harris Bonfiglio Ashley Marie Hanson Elizabeth Christine Wheeler

INTERNATIONAL LETTERS AND CULTURES (CLASSICS)

Lena A. Avalos Thaddeus S. Cornell Claudio Angel Garcia, Jr. Tessa Mcdaniel Chayna Truex

ITALIAN

Samuel Joseph Thomas

JUSTICE STUDIES

Jackelyne Stacy Arevalo Nancy Carolina Rodas Arguelles Lena A. Avalos Dennise Aldana Cervantes Ashlyn Raquel Coronado Haylee Nicole Di Meo Kayla A. Dillard Devin W. Dye Marisa Nicole Forthun Erika Galindo Kevin Armando Ramirez Gonzalez, Jr. Jacklyn Brooke Halversen Sierra Dawn Henrichsen Angel Dee Hicks Mary Ishaya Enrico Robert Lage Jacob Lille Marlon William Londono Phailynn Savonne Marshall Stephanie Mockson Jose Juan Monzon II

Khalin Alexander Natarajan Ariel Rawls Zachary George Silva Kamilah Nadiyah Souvenir Emma Megan Wheatley Jocelyn Arlene Yanez

MATHEMATICS

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PSYCHOLOGY

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TRANSBORDER CHICANA/O AND TRANSBORDER CHICANA/O & LATINA/O STUDIES (U.S. AND MEXICAN REGIONAL IMMIGRATION POLICY AND ECONOMY)

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COMPUTATIONAL MATHEMATICAL SCIENCES

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EARTH AND SPACE EXPLORATION (ASTROBIOLOGY AND BIOGEOSCIENCES)

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Victoria Reid Jones Nathanael D. Mains Alvaro Orlando Martinez, Jr. Philip Thomas Rybak John G. Stallbaumer, Jr. Perry Bialek Vargas Cameron William White Peter Wullen

EARTH AND SPACE EXPLORATION (EXPLORATION SYSTEMS DESIGN)

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EARTH AND SPACE EXPLORATION (GEOLOGICAL SCIENCES)

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GEOGRAPHY (URBAN STUDIES) Arick Scott Minks

JUSTICE STUDIES

Shane Matthew Alcedo Spring Arehart Mackenzie Rhen Bates Sara Elizabeth Bernau Meredith Annalee Blythe Tatum Alexis Bosch Jessica Nicole Brickie Ashlee Rose Brown Kori Janee Carlquist Mariah Castillo Nicholas Joseph Colageo Julio Antonio Ochoa Cortez Javier Cruz Danielle Kiley Dimaya Joseph Alexander Ducatte Kaylin Marie Edwards Wendy Ethier Alexandra Farb Itzimba Figueroa Rebecca Freed Andrea Marina Garza Hayley Lane Ghormley Ashley Veronica Gibson Tina Marie Gomez Gabrielle Maxine Guthart Ravnie L. Hadnot Maysa Maya Hatem Antwon D. Hazzard Steven Matthew Hernandez Joshua David Horton Stephen Timothy Houx Sophia L. Keller Ryan Kelly Amy Elizabeth Kim Summer Lynn Kirk Krista Emily Kolkebeck Anna Kyler Savana Rose Martinez Samantha Annette McKiernan Jordan Miliotes Renwick Renny Mixon, Jr. Sena K. Mohammed Kyle Brigette Mongeau Samantha Jean Mooney Emily Taylor Morris Judy Thi Nguyen Connor David Padwe Alexandria Marie Paige Raney Bell Patton Erika Joan Pey Lydia Lynn Plants

Jalen Deshawn Porter Russell Chace Quandt Marissa Monique Sandoval Corey Dewayne Smith Daniel David Smith Amanda Christine Sodoma Kaeli Stenroos Royal R. Sutton IV Katie Lynn Taylor Colin Jeremy Weil Amy Kristine West Mykel Wheaton-Brooks Kristina Marie Zavala

MATHEMATICS

Colin Bauer Samantha J. Brozak Robert Lee Caldwell II Jontito Casalena Chase Patrick Christopherson Corbin Wally Cieniawski Jorge Luis Cruz Yunhao Dai Christopher Joe Dilli Melissa L. Dott Frederick William Elick Brendan Morgan Foley Jason A. Guglielmo Ronelle Ann Hardy Yee-Yang Hsieh Kelly Kim Huynh Kali Ania Khan Ryan Alexander Kollitz Zeyuan Li Haoyu Liu Alejandra Lopez Micah Joshua Lorenz Noah Armstrong Loumankin Paul Michael Lucero Jonathan Paul Magnus Evan Manuel Katie Rose Morgan Sierra Nicole Murphy Ryan Joseph Nicely Daniel De Jesus Perez Curtis Taylor Peterson Derek Matthew Pezzella Garvin Franklin Phillips Miles Jeffrey Piper Trevor Russell Reckell Luis E. Revna De la Torre Ricardo Ruiz Raphael Lucas Saba Maya Satarova Miguel Atlai Sotelo Emma May Spencer

James Spencer Stewart Nicole Caitlin Tai Amy Tarnowski Samuel Graham Tinlin Michelle Jamie Torbit Vyvian Tran Yueyi Wang Abigail Kathryn Weiss Jalyn Robin Wilson Kevin Lee Winseck Jiancheng Wu Naier Xiang Weiqing Xu Yuhang Zhang

MATHEMATICS (SECONDARY EDUCATION) Jessica Marie Campos Autumn Nicole Minarchin-Lynch Melanie Noel Snow Daphne Cecilia Vilchis

MATHEMATICS (STATISTICS) Adrianna Lynn Adkins Julian Aronfeld Rebecca Elizabeth Belshe Nicholas J. Buckley Paul Enoch Chairez Tyler Philip Connolly Noah John Cornelius John Andrew Cowan Matthew Edward DeAngelis Ling Fu Grant Halver Jacob M. Malone Gavin Nathaniel Miranda Joel A. Parker Kiran Vinaysai Pendyala Dan Ryan Petty David James Speyer Andrew Steineke Estefan Vizcarra Bingcong Wang Tengqing Wang Yilin Xie Legun Yu Qinge Zhang Haoyu Zhou Enzhi Zhu

MICROBIOLOGY Arubah Ahmed Diane Janet Almendarez

Luca David Balletto Madison Audrey Dulis Rosaline Alice Dye Paul T. Fischer Yessica N. Gonzalez Troy Michael Grahl Luis A. Gutierrez Josue Hernandez Kathryn Sarah Hesser Natalie Iannuzo Dorna Khazdooz Sarah Bernice Pappas Karl William Phillips Penelope Roach Isaiah Ronald Sampson Joseph Kenneth Rummery Sanford Sabrina Briana Tiralongo Hannah Elizabeth Tremont Victoria Stephanie Van Sanford Nga Vu Sarah Beth West

MICROBIOLOGY (MEDICAL MICROBIOLOGY)

Giselle Lupe Avila Courtney Rose Crawford Spencer Danger Cullen Sophia Maria Fasani Allise Jackson Karishma Atul Kothari Aradhana Kumar Zachary Grant LeBaron Donovan S. Leigh Dylan Nichols Patricia Andreea Palade Aamir S. Patel Kevin Thomas Roy Jena Snyder Jeffrey Jackson Whitten

MOLECULAR BIOSCIENCES AND BIOTECHNOLOGY

Emily Arnold Glenn Ivan Bascon Danielle L. Brokaw Debbie Chung-Chia Chang Austin Gilberto Gil Avonlea Tesia Hope Wesley Hoyland Jacob James Knittel Xinjuan Koh Lydia Marie Mendoza Phoebe Quynh Newell Matthew Pandelakis Ksenia Virginia Poujlivaia Adam Cray Smith Nolan Richard Vale Ryan William Van Bussum Alexander Russell Wilson

NEUROSCIENCE

Milad Charbel Kathryn Jean Didier Rebekah Marie Garrett Khoa Dang Ho Safia Khan Alyssa Jane Macomber Hunter William McCollum Gabrielle Eilene Nabity Damaris Ochoa Tracy Michelle Okonya Lauren Renee Ravago Nicole Paige Richards Gerald Edward Robinson IV Pacifique Rukundo

PHYSICS

Tyler Michael Altamirano Taidgh Aedán Archer Kyle E. Brown Henry James Desmidt Brendan Morgan Foley Alan Brand Gardner Christopher Thomas Gregory Cody Justin Haines Cameron Wilderson Howard Victoria Reid Jones Samantha Lynn Lake Evan R. Lambertson Logan James Leinbach Zhichao Ma Ryan Joseph Nicely Andrew J. Peerenboom Curtis Taylor Peterson Luis E. Reyna De la Torre Philip Thomas Rybak Ryan Edmund Shaffer Jonah Christoph Shoemaker Sabrina Mashita Suhartono Thomas Andrew Tyburczy Ryland Gerald Wala Cameron William White Weiqing Xu

PHYSICS (SECONDARY EDUCATION) Joshua Hiley

POLITICAL SCIENCE

Joseph Scott Abdo Tenah Talal A Aldandash Sultan Ali H Alfadhli Isabel Alfaro Peggy-Jean Madeleine Allin Mohammad Jamal AlTaher Mohammed W Kh S S Alyahyouh Corey Archuleta Cole Roderick Austin Jesse Justin Avalos Joshua Andrew Barro William Bassoff Zachary James Besse Chase Bethay Zachary Francis Bille Gregory Carr Blackie Salvador Bolanos Dean J. Bond Marissa Lynn Bourbon Seth M. Brown Tara Linda Caldwell Henry Scott Campbell Ildefonso Manuel Celis, Jr. Romaine Anthony Chamberlain Samuel Kay Clark Nicholas Joseph Colageo **Bailey Brooke Coleman**

Kameron G. Conner Fernanda Paulina Contreras Michael Pete Coughlin Daniel Justin Ronald Cox Johnathan Michael Culp Ryan Michael Deutsch Jacob Daniel Evans Tyler Michael Flynn Matthew Alexander Fornof Stephen C. Fowler Joshua Paul Galvan Sarah Nicole Galvin Adam Terrence Gapinski Keenan William Giuchici Katie Marie Glenn Aaliyah Glover Alec Tyler Grafil Alex Raimondi Greenwald Macie B. Hamblen Jeremy William Handelman Katrina Harms William Roff Hays, Jr. Raul Alexander Herrera John R. Herrick Sydnee Avery Hertle Sawyer Hess

Aaron Ho Richard Bradley Hockley Raine Xavier Hoffman Diana Rose Homan Dillon Hopley Vincent M. Iorio Daniel Sean Ireland Edward Richard Isaac Tatum Emily Jackson Matthew John Jernstedt Alec William John Kyler Scott Johnson Justin J. Jurgens Lauren Jessica Kasle Kaylin Kaufman Joseph-Robert C. Kepler Alexis Rae Kirby Jacob Kless Dylan Lawsin Nicholas E. Lee-Gay Christopher Joel Leon Tiffany Lewis Evan Davis Lickert David Jennings Lind Vincent LoBianco Kameron Quintin Lovgren David Leonardo Luengas Silva Brigette Teresa Maggio Claude Mahoro Sadie Patricia Maisonet Nicolas Robert March Victoire Lisa Appoline Marion Carolina Marques de Mesquita Daniel Martinez Robert Aaron Matthews Morgan Lindsey McLamb Alixandra Christina Mei Jami Leann Mei Timothy Gilchrist Miller Sean Jacob Montijo Michaela A. Moriarty Cole Tanner Mueller Andrew Joseph Nees Khoa Minh Nguyen Parker Wells Nielson Anthony Nunez Lea Terese Patek Aishwarya Pranyu Patnaikuni Steven Charles Perez Jacob Perez Laurent Jalen Deshawn Porter Nikos Povilaitis Cody P. Rafferty Deyanira Ramirez Hanny S. Rayes

Paige Marianne Richie Janice Rayanne Rogers Ashley Nicole Rubio Justin Michael Savban Elora Jeanne Scamardo Sai Sailaja Seshadri Brittany Ackerman Smith Stevie Rene Solomon James Joseph Stalker Joel R. Steele Matthew Cole Thibodeau Anthony Trujillo Margaret Ann Tucker Sean Michael Turntine Daniela Sophia Vakulchik Ryan Wadding Nicholas Stephen Watnem Nicholas Evan White Parker Phillip Wick Pierre Desean Willis Edward Joseph Wood, Jr. Troy Anthony Youngman

POLITICS AND THE ECONOMY Austin Kyle Fairbanks

PSYCHOLOGY

Bhavin Ahir Makhi Young Robert Ahrens Mohammad J. Al-Baghli Rida Ali Richard Straumer Anderson Jeffrey Paul Atchison Makenna Noelle Autrey Jesse Mae Baer Raina Michel Banuelos Matthew Thomas Barrack Natali Barragan Taylor Marie Becerra Curtis Ryan Bell Angela Marie Benitez Quenten Lucas Benner Harli Berk Emilv Bosak Taylor Nawelo Bowman Lauren Alison Brachfeld Justin Christopher Bradley Anna Bronson Makenzie Loren Brown Megan Brulle Nia LaVette Buckner Freeman Willie Byers David Callahan Edith Mireya Carrera Danielle Myra Carruth

Anahi Carvajal Maribel Cerda Kristian Ann Cerna Devon Christine Chaney Benjamin Yushan Chen Kyla Starr Christenson Min Kyung Rebecca Chung Austin Gabriel Clensey Savannah Michelle Coats Amanda Colon John Doyle Curtis, Jr. Alexandria Rose Dake Yocha Mendoza DeChavez Kavla De Jesus Sarah S. de Jesus Laura Guadalupe De La Cerda Kyra Leigh Ann de la Torre Kathryn Jean Didier Kaileine Mackenzie Dimmick Sarah Djahedi-Rodriguez Brianna Marie Dominguez Joshua Michael Erickson Sophia Sara Espinoza Rose Evelyn Farnsworth Murad Farooqi William Farquharson III Max Benjamin Feinberg Lauren Janae Felix Jessmin Natalie Fernandez Stephanie Fierro Kaitlyn Lorrin Finnerty Jenna Mary Fitzgerald Erika Flores Erica Arely Garcia Rebekah Marie Garrett Andrea Marina Garza Kayla Lynn Godfrey Anisah Deanne Gonzales Jasmine Guadalupe Gonzalez Laura Miko Green Matthew Christopher Green Ely Conrad Greenstein Talia Rozensky Grenier Ethan Leandro Griego Gabriella Nicole Guzman Savanna Halman Austyn Ray Harris Marcus Alexander Harris Kelsev Ann Hart Joshua Paul Francis Hartnek Caleb River Haynes Orion Alexander Healan Sophia Katherine Hopewell Cody M. Howard Nicole Marie Hudson Syed Huq

Lynn K. Huynh Christine Anne Hynes Cimone Aemilia Isbell Mikayla A. Isosaki Caroline Elise Ivy Diana Jablonska Jena Kim Jozwicki Kaleb Keown Quinn Andrew Kinkel Aryn Mikaela Kodet Lucas Kornau Catherine Marie Koselka Jack Griffin Kratzer Haley P. Krupnick Hanna Alyssa Lalani Kaitlin Joy Lawhorn Andrew Benjamin Layton Allison Levin Yi Liu Justen Kristopher Lodge Keith Lollis Alissa Renee Lunsford Alvssa Jane Macomber Alexander Martinez Hannah Nicole Mathis Jake Thomas McAuliff Madison Lynn McBeath Ryan Ann McGuire Miranda Anne McKenzie Marissa Danielle McLelland Andrew Gabriel Medina Christina Marie Meyer Jordan Taylor Mitchell Maryglory Steven Moshi Amanda Mullan Samantha J. Muzzupappa Gabrielle Eilene Nabity Vrinda Naswa A. Astrid Neal Thomas William Poniatowski Aleia Christina Pope Mindy Kasumi Quiroz Harrison Andrew Ray Shuo Ren Aribeth Reyes-Arroyo Darcy Arlene Rinaldo Tatum Rene Roberts Elizabeth Rojas Winter Rayne Nicole Roth Lexana Marie Rutz Sonia Sabrowsky Kristie Annette Sanchez Maria Gabriela Sanchez Salcido Alyssa Ann Santa Cruz Dalia Safa Sarbolandi

Maya Jasmine Diane Schatzki-Lumpkin Jesse Jacquelyn Seritt **Emily Servais** Juliet Hope Shelton Jessica Helynn Sills Parker James Simpson Tamara Hatem Sleem Brett Walter Smaga Hayley Anne Sowards Haley Marie Spenard Summer Charis Stevens Isabel Martha Strouse Kaishu Kevin Sugimoto Hala Mariam Tarin Victoria Temporini Christina Marie Thiede Ashley Thompson Kyle Dax Tryon Faith Anne Tursun Humza Habib Ullah Richard Currie Underwood, Jr. Chantal Guevara Valdes Karla Paola Valenzuela Lea Michelle Vandemerwe Elissa Marie Leyvas Van Horn Andrea Vasconcelos Sienna Rae Vasquez Alyssa Reyna Verdugo Aurelio Villalobos Jessica Lynn Villanueva Sanya Z. Virani Megan Marie Vosika Anna Helena Lidwina Weel Rachel Welch Breanna Agnes Wheeler Danielle Renee Whitaker Phelicity Wiese Nathan Thomas Wilhite Hannah Lynn Wilkins Bryan Wilson Connor Sinclair Wilson Nicholas James Jeffrey Yearout Xiaoyun Yin Qinru Zheng

PSYCHOLOGY (PSYCHOLOGICAL SCIENCE) Lyndsay Elizabeth Campbell Elizabeth Dora Carnesi Katrina Rebecca Dickson Johnny Hudson Sarah Lauren Kiefer Nam Hee Kim Audrey Rae Lyon William Austin Middleton Stephanie C. Miller Awhona Sanyal Thato Seerane Jessica Lynn Siegel Madison Murphy Sutton Julia Kristen Weiss

SOCIOLOGY

Hawwah Maryam Abdullah Hanan Aboalam Lauren Ashley Adams Lus Aldaco Jacqueline Alexis Alexander Nash Joshua Allen Precious Anderson Michelle Jean Aragon Loren Nguyen Atkins Andrew Tyler Baswell **Quenten Lucas Benner** Sara Sofia Beschloss Marten Arjen Bijvank Lauren Alison Brachfeld Evaline Brown Kai Dellith Buehring Brittany Bugbee Ericka Byrd Emilie Samantha Collier Guadalupe Corrales Jacqueline Correll Robert Todd Crocker LeeAnn Nicole Culross Kyle Curtis De Berry Loren Marie De Jesus Rebecca Margaret Deacon Susana M. Diaz

Katrina Rebecca Dickson Devin W. Dye Victoria Marie Charmane Eppley Summer Idahali Fernandez Minerva Katherine Garcia Ami Rowena Garrigus Zacarias Lopez Gonzalez Ayla Shea Gooden Marissa Guzman Tristyn Hardesty Bradley J. Harding Austyn Ray Harris Joshua Daniel Harvey Allyssa M. Hollis Sara Jean Hoover Yuehuang Huang Aimee Hutton Joshua David Jobe Dorinda Rene Jones Ami Kabah Demonte King Jason King Devonna Rose Klimansky Kaitlin Blythe Kollasch Jaace Isaac Digo Koreerat Stephen Loomis Simone Louviere Linda Sue Luchsinger II Itzel Magana Reves Anthony David Maggio Jacklyn Adeline Manner Jeanna Martin Taylor Ann Martinez Cullen R. McCoy Athena Katelynn Morgan Laura Diane Northcutt

Jessica Rose Oesterle Kira Olsen-Medina Dylan Alexander Perez Thomas William Poniatowski Shuo Ren Stephanie Nicole Reynolds Chelsea B. Rhoad Daniel A. Rome David Saenz Ashly Denise Pedemonte San Neida Sandoval Devin Renae Sberna Donovan Nathaniel Schooler Alexandra Marie Schuler **Rachel Elise Showalter** Jessica Helynn Sills Lorraine Abyghil Soto Justin Presley Stoneking Landon William Straziscar Joseph Ryan Stremlau Adam Narong Thammavong Kerrissa Thompson Kathryn Joann Tipton Geyzza Meyling Vazquez Zoe Anna Wallach Kendra Cassie Walters Yue Wang Jessica Lauren Weary Steven Whang Christian James Wilbur Oksanna Noelle Wildrick Sara Elizabeth Williams Valorie Lynn Wood Tesheena Yazzie Xiaoyun Yin Andrew James Zollweg

BACHELOR OF SCIENCE IN PLANNING

URBAN PLANNING Jennifer Alderman Hamad Abdulrahman H Al Faraj Hamad Nbeel M Alhazza Sultan Ali S A Al-Kuwari Abdulaziz Fahad Almahfouz Saeed Jumaa Salem Hayez Almehairbi Ahmed Yahya Almorbaty Saad Mohammed Y Alqashanin Abdulla Ali S S Al-Sifran Roger Vincent Alvarez III Ahmed Rashed S Alzahrani Christian Lawrence Bailey Nicole Baltazar Joseph I. Berman Kelly Bitler Weigang Cao Jesus Carrillo, Jr. Jose Luis Castaneda Marsha Jean Castilleja Christopher Stevens Chandler-Liu Yuyan Che Jiannan Chen Cameron William Cramer Nathan Paul Docherty Haolin Du Samuel Elin Terry Ellis Justin J. Faylona Difen Feng Christopher Ryan Fernandez Esteban Fernando Valenzuela Fuerte Norma G. Espinoza Gamez Nicholas C. Gayer Kevin Gurry Michael Hall Joseph Allen Hecocks David Heineking Paola Jaramillo Matthew Aaron Kirkendall Kim A. Lawson Nicholas Leftwich Nayeli Sanchez Luna Jeffrey Earl Meyer Claire Elizabeth Michael Raghib Fouad Mannaa Moghazy Dakota Murphy Brandy Lee Pedron Thomas Petersen Josephine Thao Pham Tatyana Valerie Plummer Ryan Lee Rambusch Antonio Martin Rivera David Rivera, Jr. Evelyn Rivera Patrick Hayden Roberts Matthew Phillip Rodgerson Nadine Elizabeth Schmitt Margaret Schreiner Lydia Lucille Schultz Michael Schwartz Cameron Michael Scott Nicholas Sison-Gaut Alexandria Elizabeth Smille Caitlin N. Starnes Brenna Stohlgren Syera Monique Torain Andres Arturo Valiente Marc Daniel Villalobos Jeffrey Bryce Vrieling Trung Pham Vu Jamie Michelle Walters Weian Wang Claudia Wells Kyle Alan Wolf Mallory Lyn Wright Brian M. Wustmann Adrian Giovanni Zambrano

EDSON COLLEGE OF NURSING AND HEALTH INNOVATION (Established 1957)

JUDITH KARSHMER, PHD, PMHCNS-BC, FAAN Dean and Professor

CRAIG THATCHER, DVM, MS, PHD, DIPLOMATE ACVN Senior Associate Dean

KATHERINE KENNY, DNP, RN, ANP-BC, FAANP, FAAN Associate Dean for Academic Affairs

> DAVID W. COON, PHD Associate Dean for R.I.S.E.

EDSON COLLEGE OF NURSING AND HEALTH INNOVATION CONVOCATION

10:00 a.m., Tuesday, May 7, 2019 Phoenix Convention Center

PROCESSIONAL

PROCESSIONAL MUSIC Phoenix Scottish Pipe Band

FACULTY MARSHAL Diane Nunez, DNP, RN, ANP-BC, FNAP

THE NATIONAL ANTHEM

"The Star-Spangled Banner" — Francis Scott Key Performed by Michael Moramarco, MA

WELCOME

Judy Karshmer, Dean

PRESENTATION OF GRADUATES

DOCTOR OF PHILOSOPHY PhD Program – Bronwynne Evans, Director

DOCTOR OF NURSING PRACTICE DNP Program – Daniel Crawford, Director

MASTER OF SCIENCE Clinical Research Management Program – JoAnn Pfeiffer, Director Healthcare Innovation – Rick Hall, Director Nurse Educator – Pauline Komnenich, Director

BACHELOR OF SCIENCE

Baccalaureate Health Programs – Brenda Hosley, Director Health Innovation Program – Rick Hall, Director Health Care Compliance Program – Mary Smalle, Director Pre-Licensure Clinical Nursing Program – Kathleen Fries, Director RN-BSN Program & Concurrent Enrollment Program – Heidi Sanborn, Director

CLOSING REMARKS

RECESSIONAL

EDSON COLLEGE OF NURSING AND HEALTH INNOVATION

The growth of ASU's Edson College of Nursing and Health Innovation reflects our desire to do more, serve more and sustain innovation. Our mission drives us to offer the highest quality academic, research and clinical practice programs so that we can produce the next generation of evidence-based health professionals who will excel as clinicians, teachers, health advocates and researchers.

The challenges that permeate our health care system require innovative solutions that will positively impact patients and entire systems, locally and globally. Our curriculum and clinical experiences expose students to different types of delivery systems, equipping them with the tools and knowledge that will unleash their innovative thinking from day one. Interprofessionalism guides us as we build programs and curriculum to meet the needs of future health professionals. Our graduate and undergraduate programs continue to expand with a focus on program design and delivery that prepares graduates to work collaboratively within complex and dynamic patient care and health delivery systems.

Our online programs continue to expand access to the highest quality education as we focus on adopting new and better instructional tools while ensuring the rigor and quality that characterize the reputation of our programs.

ABOUT THE PhD PROGRAM

Program Director: Bronwynne Evans, PhD, RN, FNGNA, ANEF, FAAN

The PhD Program in Nursing and Health Innovation, one of the few interdisciplinary programs in nursing in the country, provides an academic environment that fosters scholarship, critical thinking, and creativity. Scholars who wish to develop advanced leadership skills in innovation, research, education, health care delivery, and policy issues can learn to generate and apply knowledge across practice settings.

ABOUT THE DOCTOR OF NURSING PRACTICE PROGRAM Associate Program Director: Daniel Crawford, DNP, RN, CPNP-BC

The Doctor of Nursing Practice (DNP) degree was established at Arizona State University in 2008. The Doctor of Nursing Practice degree is a practice-focused degree that prepares graduates to practice at the most advanced level of nursing. This program prepares nurse practitioners and nurse leaders to positively impact health outcomes at the individual and organizational level.

ABOUT THE MASTER OF SCIENCE IN NURSING PROGRAMS Program Director: Pauline Komnenich, PhD, RN

ASU remains on the cutting edge in preparing nurse educators for 21st century nursing education through its innovative program. The MS, Nurse Educator (NED) concentration at the Edson College of Nursing and Health Innovation is a pathway designed to prepare the new and experienced nurse to meet demands of the changing health care environment.

ABOUT THE MASTER OF SCIENCE, CLINICAL RESEARCH MANAGEMENT PROGRAM Program Director: JoAnn Pfeiffer, DrSC

The Master of Science in Clinical Research Management (CRM) degree program prepares students to take the next step in their clinical research career by focusing their studies in the elements of leadership within the research industry. The CRM program is focused on management and leadership development in the pharmaceutical, medical device, research site, research institute, academic medical center, hospital, medical office, or other clinical research or drug development industry.

ABOUT THE HEALTHCARE INNOVATION PROGRAM Program Director: Rick Hall, PHD, RDN, FAND

The Master of Healthcare Innovation degree program (MHI) is an interdisciplinary degree designed to prepare students to design, implement and lead transformation in health care. Students in this program come from a wide variety of professions including health sciences, architecture, nutrition, exercise, engineering, business administration, journalism, the humanities, all with an interest in leading innovation in health and health care. Students search for and implement sustainable solutions for today's health care issues with an eye to the future within an interdisciplinary environment.

ABOUT THE BACHELOR OF SCIENCE IN NURSING PROGRAM Program Director: Kathleen Fries, PhD, RN, CNE

The Bachelor of Science in Nursing (BSN) degree prepares beginning professional nurses who possess the theoretical foundation and the clinical competence to function in various health care settings. Graduates of ASU's nursing degree programs are prepared to respond to the vast and changing health care needs of individuals and communities. The Traditional and Year-Round Pre-licensure Nursing Programs are 8-semester programs, in which students advance to the upper-division clinical nursing program for their final four semesters. The Post-Baccalaureate Clinical Nursing Program (PBCNP) is available to students who have earned a Bachelor's degree in another discipline but desire to have a BSN degree.

ABOUT THE RN-BSN PROGRAM Program Director: Heidi Sanborn, DNP, RN, CNE

The online RN-BSN program builds on the knowledge and skills the student learned in their associate degree or diploma program, especially in the areas of evidence based practice, leadership and management, and community/public health. The interactive course assignments enhance the student's written and verbal communication skills, clinical reasoning skills, teamwork, and information technology skills. Students will integrate new knowledge into their nursing practice.

ABOUT THE CONCURRENT ENROLLMENT PROGRAM Program Director: Heidi Sanborn, DNP, RN, CNE

The Concurrent Enrollment Program (CEP) is designed for qualified nursing students who are interested in earning their BSN degree from ASU while simultaneously pursing their Associate of Applied Science (AAS) in Nursing degree through a participating community college. The CEP is a rigorous program with a plan of study that enables students to build on the knowledge and skills learned in the AAS in nursing program.

ABOUT THE BACCALAUREATE HEALTH PROGRAMS Program Directors: Brenda Hosley, PHD, RN, CNE Rick Hall, PHD, RDN, FAND Cris Wells, EdD, MBA, CCRP

The Baccalaureate Health Programs consist of the Bachelor of Science in Integrative Health, Community Health, Health Care Coordination, Health Innovation, and Health Care Compliance and Regulations. Each of these degrees prepare students to be part of the health care team. Graduates are prepared to collaborate with individuals, families and communities regarding changes to the health care system. This includes health education, health promotion, care coordination, disease management, health care navigation, health innovation, health care compliance, and advocacy services as well as assisting patients in obtaining services, understanding policies, and making health care decisions.

EDSON COLLEGE OF NURSING AND HEALTH INNOVATIONS

COMMUNITY HEALTH

Madeline Marie Ames Annamarie Valencia Astorga Justin Ausi Mckenzie Rae Barker Raquel Lynn Bartelt Kiley Marie Boston

BACHELOR OF SCIENCE

Devin Shaian Ada Cade Yesenia Cortez Calzada Avianna Lynn Davis Kaitlen Mckenzie Esparza Evangela Camille Franklin Leticia Camacho Garcia Brianna Marie Guthrie Michael William Hammann Maryann Hoang Taylor Elizabeth Jones Gabrielle Jasmin Keller Tamar N. Lamy Nichole Elizabeth Liets Abigail Lallen Mawi Mackenzie Elizabeth Maxwell Shawntaya K. Murphy Kristin Jeanne Payestewa Natalie Ann Schmidt Timothy John Stewart Quinny Thai Alise Denise Townsend Erin Susan Weant Mackenzie Christine Willingham

HEALTH CARE COMPLIANCE AND

REGULATIONS Najale Ava Davis Nicholas John Fahlgren Meredith Nicole Kinser Blake Stewart Mccomas Sydnee R. Weber

HEALTH CARE COORDINATION

Carmen D. Dominguez-Navarro Morgan Garman Dylan Hare Loraine Meneses Garcia Jessica Ann O'Brien Julianne Noel Peterson Chloe Schilling Allison Ranee Sippel Blanca Valle Rosas Shizuka Maxx Vanderpool Shealynn Marie Zimnick

HEALTH

ENTREPRENEURSHIP AND INNOVATION

Nancy Josefina Altamirano Annamarie Valencia Astorga Hayden Rose Brown Randy Bui Jaszmin Renay Crawford Hermnyllia V. Dallas Jackson Dangremond Ana Marie Drum William J. Easley Hannah Noelle Grigsby Alexis Renee Kennedy Elaina Rose Lore Marielle Maggay Yliana Moreno Bennett Slater Nichols Nina Marie Savicz Gina Christine Schepis Sunny Kristen Storer

Bianka Marie Trogi Lisa AnnMarie Ventrone

INTEGRATIVE HEALTH

Jordan Ann Aponte Brittany L. Blasko Brittany Anne Bolanger Nicholas Robert Collins Kasaundra Gabrielle Dilbeck Chiara P. Harvey Amanda Kate Hutchins Allison Karol Brook Elan Larson Aleisha Love Loken Heather Justine Lucas Carol Patricia Mas Apollonia Morales Autumn Moses Jennifer Mugleston Renee Nelson Amanda Rennie Gabriela Reyes Tayler Ashlie Roost Amanda Teresa Smith Carol Sundell Brianna Christine Svartoien Jennifer Tilley Janelle Marie Velasco

BACHELOR OF SCIENCE IN NURSING

Kimberly Brooke Abalos Angelique Lanny Lee Abbott Madison Ashlee Adams Isabella Davida Chaves Agudo Roleena Faith Aguirre Alyssa Mary Allred Weston Tucker Anderson Chanelle Arpon Madison Rose Ascher Christina Maria Bancod Fabiola Barraza Mary Lopez Barrera Abigail Marjorie Patricia Beall Oron Bell Alysa Cheyenne Bengson Amy Sue Bennett Jenelle Taylor Bennett Olivia Noelle Besthoff Chonnipha Tan Bingham Heather Beth Bohn Virginia Bonney Brittney Rene Bouchard Thomas Boyer, Jr.

James Cannon Bradford III Kylie Brennan Stephanie Lynn Briggs Morgan Elizabeth Brown Pauline Teresa Bueno Dustin Burley Jennifer Nicole Carty Deborah Casey McKenzie Leigh Castleman Jennifer Jean Caylor Sarah Margaret Cervantez Avery Moran Champagne Donna Cheng Ashlvn Rose Clark Leah Elaine Cole Jennyfer Cortez Kelly Kaye Costello Kyle Costello Rebecca Lauren Cowan Jodilyn Cox Rosemary Cullom Danielle Ann Cvelich Ashley Dahlin

Emilee Elizabeth Dalton Cipriana Miryam Danielli Regan Darlene Danis Nicole Day Eloisa Vega De La Cruz Kelly Dempsey Maria De Tomasi Alexis Danielle Dong Rachel Cathleen Downey Jesse Andrew Duran Lysandra Jenel Evans Sally Stover Evans Peyton Rae Faber Hilary Paige Fantine Ashleigh B. Feiring Dominique Gabrielle Fiacco Hunter Lea Flanagan Marissa Elia Flores Jennifer R. Fox Kyle Jacob Franco Trevor Thomas Freund Sabrina A. Gacke Aidan Nicholas Gallarza

Leticia Diaz Garcia Leticia Enevda Garcia Andrea Lynn Giglio Jacquelyn Marie Gonzales Aliyah Shaelyn Gonzalez Morgan Lyn Gonzalez Vicente Gonzalez, Jr. Ashley Elizabeth Gordon Daniel Thomas Gray Pete Guth Zari Kai Hacker Cristol Y. Hart Madeline Yvonne Helsing Dasia M. Henry Kieley Jordan Hicks Erin Nichelle Hill Monica Hochstim Alexandra Louise Hogan Christopher James Holt Emily Hong Mary Bernadette Hudson Kyle Alexander Hustis Kelli D. Jacobsma Laura Ann Jensen Esther Io Marci Judkins Dallas Kaspar Dana Kim Ji Hyun Kim Brandon Colin Kiyota Dana Lynn Kraemer Andrea Kylene Krediet Brooke Elise LaVelle Tori Alyson Levy Monique Lind Claire Marie Loth Serena Loyola Emily Elizabeth Madrid Nicole Alyssa Maloy Seleste Maria Mantica William Ian Martin Melinda Lee McCabe Bryan Mcnutt, Jr. Irene Nami Megia Katie Jay Miller Stephen Michael Miller Taylor Jordynn Miller Daniel James Minnihan Raisins Kimberly Mitchell

Meghan Marie Mitchell-Perronne Taylor Montonye Melissa Kathleen Mueller Erica Marie Murphy Jennifer Suzanne O'Day Emily Ann Obermeyer Kamani Odina-Herbert Alyssa Orr Jonathan Orr Brooklynn Michelle Ortiz Kaitlin Bea Osthues Melinda Sue Owens Jeniffer Padilla Jessica M. Palmer Shurine Ann Pate Devinee Aleesa Peebles Jamie Pemberton Amy Pendergraft Alanna Jenee Perez Jessica L. Peterkin Erin Shea Phelan Shania Nicoll Phelps Audrey Grace Pisani Elisabeth Jane Ploof Monica Lee Polick Lauren Nicole Porter Leah Vanessa Porter Aubrey Catherine Prettyman Jamie Lynn Price Alisa Kristine Rader Manu Kala Rai Brenda Priscila Mancinas Ramos Erika Ramos Maria Victoria Reyes Chaltu Roba Hannah Dianne Robertson Shian Summer Rodriguez Louis Kenneth Romain, Jr. Nicole Marini Escalona Rosales Krista Rosiewicz Linda Katherine Rossal Yasmin Salazar Miquela Elizabeth Sandate Rebeca Sarabia Terra Nicole Schimek Barbara Ann Schley

Shelby Lynn Schrager-Sours Amelia Jansen Agres Sebouai Kasey Ann SelveyGould Jo Lyn Shipman Scott Allen Shrum Remy Gabriella Siegel Graciela Povilaitis Silva Samantha M. Simon Emma Slominski Sydney Marie Sloot Emilie Amber Slovak Eliot James Snetsky Samantha Denise Soto Alyssa Spogli Shelby Stark Lindsey Marie Stewart Margaretha Studley Genna Sturdevant Matthew Robert Sullivan Anna Sussman Mariko Suzuki Catherine Swingle Peishan Tan Jessica Archelle Tello Charlotte Iane Thaw Jaedon Wanell Thomas Ashley Renee Tieken Pia Yturriaga Tobes Anthony Ungaro Carly Faith Vanderkolk Delaney Autum Vandervort JaNae May VanWinkle John S. Velasquez Lisa AnnMarie Ventrone Lessly Vo Sarah Marie Vrooman Natasha Lilia Wasyln Tamara Jayne Wells Kathleen Whisman Matthew Daniel White Cloe Liane Wilford Karen Elizabeth Wohner Katelynn LaRee Wolfe Christina Norann Worley Sabrina Talbert Wozny Naherin Destiny Yaghoubi Yanjing Yang Enrique Zamora III

HERBERGER INSTITUTE FOR DESIGN AND THE ARTS (Established 1964)

STEVEN TEPPER, PHD Dean

JAKE PINHOLSTER, MFA Associate Dean of Enterprise Design and Operations

> KATHRYN MAXWELL, MFA Associate Dean of Students

SANDRA STAUFFER, PHD Senior Associate Dean

SUNNY KUO, DMA Assistant Dean of Admissions and Enrollment

> JOANNA GRABSKI, PHD Director, School of Art

SHA XIN WEI, PHD Director, School of Arts, Media + Engineering

> JASON SCHUPBACH, MCP Director, The Design School

TIFFANY LÓPEZ, PHD Director, School of Film, Dance and Theatre

> HEATHER LANDES, PHD Director, School of Music

MIKI GARCIA, MA Director, ASU Art Museum

HERBERGER INSTITUTE FOR DESIGN AND THE ARTS CONVOCATION

9:00 a.m., Wednesday, May 8, 2019 Wells Fargo Arena ASU Tempe campus

PROCESSIONAL

"Pomp and Circumstance" - Sir Edward Elgar

Brass Quintet

Zachary Ploeger, Trumpet Stephen Martin, Trumpet Maria Long, Horn Seth Bartschi, Trombone Stephen Senseman, Tuba

WELCOME

Steven Tepper, Dean

PRESENTATION OF OUTSTANDING GRADUATES

Steven Tepper, Dean

PRESENTATION OF DEGREE RECIPIENTS

Gene Ganssle, Director of Undergraduate Studies, School of Film, Dance and Theatre

CLOSING REMARKS

Steven Tepper, Dean

RECESSIONAL

ABOUT THE HERBERGER INSTITUTE FOR DESIGN AND THE ARTS

The Herberger Institute for Design and the Arts is the largest comprehensive design and arts school in the nation, located within a dynamic 21st-century research university.

With 5,000+ students, more than 675 faculty and faculty associates, nearly 160 staff members, 125 degrees and a tradition of top-ranked programs, the Herberger Institute is committed to redefining design and arts education in the 21st-century. Our college is built on a combination of disciplines unlike any other program in the nation, comprising schools of art; arts, media and engineering; design; film, dance and theatre; and music; as well as the ASU Art Museum. The ASU Art Museum supports research initiatives in addition to diverse community engagement projects that enable students and faculty to interact with the public through meaningful partnerships. This unique array of disciplines allows for distinctive opportunities for collaboration.

Our faculty lead students in an exploration of the issues affecting society today and in the future — the contemporary human condition — through design thinking, creative practice and research. We are continually striving to enable design and arts students to succeed beyond graduation.

The Institute is dedicated to the following design principles:

Creativity is a core 21st-century competency. Our graduates develop the ability to be generative and enterprising, to work collaboratively within and across artistic fields and to generate non-routine solutions to complex problems. With this broad exposure to creative thinking and problem-solving, our graduates are well prepared to lead in every arena of our economy, society and culture.

Design and the arts are critical resources for transforming our society. Artists must be embedded in their communities and dedicate their creative energy and talent to building, reimagining and sustaining our world. Design and the arts must be socially relevant and never viewed as extras or as grace notes. The Herberger Institute is committed to placing artists and arts-trained graduates at the center of public life.

The Herberger Institute is committed to enterprise and entrepreneurship. For most college graduates today, the future of work is unpredictable, nonlinear and constantly evolving. A recent study found that 47 percent of current occupations will likely not exist in the next few decades. At the Herberger Institute, our faculty, students and graduates are inventing the jobs and the businesses of the future; reimagining how art and culture get made and distributed; and coming up with new platforms and technology for the exchange of culture and the enrichment of the human experience. The legendary author and expert on city life Jane Jacobs talks about the abundance of "squelchers" — parents, educators, managers and leaders who tend to say no to new ideas. At the Herberger Institute, there are no squelchers. We embrace the cardinal rule of improvisation — always say: "Yes, and…"

Every person, regardless of social background, deserves an equal chance to help tell our nation's and our world's stories. Our creative expression defines who we are, what we aspire to and how we hope to live together. At the Herberger Institute, we are committed to projecting all voices – to providing an affordable education to every student who has the talent and the desire to boldly add their creative voice to the world's evolving story.

Effectiveness requires excellence. We know that our ability to solve problems, build enterprises and create compelling and socially relevant design and art requires high levels of mastery. By being the best in our chosen fields, we can stretch ourselves and our talents to make a difference in the world.

We encourage all of our alumni to continue to share their stories with us and to take an active role in the Herberger Institute Alumni Chapter. For more information on our alumni activities, please visit herbergerinstitute.asu.edu/alumni. Connect with fellow design and arts alumni on LinkedIn, Facebook and Twitter.

HERBERGER INSTITUTE FOR DESIGN AND THE ARTS

BACHELOR OF ARTS

ART (ART HISTORY)

Harley Raelynn Adams Caroline Grace Billard Lorrie Anne Birch Brittney Marie Borrero Nicole Lynn Brainard Kelli Tahnee Brown Zach Austin Carlson Jane Coleman Jennifer R. Ekizian Christina Ann Fox Meghan Grogan Vesna Markovich Yasmin Mohamed Tilithia Denise Murphy Ruby Anne Nelson Lindsey Megen Price Yizzar Prieto Kayla Reeves Barbara Anna Smith Marchemay Piila Tuiletufuga Kristina Marie West Haley Ann Wyant

ART (ART STUDIES)

Daniel Michael Gorski Michelle Ann Grant Brooke Harman Hayley Erin Pachman Alyssa Patricia Salas Josephine Aurelie Tolsa Santillan

DESIGN STUDIES

Bashaier Ali A Alnasser Mariana Raquel Barros Alyssandra Kay Jacobsen Olivia Mendoza Daisy Marie Quinones Nicholas Spencer Rennemann Kelly A. Rice Rylee Jacklyn Rodriguez David Nathaniel Simkins Morgan West

DESIGN STUDIES (DESIGN MANAGEMENT)

Raeanna Bahe Madeline Alexandra Carlson Lauren Nicole Carr-Gasso Reilly Rae Case

Joyce Choi Cherraine Monique Davis Lane Alan Forney Cole Andrew Frederick Angelica Marie Gagan Calvin Henderson Saja Ismail Gianna L. Jamison Sarah Christine Jesseph Linh My Le Rebecca Anne Litwiller Megan McHolland Hanna Nicole Mills Hadeel Abdullatif H Nukaly Carley Juell Palm Christopher Park Topanga Jade Persaud Elizabeth Anne Peterson Audrey Powell Haley Brianne Rinke Aaliyah Michelle Robinson Junru Shao Cole Shumway Cheng Zhao

DIGITAL CULTURE

Hannah Jean Larkin Brady Jacob Martinez Garrett Anthony Miller Vincent Robert Thornbro Weis

DIGITAL CULTURE (ART)

Sophia Ellyse Burgess Terra Gifft Linda Duyen Nguyen Grace Mariam O'Connor Valerie Diana Vera

DIGITAL CULTURE (DESIGN)

Damon Michael Amato Xie Gengyang Michael S. Maxam Rita Peera Karina Romero Samantha Connie Vo

DIGITAL CULTURE (FILM) Jonathan Joshua Abramovich Bianka Rae Alonzo

Erick Fowler Jordan Tanner Neel William Sheehan Matthew Angel Zavala

DIGITAL CULTURE (GRAPHIC INFORMATION TECHNOLOGY)

Andre Anthony Bulls Riley Ronan Culver Kyle Lewis Angelica Thea Monteclaro Amy Zulay Rodriguez

DIGITAL CULTURE (MEDIA PROCESSING)

Steven Roger Baron Ryan Anderson Black Sarah Faith Bulle Abigail Lynn Fraser Alex Geschardt Maureen Veronica van Dobben Zhonghao Wang

DIGITAL CULTURE (MUSIC)

Aaron Andrew Azze Chase A. Brodnax Tanner Gerald Chase Kevin Y. Du Justin Tyler Maroney Emma Seager

DIGITAL CULTURE (THEATRE) Lisette Borja Chaparro

FASHION

Mariah Nicole Bates Alyah Rae Donahue Jennifer Lynn Hansen Stephen Gilbert Hardy Natalie Anne Harris Yi-Ting Hsieh Jia Jia Anica Monarez Omni Donalisa Nunez

FILM (FILM AND MEDIA PRODUCTION)

Lauren Elizabeth Anderson Brenton James Bender Elick Charles Boerst John Joseph Bresnahan Marco-Alexis Reyes Chaira Jacob Raul Colores Carly Reilly Curtis Jack Young Frevert Andrew Steven Hanks Jacob Aryeh Kaufman Colby William Kosling Hunter James Luck Alyse Carmilita Marrietta Kathryn Lynne McDermot Maedeh Moayyednia Zachary William Newton Jake Harrison Nickel Majesty Alexis Omotayo Krystina Diane Owens Anthony Passantino Samuel Michael Pfab Jake Satchel Pollard Mallika Candalese Rajapakse Taylor Michelle Schlicht Aaron Schmidt Nathaniel Luke Schuckman Treston Michael Slater Eduardo Alfredo Viedas Salcido Arturo Andre Fernandez Velasco Andrew John Wright Latavia Alicia Young

FILM (FILMMAKING PRACTICES)

Nassrin Abril Aliabadi Gabriel Matthew Amparan Christian Erik Arnesen Raquel Balderas

Kaitlyn Chacon Baucke Kyler Jordan Treven Blair Karolyn Boes Chloe Hart Burbank Celeste Lara Carle Ronald Eric Carlson Travis Alan Colbert Shelby Anne Coury Cassandra Cruz Grady Theron Edgar Zuolin Feng Joseph Andres Hernandez Hayden Cole Hewitt Rachel Elizabeth Javorsky Adam Lee Kemp Mariah Joanne Khorasani Kyle King Hyungwoo Lee Anthony Aaron Luna Anthony Robert Marinucci Baiyi Meng Shanshan Meng Joseph B. Midlash Collin Miller Cassaundra Gabriella Navarro Jocelyn Nguyen Jordan R. Pomeroy Jett Poncy Alissa Prewett Kamau Khary Ramadhan Edward Ricardo Rodriguez Severiano Antonio Romo Andres Alfredo Ruano Mollie Ariel Rubin Miguel J. Gutierrez Salas Hayoung Shin Brandon Robert Sonju, Jr. Rasheda Taher Jonathon Vasquez Isabelle K. Walek Angelo Young Jiaming Zhang

MUSIC (MUSIC AND CULTURE) Emily Graciela Robinson

THE ARTS

Caleb Shawn Manning Stephen James Scotti Savannah Blake Thompson

THEATRE

Lauren Nicole Anderson Leslie Susana Campbell Ethan Fox Audrey Celeste Pfeifer Dylan Lee Prentis Nissim Dawn Tbakhi Rachel Kathryn Weir

THEATRE (ACTING)

Victor Arevalo Tessa Renee Geelhood Jonathan Michael Gonzales Keena Marie Huesby Christian Malaiba Nicholas Hanny S. Rayes Jillian Allisondra Walker Evan Terence Welsh

THEATRE (DESIGN AND PRODUCTION)

Sofia T. Alvarez Robert F. Andrews Esteban Armenta, Jr. Chenoa Claire Baker Rachel Lynn Bath Dakota Austin Erickson Emily E. Hasty Megan S. James Kristen Danielle Karas Zane Petiford Adle T. Smithson Gabriela Villalobos

BACHELOR OF FINE ARTS

ART (ART EDUCATION)

Crystal Marie Alulema Roger Bautista Elizabeth Mary Bierwagen Arcelia Borbon Zach Austin Carlson Laurel Janine Chipman Nina M. Ionta

Luis Alfonso Figueroa Perez Kristina Rembacz Ashley Kimiko Snider Jessica Enith Viera

ART (CERAMICS)

Jenna Leigh DeCoite Maxwell Mcklaine Henderson ART (DRAWING) Fallon Micole Apodaca Alexander Russell Atchley-Carey Jackson Berry Enrique Feliciano Borges Alyssa Laree Brooks Kyra Summer Coleman

Natalia Evans Joseph Henry Karbowiak Jordan Rae Litzinger Shannon Andrea McDonald Natalie Nicole Newton Ashley Pham Rhiannon Kayleigh Pullin Julia Chapman Selman Rachel Welch Alexis L. Williams

ART (FIBERS)

Kali Canedo Holly Marie Seibold Rachel Suzanne Thurber Muhan Zhang

ART (INTERMEDIA)

Mia Bonita Adams Bridget Anne Cuddy Samantha Marie Peña Fresquez Ebenacea Mikel-Cooper Lang Sebastian Montaño Emily Anne Pritchard Alison P. Sigala

ART (PAINTING)

Daniel Scott Carlson Jazmin Chavez

Kaitlin Elizabeth Cristal Edgar Fernandez Zachary Emmanuel Jasper-Llumiquinga Ruby Anne Nelson Nermina Sema Pjetrovic-Swarms

ART (PHOTOGRAPHY)

Tyler Veronica Dahlstrom Stephanie Marie Faircloth Jennifer Edelmira Huizar-Acevedo Farah Kanaan Ryan T. Ko Joshua Wyatt Laieski Elena C. Pelkev-Landes Elizabeth Z. Pineda Brooke Ann Pollard Lalida Ramonaitis Emily Elise Sarten William Mark Sommer

ART (PRINTMAKING)

Merryn Omotayo Alaka Jamie Erin Gibson Rebecca Emily Grover

ART (SCULPTURE)

Marisa A. Bentley Caralie Cedarleaf Kiok Jun Chuan-Yu Leow Taylor Lannete O'Daniel Julie Romney Jennifer Elizabeth Vaughn

DANCE

Reavanna Erving Taylor Madison Ford Manon Ariana Sarah Goodrich Emily Mae Laird Jasmin Isabel Lopez Jaylynn E. Madrid Tremayne Delacruz Manahane Victoria Grant Phillips Olivia Catherine Poulter Brittany Richelle Roberts Elleanna Marie Spinelli Carlos Jashan Tello Solano

DANCE

(DANCE EDUCATION) Arielle Elizabeth Lemke Rylee Jane Locker Shannon Margaret Marriott

BACHELOR OF MUSIC

MUSIC EDUCATION

Charles Henry Baker IV Nathan Eldon Benitez Tanyon Hideki Lane Berry Charlotte Elizabeth Burton Faith Elizabeth Christensen Andrea Celleste Henderson Kathryn Emma Holste Tristan Richard Jagielko Brandon Craig Kollmorgen David Ryan Larkins Emily Nicole Mabry Theresa Marie Morgan Jesselyn Marie Orpilla Aliyah Danielle Qualls Whitney Tiera Reed

PERFORMANCE (GUITAR) Ryan James Roubison

PERFORMANCE (JAZZ)

Joseph Anthony Allie Max Henry Beckman Alexander Lee Price Jesus Enrique Ramos, Jr. Samuel J. Russo Matthew Ellis Storto

PERFORMANCE (KEYBOARD)

Jiayun Li Kangyuan Ruan Ge Shi Emily Lynn Smith John Anthony Solari

PERFORMANCE (MUSIC THEATRE)

Caelan Creaser Julia Francis Davis Erin Soo-Jung Kong Alexandra Taylor Oliva Christopher Paul Reah

PERFORMANCE (ORCHESTRAL INSTRUMENT) Katherine Nichole Breeden Charlotte Elizabeth Burton Ruihong Chang Sicong Chen Ryan Patrick Everson Lindsey Ann German Julian Iralu Caitlin Anne Kierum Eyona Renee Matthews Isaac Jakub Miller Emily Margaret Rumney Mengyu Shen Nicholas Andrew St. Croix Ziyang Zhang Jingya Zhou

BACHELOR OF SCIENCE

ENVIRONMENTAL DESIGN Jiawei Bao Zheng Bao Carina Logan Bayus Tiara Bidjou Christopher Matthew Boden Veronica Lynn Brockschmidt Robert C. Busse Kerri Clayton Angela Catherine Coriell Elizabeth Odessa Deitchman Dustin Blake Dupree Logan Fike Erika Christine Fluharty

Derek Hildebrandt Shuai Huo Natalie Kerr Christopher James Landry Savannah Taylor Lane Chankyu Lee Lauren Littenberg Ping Huang Liu Nicholas Lopez Brent Andrew Mackie Juan Alfredo Morales Page Jessica Nash Sean Patrick Okeefe Rebecca Ann Parmelev Joshua Alden Grant Rasmussen

Brandon Rivera Hannah Kathleen Sampson Mitchell Austin Scholing Jonathan Andrew Sheldon Carly Ann Small Alicia Noreen Smith Michael Andrew Stears Jacob Dean Stegmeier Alexandra Rose Strachan Huasiqi Tang Abigail Rose Uranga Bailey Hannah Waller Tess Nicole Welch Yueyang Xie Fang Zhang

BACHELOR OF SCIENCE IN DESIGN

ARCHITECTURAL STUDIES

Ian Nathaniel Birl Zachary Thomas Bundy Carla Lizette Callejas Donglei Cao Audrey Lauren Carlson Adrian Castro Martinez Thomas Chung David Allen Edwards, Jr. Christopher Ryan Fernandez Nenwe Geeso Kyron L. Hardy Tiffany Hartono Alisa Giselle Hernandez Amberley Rae Johnson Emily Brooke Kellogg Cecile Kim Kim A. Lawson Juan Garcia Leyva, Jr. Zihao Li Alejandra Lobato Jarrin Christina Jean Lufkin Benjamin Lee Lyons Alexis Dion MacKay Merry Jane Mcgee Camille Nicole Medeiros Kathleen Rose Nelson

Tara Drue Nez Kelsey Katherine Obrien Javier Olvera II Alexandra Miller Patrick Mallory Valeria Payne Oriana Ithamar Gil Perez Huyen N. Pham Brandon Wayne Powell Henry Jesus Erives Quintana Geng Tian Kenneth Elliott Webb Jingwen Wu Xingyu Zhong

GRAPHIC DESIGN

Paulina Adame Castro Devon Elizabeth Aulerich Stephanie Jo Bookout Kaitlyn Boyd Gabrielle Brianna Delgado Maria Elisa Duran Clara Josephine Early Klariz Glen Mandac Gapusan Veronica Melissa Gomez Sydney Jean Greaves Jialu Gu Joshua Thomas Hanson Samantha Rae Hendricks Andrew San Htoon Chenyang Hu Cheyenne Knippelberg Teresa Danielle Leban Sara Mecca-Whitlock Lesley Atzin Morales Omar Mota Y. N. Nguyen Daniella Leah Ozair Logan Payne Kyle Peterson Cecilia Inocentia Ramey Quincy Alan Seitu Reams Lorena Nicole Ridley Marcus Sandoval Eric Scott Sayban Yoorina Seo Samantha Leigh Shields Brayden Ralph Slagowski Smith Kathlene Elizabeth Stewart Cody James Stocker Caitlin Aíne Sullivan Shangying Sun Katherine Lanette Sutton August B. Tang Christina Marie Webb Augustin Nicholas Wehn

Aimee Nicole Woodward Qing Xia Courtney Elizabeth Zeitler

INDUSTRIAL DESIGN

Luke Johnathan Ayala Yueming Bao Christine Thespina Black Hunter Courtin William Killian Goodwin Jian Guo Calvin Henderson Cooper Benjamin Hsin Terry Douglas Hurst Dylan James Kerr Shuang Li Qianyi Lin Yidan Lin Dewen Liu Hanna Nicole Mills Seyla Karine Muise Naman Nanda Connor Pendery Jacob Devon Poole

Audrey Powell Tengbo Rong Trevor Lawrence Simpson Grace Bailey Strasser Yiming Wang Aidan Taylor Ward Lan Xiao Yuan Xue Mingyue Yang Danqi Zhang

INTERIOR DESIGN

Areej Saeed M Aldar Mariah Arielle Bonds Hannah Shae Bresee Daniela Cristina Chavez Joyce Choi Clarissa Teresa De La Cruz Andres Alejandro De La Rocha Grace Ellen Dudzinski Vanessa Duran Lozano Stephanie Hernandez Zili Huang Carrie Ann Huft Jillian Marie Kelley Erica Marie Klipfel Katelyn Emiko Lentz Marissa Ann Lewis Xindong Li Mikayla Mertz Lauryn Michelle Nelson Thao Nguyet Ngo Emily Jean Nicoll Dejian Pan Brooke Renee Petsch Jiaiun Oi Ali Katelyn Schierbrock Junru Shao Margot Elizabeth Stevens Taylor Danielle Stickelman Boon Lee Tan, Sr. Aivue Wang Minghan Wei Laura Joyce Wiskerchen Ye Zhang Yiran Zhao Chloe Renee Zuniga

BACHELOR OF SCIENCE IN LANDSCAPE ARCHITECTURE

Lucas E. Ayers Tia Kyle Biakaiddy Sijie Chen Lauren Olivia Colone Brett David Cordova Megan Amelia Downes Matthew Thomas Favazzo Gabriel Andrew Isaiah Jaramillo Katherine Ann Keane Cathy Tho La Parker Bryan LaFlam Chloe J. Leyba Yifan Li Maria Maurer Evan Robert Meade Zachary Michael Pekala Konatsu Victoria Rogers Nicholas Joseph Salazar Katryn Odessa Squyres Denise Simpson Torloni Xiaojin Xing Guanyi Zhou

IRA A. FULTON SCHOOLS OF ENGINEERING (Established 1955)

KYLE D. SQUIRES, PHD Dean, Ira A. Fulton Schools of Engineering

MARCO SANTELLO, PHD Director, School of Biological and Health Systems Engineering

SANDEEP GUPTA, PHD Director, School of Computing, Informatics, and Decision Systems Engineering

RAM PENDYALA, PHD Interim Director, School of Sustainable Engineering and the Built Environment

> ANN MCKENNA, PHD Director, The Polytechnic School

STEPHEN M. PHILLIPS, PE, PHD Director, School of Electrical, Computer and Energy Engineering

LENORE DAI, PHD Director, School for Engineering of Matter, Transport and Energy

> JAMES S. COLLOFELLO, PHD Vice Dean, Academic and Student Affairs

IRAA. FULTON SCHOOLS OF ENGINEERING CONVOCATION

Wednesday, May 8, 2019 Maroon Ceremony: 2 p.m. Gold Ceremony: 7 p.m. Wells Fargo Arena ASU Tempe campus

PROCESSIONAL

REMARKS

ENGINEERING ALUMNI SPEAKER

Brad Bensen, Computer Science Maria Reyes, Civil Engineering

ENGINEERING STUDENT SPEAKER

Taylor Swanson, Electrical Engineering Ethan Barlow, Engineering Management

PRESENTATION OF CLASS

Peter Lafford Associate Research Professional, University Technology Office Helene Ossipov, PhD Associate Professor of French, School of International Languages and Cultures

IRAA. FULTON SCHOOLS OF ENGINEERING TEACHING AWARD

Ajay Bansal, PhD

JOSEPH AND SANDRA PALAIS OUTSTANDING DOCTORAL STUDENT AWARD Houqiang Fu, PhD

OUTSTANDING GRADUATE

Darren Smith, Electrical Engineering

OUTSTANDING UNDERGRADUATES

Aerospace Engineering — Dylan Ottney Aviation Programs — Molly Mays Biomedical Engineering - Levi Louis Riley Chemical Engineering - Zachary Tronstad Civil Engineering - Hilary Merline Computer Science - Niharika Jain Computer Systems Engineering – Zakk Giacometti Construction Engineering — Colin Smith Construction Management — Jonathan Lyle Electrical Engineering — Darren Smith Engineering Program — Michaela Lynn Dye Engineering Management — Allison Meyer Environmental Resource Management - Linzy Voytoski Graphic Information Technology — Jessica Barnett Human Systems Engineering — Christopher Di Giulio Industrial Engineering — Meghan Iacuelli Information Technology — Corey Pearse Materials Science and Engineering — Benjamin Shindel Mechanical Engineering — Marielle Debeurre Software Engineering — Wezley Sherman Technological Entrepreneurship and Management — Katherine Barnard Bryant

IMPACT AWARD

Ethan Barlow
Ryan Borneman
Robert Chandler
Brianna Chavez

Emily Gilmore Claire Jordan Mark Kapron Philip Mulford

Emily Rose Nugent Nicholas Richards

CLOSING

ENGINEERING AT ARIZONA STATE UNIVERSITY

The Ira. A Fulton Schools of Engineering, ranked in the top 50 U.S. engineering schools, are home to more than 350 faculty members and more than 22,400 students. The Fulton Schools were awarded over \$104 million in externally funded research awards in fiscal year 2018.

In 2017-2018, the Fulton Schools granted 4,216 undergraduate and graduate degrees. Today, more than 58,000 Fulton Schools alumni are advancing the fields of engineering and technology in Arizona and around the world.

To produce the engineers and innovations needed to address society's changing needs, we have crafted a visionary blueprint for an engineering school that transcends traditional organization around degrees and disciplines and fosters a transdisciplinary approach to teaching and research. Through our six schools, we offer 25 undergraduate and 44 graduate degree programs that encourage innovative collaboration across disciplines with faculty and students alike developing solutions that will have significant, lasting impact on our local and global communities. In addition to online options for degree programs including electrical engineering, software engineering and more, the Fulton Schools offer professional development programs like Six Sigma.

The School of Biological and Health Systems Engineering provides a rich, interdisciplinary curriculum that prepares students to use engineering and scientific principles and methods to develop instrumentation, materials, diagnostic and therapeutic devices, artificial organs or other equipment and technologies needed in medicine and biology. Our biomedical engineering degree program strives to produce graduates with a broad-based education in both engineering and the life and natural sciences with a focus on improving the overall quality of global health care. Graduates from the biological design doctoral program are creative thinkers prepared to work at the intersection of biology, engineering and computing to advance human health and quality of life.

The School of Computing, Informatics, and Decision Systems Engineering is home to computer engineering, computer science, computer systems engineering, engineering management, industrial engineering and informatics degree programs. From data to decisions, we cover the spectrum for designing the modern, information-driven society, engaging in the fundamental activities of sensing, optimizing, controlling and communicating. Computing serves as the engine that drives this transformation, linking together our school's fundamental activities. We are dedicated to creating new knowledge and technology that contributes to solving the major problems facing modern society. The School of Electrical, Computer and Energy Engineering brings together university faculty, students and companies to develop collaborative relationships and solutions. Our computer engineering and electrical engineering degree programs and research efforts are aligned with national and international efforts to address worldwide challenges in energy production and distribution, health care technology and delivery, sustainable development and economic growth, communications technology and information management and global security.

The School for Engineering of Matter, Transport and Energy leverages the synergy of engineering and science to develop new knowledge and technologies, and create innovative solutions to society's most pressing problems in energy, human health, public safety, exploration, environmental infrastructure and sustainability. Degree programs in aerospace engineering, chemical engineering, materials science and engineering, mechanical engineering, and solar energy engineering and commercialization are offered. We have gathered together a broad range of disciplines and world-class faculty members who are engaged in cutting-edge research, all of which contributes to a unique educational experience.

The School of Sustainable Engineering and the Built Environment provides a nexus for education and research that address the critical infrastructure needs of our society in an environmentally sound manner. The holistic approach in our degree programs covers the engineering expertise of civil, environmental and sustainable engineering, the design and construction principles of construction engineering and the project management and leadership skills of construction management.

The Polytechnic School is organized into seven academic programs that offer a breadth of engineering and technology-related degrees. The programs thrive under the guidance of more than 100 faculty members with deep expertise and industry experience in the important technological challenges that society faces. Located in the dynamic, growing Gateway region on the southeast edge of the Greater Phoenix metropolitan area, the school is home to some of the most advanced learning laboratories available to students on any university campus.

Ira A. Fulton

Chairman of the Board and CEO, Fulton Homes

Ira A. Fulton, founder and CEO of Arizona-based Fulton Homes, established an endowment of \$50 million in support of ASU's College of Engineering and Applied Sciences in 2003. The college was renamed the Ira A. Fulton Schools of Engineering in his honor. The gift has enabled the Fulton Schools to provide funding for scholarships, fellowships, research programs and investments in faculty, all integral to the school's goal to move from its position as a highly ranked U.S. program into the ranks of world-class institutions.

"With this endowment, we are building an engine of educational and economic growth that will endure for generations. It is a gift of opportunity, prosperity, social equality and hope." – Ira A. Fulton

IRAA. FULTON SCHOOLS OF ENGINEERING

BACHELOR OF APPLIED SCIENCE

APPLIED SCIENCE (AVIATION) Gavin Charoenmin

APPLIED SCIENCE (GRAPHIC INFORMATION TECHNOLOGY)

Lawrence Robert Arrey Matthew Kenneth Jorgensen Corey Patterson Julianna Irene Steckler

APPLIED SCIENCE (INTERNET AND WEB DEVELOPMENT)

Jamil David Bonhart, Sr. Victoria Leigh Jones

AERONAUTICAL MANAGEMENT TECHNOLOGY (AIR TRAFFIC MANAGEMENT)

Anthony Dean Deters Alexandra Fesler Lauren Ashley Gavulic Stojanche Gjorcheski Nicholas Joseph Hodges David Michael Lindsey Molly Ruth Mays Cassandra Nolan Sean Robert Perriello Franque Don Phillips, Jr. David Jefferson Ostro Silver

AERONAUTICAL MANAGEMENT TECHNOLOGY (AIR TRANSPORTATION MANAGEMENT) Eyad Atif A Abushanab Kevin Alexi Cervantes James Tadeusz Gilmore John Robert Hunting Richard Kulig Anthony James Pagnillo Bryan Matthew Sullivan Eron G. Luna Paula Marie Luther Jessi Magraw Laura Pierson Salvador Andres Ramirez, Jr. Kiara Sade Rodriguez Cara Sue Steffen Christopher M. Woodall

APPLIED SCIENCE (OPERATIONS MANAGEMENT)

Juvenal Sandoval Abarca, Jr. Vincent Mark Berry Jennifer Lynne Bunker Hunter Richard Byron Michael David Dursch Mark Aaron Fulling Joseph Jackson James Robert Lazarewicz Paul A. Ledoux, Sr. Richard N. McConnaughy Lashon Placencia Bradley Richardson Kevin David Rowe Daina A. Rowell Cristina Camille Sarinana Matthew Thomas Smith Charles Kurtis Wishmeier

BACHELOR OF SCIENCE

AERONAUTICAL MANAGEMENT TECHNOLOGY (PROFESSIONAL FLIGHT)

Preston Thomas Bacik Trevor Albert Clingen Carlee Higgins Cramer Ethan Alexander Gray Robert Scott Hirsch Amirye Khairat Collin Clark Landwehr Keely M. Petitt Isaac J. Slepian Tanner Jacob Van Horn Megan Colston Whittard Bradley Creighton Woods

AERONAUTICAL MANAGEMENT TECHNOLOGY (UNMANNED AERIAL SYSTEMS) Brandon Patrick Atkinson Alexandra Fesler Logan Griff Alexander Kane Molly Ruth Mays Austin David Thompson AIR TRAFFIC MANAGEMENT James Alexander Hand

COMPUTER SCIENCE

Aditya Nandakishor Abhyankar Lauren Alexis Aldrich Noah T. Alegria Eric Christopher Arellano Maria Claudia Arriola Zachary Bruce Ayers Avi Basha Jordvnn Patricia Beedle Matthew Behrendt Daniel Parker Benton Blake Palmer Boxberger Dylan Slater Brabec Christopher Anthony Brashear Danielle Oren Bricker Adam Brossman Mark Terence Espiritu Buenaflor Andrew M. Bui Kyler Allen Butler Sean Casaus Robert Keith Chandler Baihan Chen Diana Karen Chen

Sungchan Cho Ryan Thomas Christensen Semira Chung Kevin Clancy Alexandra Suzette Cobian Ana Claudette Coker Taylor Alexis Coleman Chandler James Cotton Abrahm Philip Coury Ryan Douglas Crandall Kevin Thomas Cranmer Susanna Roshini D'Souza Travis E. Delly Wenrong Deng Kaitlyn Rose DiLorenzo Patrick Dunlavey David Lee Edwards Ryan Keith Edwards Jayson Dean Elayda Michael Anthony Elia Daniel Ene Neagu Isaac Daniel Soren Ethington Adrian Figueroa Stephen Michael Flores Patrick Loyal Flynn Jacqueline Fonseca Andres Xavier Gandara John Jefferson Garcia Samuel Burkett Garretson Steven Garverick Jesse Gerdus Suhail Abdul Ghafoor Jesus Alberto Gomez, Jr. Sierra Marie Granillo Hadley Meryl Griffin Byron Alejandro Guerra Hunter Jordan Hardwick **Connor Firpo Harris** Zihua He Tain Henning David Scott Hershkowitz Alexander Vincent Hicks Daniel Harris Hill Brianna Celeste Hirsch Charles William Hohenstein Joshua Johannes Holt Niharika Jain Tydin Player Jarman Logan Gregory Jepson Bohan Jiang **Richard Jiang** Nicholas Keith Jorgensen Edwin Jose Myat Oo Khin Aleksa Krstic

Sidharth Kulkarni Rohit Kumar Adrian Kuo Carter Kwon Benjamin Louis Ladick Yau-Hei Lam Austin Jacob Lamb Hoang Minh Le Jennifer Le Alexander Michael Lemka Andrew James Lewis Jordan Allen Lewis David Aurelio Lev Matthew Thomas Lillie Jon Marchy Matibag Llanes Guillermo Lopez Tyler James Love Vivek Mahendra Kael Mahonev Katherine Ageha Martin Nicolle Elise Mathews Andrew David Maw Connor Thomas Mcbreen Sean Michael McGinn Michael Anthony Mendiola Vincent Joseph Miller Prachi Miyan Julia Blair Nakhleh Jared Nathenson Courtney Taylor Ngai George Ngon Andrew Hoang Nguyen Jackson Carter Nichols Nathan Adel Nikan Collin Theodore Noble Rachel Elisabeth Noziglia Brandon Pacheco Karla M. Paraiso Bryce Alexander Pedroza Austin Tyler Peterson Erik Wayne Peterson Andrew Phillips Sivamsa Pingali Jordan Thomas Pladgeman Travis Michael Pollock Michele Ramos Markanday Ravi Alejandro Tino Rayas Colin Redman Michael Andre Rojas Aaron Kohei Roth Mason Salisbury, Jr. Steven James Sawtelle Jeremy Michael Seidner Tarish Sekhon

Shail Shah Raffi Parsegh Shahbazian Shanchuan Shao Karen Osher Shemer Benjamin G. Shu Tanner Siffren Darren F. Sims II Rahul Sinha Dylan Charles Sirower Nicholas F. Soto Kyle A. Stevens Amit Tallapragada Paul Joseph Tang Kevin Thai Yifan Tian Nam Hai Tran Charmaze T. Trinidad Rohan Sachin Upponi Nikola Uzelac Robert Lewis Vallieu, Jr. Zoe Daniella Noel Vasquez Bryan Dinh Vu Du Ngoc Vu Max Grant Waaler Bowen Wan Thomas Scott Wheeler Sean David Williams Paul Anthony Witulski Geoffrey Hunter Wong Ted Coleman Work Dunchuan Wu Rvan Yiu Rafael Zamora Lei Zhang Ziming Zhang Weichi Zhao Ka Chun Zhu Quankai Zhu

COMPUTER SCIENCE (CYBERSECURITY)

Connor Dalton Aitken Fatima Dhafer A Alburaikan Yazeed Abdullah S Almazroa Javier Benavides Natalie Johanna Gomez Benavides Wyatt Michael Carlowe Anh Ngoc Tuan Nguyen Alex Sheavin Nou Caleb Gregory Schwartz Tyman L. Sin Eric Allen Williams

COMPUTER SCIENCE (SOFTWARE ENGINEERING)

Lorraine Aljbour Saeed Salem Kbaish Binhumood Alteneiji Matthew Elias Baker Ryan Bettis William Boyd Birch Alex A. Carlin Nestor Arturo Casillas Collin Riley Christensen Julian Antonio Cruze-Miranda Tarryn Faith Falls Preston James Ferrell Cynthia Maria Garcia Robert Alan Hammerschmidt, Jr. Bertrand Hornsby-Odoi Jamie Kamantigue Baani Kaur Khurana Tristan Thomas Kimball Sonia Michiko Long Omar Jesus Lozoya Zeeshan Mallick Jeremy John Mathias Nneka Ashae McNab Matthew Tyler Moffat Kelly Mawaba Ndombe Roni Polus Vijay Kambhampati Ramakrishna Abraham Ramirez George Rayes Samuel Mervin Robertson Shirley Ruan Walid Salihy Michael Ervin Saul Connor Andrew Small Harley Macgyver Sweigart Vincent Nhan Truong Nathaniel Joseph Unruh Katie Noelle Weber Andre Wijaya

CONSTRUCTION MANAGEMENT

Tyler Nwahndem Acha-Morfaw Chris Ayala Nicholas Lindsey Barnes Adam H. Bevier Randy William Biersdorff Dylan Reed Cardwell Alex Felix Castillo Corando Chavera III Tanner Daniel Chesnut Donald Hiram Cole III Nallely Corona Kindell Davis Kvle Dick Vincent Michael Dileonardo Jacob Aron Ellis Tanner Jeffrey Esparza Gianfranco Fazzino Alan Dylan Jessie Robert Gonzalez Ian Lawrence Gore Stephen Guinta Joann Hannoona James William Hasso Dalton Joseph Holly Katerina Victoria Kneip Franklin Forrest Lee Jack Henry Lee Mitchell Edmund Lieppert Travis Donald Lowell Jonathan Thomas Lyle Jacob Paul Masica Benjamin Naon Michael George Nassief Jay Nguyen Jacob Ellis Oliver Connor Osgood Thomas Edward Partin Owen Michael Peterson Reed Thomas Peterson Jacob C. Robb Estefania Trancoso Matthew D. Udall Patrick Liam Walker Jesse Allen Zwick

ELECTRONICS ENGINEERING TECHNOLOGY (ELECTRONIC SYSTEMS) Charles Calvin Dean III

ENVIRONMENTAL AND RESOURCE MANAGEMENT

Angelo Estevon Cortez Saskia Mildred Kemp Rohan Nikhil Shah Linzy Jane Voytoski

GRAPHIC INFORMATION TECHNOLOGY Ali Alavi Stella Alexander Atzenweiler

José Luis Avón Ramirez Anita Cecilia Barefoot Jessica Lynn Barnett Karen Kristine Bonfil Amanda Lee Brewer Tarhonda Nicole Bunnitt Simon Cellard Rachael Marie Cole Payton Thomas Copley Estefania Crespo Jonathan Reyes Cruz Cale Alan Davis Nelson Roberts De'Reche Brett Richard Eaton Danielle Elzy Rizza Charisse Esguerra Eric Matthew Fox Dakota Patrick Freeman Andy Garcia Emma Genessee Bryce D. Gillen Roland Patrick Gonzalez Jordan Michelle Graham Katie Marie Greivenkamp Elizabeth Rachael Hardesty Casey James Harvill Amanda Hatch Recardo Henry Alyssa Danielle Hill Adrienne Nicole Ingram Caitlin Nicole Jorgensen Daniel Kim Brett Thomas Levreau Tiffanie Jean Lord Keli'i Lum Lilly Mahi Colin Michael McMurry Jon Christopher Micsa Sarah Katherine Miller Patrick Lee Moloney Stephanie Sue Mroczkowski Laura Akiko Mummery Cosme Daniel Navazo James Duong Nguyen Cody Pendley Carley Jo Petersen Mitchell Gill Petersen Alexis Rae Prince Heath J. Rackham Alyssa Marie Renfrow Dane Erik Reynolds Sarai Rebekah Rounds Allysha Marie Ryan Larissa June Sykes Yajaira Torres Lily Vi Tran

Mike Quoc Tran Benjamin Varela Rachelle Vetter Bailey Morgan Vidler Hitomi Vinciguerra Hayley Elizabeth Vrana Ana Patricia Walsh Hunter Wyatt Wickersham Katherine Joy Winchester Arthur S. Yu Karla Fabiola Zamudio

HUMAN SYSTEMS

ENGINEERING Hajin Ahn Jacob Daniel DeVault Christopher Di Giulio Daniel Munoz Abril Schwartz Tanvi Gopal Tendolkar

INFORMATICS

Jorge Arellano Kyle Robert Aycock Michael Gregory Cerota Charles Edward Day, Jr. Alexis Trinidad Evangelista Anthony Valinotti Fontana Alexander T. Hosford Benjamin Richard Humpherys **Billy Jovany Llamas** Jack Gilbert Martin Sean Edward McGonegle Sadie Larie Ogle Juan Alberto Osornio Padron Cody James Partin Deanna Kirsty Pedroza Andrew Macario Purificacion Kellie Margaret Reynolds Taseen Uddin Shana Ronald Frank Weeden, Jr.

INFORMATION TECHNOLOGY

Anthony Megnath Adjuder, Jr. Abdulaziz Mohammed J Alanazi Nawaf Khalaf K Alotaibi Quinn Christian Anderson Michael Christopher Arandela-Bomban Tyler Edward Beels Ma Rosario Bernido Jeremy Wayne Blankenship Ethan Andrew Boatright

Angel Alexis Chavez Gary Wayne DeLeon Gabriel Owen Forgie Nicholas Jedidiah Goodwin Nicholas William Greenlees Samantha A. Hackney Timothy Russell Hadden Nazariy Haliley Phillip Keith Hanson Rashid Hashemi Ryan Steven Headley Matthew Rex Herring Eric Earl Johnson Dexter Nicholas King Kent Kingsley Michael Kittok Hugo Lackmann Elizabeth Jane LaForest Gabriel Lewis Parabsimran Singh Litt Syed Jaffer Mahmood Stuti Mandal Nicholas R. Marinig Allen David Markham Anthony D. Milazzo Brian Neville Blake Parrish Corey Conrad Pearse Phillip R. Poolaw Nathan Allen Poorman Chandler Race Pedro Miguel Robles David Grant Romines Victor R. Baez Ruiz Jacob Rusywick Ryan A. Schenk Sarah Danielle Schnoor Dillon Maxwell Schultz Kyle Wayne Sharlow Brandon A. Smith Daniel Gray Travis Pengfei Wei Christopher James Wetjen Danielle K. Zebrauskas

MANUFACTURING ENGINEERING

Grayson Evan Allen Joseph Alexander Ananto Francisco De Jesus Barbosa Benjamin Bergansky Logan Casey Covey Andrew James Creasman Noah David Lyche Devin Metcalf Rudy Gabriel Murillo Justin Lee Olmstead Kyle Gregory Stanford Dominic Michael Torquato Alexander Andrew Uraine Qianfan Zhang Bastion John James Zuzu

SOFTWARE

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Maxwell Hayden Heller Alonna Jamie Hellinger Jensen Renee Hemming Kristofer Cameron Hoadley Erik Allen Isaacson Sara Jane Iversen Alexander Hamilton Jader Jacob Michael Janas Benjamin Troon Jansen Brittany Mouring Jenkins Joshua David Johnson Natallia Karaliova Colben Matthew Kharrl Justin Andrew Kistler Rachel Kathleen Knoche Krystal Konzer Cal Jameson Kothrade Robert James Lankford Benjamin Guy Larsen Elizabeth Marie Layman Jared Leon LeBlanc Shareef Rakim Levon Joshua N. Lyons Matthew Ray Mairel Chase A. Marsh Gabriel Eduardo Martinez Adam May Robert Wesley McMahon II Nolan Ryan Miller Zachary Lynn Monroe Troy Mullins Nathan Nelson Brian Robert Nicolas Kevin Carlin Nolf Jack George Northcutt III

Brittnee Pacini Paval G. Pandit Danielle Alexis Panfili Rvan Thomas Pierce Teresa Marie Pino Jeremy Charles Powell Connor Emerson Premuda Jaime Javier Rabago, Jr. Andrew Ralston Jonathon Michael Ross Jesse Sabbath Rudy A. Sanchez Julia J. Schmidt Canyon P. Schubert Maigan Ashlee Sedate Sean Alexander Selover Ovadia Shalom Wezley Sherman Johnathan James Sinicrope Bartosz Skoczylas Craig Anthony Smith Philip Henry Soucheray III Daniel David Spofford Aaron C. Stahley Taylor Stockton Nubian Tesfai Andrew James Thyng Branden Kent Turley Steven James Universal Alexander Thomas Verner Nathan Douglas Waitman Nicholas James Walsh Scott Michael Watkins Alexander Lee Winchester Edward C. Woelke

Enya Yan Hongqi Zhang Matthew Ali Zomorodi

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BACHELOR OF SCIENCE IN ENGINEERING

AEROSPACE ENGINEERING (AERONAUTICS) Anthony Ryan Allen Matthew Gallego Bajamundi Geoffrey Block Walter Lysandas Bonar Grevson Bovll Nikolaus Christiansen Andrew Demian Taylor John Duke Samuel Leo Ell Norihan Elsharawy Zachary Andrew Fechser Nicholas Galvach Luis Alfredo Garcia Hunter W. Halversen

Robert Jerome Henning, Jr. Yau-Fung Lam Bradley Stewart Laughlin Ryan McBurney Tyler William Mebane Riley Arthur Mitchell Edwin Munoz Marie Ashley Norris Dylan Thoreau Ottney Collin Robert Overall Chelsea Pennington Joshua Alden Rash Matthew Christopher Skelton Matthew E. Spear Cornel Uys Paulo Eduardo Barbosa de Andrade Lima Vasconcelos

Jorge A. Virelas Bryan Minh-Tri Vo Dallas Wayne Wells

AEROSPACE ENGINEERING (ASTRONAUTICS) Antonio Rodulfo Acuna Brian Matthew Amaral Luis Angulo Natalie Nicole Beaulieu Maclain Peter Bonfield Dillon Lee Briggs Corey Alexander Crossen Ryan Czerwinski Griffin Alexander DiMaggio Alexander Dolezal Ryan Alexander Fagan Demokritos Yiorgos Frangos Jordan Marie Gisch Oswaldo Santana Gonzalez Marko Montana Green Stephen Michael Hall Maria Samir Louka Hanna Lucien Xavier Hollins Spencer Jensen Tyler Henry Jones Austin Robert Kane Aditya Rai Khuller Colin Alexander Kunst Nicholas Avery Lehnertz Spencer David Little Matthew Rolfe Meiers Mitchell John Miller Philip Musick Mulford, Jr. Frank Anthony Pinon, Jr. Sean L. Prast Christine Denise Rodriguez Sarah Sinclair Rogers Karina Susette Santillan Erskine Thompson Brandon Duy Khac Tieu Alexander Thomas Watson Tammy L. Witzens

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Aderonke Temitope Adewuyi Shahzadi Aimen Byron Andres Alarcon-Benedetto Maitha Tariq Mohamed Karama Alkatheeri Mayar Mossad A Abdalwahaab Allam Eman A. Abu Alrahi Jacob Robert Aperi Romann Fuentes Arizmendi **Riley Nelson Barnett** Raegan Mckenzie Barry Ahmad Basiri Connor Beck Ambike Bhraguvanshi Kolby Kedric Black Ethan Charles Blank Earl T. Brown, Jr. Taylor Emily Brown Blake Timothy Browning Kianna Caldonia Browning Mason Michael Buseman Matthew Alexander Chrest Morgan Elizabeth Cobban Sydney Christine Connor

Sheldon Daniel Cummings Alexander P. DaSilva Elizabeth Ashley Delgado Kyle William Durrant Glenna Bea Rebano Embrador Jesus Guillen Escobedo Jarrett Bryce Eshima Maxwell Solomon Fisco Tamara Gajanovic Jose F. Galaviz Garcia Bailey Quinn Gasvoda Daniel Rinaldo Gaytan-Jenkins Spencer A. Gossel Christy Maria Goudamanis Kelsev Anne Graft Nicholas Grant Shannon Marie Grassi Angelica Beatriz Gutierrez Angela Marie Hemesath Luis Fernando Novelo Hernandez Andrea Olenka Hnatievych Patrick Hogan Zheyuan Huang Eduardo Luciano Huapaya Kyle James Hull Zachary William Humphreys Hamida Ismail Tanner James Ivey Ishitha Jagadish Jared Schlecht Johns Amar Dilip Joshi Rohan Shrikant Joshi Nicholas Mark Keiper Jessica Kerlee Mukund Khanwalker Brody William Kilgore Grace Kim Stephen William Lane Tyler Davis Lent Tanner Robert Levi Richard Longfei Li Devin James Lillegaard Pedro Andrade Lopes Antonio Lopez Serrano Tristan Andre Loveday Nivenka Chatura Mahesh Destinee Gabrielle Martin-Karim Gabrielle Corley Mills Tyler Ryan Mitchell Christina Eleanor Monteilh Rex Corbin Moore Alexandria Morales

Austin Morgan Sheania Krystal Morgan Gergey Alzaem Mousa **Bailey Marie Myers** Alexis Nelson Andrew Frederick Nelson Jade Hunter Nelson Toan Thai Tran Nguyen Mary Christine Oh Patrick Panattoni Jagan Pandari Melanie Ann Parke Ekta Patel Nicholas Logan Pederson Amy K. Polanecki Andrew Thomas Polson Ahnaf Fyaz Rahman Bhavna Ramesh Xavier Michael Richmond Alexzandra Leigh Rico Levi Louis Riley José Luis Rivera Laura Andrea Roa Nolan Christopher Ross Cami Caitlyn Rowan Nima Sadeghi Tudor Mihai Sasaran Allison Nicole Schmidli Joseph James Schreiber Fangchi Shao Casey Rudolph Silva Bernard Jacob Silverman Tevon Elijah Sinica-Williams Alarmel Sira Christina Lynn Smith Sarah Brianne Soaf Amber Sogge Corey Garcia Soto Sydney Amalia Spicer Steven Jeffrey Stamm Kendra Fern Starkel Erin Nicole Sussex Victoria Sarah Tai Jonathan Nathan Talos Kyra Leigh Temple Jordan Cecile Todd Phuong Tran Jaffalie Twaibu Michael Anthony Tyson Taylor Alan Underwood Theodore Valenzuela Joseline Valenzuela Ouintero Derek Joseph Vielhauer Zachary Kevin Willis Drew V. Worman Jake Johnny Xu

Jesse Yepiz Yassin Youssfi

CHEMICAL ENGINEERING

Benjamin Udama Agbo Abdulaziz Ahmed A Aldavini Musaed Saleh Alenezi Duaij F S F Alfarhan Eyad Ali S Alghamdi Eissa Faisal E Alharbi Hassan Abdulrahman Omar Husain Alhashmi Mohammad A M A Aliasem Al Waleed Sultan Ahmed Hamdan Al Kalbani Sulaiman Kh A A M Alkandari Khadijah Eisa I Alkhan Fawaz S A M Almahrous Mohamed Zayed Mohamed Qarran Almansoori Abdulrazzaq Saud Saad Almasaud Mohammad Aloabid Bader SAHA Algattan Saad B S R Alsaad Eisa Alsaffar Maad Faisal J Alsasi Husam Abdullah B Althaaly James Nicholas Arndt Drazen Braden Baciewicz Hassan Yaqoub Baqer Chad Allen Barner Emily E. Beller Emil Plamenov Benov Lauren V. Berg Richard Madison Black Austin Jay Boeckholt Andrew Jonathan Bowen Luke Daniel Brownlee Wesley T. Burnham Emilee McLain Butcher Justin Wade Butts Katie Lee Canevit Harold Joseph Carrigan Joëlle Marie Caroline Cayer Luis Jovanni Cervantes Oscar Cisneros Madison Makenna Cochran Kendell Dey Crowley Eric J. Dan Michael Christopher Detto Maxim Park Dickieson Megan Dieu Justin Durán Abdilwahab Eidi

Monica Lea Eliason Kyle Erickson Kamilah Zarah Pasia Escalona Michelle Renee Eyink Alexander Eric Fonseca Brett Frank Jordan Matthew Grace Liam Bennett Hait Hannah Raye Hallikainen Jamie Lynn Harte Handlos Alisha Renique Harris Hunter Thomas Haynie Arijana Helbet Karen D. Hernandez Hans Christian Heyer Hope Jehng Hill Zoë Anne Houdeshell Lucas Allen Hunter Hasan I M Jafar Trey Patrick Janovsky Tyler Jordan Klassen Nikita BennayZ Kowal Andrea Nicole Kraetz Broderick Thomas Laese Edward Lai Maymary Everrest Laideson Augustas Laurin Ashley Elizabeth Lear Sara Lee Kevin Leyva Bradley Scott Lindsay Steven Christopher Lopez Kato Muhammed Luboowa Hannah Clarice Lyman Zein Al Abidine Mahaidly Sonia Malek Joshua Adam Mason Alexandria Rae Massey Cameron William McAllister Grayson Michael Meadows Nathaniel Alexander Medsker Meteb A M S Mejbel Angela Yvette Mercado Jessica Lee Micksch Corey Miles Adriana Allyssa Moya Lincoln Mtemeri Logan Reese Myers Jared Arthur Nettles Steven Minh Nguyen Emily Rose Nugent Anthony Miguel Ortega Timothy Kevin Otis Tarang Pande Robert Pelletier Dylan Chase Polo

Tonva Mae Price Ashley Lauren Raimondi Alexis Jean Rainery Tiffany Lee Ramos Neil K. Rastogi Alec Rike Daniel Justin Rivera Jennifer Lynn Robey Alissa Royle Madeline Josephine Ruybal Yusef Sabri Margaryta Sadova Mohammad J S A Safar Dagan Orion Sassarini Robert Dean Schroeder Mousa A A H Sefer Carsten Michael Serra Derek Shelstad Andreas Anthony Silva Nicholas Emmanuel Silva Dylan Randall Smith David Justin Snyder Alexander Wesley Socie Gavin Lyle Steeber Trevor Ace Stewart Jacob Paul Straver Bharath Tata Gordon Russell Tendick Nicholas C. Theut Kari Leigh Trimble Zachary Tronstad Stephanie Christine True Andres Valenzuela Jakob Oscar Van Dusen Dominic Anthony Vetrano Jessica Rebecca Wagner Trevor Douglas Wagner Haley Marie Waldvogel Robert James Walls Michael S. Warner Oluwatoyosi Omotola Williams Amanda Janelle Witherow Karolina M. Wolny Adam Wong Diana Juliet Zermeño Zihan Zhang CIVIL ENGINEERING

Khalid T. Abdulkhalik Julio A. Aguilar Emily Alcazar Abdulrazzaq M E A Alhajeri Sulaiman A S A E R Alhajeri Saud M A M Alhazza Hamad Alhunaidi

Abdullah Alkandari Ahmed H. Alkhaled Ahmed J A M A Almatawah Meshal H A H Almedhadi Mohammad S O S Almutairi Nasser Hilal N A Al-Nuaimi Mohammad M M M Alotaibi Abdullah W A A A Gh Algattan Naser S A A S Alselahi Razan A J M A Alshehab Abdullah Mofareh A Alyami Esther Okwatum Amoding Samantha Arabi Joshua John Beyner Brandon David Bohan Adrian Alejandro Olais Bojorquez Luis Fernando Cervantes Allison Ragan Charles Yanyu Chen Kyler James Chiago Steven Frank D'Angelo, Jr. David Isaiah DeKonty Nathan Eli Diezman Nickolas Eckert Taylor Alan Eppers Pedram Esmailzadeh Cole Ellis Fowler Natallie Anne Gabbert Joseph James Herrera-Theut Austyn Nguyen Howard Jingran Huang Eileen Elizabeth Imbus Makram Rida Jreissat Marija Knezevic Weidong Lin Andres Magdaleno, Sr. Juan Maldonado Karim Mardambek Jacob Scott Miyauchi Dillon Scott Monroe Kade William Moore Mark Edward Natale Steven Harl Neher Nathan D. Oleiniczak Liuhaoran Qin Joel Ricardo Ramirez Ibrahim Imad Ramlaoui Peris Rashid Joe Travis Reilly Jesse Edward Resendez Shane Esteban Rivera Noah Robert Rudko Amv Santilli Sakol Sea

Belchor Antonio Sebastiao Jeffrey Allen Starling Jack Donald Stransky Caleb Josef Streiff Zhinian Sun Jett Martin Thies Cody Michael Thornburg Brooke Marie Tracy Karina Lyn Trejo Robert Joseph McComas Walker

CIVIL ENGINEERING (ENVIRONMENTAL ENGINEERING) Haley Elizabeth Archambault Connor James Fegard Jeremy David Foster Hilary Merline

CIVIL ENGINEERING (SUSTAINABLE ENGINEERING)

Antonio Enrique Andrade Erick Leonardo Bobadilla Benjamin Allen Jones Corey Khazanovich Jason Benjamin Reynolds Simeon Andrew Richmond

COMPUTER SYSTEMS ENGINEERING

Daniel Aguiar Abdullah Alhasawi Hamad H H F Almudhi Farah Al Yasari Patrick John Archer Brandon Albert Barth Devon Thomas Bautista Trevor Bautista Clifton Benally Alexandras A. Birutis Jacob Ryan Cates Ramy Dagdoni Dominic J. Debenedictis Chloe Taylor Dietz Jonathan Schaeffer Di Silvestro Mason Matthew Elam Uilani Forgione Zakk Louis Giacometti Samuel Gompert Jacob Andrew Gonzales Everett Bartholomew Graves Evan Charles Greavu

Cassandra Elizabeth Guerra Jacob R. Hann Adam Thomas Hanrahan Erin Nicole Hintze Cody Eric Iwertz Abdulwahab N H H Jasam Craig Allan Knoblauch Matthew Crowder Koltes Evan Lam Erick Larson Hwee Mei Lee Sabrina Christine Leigh-Godfrey Sergio Lomas, Jr. Raghav Madan Luke Christopher Mains Hayden Chandler Marr Nicholas Joshua Mel Edward Lujan Meza, Jr. Kienen James Nordlie Trent Joseph Northrop Juan Luis Ortiz Rivas Joshua Paul Owens Abhishek Girishbhai Patel George Victor Radau Nicholas Giovanni Richards Jesse Aksel Rodriguez Ross Norman Satchell **Richard Simpson** Sean Earnest Slamka Kevin Olaf Strozyk Quinn Reilly Thibeault Roger Stephen Villanueva David Willis Jacob Andrew Wilson Haoyu Xu Milton L. Young

COMPUTER SYSTEMS ENGINEERING (CYBERSECURITY) Ryan H. Giltner

CONSTRUCTION ENGINEERING

Feras Ibrahim S Alhanaya Hamaid Hammad H Alsubhi Cory Justin Johns Colin Cotner Smith

ELECTRICAL ENGINEERING Sterling Abrahams Joseph Robert Ackerman Oreoluwa Iyanuoluwa Ajulo

Abdulla Badir Ahmad Abdulla Alawadhi Mohammad A S M Sh Alenezi Ahmad Abdulsalam Alsayed Hassan Alhashmi Samia Almudhareb Bandar N DH F Almutairi Abdulrahman A A A Altaweel Abdulrahman Salem Abdulrahman Mohammed Alteneiji Douglas Erving Anderson Daniel Esquiera Asuncion Eliacim Cervantes Avelar Morgan Kathleen Baerwaldt Sagar Barlingay Ian Matthew Barry David Bates Shannen Joy Bays Brandon Gilbert Bedoya Erik Bentley Logan Alan Brist Daniel Thomas Buchak Albert J. Cadaret III Heath Casey Christopher Andrew Chen Jason Daniel Clark Philip Raoul Clarke Nina Lynore Clarke-Telfer Kyle Storm Cloud Cal Richard Cluff Jarél Cassa Coin Jessica Rose Columbus Ronald Craft Melanie Cvijanovic Ahmed Hashim M Daghistani Joshua Nhat Dao Layton Dan Davis David Decof Mostafa Dehghani Enhong Deng Ryan Christopher Dobrin Harjiven Singh Dodd William Joseph Dowe Rufus Dugat III Cody A. Dunham Kevin Dykeman Ashley Nicole Evans Megan Brittany Ewers Yichao Feng Nicholas Jay Forinash Talon Storm Forman Garrett Paul Freiwald Bide Peter Gao Isaiah J. Gaspar Carlos Gazca

Jackson Philip Gerber Braden Gomez Robert Joseph Graves Brandon Raymond Grebe Archit Gupta Farhan Habib Ebraheem E H GH Haidar Matthew James Arnold Halden Tanner Hall Rebecca Ann Hammer William Russell Hardiman Steven Hastings Matthew Brandon Hasty Nicole Alexandra Hendry Daniel Bert Henscheid Luis Alberto Hernandez David Luke Heywood Taylor Jay Hieb Jacob Woodrow Higginbottom Steven C. Hjerpe Chase Robert Hocken Benjamin Allen Hunter Reese Harrison Hurst Jacob Matthew Irwin Alex Bradley Jenkins Willie Jin Keith Johnson Amal Jov Mark Andrew Kapron Farib Khondoker Ryan James Kimminau Corey James Kurowski Adam Minh Le Byeong Mok Lee Kuan-Min Lee Olivia Li Roland Wayne Lizana, Jr. Devon James Lott Juan Carlos Luna Kevin Michael Maloney, Jr. MaKayla McAlexander Garrett McDowell Michael Shawn McKee William Z. McKinney Skyler Arum Miles Hershel Bernev Millman Daniel Alejandro Moreno Corbin Jonathan Ott Bryan Christopher Padilla Vincent Roy Palermo John Michael Patterson Jonathan Pichardo Barrios Drew Markus Popa Alexander Wilson Reinhart Porter Sierra Rose Preble

Angela Fernanda Pugliese Brian Joseph Quiroz Tahmidur Rahman Amberly Frances Ricks Mark Roalofs Osciel Alejandro Rodriguez Nathan Rosenblatt Tanner Douglas Rosenthal Taylor Lawrence Roysdon Chongwei Ruan Jeffrey Russert Mohamed Moustafa Sabet Osama M A M A Saleh Rodrigo Manuel Sanchez Franz Sattler Autumn Rose Schuelka Michael Yongseop Shim Esmaeil Shojaei Joel Nathan Siken John Francis Silvester Thomas Jerald Skinner Cameron Paul Sluiter Caroline Jennifer Smith Darren B. Smith Richard Keith Snyder Gregory James Southards Neil J. Southwood Matthew E. Spear Adam W. Speck **Dylan Thomas Spriggs** Mikeal William Stack Taylor Catherine Swanson Francis Andre Sydnor Kyle Zachary Tappendorf Ettienne Aguilar Tijerina Jan André Ünsal Sanal Varghese Ana Laura Villalobos Derek Michael Wallace Brandon Ward Donald Bruce Warfel, Jr. Benjamin Watson Koji Brendan Wiens Diego Faolyn Wildenstein Ian A. Wilkinson Benjamin R. Willis Kevin Jun Wong Jacob Cannon Wood Theodore Benjamin Wysocki, Sr. Cassidy Yoshiyama Ariana Zahedi Peash Zaman Junmin Zhong

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ELECTRICAL ENGINEERING (ELECTRICAL POWER AND ENERGY SYSTEMS) Diego Arciniega Kyle Dain Buckingham Daniel Earl Bushman Sean Michael Dornbier Daniel Edward Ehmann Nicholas Joseph Haro Jacqueline K. Joseph Stephanie Lomeli Mateo Alejandro Gonzalez Noguera Uyen Nguyen Aubre Nutting-Walker Peter Otieno Obila Celeste Prieto Fakhri Ghassan Saadedeen Tyler William Sandt Jayna Carolynn Smith Timothy Ryan Sparks Ndeye Maty Tall Kyle David Yessilth Rodolfo Alejandro De La Cruz Zanetti ENGINEERING (AUTOMOTIVE SYSTEMS)

Di Chai Austin Cline Tailang Du Brandon Christopher Dunn Micael David Ekstrom Cody Dean Hickman Stephen Daniel Hofstetter Jasvir Singh Kallirai Rezwan Sadaf Khan Robert John Los Jared Wesley Lovesee Kaicheng Lu Enrique Ruiz Mancinas, Jr. Erick A. Morataya Patrick D. Phillips Maria Alejandra Quihuis Dalton Joseph Radcliffe Nicholas Taylor Russ Fernando Santiago Stephano Kapya Sinyangwe Tanner Douglas Stinson Kristen Teehee Arta Hassan Tehrani Zachary David Van Kanegan Ian Hunter Walsh

Matthew Frank Walsh Jian Wang Zhaoan Wang Peyton Cartwright Warner Ronald Alfred Zabawa III

ENGINEERING (ELECTRICAL SYSTEMS) Ismael Ibrahim Ali Masoud Mohammed M A Almarri Rakan Salah S Alruwaili Mohammed Ahmed H Alsultan Stephen George Anthony Pablo Antonio Barraza Darren Nelson Bienusa Mario Costa Borges Dale Brimhall Eddie Rvan Brown Chance A. Bruno Christopher Michael Leo Carpenter, Jr. William Craig Cameron Michael Davitt Craig W. Dobson Jean Pierre Dushime Junda Gao Justin M. Hansing Kevin James Hansing Daniel Hogan-Bohr Stuart Jones Nektarios Nicholas Kasidiaris Kaila Leann Kirkman Kevin Tran Lam Victor Javier Ledo Travis Gregory Limerick Matthew Martin Machacek Fernando Gabriel Martinez Michael McCann Kris Laurent Memole Cory Lee Molina Randolph Lee Moore Ruben Reyes Moreno Jeremy Paul Morgan Samantha Florence Nua Miguel Angel Ortega, Sr. Kevin Sotelo Salgado Anthony Jordan Spencer Robert Adam Standard Alyssa Brianna Thompson Michael Adrian Turcu Jaime Jesus Valles Emmanuel Vargas Lufeng Yang

ENGINEERING (MECHANICAL ENGINEERING SYSTEMS)

Rami Abdullah J Aldawud Samantha Nicole Allen Wesley Alan Appenzeller Yasmeen Belgaied LeJon Bellamy II Adam Kalani Bennett Tessa Nicole Bennett Tyler Scott Berg Andrew Glenn Brady, Jr. Mitchell Lee Buckley Jacob Scott Campbell Patrick M. Charles Jeremy Joseph Cryer Corey Patrick Delaney Edgar Paulino Diaz Michaela Lynn Dye Nathan Paul Funk Ricardo Rodriguez Guy Jason K. Harvey Dallin Shawn Haycock Charles Scott Homan Chad Oliver Jones Tyler James Keith Matthew Ryan Lloyd Christopher Merlin Lovre Cheng-Tse Lu Trevor J. Lucero Tyler Scott Navarro Erich Joseph Orzech Lucas E. Pierson Ryan Marcus Ringle Adriana Sinohui Ivan Tzonev William Devos van Rosmalen Joshua Kirk Ward Jobana Westbay

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Austin Taylor Armstrong Anna Katharina Bartsch Sheena Alanna Benson Ryan Kendall Borneman Cameron Hunter Brahy Cole D. Brauer Jonathan Ernest Bush Andrew Carlson James Joseph Coppinger Clinton William Ewell Aundre' Kester Garcia YiZhuang Garrard Connor Dallas Giam Joel Allen Goodin Derek Lee Goss Daniel Isaias Henriquez Jacob W. Knaup Yosef Liel Kran Tanner Jordan Landis Washington Tuan Le Jonah Benjamin Lerner Kyle Jason Lewis Guston Heqian Lighthouse Luis Jose Lopez Maria Fernanda Bobadilla Lopez James Asher Lyon Troy Kenneth Markes Hansol Moon Michaela Ruth Morris Joshua Alan Pace Shelby Marie Reed Caesar Alexander Romero Corrine Helen Schaible Quinn Joseph Seavey Hung Sewell Justice James Sibole Curtis Mitchell Sparks Animesh Tewari James Keegan Tobin Claudio Federico Maria Vignola Syed Abdurrahman Warsi Joshua David Wilson

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Justin Kellam

Brenden Robert Leader

Joshua J. Lee Christopher N. Lenhart Timothy David Lentine Tyler Lynch Andrew David Macnair Bethany Anne Martin Allison Hope Meyer Pyae Phyo Naing Lior Peer Jordan Jeffrey Phillips Daniel Rathburn Parker Wells Reidhead Eliakim Robles Jonathan Ruby John Alexander Selvidge Tanner Siffren Brian Christopher Smedley Anthony Bruce Trevino Kyle W. Urban Gregory Thomas Vincent II Jessica Diane Wallace Dania Noelle Wright Jaeger Leo Zollman Marcelo Ruben Elizondo Zubiria

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Danielle Renee Adams Khaled Jamal M A Alabdulghafour Abdulwahab E A A Alabdulkarim Amer Mohammed A Alamer Omer A A A E Alhajeri Fahad M J A Aljalwi Abdulla Yacoub Y A Al-Kuwari, Ir. Mohamed Abdulla Al Nufaili Abdulazeez Hussain M Algahtani Ebraheem H M R M M Algahtani Abdulmajeed Mohammed F Alquraini Abdullah Amer A Alsayyar Abdulwahab S O D A Alshammari Hamza Mahmood Asif LisaMarie Bandin Matthew Jason Bidwell Jessica Michelle Bruck Brittany Jeane Brusnahan Phatipol Chatarachanwong Brianna Marie Chavez Arlen J. Dean

Mariah Crystal Elgin Alexandra Nicole Franke Emily Anne Gilmore Meghan Ashleigh Iacuelli Jacob Michael Jelinek Elizabeth Noemy Lara Alec Oscar Lebovitz Christopher Maalouf Aakash Mehta Mariam Ashraf Hanna Mekhil Sarah Elizabeth Moran Noah Gordon Morgan Benjamin Parietti Miguel Angel Peinado-Guerrero Maria Guadalupe Vigil Pena Benjamin Guerra Saenz

John Elliott Shippy Madison Disbrow Smith Steven Andrew Smith Zachary Michael Taylor Juan A. Panduro Zamorano

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Bader Dhawi M Al-Muhana Austin Tyler Bennett Geremiah Thomas Charles Michael Nathan Durso Justin Paul Edberg Perivaldo Pimentel Fernandes Nathaniel Aaron Fink Sarah Nicole Galvin Christopher Thomas Gregory Devin Mark Hardv Jacob Anton Jelinski Ian Keller Pranvera Kolari Zhikai Liu Isaac Dinnesh Nagaratnam Markus Cordell Norwood Daniel William Yun Jin Rust Benjamin Noam Shindel Andy Situ Sunny Situ Elias M. Sugarman Ariana Yusof Tse Emily Liane Vechiola Justin Adrian Whetten

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Israa Mohamed Kamal Abdelaziz Abdullah N D O Aldawood Mohammed S J H Aldhamid Abdulaziz S A A H Algheeth Ebraheem M E M H Alkandari Mohammed J M A H Alkhader Abdulrahman Nasser Al-Mahmoud Khaled S N M J Almesbah Abdulla Mohammad Darwish Almheiri Yousef M H B N Almutairi Khaled A F A A Alrashidi Abdullah T A M A Alruwaih Salem Abdulaziz Alsaraf Muath Mohamed Abdulla Almutawa Alshehhi Hamad W H H H Alsuraie Mohammad N E F M Alsuwaihel Jun Seok An Joshua Aragon Saadia Aslam Matthew Daniel Baker Roberto Barriga Cara Marie Beauvais Brandon Daniel Benavidez Zachary Ryan Bennett Alec Timothy Berger Austin Gary Bernaud Daniel Blidar Abduallah A M A Bohamad Clayton E. Brenner John R. Breunig Nathaniel Briggs Alexander C. Brown Kimberly Bui Christopher C. Caballes Conner Cahill Cameron Mitzi Campos Brinton Jonathan Carlson Alejandro Carranza Neil Tyler Carroll Christian Thomas Carter Boston Marie Cavender Yoojin Chang Alejandra Charcas Jeffrey Chien Robert Walter Chimel Christopher John Cholinski Brian Keith Cok Michael Tyler Crask Elizabeth Grace Dabdoub Himanshu Hitendra Dave Spencer Davis Samuel W. Deadrick Marielle Prescott Debeurre Cvrus Deboo John Wallace Dorsett

Brendon Michael Fisher Christopher Jason Fisher David Alexander France Paul Andrew French Thomas Clark Fritz Joseph Alexander Galindo Japheth Paul Gielen Brendan Nicholas Gilb Michael Thomas Gonzales Adrian Gonzalez Benjamin Greenlee Graydon Robert Guest Mukul Guppta Jared Andrew Gutierrez Angelica Trinidad Guzmán Brady D. Hale Courtney Alexandria Harper Alec Edward Harrell Dylan Michael Havermann Joseph David Hawley, Jr. Jared McCoy Hearn Christopher Robert Hennessy Hunter A. Henry Kevin Ruegger Hertig Hans Christian Heyer Zachary Van Hinderman Mary Catherine Hintze Cole Garrison Howard Kyaw Yeemon Htoo Laken Sierra Irish Shali Rae Jackson Derek Austin Jensen Hans Jiang Ryan Patrick Johnson Sydney Rae Johnson Arminta Claire Jordan Samuel Alexander Kaplan Ryan Moore Kiracofe Varlik Yontem Kiziloren George Bailey Kokos, Jr. Joshua Krueger Abraham Andrew Lee Daniel Lee John Chester Tim Hook Lee Nolan Ludwig Brian Christopher Luis Blake Justus Lukehart Alyssa Majuta Nathan Christopher Mascarenhas Clive Tinashe Matsika Neal James McGahan Curtis James McLoud Jack Charles Melbostad John Taylor Millard Parker Larry Moberg

Brennan Charles Tario Mohr Jacob Aric Montoya Colby James Moore David Moran Joshua Dean Morton Hamad A M A Mubarak Akshav Nalla Van Anh Nguyen Victor Nguyen Guangyu Nie Filippe Nogueira Barros Christopher Michael O'Donnell Matthew James O'Neil Daniel James Orr Seth Daniel Palermo Luke Deng Pan Jonathan Allen Patrick Alexander James Petras James Russell Plogman Noah Michael Pollack Mark Yue Herng Poon Carter Priolo Conner Propst Jiahao Oian Jonathan Radu Hunter Santiago Ramos Zachary Reynier Ramsey Sean Edward Randall Sajana Sathsara Ratnayake Emiliano Reyes Damon Keaton J. Rich Alexander Riese Clayton Russell John Thomas Sahhar Justin Joseph Saint-Amour Ryan Daniel Sampey Michael Alfonso Sanchez Johnatan Efren Alvarado Santos Evin Khalil Schmidt Leann Scott Hanyu She Daniel Nadav Shuster Danielle Mary Joan Yin Simonet Zachary Singer Brent Burnell Skabelund Eric Richard Slovak Jessica Smith Daniel Lee Stackhouse Doni Tapederi Jorge Tay Dustin James Taylor Trevor Clayton Taylor Aaron Thorp

Kenneth Allen Tobler David Joseph Tomè Anita Totillo Jorge Ernesto Valencia Ashish Basil Varghese Joshua Hunter Vaught Michael Patrick Vietze Nicholas Petar Vincetic Danny Van Vo Hailey Vohan Isabella Louise Webb Caroline Neale Weis John Robert Wenig II David Daniel Wieneke Chasen Lee Williams Jeffrey Scott Williams, Jr. Aaron Michael Williamson Joseph Austin Wilson Shengjie Xu Andrew James Yuds

MECHANICAL ENGINEERING (COMPUTATIONAL MECHANICS) Jeffrey Drew Buyse Christopher Ryan Garza Randee Lee Huffman MECHANICAL ENGINEERING (ENERGY AND ENVIRONMENT)

Jordyn Janelle Baxter Elizabeth W. Fox Cory Allan Jernigan Jazmin Sahar Kianpour Leo Lin Nathan McAdams Spencer G. Newman Victor Alexander Novelo Steven Pak Toupin Byoung Jin Yoo

MARY LOU FULTON TEACHERS COLLEGE (Established 1885 as the Arizona Territorial Normal School)

CAROLE G. BASILE, PHD Dean

IDA MALIAN, PHD Associate Dean, Academic Systems

PUNYA MISHRA, PHD Associate Dean, Scholarship and Innovation

> MEREDITH TOTH, PHD Assistant Dean, Digital Learning

SHERMAN DORN, PHD Director, Division of Educational Leadership and Innovation

BRENT MADDIN, EDD Co-Director, Division of Teacher Preparation Executive Director, Educator Workforce Initiatives

NICOLE THOMPSON, PHD Co-Director, Division of Teacher Preparation

MARY LOU FULTON TEACHERS COLLEGE CONVOCATION

2 p.m., Thursday, May 9, 2019 Wells Fargo Arena ASU Tempe campus

PROCESSIONAL

Grand Marshal Carole G. Basile

SPECIAL GUESTS

Dr. Ira A. Fulton Wendy Umbrianna

GONFALONIER

Paul Morrison (BAE, Secondary Education '19) ASU Alumni Association Outstanding Graduate

MASTER OF CEREMONIES Meredith Toth

THE NATIONAL ANTHEM

"The Star-Spangled Banner" — Francis Scott Key Performed by Mariana Barboza (MEd, Educational Leadership '19)

REMARKS

Carole G. Basile Dr. Ira A. Fulton Wendy Umbrianna

INTRODUCTION OF DOCTORAL GRADUATES

Sherman Dorn

INTRODUCTION OF MASTER'S AND BACCALAUREATE GRADUATES Brent Maddin

CLOSING REMARKS

RECESSIONAL

ABOUT MARY LOU FULTON TEACHERS COLLEGE

WHY WE EXIST

ASU's Mary Lou Fulton Teachers College creates knowledge, mobilizes people and takes action to improve education.

WHAT WE DO

We champion educators and education. Educators improve individual lives and strengthen civil society. Moment by moment, day by day and person by person, educators drive the most important and positive changes on the planet.

We operate academic programs for undergraduates, graduate students and professionals that focus on educator preparation, leadership and innovation.

We generate cross-disciplinary research that improves the lives of learners, the impact of educators and the performance of education systems.

We partner with schools and community organizations to test, refine and scale solutions to the tough problems in education.

HOW WE DO IT

We instill a core competency in socially embedded, data- and context-driven collaborative problem solving. We call it creative intrapreneurship.

Creative intrapreneurs:

- Ask the right questions
- Navigate uncertainty
- Design and test innovations as individuals and in teams

Through creative intrapreneurship, we bring people and ideas together to increase the innovation capabilities of individual educators, schools and organizations, districts and communities.

Learn more at education.asu.edu

MARY LOU FULTON (1933 - 2015)

Anyone fortunate enough to have known Mary Lou Fulton — to celebrate with her and take pride in students' accomplishments — is grateful to have had that privilege. So much of what we do at our college is an expression of her commitment to education and to providing the best possible opportunities for the greatest number of people.

Mary Lou said that, ever since she was very young, she was "in love with life." That's a perspective we hope all our graduates take with them into the next chapter of their lives and, especially, into their work with students.

Entrusted to manage an institution that bears the name of Mary Lou Fulton, all of us at the college strive to be worthy of her legacy. She will always be our inspiration to be the best educators we can be.

MARY LOU FULTON TEACHERS COLLEGE

BACHELOR OF ARTS IN EDUCATION

EARLY CHILDHOOD AND EARLY CHILDHOOD SPECIAL EDUCATION Giselle Maria Aguirre Fernanda Araujo Alexis Andrea Bellissimo Irene Louise Blanchard Jaylen Taylor Breeze Laila Monae Brown Kessley Ann Butler Bianca Alyssa Chisolm Kendra Rose Dowski Grace Elena Edwards Holly Marie Edwards Robyn Elizabeth Gaines Brandi Denise Goeth Lauren Grosch Alexandra Ann Henry Lauren Elizabeth Herzberg Michelle Joy Hessler Brisa Barbara Hoch Jennifer Lynn Honahnie Acajia Lubre Hunter Sabrina Jessica Jacobs Sierra Alexzandra Jauregui Marissa Kinigson Lindsey Marie LaMonica Aspen Carol Lantau Jamie Erin Larsen Justine Oneida Liebert Mishaela Elizabeth Littlefield Jenevie D. Luna Jemy Rae Mañalac Kristin Grace McGary Emily Claire Messman Kaitlin A. Minervini Esperanza Rene Montero Karina Emilie Moon Torey Kate Nelson Bailee Nicole Oden Jessica Marie Padilla Samantha Lynn Peckham Rebecca Jane Peterson Katherine E. Petrie Micaylla Rose Radford AnaLisa Ramos Karen Cristina Ruiz Misha Carolina Ruiz Anderson Lindsey Marie Salazar Cristina Alejandra Sanchez Nabil Sanchez Piper Lea Sandstrom Nicole Rita Yono Shotwell Madelyn Sophia Skopak Mckenzie Telford Rachel Teresa Torne Pamela Vargas Sabrynna-Annabelle Zoe Vasaure Melissa Lynn Wallace Annika Lee Weaver Kaitlyn Elizabeth Whaley Cara Nicole Williams Sharon Anita Worrell Bleta Ymeri

EDUCATIONAL STUDIES

Max William Aronovitz Christie Avery Jessica A. Batayola Kaitlyn Anne Bolton Melissa R. Bray Natalie Suzanne Brooks Robert Bryant, Jr. Tanya Burr Xi J. Cai Selena Kathleen Churley Mikaela Maria Coffelt Megan Ave Cranley

Rachel Milana Curtis Joanna Rose Diong Charissa Faith Dubin Audrey Marie Enz Meagan Patricia Epolite Tristan Jonathan Fatula Quentazia Finney Haleigh Michelle Forrest Mirian Garcia Zacharv H. Garvin Amanda Gomez AnaMaría Gómez Luisanna Granillo Randi Lynn Greder Molly Elizabeth Greshock Brenda Sue Gutierrez Abby Judith Harris Cecilia Herriage Sierra Kristine Heywood Jacquelin Marie Kaercher Kristin Nicole Karnas Elizabeth Anastasia Krebs Jocelyn V. Kyle Karly Labass Ashleigh LaMountain Sojeong Lee Matthew Richard Logelin Vanessa Jacquelin Magallon Opal Sheryl Manhertz Heidy Martinez David Sawyer Martoglio Stephen Matos Amber Nicole McFarland Chasen Koby Meirovits Karli Nicole Morgan Melissa Anne Neil Kathryn Michele Penner Kara Pyland Mario Ramos, Jr. Rashelle Celeste Rehms Amber Jean Risius Angela Marie Robinson Kaitlyn Nicole Rogers Pamela Sager Caitlin Savage Olivia Setka Hannah Steele Annawade Meris Stevenson Kendall Taylor Stewart Samantha Ashley Valenzuela Mackenzie Anne Vericolli Tessa Reagan Vilte Amanda Rachel Waller Huawei Wang Courtney Alanna Weinberg Rebecca Werbach

Dallas Nichole Wilson Pingping Xiao Yiqin Xu Eri Yamamoto

EDUCATIONAL STUDIES (EARLY CHILDHOOD EDUCATION) Rose Jean Nez

ELEMENTARY EDUCATION

Kalvnn Marie Alicata Chase Douglas Anderson Amanda M. Ashlev Shannon Rebecca Ashmore Alyssa N. Balga Victoria Lyn Bang Ashley Marie Barber Cassidy Michele Bayda Rachel Blome Taylor Jo Bond Sierra A. Brewer Scarlett Bridges Teresa Figueroa Cabrera Haley Marie Camarena-Swanson Gabriel Paul Chavez Katherine Ann Christopherson Hannah Victoria Combs Erin Conrov Sonia Edith Contreras Sandra Couch Andrea DeMondo Claudia Marie Droge Michelle Dunlap Mackenzie Leigh DuVall Marissa Christine Fenton Megan A. Ferris Megan Rene Florendo Terra Jasmin Fowler Kent William Gabel Wendy Berenice Alanis Garcia Melissa Kate Geffken Katelyn Marie Gerressen Anais Victoria Gilder Delaney Guffey Kendall Donnellan Hagerty Fatima Inayah Hasan Gwendolyn Noel Herman Payton Renee Hiscok Rachel Ann Hoeck Madison Joan Hoobler Kimberly Idso Nour Tahreer Jawad Laura Antonia Jenner

Lucia Jimenez Kelly Allison Kline Sabai Kongjai Courtnie Margaret Love-Sorrell Mikayla Sakayo Kauinohea Lum Corissa Ann March Rachel Lynn Mazella Jennifer Yong Michels Abigail Morales Joana Gabriela Morales Miranda Michelle Munch Elizabeth Murillo Nayrubi Isabel Nunez Nicole Annemarie Olson Fatima Parra Jimenez Kaitlynne Renee Paul Mackenzie Elizabeth Pickering David B. Rachel Jessica Christine Reigel Shelby Lynn Rini Sade Rivera Elisa Samano Dylan Thomas Sievert Haley Madrieene Silvestro Shannon Taylor Smith Serra E. Spargo Brooke Michelle Staniforth Andrea Sterry Peyton Alyssa Stevens Sara Paula Taylor Haley ten Hope Alexis Nicole Thetsy Taylor Thompson Madelyn Nicole Vermeesch Alyssa Marie Wagner Amanda Nicole Wells Karley Lynn Wietharn Deijon Marie Williams Jessica Zerr Christy Zou

ELEMENTARY EDUCATION (BILINGUAL EDUCATION/ENGLISH AS A SECOND LANGUAGE)

Cinthia Angelica Garcia Argueta Christina Angelica Court Aaron Joseph Estes Lydia Alexis Flores Maria Alejandra Fuentes Akiko Ishida Cristal Martinez Monica Maria Martinez Delaney Breann McLallen Melissa Caryn Mercado Rachael Edda Moore Yvanna Morales Brittany T. Orsborn Genesis-Hedid Orejel Rojas Jennifer Roman

ELEMENTARY EDUCATION (SCIENCE, TECHNOLOGY. ENGINEERING AND MATHEMATICS) Savannah Nicole Bloom Cathy Ann Caruso Danielle Michelle Edges Clarissa Enriquez Kali Marie Guest Amanda Marie Hoyman Lyndy Lee Hunt Scot Johnson Chloe Louise Johnston Esperanza Elisabet Collins Lopez Nicole Lynn Maier Nicole Elizabeth Schott Rebecca Lynn Trisko Emily Marie Walicki Julio Enrique Yac

SECONDARY EDUCATION

Talia Ireland Baca Adahli Cabrera Tawneel Loree Cook Lauran E. Enquist Steven Javier Garcia Alyssa Michelle Griffin Verlynne Perry Hincha Michelle Lemus Tyson Scott Mckee Lea Terese Patek Tiffany Miya Ruby Kamron Wynne

SECONDARY EDUCATION (BIOLOGICAL SCIENCES)

Kristin Adair Angela Mary Ashton Katrina Sue Eager Michael Akira Fujimori

SECONDARY EDUCATION (CHEMISTRY)

Michael Paul Duranczyk, Jr. Paul Andrew Morrison

SECONDARY EDUCATION (EARTH AND SPACE SCIENCES) Samantha Flagg Colton Holmes Zachary D. Skogen

SECONDARY EDUCATION (ECONOMICS) Tyler Chase

SECONDARY EDUCATION (ENGLISH)

Azucena Esmeralda Garcia Barcenas Jenna Nicole Brooks Michaela Ann DiCicco Aiyanna Fernandez Jasmine Fernandez Courtni Almarie Gardner Diana Chavez Gaucin Alexandra Glow Emily Marie Graham Jessica Emily Guerrero Stormy Rodriguez Haffey Nadia Elena Hernandez Mirina Renee Higginbothan Hailee Anne Hopkins Federico Luis Irizarry Brvan James Kinsman Tabitha Ann Leonard Madison Danielle

Long-Blanchard Darian Paige Miller Samuel Ortiz Rinka Moon Randall Aubrey Leigh Rychen Drew Sullivan Zein Sy Bonita Linn Vidaure Mary Winters

SECONDARY EDUCATION (FRENCH) Eduardo Salazar, Jr.

SECONDARY EDUCATION (HISTORY) Tess Marie Alexander Brian Ernesto Valencia Arvizu David Bryant Barr Barry Douglas Bock Leland J. Clement Justin Scott Close Danielle June Conklin Melissa Cotsonas Shannon Nicole Daniel Hannah Davis Sabel Shea Diskin Melody Eileen Estorga Alma Velia Estrada Kaitlin Leigh Fincher Ryan Hooton Rachelle Hughes Ari Kaufman Matthew Maloney Beau Margeas Antonio Cesar Mitchell Ryan Kenneth Mitchell Amir Raad Muhialdin Robert Niemann Mitchell William Pinda Jacob Ramirez Allison Louise Reestman Jackson Roberts Trenton Louis Schmit Seth Brian Schreffler Jacob Noah Selden Lukas A. Sheets Zoe Anne Smith Lauren Taylor Stark Dustin Lee Sweet Shaye Sweet Samuel James Tzakis Sabrina D. Wasem

SECONDARY EDUCATION (MATHEMATICS)

Breana Remedios Acosta Brittanie Angelique Campos Angela Gilda Dunay Quentin Michael Grill Rachel Lorelei Pietrzak Samantha Jo Schutkowski Rowan Elisabeth Stewart Megan Danielle Thomas Kevin Torres Elizabeth Janeann Van De Moere Mayelly Vargas Shelby Jordan Weiss Justin David Wright Karen N. Yanez

SECONDARY EDUCATION (PHYSICAL EDUCATION)

(PH I SICAL EDUCATION) Katya Beatriz Blanco Amaro Jesus Campa, Jr. Alberto Adrian Escobedo III Michael Ryan Foster Jared Michael Gaskin Carlee Elizabeth Hakes Katherine Hill Moriah Faith Johnson Levi Lemaster Brandon W. Lyons Alexis Edgardo Martinez Casey James Reynolds Trevor Patrick Rogers Lauren Amanda Shirley Breonna Winn Tah

SECONDARY EDUCATION (POLITICAL SCIENCE) Kyle Stinemates

SECONDARY EDUCATION (SPANISH) Ana Laura Bev

Ana Laura Bey David Martinez Montenegro

SPECIAL EDUCATION AND ELEMENTARY EDUCATION

Betsy Aguilar Adrianna Nicole Armenta Monica Dawn Armijo Courtney Arredondo Mvranda O. Banos Taryn Leigh Barnstead Alicia Barraza Carli Brown Daniel Ellis Byron II Tiffany P. Cannon Moesha Brandie Crawford Samantha Leeann Daly Danyelle Erin DeAugustine Carissa Ashley Felix Alyssa Ferrallo Jordan Rae Ferrell Megan Maloney Frager Amanda Nicole Frank Ariella Ina Funch Rachel Carmen Galindo-Perez Trina Ganatra Isabella Garcia Maia Starr Garcia

Caitlin Louise Harrison Natalie Jane Hole Michael Angelo Imperial Jason Thomas King Andre Langlois Rhonda Lee Dannica Anne Lyon Emily Margaret Maas Julia Elizabeth Maisel Clare Anne McHale Natalie Alexis Mendoza Kayla Camille Miller Mia Odelia Molina Nerissa Alexia Monzon Patrick Benjamin Murillo Shawneya Mariah Murphy Sarah Ann Oblinger Danielle Marie Ondrejech Regina J. Peralta-Castorena **Rylie Elaine Perkes** Kaitlynn Rae Rafidi Marina Nataly Barajas Ramirez Daniel David Ramos Alyshia Riggs Natalie Shea Rudolph Kayla Rose Ruiz Alondra Marlet Saldana Abigail Elise Schepps Alexandra N. Schuler Jordan Michelle Schwab Angelique Natalia Scott Nicole Marie Shelley Elizabeth Jean Sinicrope Carolina Maria Siulok Samantha Lee Soisson Paola Soria Ashley Steiner Brittany Denise Studer Anglie Christena Tamayo Autumn Betty Taylor Ellen Maria Tischendorf Sloan Tomasello Jennifer Frances Tripp Charlee Joan Vandenberg Ivanna Raquel Vargas Laura Jane Vickers Ryan James Vincent Samantha Barbara Weeman Tongtong Wu Wendy Ann Wyatt Jamie L. Wvckoff Cynthia Fiorella Zuin

NEW COLLEGE OF INTERDISCIPLINARY ARTS AND SCIENCES (Established 1984)

TODD SANDRIN, PHD Vice Provost and Dean

LARA FERRY, PHD Associate Dean

PATRICIA FRIEDRICH, PHD Associate Dean

LOUIS MENDOZA, PHD Director, School of Humanities, Arts and Cultural Studies

STEPHEN WIRKUS, PHD Interim Director, School of Mathematical and Natural Sciences

SCOTT BARCLAY, PHD Director, School of Social and Behavioral Sciences

NEW COLLEGE OF INTERDISCIPLINARY ARTS AND SCIENCES CONVOCATION

7:00 p.m., Thursday, May 9, 2019 Comerica Theatre, Phoenix

MASTER OF CEREMONIES

Charles St. Clair School of Humanities, Arts and Cultural Studies

PROCESSIONAL

Phoenix Pipe Band

Bell Ringer

Courtney Gutierrez

Flag Bearer Austin Clements

College Marshal

James Chadwick Johnson Associate Professor, School of Mathematical and Natural Sciences

FLAG PRESENTATION

ASU Air Force ROTC

THE NATIONAL ANTHEM

"The Star-Spangled Banner" — Francis Scott Key Performed by Dakota Hamm-Villaneuva

MASTER OF CEREMONIES

Charles St. Clair, School of Humanities, Arts and Cultural Studies

ALUMNI ASSOCIATION

REMARKS Todd Sandrin, PhD, Vice Provost and Dean

> STUDENT SPEAKER Alicia Sandoval

OUTSTANDING UNDERGRADUATE Jordan Garcia

OUTSTANDING GRADUATE Hayley Seely

RECOGNITION OF BARRETT HONORS GRADUATES Ramsey Eric Ramsey, PhD, Associate Dean

RECOGNITION OF HONOR GRADUATES

Todd Sandrin, PhD, Vice Provost and Dean

INTRODUCTION OF MASTER OF ARTS IN COMMUNICATION STUDIES GRADUATES Lindsey Meán, PhD, Director, Master of Communication Studies

INTRODUCTION OF MASTER OF ARTS IN ENGLISH GRADUATES

Louis Mendoza, PhD, Director, School of Humanities, Arts and Cultural Studies

INTRODUCTION OF MASTER OF SCIENCE IN FORENSIC PSYCHOLOGY GRADUATES Nicholas Schweitzer, PhD, Director, Master of Forensic Psychology

INTRODUCTION OF MASTER OF ARTS IN INTERDISCIPLINARY STUDIES GRADUATES Stefan Stantchev, PhD, Director, Master of Interdisciplinary Studies

INTRODUCTION OF MASTER OF SCIENCE IN PSYCHOLOGY GRADUATES Kristin D. Mickelson, PhD, Director, Master of Psychology Julie Murphy Erfani, PhD, Director, Social Justice and Human Rights

INTRODUCTION OF BACCALAUREATE GRADUATES Presented by

Louis Mendoza, PhD, Director, School of Humanities, Arts and Cultural Studies Stephen Wirkus, PhD, Interim Director, School of Mathematical and Natural Sciences Scott Barclay, PhD, Director, School of Social and Behavioral Sciences

Readers

Diane Gruber, PhD, Senior Lecturer, School of Social and Behavioral Sciences and Barrett, the Honors College

> Julie Amparano, MFA, Senior Lecturer, School of Humanities, Arts and Cultural Studies

ALMA MATER – ARIZONA STATE UNIVERSITY Music and Words by Ernest Hopkins and Miles Dresskell

RECESSIONAL

Phoenix Pipe Band

MESSAGE TO THE NEW COLLEGE GRADUATES

Congratulations on your extraordinary achievement! The faculty and staff of New College offer our sincere best wishes for your continued personal and professional success. We all look forward to seeing your work in the world; we know you will make your mark as an ASU New College graduate. Today, you join a prestigious body of New College and ASU alumni who have shared in some of the same remarkable experiences. Please stay in touch with us by joining the ASU Alumni Association, so we can continue to celebrate your triumphs and share the journey of our new students with you. You can take advantage of special new graduate membership rates and become an active member of the ASU Alumni Association at www.asu.edu/alumni.

ABOUT THE NEW COLLEGE

The New College of Interdisciplinary Arts and Sciences offers a nationally unique environment: a small college experience with the power of ASU's major research university resources. Working one-on-one with our cutting-edge faculty—often through our New College Undergraduate Inquiry and Research Experience program (NCUIRE), our students reshape the boundaries of knowledge in their fields of study. This prepares them for a future of reshaping the world outside of ASU.

New College was founded on a "new" way of thinking about the academy. Instead of reproducing the intellectual silos that separate fields of study in other institutions, our programs have been structured on the notion that if we break down the barriers between fields, we can think in more innovative ways, do more path-breaking work, offer more effective solutions to real-world problems. From our Interdisciplinary Arts and Performance degree that teaches students many forms of artistic expression and then asks into what mode a concept should be born; to our Forensics degree that brings together fields including chemistry, psychology, and legal studies; to our Social Justice and Human Rights degree that explores sociological, historical, and contemporary cultural analyses of the issues, New College offers educational experiences that transcend more limited ways of thinking about the world.

The mission of New College is to prepare students to succeed in a globalized, diverse economy by providing them with solid disciplinary foundations that are coupled with an ability to think and act constructively across disciplines to discover answers to the complex problems that face society today and to create civic and economic well-being, within contexts ranging from the local to the global.

New College's programs build on the philosophy that inter-, multi-, and transdisciplinary education enhances our graduates' ability both to address the needs of business, industry, schools, and communities of this region and to meet the challenges of the twenty-first century. New College's Bachelor of Art and Bachelor of Science degrees include: American Studies; Applied Computing; Applied Computing-Cybersecurity; Applied Mathematics; Applied Science; Biology; Biology–Pharmacology/Toxicology; Biotechnology and Bioenterprise; Communication; Computational Forensics; Conflict Resolution; English; English-Secondary Education; Environmental Science; Ethnicity, Race and First Nations Studies; Forensic Science; History; History–Secondary Education; Interdisciplinary Arts and Performance; Interdisciplinary Arts and Sciences; Latin American Studies; Pharmacology/Toxicology; Philosophy, Religion and Society; Political Science; Psychology; Psychology–Forensic Psychology; Psychology (Online); Social and Behavioral Sciences; Social and Cultural Analysis; Social and Cultural Analysis—American Studies; Social and Cultural Analysis—Ethnicity, Race, and Indigenous Studies; Social and Cultural Analysis-Latin American Studies; Social and Cultural Analysis-Peace Studies; Social and Cultural Analysis-Queer and Sexuality Studies; Social and Cultural Analysis-Women and Gender Studies; Sociology; Spanish; Statistics; and Women and Gender Studies. New College offers Master of Art degrees in Communication Studies, English, Interdisciplinary Studies, Social Justice and Human Rights, and Social Technologies and Master of Science degrees in Biological Data Science, Psychology, Forensic Psychology and a PhD in Law and Psychology.

NEW COLLEGE OF INTERDISCIPLINARY ARTS AND SCIENCES

BACHELOR OF APPLIED SCIENCE

Leopoldo López Skyler Eugene Palmer Lucretia Leandra Romano Breanna Rose Schoonover Brandon William Siebert Sean Edward Sipes Raymond Lindsey Strub

BACHELOR OF ARTS

Mark Aaron Enriquez

BIOLOGY

Katarina Isabel Acosta Jason Isaac Barman Aida Duric Nestazia Nisa Khamis Cody Miller Jason L. Morfin Jenifer Nguyen Nader Halem Salama Ayanna Shambe Shauny Tyson

COMMUNICATION

Katherine Ann Archer Natalie Arreola Tatum Marie Biciolis Benjamin Suad Cenanovic Alec Nicholas Cerrillo Darbie C. Hall Wyatt Henry Haynes Gorica Jovic Sara Rachada Kalaoram Nicole Marie Arroyo Kohn Randallyn Akemi Noelani Kojima Fernando Lozano Kurtice Lee Maguire Tyler A. Martinez Joseph Mona Gabriella Montagnino Sanhareb Quryo Nano Aleksandar Opachich Sierra Raquel Perez Alyssa Marie Rodarte Jaseny Del Carmen Roldan Fred David Short Liyba Tauheed Alicia Julynn Tittle

ENGLISH

Katherine Ann Archer Lee Michael Breisblatt Paul Robert Carey Cassandra Ekblad

Jesus Daniel Espinoza Morgan Briann Hoper Ashtar Nicole Mikhail Lily Rae Newcomb Rachel Jessica Passer Anjanette Rochelle Reed Addison Nicole Rizer Sabrina Sanchez Makenzie Taylor Sparks Bria Elizabeth Thompson Tara Athlyn Thompson Kristina Vasic Kristin L. Wesson

HISTORY

Austin Jacob Clements Amanda Grace Feck Cesar Arturo Torres Gonzalez Thomas Brandon Harris Andrew Dale Landers Alex Lipschutz Elizabeth Murray Kevin Jay Penich Tara Katherine Slade Clara Amelia Valdes

INTERDISCIPLINARY ARTS AND PERFORMANCE Tiff Gibbs Esmeralda Lechuga-Gutierrez Andrew George Mork Kylie Weinzierl

INTERDISCIPLINARY ARTS AND SCIENCES Angelita Cobbs Alexandra Leigh Giglio Larry James Himes, Jr. Emily Louise Mack-Maulupe Miranda Rae Meisenbach Kathleen Ann Okelly Hannah Grace Schlageck PHILOSOPHY, RELIGION AND SOCIETY Brenden Allen Rosenthal Ulbert Ulama Maming Tugung III

POLITICAL SCIENCE

Majed Mohammed A Alqifari Kori Brown Ericka Vanessa Galarza Jordan Marie Garcia Claire Joy Goldberg Yerena Hernandez Andrew Dale Landers Lachandra Minnick Christopher Alan Poage Nina Mary Pole Shiloh Schardt Stephanie Amairani Vázquez Salas

PSYCHOLOGY

Cassandra Rose Adams Kelsi Adams Maria Berenice Allande-Ortiz Amy Anderson Kelly Andrade Kaylee Andrews Vanessa Marquez Aragon Megan Armstrong Skylar Marie Arndt Brandy Lynn Ashworth Samantha Elizabeth Barraza Celeste B. Bartlett Claire Elizabeth Bellock Madeline Elizabeth Bever Lisa Marie Biel Adela Bjelobrkovic Robert Brian Blakely Julia Boenzi Torri Jean Boldenow Sarah Boyd Desaray Brault Samantha Renae Brooks

Marci Lynn Brown Brent L. Brumbaugh Morgan Lester Bunge Kathleen M. Caise Constance Elizabeth Cantwell Kasey Jordan Cardile Guilherme Lisboa Araujo Cavalcanti Eric Chischilly Elizabeth Crouther Toni Dee Culpepper Natalia Nicole Cyngier Jonna Christine Daull Jennifer Inez Davis Annamarie Katy Dawson Rosa Maritza Quinones Diaz Nicole Donlea Amy Tamura Drummond Amanda Dawn Elam Lora Lynn Erickson Makenzie Eyzaguirre Rayann Fakhoury Mark Fassam Milaija Lachelle Ford Chailah Formon Joel D. Foster Edward Joseph Fricke Michael Gallardo Amalea Giannopoulos Hannah Elizabeth Gibson Emily Mae Glaser Cecilia Guardado Briana Marie Gutierrez Cessiley Nicole Haderlie Haley Anne Harrison Anteshia Nicole Hase Kyla Zenobia Hawkins Paige Nicole Henry Sara Elaine Hodgkinson James Robert Holly Mackenzie Ariel Horn Christina Elaine Hourany Alyssa M. House Melissa Danielle Hovland Kristine Hutchinson Amber Alexis Jaime Heather Lynne James Kevin Lee Jasso Keara Dawn Jervis Katrina Leann Johnson Lauren Sachiyo Kulia Johnson Nicholle Johnson Nicole Catherine Kalmonson Carla Marshan Kelch-Porter Wendi Elisabeth Killian Leanna Kratzer Dylan La

Megan K. Hammond Langley Bethany Leger Shalamo Leviyev Kenia B. Lopez Emily Rose Lyons Shaghayegh Majidi Kaylyn Elizabeth Malone Lori Yoshiko Mamiya Alexandra Juliet Mcclean Abbigail Lynne Mcgowan Stormie Mikayla McPherson Megan McSheffrey Alex Michael Mills Amanda Marie Miranda Taylor Miranda Jordan Michael Murphree Maria Celeste Navarro Jeannie M. Nissen Cheyanne Nystrom Jamie Renee Olsen Liliana Denisse Ortiz Kristine Ostrander Vanessa Palos Stephen Paul Brianna Nicole Peral Sydney Taylor Phillips Tanner Colegrove Phillips Krystal Rene' Purdum Kirsten Alayna Ransdell Melissa Ann Reich **Baylie Rieschl** Jennifer Ann Rizzo Rachel Lynn Robison Laura Nicole Roehrich Michelle Echavarria Rosales Lindsey Paige Rose Niki Rose Sarah Michelle Sant Desidario Alonso Santana Nyvelle Cheyenne Scales Ashlee Ann Schuck Ursula Mercedes See Kasie Marie Ann Shawver Kaylee Lizabath Skinner Marshall Wade Skrimager Simone Marie Sohk Heber Sorenson Honori Sotelo Michael Tilton Spears Kirsten Nicole Spencer Katriel Victoria Spiker Chelsea Teel Nicole Marie Tess Alexis Marie Thomson Elena Marie Thormählen Briana Tilden Troy David Tobaben

Gustavo Tovar Rachael Uchison Eugenio Eduardo Velasquez Sunny Vo Vanessa Michelle Webber Sharon Anne Wentz Brian Christopher Williams Carly Faith Wilson Kayla Kirstie Yoder Jessica Zenda

PSYCHOLOGY (FORENSIC PSYCHOLOGY)

Karina Abigail Cangas Scarlet A. Carpenter Matthew Kenneth Cox Angelique Areane Keaton Gianna Parlich Jake W. Plantz Emmaline Rodriguez Kiersten Brook Simpson Guadalupe Martinez Varela

SOCIAL AND BEHAVIORAL SCIENCES Deborah Eynatian

SOCIAL AND CULTURAL ANALYSIS (AMERICAN STUDIES) Kaitlynn Nicole Reeves

SOCIAL AND CULTURAL ANALYSIS (PEACE STUDIES) Ashden Erick Madison Sara Neves Pereira

SOCIAL JUSTICE AND HUMAN RIGHTS Yesena Naomi Gutierrez

SOCIOLOGY

Julio Cesar Chafino Betancourt Brandon Ray Cook Lonna Marie Lloyd Sara Jean Regh Darinda Marie Stallings

WOMEN AND GENDER STUDIES Ayanna Shambe

APPLIED COMPUTING

Sergio Jimenez Bingqing Wang

APPLIED MATHEMATICS

Javier Carmelo Urcuyo Acevedo Jacob Michael Anderson Yimin Cui Oscar Laurence Goodloe Manuel Onorato Sandoval Madrigal Mario Alberto Ornelas

BIOLOGY

Sanar Salim Abidali Javier Carmelo Urcuyo Acevedo Ahmed M. Al Ezzi Hannah E. Allen Tara Nicole Andrews Alvssa Azuma Austin Michael Brock Christopher Carty Calvyn M. Clatanoff Cassidy Ann Cosgrove Christopher E. De Tranaltes Andres Juan Lopez Francisco Tanya Gabrielyan Yesenia Hernandez Breanna Susanne Hormann Hailey Tyann House Stephanie Ann Huff Fatima J. Ibrahim Ashley Lyn Imura Susan Karoubi Meagan Lenae Kidd Kyla Monique Kleman Chelsea Landin Joshua Lazau Kevin Baruch Lizarraga Yandy Garcia Martin Ashley Rose Mazur-Williams Arezou Mobramaein Claire Elizabeth Moen Grant Anthony Moen Aidee Nava-Cabrales Dustin Khang Nguyen Hagop Ohannessian Catherine Toluwalope Oladoye Zarpana Maiwand Olumi Evan Christian Riggert

BACHELOR OF SCIENCE

Natali Guevara Rodriguez Rafael Rodriguez, Jr. Harcharan Singh Natasha Rayne Snider Lourdes Yesinia Torres Vivian Tran Martin Velazquez Arial Elizabeth Wagner Kyle Ward Steven Ricardo Zamora

BIOLOGY (ENVIRONMENTAL SCIENCE) Alyxandra Nicole Rich

BIOLOGY (PHARMACOLOGY/ TOXICOLOGY) Biyi Deng Lauren Danielle Esquibel Maggie Faye Hathcoat Miguel Carlo Miranda

COMMUNICATION

Dallin Micheal Carrel Thomas William Collyer III Brianna Lisette De Arcia Lance T. Elliott Vance T. Elliott Bobbi Anabelle Gracia Lauren Elaine Heimbach Andrew Christian Miller Mackenzie Mollohan Elizabeth Christine Richards Megan A. Rogers

ENVIRONMENTAL SCIENCE

Yuribia Arroyo Paul A. Cattelino Georgina Michelle Kennedy Peggy Lam Diego Lopez Michael Lore Shire Autumn Baye Summers Rhiannon Tara Watkins

FORENSIC SCIENCE

Alexandra Josephine Arroyo Edward Carl Chappell III Emilie Irene Cooke Cecilia Flores Fernandez Alyssa Mariah Fierro Sydney Erin Goodall Amanda K. Kephart AmberCherie Lasala Mary Rachel Mani Nicole Oaida Bethany Maureen Pittman Michaela Jeanet Rolls Alicia Rose Sandoval Natasha Ravne Snider Sarah Catherine Sprinkle Sara Leigh Steele Kaylin Ruth Sweeney Marissa Nicole Tibbitt Amanda Rae Triboulet Amava Elizabeth Webster Cydnee Alexandra Wolfe Felicite Janiece Woods

PHARMACOLOGY AND TOXICOLOGY Margarita Petrosyan

POLITICAL SCIENCE

Joshua Ian Bernard Martin Ivanov Ashley Rose Mazur-Williams Anders Jacob Moen Robert Joseph Oliver Richard Michael Sharer Andrew J. Soich Danny H. Wright

PSYCHOLOGY

Sarah Marie Adams Cindy Michelle Armenta Lindsay Ku'ulani Aubrey BayLee Morgan Barnard Jayce Daniel Bolen Jeffrey Thomas Burger Amber Cheney Daniel Contreras Cardoso Ryan P. Cook Brianna R. Cooper Westley Scott Copeland Alexi Miki Coronado Tyler Edward Cowan Sydney Ann DeJoy Rebecca Michele Derheim Yazeed Dinaully Sarah Lynn Eastom Eric Christopher Ellis, Jr. Matin Ali Esfandiari

Mikaela Rose Fitzgerald Rachel Marie Fuson Sarah Alderete Garcia Amanda George Kristina Marie Giorandino William Gray Cory J. Greer Phylicia Marie Hedstrom Maria Del Carmen Hernandez Breanna Susanne Hormann Shanna Rene James David Burton Jarrett Yolanda Brooke Juniel Hannah Kang Steven Landaverde Stephanie Anne Lewin Brandon Lippens Cydney Nicole Louis Kristen Elizabeth Lucero Melissa Maddocks Ana Maldonado Gustavo Fonzar Marinelli

Jennifer Eleanor Martinez Merrie Elizabeth McGee Casey Cay McNeil Alicia Victoria May Melendez Claire Elizabeth Moen Michael Angel Monje Samantha Montgomery Susanna Snow Morris Jeffrey W. Nightingale Omar Alejandro Reynolds Alyssa Marie Rodarte Jessica Snyder Johanna Emilia Impala Svensk Cassidy Marie Swiatowiec Evan Tyler Targioni Gelila S Tesfu Alexis Renee Torbert Skyler Tucker Tuholsky-Froke Marissa Ann Widener Allison Zavala Shakib Zegar

PSYCHOLOGY (FORENSIC PSYCHOLOGY)

Julia Michelle Fetla Taylor Lynn Gonzalez Justine Ashley Hauver Caitlyn King Reid Elizabeth Lyscio Andrew J. Margason Brittany Marie Perry Kristen Eva Riggs

SOCIOLOGY

Jakob Andrew Salazar Tina Lucille Sanchez

STATISTICS

Jena Johanson An Quoc Vo

SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY (Established 2015)

DAVID H. GUSTON

Founding Director & Professor, School for the Future of Innovation in Society; Co-Director, Consortium for Science, Policy & Outcomes

SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY CONVOCATION

4:00 p.m., Tuesday, May 7, 2019 Reception to proceed convocation at 5:00 p.m. Galvin Playhouse ASU Tempe campus

PROCESSIONAL

MASTER OF CEREMONIES

Jameson Wetmore Associate Professor

WELCOME REMARKS

David H. Guston

GRADUATE STUDENT CONVOCATION SPEAKER Nate Wade, PhD Human and Social Dimensions of Science and Technology

OUTSTANDING GRADUATE

Nathalie Mokbel Master of Science in Global Technology and Development

UNDERGRADUATE STUDENT CONVOCATION SPEAKER Jaideen Cobb Bachelors of Science, Innovation in Society

OUTSTANDING UNDERGRADUATE

Jaideen Cobb Bachelors of Science, Innovation in Society

PRESENTATION OF GRADUATE CANDIDATES

Gary M. Grossman Associate Director for Programs and Associate Professor

CLOSING REMARKS

RECESSIONAL

ABOUT THE SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY

Established in 2015, the School for the Future of Innovation in Society educates new generations of students to make innovation the object of systematic study. With our interdisciplinary faculty, students study the promises and challenges of new technologies and the big ideas that change our lives each day, and they explore how decisions we make today about innovations will transform the world around us. We see our efforts and those of our students as part of a larger social fabric – local, regional, national, global – that informs our wants and needs about innovation. We are planning now for the kinds of futures that we want to inhabit. More information can be found at sfis.asu.edu.

SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY

BACHELOR OF ARTS

Sidney Eugene Ford, Jr.

Ryan Wilson

BACHELOR OF SCIENCE

Victor Sarat Catalan Jeffrey Orion Chapin Justin Daniel Goodman Jordan Ben Kari Paul Millea Gianna-Maria Katrina Parisi James Spisak

SCHOOL OF SUSTAINABILITY (Established 2006)

CHRISTOPHER G. BOONE, PHD Dean and Professor, School of Sustainability Professor, School of Human Evolution and Social Change Senior Sustainability Scientist, ASU Wrigley Institute

SCHOOL OF SUSTAINABILITY CONVOCATION

4:30 p.m., Thursday, May 9, 2019 ASU Gammage

PROCESSIONAL

MASTER OF CEREMONIES

Jeffrey Jennings, MSTP President, Alumni Board, School of Sustainability Sustainability Project Coordinator, Arizona Public Service (APS)

WELCOME

Christopher G. Boone

HONORED GUESTS School of Sustainability Faculty

STUDENT CONVOCATION SPEAKERS

PRESENTATION OF GRADUATE CANDIDATES

J. Marty Andries, PhD Professor and Graduate Director, School of Sustainability Professor, School of Human Evolution and Social Change

> Sonja Klinski, PhD Assistant Professor, School of Sustainability

PRESENTATION OF UNDERGRADUATE CANDIDATES

Candice Carr Kelman, PhD Assistant Director, School of Sustainability Affiliated Faculty, School of Sustainability

CLOSING REMARKS

RECESSIONAL

ABOUT THE SCHOOL OF SUSTAINABILITY

Established by the Arizona Board of Regents in 2006, the nation's first School of Sustainability is now in its second decade educating a new generation of scholars and practitioners. It creates innovative modes of scholarship by bringing together leaders, stakeholders and people from multiple disciplines to develop practical solutions to the most pressing sustainability challenges.

The school offers graduate programs leading to Master of Science, Master of Arts, Master of Sustainability Solutions, Master of Sustainability Leadership, Executive Master of Sustainability Leadership and Doctor of Philosophy degrees in sustainability, as well as undergraduate programs leading to Bachelor of Science and Bachelor of Arts degrees in sustainability. Degree programs focus on collaborative learning, transdisciplinary approaches and solution-oriented training to address sustainability challenges relating to areas such as energy and materials, water, ecosystems, urbanization, international development, social transformations, climate and food systems.

The School of Sustainability is a unit of the Julie Ann Wrigley Global Institute of Sustainability — the hub of Arizona State University's sustainability initiatives and the world's most innovative sustainability laboratory. The institute advances solutions, engagement, education and research for a better world. Both the school and the institute initiate and nurture work on issues of sustainability across the university and collaborate with other academic institutions, governments, businesses and industries, as well as community groups locally, nationally and globally. To learn more, please visit sustainability.asu.edu and schoolofsustainability.asu.edu.

SCHOOL OF SUSTAINABILITY

BACHELOR OF ARTS

Mackenzie Zoe Agosta Julia Kathleen Beatty Samantha Jade Bishop Melissa Marie Dobroski Skyliana Idelle Dosier Christiana Jazmyn Fleming Teddy Gonzalez Jordan Ryan Hancock Tess Hotchkiss Peyton Alexandra James Elyse Nicole Kats Casey Nicole Kennedy Huda Khalife Josephine Nicole Kinsey Gillian Ann Macchia Omar Sanchez Marquez Dana Delaney Martin Tatyana Valerie Plummer Emily Eva Powell Maryam Balqis Binti Abdul Rashid Rachel A. Shultis Huasiqi Tang Nathaniel Dale Thrash Oksanna Noelle Wildrick Tsz Chung Wong Jillian A. Ziebell

BACHELOR OF SCIENCE

Alison Jane Almand Chloe Xian Cardone Austin Matthew Crane Kara J. Davis Jacob Charles Eberspacher Grant Falvo Heather Lee Harrenstein Bailey Ann Howard Tyler Robert Kamphefner Braedon Kantola Katelyn Keller Melanie Koenig Kevin Michael Lane Hanna Layton Careen Shanice Lewis Tyler Jakob Micek Paul Millea Baili Nichter Jacob Drew Paige Jennifer Patterson Haley Frances Penny Matthew G. Rodriguez Christopher Patrick Ryan Matthew C. Seelig Tara Severance Mikka Andreas Suhonen Ryan Chin Taylor Sawyer M. Treese

THUNDERBIRD SCHOOL OF GLOBAL MANAGEMENT (Established 1946)

SANJEEV KHAGRAM, PHD Dean & Director General

THUNDERBIRD SCHOOL OF GLOBAL MANAGEMENT CONVOCATION

10:00 a.m., Tuesday, May 7, 2019 Comerica Theatre, Phoenix

Thunderbird School of Global Management Master's Degree Candidates listed on pages 82-83

PROCESSIONAL

PARADE OF INTERNATIONAL FLAGS

WELCOME

DEAN'S ADDRESS, OATH OF HONOR AND MILITARY RECOGNITION Sanjeev Khagram, PhD Dean and Director General

STUDENT CONVOCATION AWARDS AND SPEAKERS

FACULTY CONVOCATION AWARDS

HONORED GUEST AND KEYNOTE SPEAKER

Ms. Kim Williams '92 Executive Vice President and Chief Financial Officer Warner Bros. Entertainment

PRESENTATION OF CANDIDATES

CLOSING REMARKS

RECESSIONAL

ABOUT THUNDERBIRD SCHOOL OF GLOBAL MANAGEMENT

Thunderbird has trained global leaders and managers to advance sustainable prosperity worldwide for over 70 years. Thunderbird (originally known as the American Institute for Foreign Trade) was chartered on April 8, 1946, at a Glendale, Arizona, World War II airbase, Thunderbird Field, where pilots from around the world came for training during wartime. General Barton Kyle Yount obtained the airfield with the express purpose of developing a school focused exclusively on international trade and global affairs. The core DNA established at that time is best summarized in a phrase coined by original faculty member Dr. William Lytle Schurz, "Borders frequented by trade seldom need soldiers."

Thunderbird became the first-ever higher-education institution to focus exclusively on international leadership by concentrating its curriculum on global management and business skills, international political economy and regional business environments, languages and cross-cultural communications. The school has often been called a "mini-United Nations" because of its diverse and inclusive global student body. Thunderbird is now known worldwide for its vast and engaged alumni network of more than 45,000 individuals in nearly 150 nations around the globe. Thunderbird has more than 170 alumni chapters that meet regularly in 70 countries.

In 2014, Thunderbird became an independent unit of the Arizona State University Knowledge Enterprise, combining Thunderbird's multi-decade heritage of developing global leaders with ASU's expansive resources. The school relocated to ASU's vibrant Downtown Phoenix campus in 2018. The move brought the world's #1-ranked Master's in Management under the umbrella of the nation's #1-ranked school for innovation. Thunderbird's global footprint has expanded over the years as well, with operations now in Geneva, Switzerland, Moscow, Russia, Dubai, UAE, Tokyo, Japan and Seoul, Korea, making it the world's first truly "global multinational business school," committed to training the next generation of global leadership managers for the 4th Industrial Revolution.

To learn more about Thunderbird School of Global Management, please visit: thunderbird.asu.edu/.

THUNDERBIRD SCHOOL OF GLOBAL MANAGEMENT

BACHELOR OF GLOBAL MANAGEMENT

Sukhleen K. Bal Anastasiya Borunova Dallas Amanda Charles Valeria Corrales Asher Aaron Cota Stephen Roy Downey Edina Dzidic Hsiu Chuan Frietz Bryan Gomez Gonzalez Lina Chavez Gookooluk Qiao He Marco Hipolito Hikari Hirata Jacob Daniel Irizarry Justin Kim Cheryl Frances Lola-Pope Solece Nicole Lopez Andrew Christian Miller Janicia Ortiz Kyle Russell Ruggaard Ezgim I. Senturk Mindi Stone Zachary Daniel Tisch Vanessa Vega Tianyu Xu Haoyue Yang

BACHELOR OF SCIENCE

INTERNATIONAL TRADE Xue Zhao

WALTER CRONKITE SCHOOL OF JOURNALISM AND MASS COMMUNICATION (Established 1984)

CHRISTOPHER CALLAHAN, MPA Dean

KRISTIN GILGER, MA Senior Associate Dean

MARK LODATO, MED Associate Dean

REBECCA BLATT, MA, MBA Assistant Dean

> JESSICA PUCCI, MA Assistant Dean

B. WILLIAM SILCOCK, PHD Assistant Dean

WALTER CRONKITE SCHOOL OF JOURNALISM AND MASS COMMUNICATION CONVOCATION

7:00 p.m., Tuesday, May 7, 2019 Comerica Theatre, Phoenix

PROCESSIONAL

WELCOME

Christopher Callahan, Dean

KEYNOTE CONVOCATION SPEAKER

Nancy C. Barnes Senior Vice President for News and Editorial Director at NPR, and President of the American Society of News Editors

PRESENTATION OF DOCTORAL DEGREE CANDIDATES B. William Silcock, Assistant Dean

PRESENTATION OF MASTER'S DEGREE CANDIDATES Rebecca Blatt, Assistant Dean

PRESENTATION OF BACHELOR'S DEGREE CANDIDATES

Kristin Gilger, Senior Associate Dean Mark Lodato, Associate Dean

SPECIAL AWARDS

STUDENT SPEAKER

RECESSIONAL

WALTER CRONKITE SCHOOL OF JOURNALISM AND MASS COMMUNICATION

About the School

The Cronkite School is widely recognized as one of the nation's premier professional journalism programs. Rooted in the time-honored values of accuracy, responsibility, objectivity and integrity that characterize its namesake, the school fosters journalistic excellence and ethics among students as they master the practical professional skills they need to succeed in the digital journalism world of today and tomorrow.

The Cronkite School's 2,000 students consistently lead the country in national competitions. Over the past decade, Cronkite has been No. 1 in the nation in the Society of Professional Journalists' Mark of Excellence competition and the Broadcast Education Association's Festival of Media Arts awards and has finished in the top 10 in the Hearst Journalism Awards each year. Cronkite students annually win more than 100 journalism and public relations awards.

Students are guided by a faculty that is made up of award-winning professional journalists, strategic communications executives and world-class media scholars. Cronkite professors include Pulitzer Prize-winning journalists, digital media thought leaders, top TV producers and correspondents, major metropolitan newspaper editors and strategic communications experts. They are master teachers, writers and scholars who often speak around the globe on the most important topics facing journalism today.

The Cronkite School leads the field of journalism education with its innovative use of the "teaching hospital" method, providing both unparalleled learning opportunities for students and important news content to the community, state, region and nation. Arizona PBS, one of the nation's largest public television stations, is the largest media outlet operated by a journalism school in the world. Arizona PBS serves as a hub for the Cronkite School's full-immersion professional programs and a testing ground for new approaches in journalism.

Cronkite students choose from more than a dozen professional immersion programs, applying what they have learned in the classroom in real-world learning environments.

Students cover public affairs from news bureaus in Phoenix and Washington, and they cover sports from bureaus in Phoenix and Los Angeles. Carnegie-Knight News21 multimedia journalists conduct national data-driven investigations. For Arizona PBS, they produce a nightly newscast that reaches 1.9 million households as well as a robust multimedia news website. In Cronkite Noticias, bilingual students produce Spanish-language broadcast and digital stories on important issues.

Students in the Public Relations Lab develop campaigns for client companies, while Digital Audiences Lab students harness social media, SEO and analytics to grow and engage audiences for clients. In the New Media Innovation and Entrepreneurship Lab, they use digital technologies to forge the future of journalism.

The Cronkite School also has a student-produced TV news magazine that airs on Arizona PBS in prime time, spotlighting the innovative science research at ASU. And the school has created a Facebook-supported collaborative aimed at helping people find new ways of understanding and engaging with news and information.

Most recently, Cronkite received a \$3 million grant from the Scripps Howard Foundation to establish a center that will train the next generation of investigative reporters.

Elsewhere at the school, the Donald W. Reynolds National Center for Business Journalism provides education and training to professional journalists, and Cronkite Global Initiatives brings international journalists to the school for study and training.

All of these initiatives take place in a state-of-the-art building that is unequaled in journalism education. ASU's investment in the school has generated national and international attention from educators and media professionals who place the school in the top tier of all U.S. journalism schools. The Times of London, The New York Times and USA Today have pointed to the school as a leading example of changes taking place at journalism schools across the country. These prestigious publications have called the Cronkite School a pioneer, kindling a notion of new media that will shape how news is delivered and how people will stay informed in the future.

About Walter Cronkite

ASU's journalism program was named in honor of former CBS News anchor Walter Cronkite in 1984.

The relationship started when Tom Chauncey, longtime owner of the CBS affiliate in Phoenix and a leading supporter of journalism education at ASU, contacted his old friend in an effort to advance the program. An endowment on behalf of the program was soon established and the school was named after "the most trusted man in America."

Over the next quarter of a century, Cronkite lent much more than his name to the school. He was closely involved — advising leadership, guiding students and faculty and traveling to Arizona each year to personally give the Walter Cronkite

Award for Excellence in Journalism to one of the nation's top journalists. The most special relationship, though, was with "our students," as Cronkite would always call them. Young women and men, some with parents barely old enough to remember Cronkite behind the anchor desk, lit up when he walked into a classroom. They hung on his every word as he thoughtfully answered their questions about the profession he so loved. They lined up just to shake his hand, and he loved every minute of it.

In what turned out to be Cronkite's last visit to ASU in 2007 before declining health prevented him from traveling, a group of 100 students gathered with just a few minutes of notice that Cronkite was in the building. He held them spellbound as he spoke about covering World War II, Vietnam, Apollo, Watergate and presidents from Truman to Reagan — and of how important "our school" was to him. Although Cronkite died on July 17, 2009, before he was able to visit the new building, he remains an ever-present part of the school's heartbeat and direction.

Cronkite's legacy lives on in the spirit and passion with which the school teaches both the skills to do journalism in today's media environment and the time-honored ethics and news values necessary to do it in the manner that would make him proud.

The Cronkite School has established a special memorial fund in Cronkite's name. For more information on the fund and to learn more about Cronkite's legacy and career, visit cronkite.asu.edu/rememberingcronkite.

About Our Graduates

The Cronkite School has more than 11,000 alumni throughout the Valley, across the country and around the world. Many are leaders in television, digital media, newspapers, radio, magazines and public relations.

In 1993, the Cronkite School inducted its first class into the Cronkite Alumni Hall of Fame. The charter inductees were Al Michaels ('66), an Emmy Award-winning sports broadcaster best known for anchoring "Monday Night Football," and Bill Redeker ('71), an ABC News correspondent who covered the Middle East and the Far East during his 30 years with the network.

Other notable Cronkite Alumni Hall of Fame inductees include Nicole Carroll ('91), editor-in-chief of USA Today; Becky Anderson ('94), CNN International anchor; Julie Cart ('98), Pulitzer Prize-winning Los Angeles Times reporter; Derrick Hall ('91), president of the Arizona Diamondbacks; Christine Devine ('87), news anchor at FOX 11 in Los Angeles; Mary Kim Titla ('85), founder of Native Youth Magazine; Ray Artigue ('76), president of The Artigue Agency; and Chip Dean ('77), director of ESPN's "Monday Night Football."

Stay connected to fellow #CronkiteNation alumni on LinkedIn, Facebook, Instagram and Twitter.

WALTER CRONKITE SCHOOL OF JOURNALISM AND MASS COMMUNICATION

BACHELOR OF ARTS

JOURNALISM AND MASS COMMUNICATION

Roxanna Ahmad Yacoub Al-Sakkaf Ashley Maree Altmann Okechukwu Iheanyi Apakama Ivonne Arballo Mia Anne Armstrong Mitchell Anthony Atencio Gabriella Bachara Marcella Marie Baietto Allison Nicole Barton Kayla Dawn Becton Alexis Nicole Berdine Holly Marie Bernstein Quintin Russell Bingham Chase Boeke Brianna Bradley Charles Paul Bramlett Hayley Kathleen Brand Tayler Brown Austen Keith Alvarez Bundy Jamie Frances Byerlee Angelica Victoria Cabral Catherine Justine Callis Lurissa Carbajal John Ray Cardinale Ashley Nicole Carter Heather Joy Copfer Celeste Cruz Jeffrey Dylan Darge Kimberley Rose David Gabriella Del Rio Lillian Rose Donahue Avrianna Elizabeth Drayton Alexis Danielle Egeland Jordan Mackenzy Elder Rachel Alessandra Eroh Thalia Maricela España William Ricardo Everett Erica Lauren Figueroa Cody Michael Fitzpatrick Kevin Aaron Fleischman Luke Robert Forstner Christopher James Fortney Karam Gafsi Jessica Alvarado Gamez Emily Garcia Samantha Jane Gebers Demitria Mary George

Emily Ann Giordano Jennifer Katherine Gordon Veronica Camille Graff Gregory Patrick Harman Lauren Elizabeth Hart Corev Hawk Sarabeth Baxter Henne Carly Danielle Henry Alexis Nicole Hermansen McKayla Hull Autumn Nicole Jarrett Craig R. Johnson Delia Johnson Chloe Lee Jones Keegan J. Kelly Arren Lund Kimbel-Sannit Brandon David King Kayla Monet King-Sumner Brendon Christopher Kleen Matthew James Kling Kaitlyn Regina Kor Anastasia Maria Koufidakis Caroline Ruth Liddle Samantha Marie Lomibao Julio Cesar Lugo Marguerite MacKrell Carla Mariana Maldonado Aitana Yvette Paraguya Mallari Adrian Tong Tong Marsh Gabriela Martinez Skylar Anne Mason Tavia R. Matteson CiCi McAllister Brielle Ann McDougall Avery Elizabeth McEntire Matthias Andrew McManus Hadara Paige Meyer Vivian Mariza Meza Ethan Michael Millman Kelsev Fan Mo Gabriela Jimena Calles Monsivais Mikayla Jordan Morehead Stephanie Marie Morse Emily Isabella Mudge Saha Mustafic Jenna Lee Neff Megan Anne Nespor Bryce Newberry

Ellen Anne O'Brien Matthew O'Donnell Timothy P. O'Donnell Keri Lynn Orcutt Tyler Rose Peckham Walter Antonio Penate Daniel Michael Perle Kaya Rose Philapil Hanna Rose Plotnik Alexis Taylor Puhlick Olivia Kathryn Richards **Richard Donald Rieves** SuElen Rivera Rilee Jane Robinson Erin Rosenthal Daniella Paula Rudoy Alyssa Briana Ruiz Ariel Elyse Salk Nicole Ann Schaub Sydnee Schwartz Nicholas Daniel Serpa Logan Tyler Sherbuck Amanda Nicole Slee Case Hilliard Smith Allison Lee Snell Rebecca Lea Spiess Imani Christine Stephens Adin Jessica Tarr Ashlee Thomason Nathaniel Dale Thrash Jordan Catherine Tower Paulina Verbera Zachary Tyler Vesledahl Bayan Johnathan Wang Jakob Alexander Wastek Austin Michael Westfall Carissa Jean Wigginton Zachariah Taylor Willoughby Isaac David Windes Alexandra Casey Wolfe Armida Maria Zepeda

MASS COMMUNICATION AND MEDIA STUDIES

Amanda Abbott Alianna Nicole Abraham Britny Brielle Amancio Leanna Marie Annunziato Gabrielle Nicole Armienta Juleeann Victoria-Rose Armstrong Colin Baltimore Matthew L. Bogue Aileen Andrea Bonilla Heaven E. Bristow Jason David Brown Emily Sandersfield Camacho Carla Y. Cardenas Avery Carlson Bianca Itzel Carrera Danielle Cha Brandon Lee Chambers Jamie Coleman Justin Cooper Joshua Cotts Nathaniel Ray Crater Alexandria R. Croft Kat E. Daley Allyson Marie Deckenback **Rio** Delucia Katelyn Finegan Holly Jean Fitzsimmons Shelley Ussery Fry James Godin Elizabeth Graham Tyler Christine Greene Jerolyn L. Hamer Rebecca Anne Hathaway Lukas Andrew Hernandez Matthew Joel Hobbs Hailee Hook Daniel Brandon Howard Jeffery A. Iannucci Tiffany Danielle Jarrell Kyle Clinton Jeffers Erica Caroline Koehler David Lake Layne Elizabeth Laughlin Bridget Chelsea Lawrence Edward Lawson IV Jacqueline Michelle Madlem Conor Michael Mangan Madison Louise Marks

Nicole Danielle Marsey Samantha Kristine Mathieson Claudia Lilian McCaffrey Ana Joyce McDaniel Brian Andrew Means Cynthia Mensing Denise Lauren Mirsky Julia Rejean Moorhead Greysun Rolando Morales Manorath Naphaphone Kyle Rasmus Nielson **Bailey** Nikkila Jasmine Ehinome Okougbo Jacqueline Regina Ortega Joshua Oshima Andrew Donald Patag Alejandra Perez Simone Michelle Popovac Savanna Leigh Rakes Courtney Marie Richardson Charles Victor Rivezzo Courtney Rye Chelsea Rae Sartin Sama Schmidt Michael Christian Schneider Amber L. Shepard Jacob Lee Shiffer III Cherise Shockley Cameron Ryan Steckel Arthur Edward Talbert Cornell Turner Kelly Ann Valdez

SPORTS JOURNALISM

Eric Aldava Andrew Taylor Bell Braiden Bell Austin Nicholas Burnett Alexa Cancelmi Joseph Daniel Caulo Steven Cusumano, Jr. Jordan Dana DeSouza Michael Phillip DeStasio Josiah Nickolas Destin Kelly Colleen Doyle Montserrat Aleli Elizondo Sam Ficarro Jacob Jeffrey Franklin Eliav Gabay Ethan Samuel Gaines Justin Matthew Gaither Richard Thomas Rudolph Geraffo III Jeffrev Griffith Alec Tyler Henden Chancellor Edward Johnson Daniel Karl Jordan Kave Ethan Michael Kennedy Jacob Tyler Lev Matthew Brady Lively Joseph K. Mcclatchey Blaine Robert McCormick Kylee Dawn Meter Spencer Molnar Lindsay Emily Nebgen **Bailey Nicole Ocarroll** Stephen Charles Ontiveros Kenyon Ozanne Zachary Pekale Makayla Elizabeth Perkins Sara Danielle Preston Spencer Reid Pullen Taylor Renee Rocha Eleanor Simpson Nathaniel Jacob Smith Matthew Stolbof Christian Michael Thurley Anthony Matthew Totri Mikhial Dimitri Tsatskin Steven E. Van Durme Sienna Nicole Villa Allison Christine Wdowiak Nicholas E. Welter Robert Joseph Werner Isaiah Robert Wrinkle Harley Yearout

WATTS COLLEGE OF PUBLIC SERVICE AND COMMUNITY SOLUTIONS (Established 1979)

JONATHAN GS KOPPELL, PHD Dean

CYNTHIA LIETZ, PHD Vice Dean

RAMONA DENBY-BRINSON, PHD Associate Dean for Research

SIAN MOONEY, PHD Associate Dean of Interdisciplinary Programs & Initiatives

> JOANNA LUCIO, PHD Associate Dean of Academic Affairs

MARK ROSELAND, PHD Director, School of Community Resources & Development

CASSIA SPOHN, PHD Director, School of Criminology & Criminal Justice

> DONALD SIEGEL, PHD Director, School of Public Affairs

JAMES HERBERT WILLIAMS, PHD Director, School of Social Work

BARBARA KLIMEK, PHD School of Social Work, Faculty Marshal

WATTS COLLEGE OF PUBLIC SERVICE AND COMMUNITY SOLUTIONS CONVOCATION

9:00 a.m., Thursday, May 9, 2019 Wells Fargo Arena ASU Tempe campus

PROCESSIONAL

"Pomp and Circumstance" — Sir Edward Elgar Sonoran Brass Quintet

FLAG PRESENTATION

ASU Police Department Honor Guard

THE NATIONAL ANTHEM

"The Star-Spangled Banner" - Francis Scott Key

STUDENT AWARDEES

Aly Perkins — Barrett, The Honors College Joshua Loescher — Interdisciplinary Programs Kelly Walsh — School of Community Resources & Development Katherine Brown — School of Criminology & Criminal Justice Joanna Williams — School of Public Affairs Jennifer Harrison — School of Social Work

OVERALL UNDERGRADUATE

Kelly Walsh School of Community Resources & Development

OVERALL GRADUATE

Joanna Williams School of Public Affairs

PRESENTATION OF GRADUATES

Alma Mater — Arizona State University Music and Words by Ernest Hopkins and Miles Dresskell

RECESSIONAL

THE NATION'S LEADING COMPREHENSIVE PUBLIC SERVICE COLLEGE

The Watts College of Public Service and Community Solutions is a unique, comprehensive public service college dedicated to fully integrating teaching, research and service to address social problems.

PREPARING PUBLIC SERVICE LEADERS FOR LIFELONG LEARNING, EQUIPPED WITH TOOLS TO AFFECT CHANGE

Our degree programs cover the spectrum of public service, including public policy, social work, criminology and criminal justice, nonprofit leadership, emergency management, community development, parks and recreation, and more.

A particular point of pride is that the college is home to ASU's most diverse student body, with the highest percentages of minority, college transfer and employed students—and the largest community of first-generation college students. Many chose public service because of their own life experiences and firsthand understanding of systems that need improvement. Of equal importance is how this commitment translates into real impact for the communities to which students return.

INTEGRATING TEACHING, RESEARCH AND SERVICE ROOTED IN SOLUTIONS-BASED LEARNING

Through rigorous, applied research, we develop solutions to address pressing issues from child welfare to neighborhood safety, city management to human trafficking, water scarcity to tourism development.

From day one of their college experience, our students are immersed in hands-on learning through a signature solutions-based pedagogy. They are paired with community partners to tackle real-world problems—both an educational, and service-based experience—delivering more than 600,000 hours of community service each year.

LEADING ASU SERVICE AND POLICY INITIATIVES TO CREATE A MODEL OF A SERVICE-COMMITTED UNIVERSITY

The college serves as a model for ASU's commitment to service—leading university-wide initiatives such as spearheading the first-of-its-kind Public Service Academy, partnering with the Harvard Institute of Politics to increase civic participation through our Pastor Center for Politics and Public Service and leading AmeriCorps programs like Public Allies Arizona, Safety Planning for Survivors of Domestic Violence and Corporation for National and Community Service Employment Outcomes.

SOLVING PROBLEMS THOUGH COLLABORATION WITH COMMUNITY PARTNERS ACROSS SECTORS

The college brings collaborative ideas into action working closely with hundreds of government, private and nonprofit partners locally and globally. Our research and scholarship, through our research centers and offices, individual faculty members and cross-disciplinary teams has an impact beyond dollars: training, policy guidance, best practices and direct service.

OUR SCHOOLS AND CROSS-COLLEGE PROGRAMS

The School of Community Resources and Development advances the social, economic, environmental and cultural well-being of our local and global communities through instruction, research and service. We provide nationally recognized interdisciplinary research expertise and innovative academic programs in nonprofit leadership and management, parks and recreation management, and tourism development and management.

The School of Criminology and Criminal Justice merges theory and practice. The core of our highly-ranked program—#5 overall by US News & World Report—focuses on the theories of criminality and evidence-based best practices for responding to crime through the lenses of three interrelated structures—policing, courts and corrections—that collectively comprise the criminal justice system.

The School of Public Affairs' mission is to understand and address society's grandest challenges in public management, policy and governance. We seek to maximize our impact through rigorous transdisciplinary research, project-based education, collaborative and inclusive community engagement, experiential learning and innovative solutions. We are ranked consistently among the top 10 public affairs schools in the country with highly rated programs in urban management, environmental policy, nonprofit management, and public finance.

One of the largest and most diverse social work programs in the U.S., the *School of Social Work*, is motivated by its steadfast commitment to promote social, political and economic justice with a special emphasis on populations of the Southwest. The School prepares professional social work practitioners and scholars who are committed to enhancing individual, family and group problem-solving capacities, maximizing human potential, and creating a more just and humane society.

Our cross-college interdisciplinary programs blend the expertise of our disciplines to create innovative, well-informed approaches to emerging social problems. The emergency management and homeland security program promotes healthier and more vibrant communities through the effective management of hazards and crises. The program evaluation program develops expertise in response to increasing demands for accountability in the public, private and nonprofit sectors. The public safety leadership and administration program prepares graduates for management in the public safety sector with a particular emphasis on emergency medical services, fire and police administration.

RESEARCH AND IMPACT

The College leads the university in the production of research that has system-wide and large-scale impact on a myriad of social, behavioral, economic and political challenges. Through rigorous applied research, we are developing solutions with the potential to better our response to pressing issues and positively impact our communities locally, nationally and globally. Among our 20 centers:

> Southwest Interdisciplinary Research Center Center for Child Well-Being Lodestar Center for Philanthropy and Nonprofit Innovation Morrison Institute for Public Policy Center for Violence Prevention and Community Safety

WATTS COLLEGE OF PUBLIC SERVICE AND COMMUNITY SOLUTIONS

BACHELOR OF APPLIED SCIENCE

APPLIED SCIENCE (EMERGENCY MANAGEMENT) Preston Lewis Dolenar

COMMUNITY ADVOCACY AND SOCIAL POLICY

Tina Renae Branam-Justice Hailey S. Cartwright Mary Elisabeth Chase Jessica Cisneros Cordova

COMMUNITY SPORTS MANAGEMENT

Chad Louis Fackler Christopher Robert Johnson Joseph David Eugene Lawrence Jonathan Cale Moore Rina Okuma Anna Maria Silva

CRIMINOLOGY AND CRIMINAL JUSTICE

Cindy Guadalupe Abrajan Ulysses Sanchez Acuna Ana Yaritza Aguilar Hugo Armando Aguilar Manuel L. Aguirre Alonso Alcala Majed Mohammed A Alqifari Paul Andrew Alvarado, Jr. Emilio Armand Alvarez Kelsee Linn Andrews Alaina Lillian Anton Lexi Braylin Appel Brittiny Annett Arredondo Jessie Cody Atkins Brandee Raye Augustine Andrea Paola Frances Avila Alexandria Barbara Marie Ayala Barkley Nicolette Baca Dolores Jordyn Baca

BACHELOR OF ARTS

Judy Darlene Cram Jessica Marie Diego Stephanie Richers Friend Leslie Marie George Phillip James Harvy Kristen Marks Autumn Marie McCollough David Anthony Mchugh Jacqueline Miles Briaudria Lisha Morris Crystal Pena Elizabeth Quinonez Jacklyn Marie Torres Jennifer A. Walker

BACHELOR OF SCIENCE

Jesse Mae Baer Nikki Lee Bailev Tyler Scott Baker Teresa Balbi Juanita Barraza De Stubbs Estela Torres Barreras Steven Michael Beard Danielle Begay Gerald Benitez Nathan Emerson Bequeaith Scaava Berhane Kavani Marie Camacho Bituin KeVonna DaShanay Black Jacob Raymond Bobian Brittany Bouwhuis Carter J. Braxtan Brittany Ann Brenner Madeline Michele Briguglio Austin W. Brown Candis Louise Brown Jhony Calixto Sarah Jane Carlos Taylir Lee Carrillo Oscar Ernesto Sosa Casas Armando Castellanos Thalia Giselle Castillo Sydney J. Cereska Dora Chairez Kaleb Matthew Charanza Emily Chodhary Joshua Michael Chorneyko Tyler John Close

Brandon Coleman Meghan Lynn Coleman Brandon Richard Colling Emily M. Collins Hanna Alexandra Collins Kendall William Corbin Natalia Angelica Corradino-Curry Alexandria Corral Graciela F. Correa Amanda Covarrubias Nicole Elizabeth Cox Kenneth Michael Craig Joanna Paulette Crum Alyssa Rosa Cruz Jonathan Davis Danielle Hope Dawson Donte A. Day Sydney Day Daniel Joel Diemer Ashley Ann Dietz Diane Alejandra Dominguez Stephen M. Dorrell Jalan Christine Dukes Gabriel C. Duplon Mikavla Onika Erickson Toñita Escamilla Lilia Espinoza Hannah E. Eubanks Allison Nicole Finkbeiner Sarah-Beth Finley Brooke M. Fisher

Maddison Anne Fitzsimmons Stacey Flores Jenaya Fogel Ryan James Ford Clayton Thomas Forry Brittany France David Joseph Friestad Melissa Galvez Kevin Henry Gambocurta Nathan Michael Gell Christa Deanne Gerdes Jeffrey Adam Glembocki Patricia Ann Goodwin Aaron Greene Britney Rae Greene Alexander Ryan Grimm Edgar Giovanny Guillen Joseph Daniel Gutierrez II Melissa Anne Gutierrez Nickolas Ramon Gutierrez Vanessa Gutierrez Nicolas James Haas Cydney Lynn Hammon Rickey Antonio Hanson, Jr. Sarah Adriana Harper Ronald Harris, Jr. Jessica Taylor Hein Taylor Ashley Heinz Mahalia Ella Hemingway David Jushua Henkel Sabrina Cassandra Henriquez Christopher Hernandez Marcela Herrera Ahbleza Hickman Charles Norton Hill Marwa Hirmendi Alec Hoffman Morgan Riley Howe Brian Sean Hudson Caitlin Jarrett Ingram Maryssa Dominique Jaime Ricardo Jayassi Benjamin Hale Jennett Matthew Joerns Samuel Joseph Joest Megan Therese Johnson Shantelle Labre Jones Younglok Kang Dannika Jordan Kaufman Kayla Nicole Kausal Marissa Genevieve Keating Bradley J. Kerton Thanee Joseph Kesgomol David Gerald Kohler III Alissa May Kuebelbeck

Dayalini Paramasamy Kugarajah Candie Lake-Velez Wyatt James Landaker Monica Marie Lass Myhoang Thi Le Trevor Lebeaux Christopher John LeMaire Jacob Lesher Eric M. Lewis Martez Quavon Lewis Samara Linette Lizarraga Robert Carlton Lopez Victor Ivan Lopez Pilar Lugo Jordan Nikol Lundgren Devon Christopher Lunemann Campbell Holt MacDonald Jessica Ramirez Machaen Peri Leigh MacFarlane Travis John Madler Allyson Magness Patrick Anthony Mandril Natalie L. Mann Martin Manriquez, Jr. Kaitlyn Mara Natalie Anne Marez Sarah Brooke Marmolejo Jeanna Martin Joanna Martinez Michael L Matalenas III Steven Michael McCormack Sydney Eleanor Mcdowell John McGrath Kelsey Ashlyn McLeod Whitney Lenora Renee McMahan Kelly Thomas McManus Matthew James McVeety Sanaz Mehrzad Kaitlyn Grace Melgoza Lindsey Lee Merle Zacona Shnae Michaux Iona Mikaio Ryan Winfield Millhof Adam Mitzel Jessica Mok Melissa Molina Marisol Gonzalez Montes Gabriel Montiel Danielle R. Moody Sydney Rachel Morganlander Selene Alexandra Mosqueda Heather Tiffanie Nation Jennifer Ngo Kevin Nguyen

Nicholas Charles Niday Miranda Janelle Nordstrom Kathryn Elizabeth Norton Russell Theodore Anthony Novy Lindsey Marie Nunn Sara Olguin Josely Danairy Osoria Madisen Rose Owan Curtis Nathaniel Owens Danica Paddock Michael Aaron Palmer Gabriela Palomino Travis Alexander Pate Raymond Angel Pelayo Andre Richard Pelletier Martin John Peychev Anthony Vincent Pezzino Sarah Rose Phillips Victoria Marie Pinto Aleia Christina Pope Kalen Powell Emma Marie Price Derek Pyle Savannah Monique Quintero Alexandra Luz Valentina Ramirez Gabriel Ramirez Juan Gerardo Garcia Ramirez Marisol Ramirez Joseph Wilfrido Ramos-Mata Victoria Ann Reuss Angelica Monique Reyes Leya Reyes Jamie Lee Richardson Austin Raymond Rizer Connor Noble Roberts Sebastian Robles Benjamin J. Rodger Omar Rodriguez, Jr. Trenton Rodney Roeber Adriana Adelina Romero Miryam Lisseth Valdivia Romero Brittany Eileen Rose Alec Rounds Bailey Rae Ryan Byron Ommitt Salazar, Jr. Steven Joshua Salazar Michael George Saldaris Jennifer Ramirez Salinas Tina Lucille Sanchez Kiara Aylin Sanchez-Arzate Kendall Anne Schaub Jessica Scheckel Taylor Gayle Schilling

Curtis Alexander Schultz Sydnee Schwartz Daniel Jude Sconzo Cassandra Marie Shriver Eloy Thomas Silvas II Domenic Nicholas Silvestro Alyssa Mackenzie Sims Anthony R. Smith Justin Zachary Smith Philip Paul Smith Janeane Marie Stefaniak Alexis Nicole Stewart Stephen Richard Straka Zachary Alan Stringer Bailey Kathleen Sullivan Sarah Noriko Tada Christopher Calumpit Tamayo Scott William Taylor Margarita Tejas Jordan K. Thompson William Jacob Transier Alyssa Rene Urban Haley M. Vadasz Ana Rosa Valdez Edwin Valenti Madison Ann Vander Vlucht Deane R. Vedder Russell Anthony Venegas Andrew Leo Villalobos Tracy L. Volz Steven V. Wade Daniel Wayne Wallace Stephen Phillip Washington Steven Daniel Weaver Lia Kai Welkom Brian Robert Whittington Elizabeth Wilkins Bradley Wayne Williams Lawrence Williams Alan Hang Yuan

NONPROFIT LEADERSHIP AND MANAGEMENT

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PARKS AND

RECREATION MANAGEMENT

Skylar Jordan Crudup Garrett Patrick Lee Philip Miller Megan Hope Nino

PARKS AND RECREATION MANAGEMENT (THERAPEUTIC RECREATION)

Alexa Almond Isabel Diaz Meagan Esther Durazo Lily Estefany Abarca Godinez Miranda Rose Greer Chloe Jane Legg Barbara Jean Mansfield Kessy Shalayne Martin Whitney Marie Smith Diana Alejandra Vega Tesslyn Faith Lyons Wagner Kelly Elizabeth Walsh

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Amanda Mitchell Erin Rachael Sitz

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Shiloh Schardt Brandon Scott Smith Michelle Thomas Steven Vallance Reagan Steven Walder Cedric K. Weber

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PUBLIC SERVICE AND PUBLIC POLICY (SOCIAL SERVICES DELIVERY)

Kassandra Guadalupe Rios Lizarraga

PUBLIC SERVICE AND PUBLIC POLICY (SUSTAINABILITY) Steven Frank Latino, Jr. Marley McWhorter

TOURISM DEVELOPMENT AND MANAGEMENT Lauren Bae Brittany Leigh Bellissimo Sheridan T. Collins Catherine Bryan Crump Alicia Mirsine Deros Ashley Elitz Elizabeth Margaret Evans Kimberly Eileen Garcia-Morales Margaret Marie Henehan Briana Chiemi Hickey Anastasia Marisol Holmes Brooke Isaman Jennifer Morgan Locke Serena Lynn Mains Sarah Louise McArthur Marissa Anne Mcgarr Ruby Morales Jacob Douglas Neumann Mei Chi Ng Audrey Lynn Nyby

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BACHELOR OF SOCIAL WORK

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> STEPHEN TAYLOR, MBA Associate Dean, Graduate Programs

MARK MANFREDO, PHD Associate Dean, Polytechnic Campus

MICHAEL GOUL, PHD Associate Dean, Faculty and Research

W. P. CAREY SCHOOL OF BUSINESS CONVOCATION

7:30 p.m., Tuesday, May 7, 2019 Sun Devil Stadium ASU Tempe campus

W. P. Carey School of Business Master's Degree Candidates listed on pages 91-98

MASTER OF CEREMONIES

Amy Hillman, PhD, Dean, W. P. Carey School of Business

Stage Party Processional

ALMA MATER – ARIZONA STATE UNIVERSITY Music and Words by *Ernest Hopkins and Miles Dresskell*

GREETINGS

FEATURED STUDENT SPEAKERS Outstanding Graduate Student Chizoba Ngwube, MBA

Graduate Student Finalists

Brooke Cramblitt, MBA Madison Davis, MiM Kalpana Rangachari, MSIM Anne Marie Rogers, MTAX Dustin Weil, MBA

Turken Family Outstanding Undergraduate Student Eli Schifman

Undergraduate Student Finalists

Tristan Gaynor Joley Hamilton Caitlyn Hendricks-Costello

INTRODUCTION OF GRADUATES Readers of Names

Timothy Desch, MEd, Assistant Dean, Admissions, Undergraduate Programs John Eaton, PhD, Clinical Professor, Department of Marketing Jeanne Sims, MBA, Associate Director, Graduate Programs Stephen Taylor, MBA, Associate Dean, Graduate Programs

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CLOSE Amy Hillman, PhD, Dean, W. P. Carey School of Business

RECESSIONAL

ABOUT THE W. P. CAREY SCHOOL OF BUSINESS

The W. P. Carey School of Business at Arizona State University is one of the highest-ranked and largest business schools in the United States. The school is internationally recognized for its leadership in business education and for positively impacting the practice, science, and art of management on a national and international scale. The school works to rethink the nature of business, engage the world, and create a better future.

Nearly 16,000 students attend the W. P. Carey School of Business, including over 2,500 online learners and more than 100 doctoral candidates. The student body is especially diverse, including representatives from over 100 countries.

The W. P. Carey School boasts an acclaimed faculty of more than 160 esteemed tenure and tenure-track faculty, including a Nobel Prize winner. Many faculty members are also on the editorial boards of academic journals and publications. Housed within the school are nine respected research centers and a research institute, which generate research, ideas, and information that support academics and business professionals and are internationally recognized for research productivity.

Both the school's graduate and undergraduate programs are ranked among the best in the nation by *U.S. News & World Report*. The undergraduate program is ranked No. 30 overall, as well as Top 30 for 10 disciplines within business. The W. P. Carey Online MBA is ranked No. 6, the Professional Flex MBA No. 22, and the Full-time MBA is ranked No. 33 in the country. The school is also known for providing an excellent return on investment at both the undergraduate and graduate levels.

Undergraduate Bachelor of Science degrees are offered in accountancy, business data analytics, business entrepreneurship, computer information systems, economics, finance, management, marketing, supply chain management, and technological entrepreneurship and management.

Undergraduate students also have the option of earning a Bachelor of Arts degree in business with concentrations in business administration, Chinese language and culture, communication, corporate accounting, food industry management, global agribusiness, global leadership, global logistics management, global politics, health care, human resources, information security, law, public service and public policy, retail management, Spanish language and culture, sports business, statistics, sustainability, technology, and tourism. The school offers its renowned MBA program in four distinct platforms: Full-time, Professional Flex, Online, and Executive. Master's degrees are available in accountancy, business analytics, finance, global logistics, information management, real estate development, and taxation. Doctoral degrees are offered in accountancy, agribusiness, economics, finance, information management, management, marketing, and supply chain management.

The W. P. Carey alumni network spans the globe. Our alumni represent highly regarded companies from diverse industries, including manufacturing, technology, retail, banking, accounting, entertainment, and food, as well as entrepreneurial firms and respected nonprofit organizations.

For more information about the W. P. Carey School of Business, please visit wpcarey.asu.edu.

W. P. CAREY SCHOOL OF BUSINESS

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Neda Danilovic

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Veronica Meza-Vidaurrazaga Chase Michael Miller Austin Bayon Miranda John Tyler Neubauer Chulmin Nho Nikhil Nimmagadda Mikayla Christine Marie Nip Blake James Olinyk Keith Eric Olson Hayden Hillerman Palmer Roshan Indrajit Patel Achirin Peter Soneram Ron Phensombath Rockwell B. Reber Samantha Brittany Rezendes Samantha Marie Riddick Andrew J. Rios Daniel Joseph Rivera Marcos Ivan Rodriguez Tianna Marie Rodriguez Jose Manuel Romero, Jr. Chandler Joseph Russell Connor A. Russell Jessica Rutherford Finley Anthony Saint Jacob Sandoval Niloofar Sedigh Sarvestani Gage Tyler Skidmore Susana Hernandez Solis Lindsey Marie Stevens John Edwin Straus III Charlie Toledo III Margaret Valencia Austin James Villar Jordan David Villar Jonathan Voy Mckynlee Vuncannon Lydia Grace Waldon Tyler Jeffrey Wanner Robert Daniel Warner Mason James Webb Thomas John Week Madison Nicole Wetnight Isabel Melina Whaley Shane Michael Whitley Alix M. Williams Kehao Xie Hongbo Zhou

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BUSINESS (COMMUNICATION) Blaze Dominic Abruzzese Emily Anne Adams Shaina Lanae Aellig Yasmine Alatriste Hassan Ahmad H N Al-Najjar Matthew Thomas Andrews Pablo Sayeg Arellano Janice Baca Sherrick McDonald Bader, Jr. Harkirandeep Bajwa Marco Alejandro Anchondo Bencomo Steven A. Boettcher Shayla Bojcic Emily Suzanne Bordow Paul Bourgeois Mckenna Ann Branaghan Anna Bremerman Chandler Rachael Brewster Colton Walker Brown Alex Edward Buzby Eliza Grace Cann Brooke Marie Cavinder Lucas Chavez Macie Alexandra Chavez Brandon Mitchell Chavka Kelsey Ann Christofferson Rebecca Clark Cortney Lynn Collins Nicole Lvnn Comstock Jessica Rose Cook Gunnar David Coop **Bailey** Corrington Brittany Cude Courtney Elizabeth Currie Hanna Dafoe Alexandra Kendall Danser Anna Elizabeth Davis Dante Drew De Graff Sophia Marie DeClusin Nicholas Alexander DeLorenzi Blake Joseph DeVaughn Gabriella Difronzo Kiera Grace Dillon Leah Annastatia Duby Jazmin Prieto Eguino Matthew Allen England Jose Luis Estrella III Rebekah Kathleen Evans Chase Lewis Ferguson Gavin Wylie Fischenich Abbey Gargano Madison Taylor Glennen

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Jamie Nicole Kuehner Grant Laufer Jordan Marmaro Katherine M. Mellody Kyle Richard New Evan Austin Nickels David Okinvi Cassandra Rose Rezac Bari Dudley Richardson Marissa Corryne Rico James Christopher Rogers Christopher James Rondinella Andrew Edison Sanchez Julian Donald Scribner Joshua Michael Smith Kenneth Thomas Vigano

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BUSINESS (SUSTAINABILITY) Preeta Amin Zachary W. Ater John Chester Berkebile Christopher James Bodnar Lori Lynn Bragg Ashley Alexandra Braglin Eryn Jan Brown Jakob Mason Buszka Kameron Reynaldo Camp-Figueroa Andrew P. Carter Randii A. Cavanaugh Danielle Alexandra Cooper Le Anne Renee Costa Leandra Denaye Courrier Kathryn Victoria Cuiffo Maxwell John Davies Celestte A. Diaz Brock Daniel Dinneen Andrew Charles Doe Stephanie Jean Dohm Ashley Dolbee Amanda Ganev Eaton Nicole Collins Erb Nicklas Cole Fancher Fan Fei Anyssa Renee Figueroa Zachary Robert Frazier Caleb Aaron Gammons Dalin Gao Carlos Armando Garcia Torsten Markus Greife Chad Michael Griffith Daniel Reid Harper

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Kinberlyn Davalos Coronado Jared Cunningham Yongjun Dai Dieu Ngoc Dang Andy Dole Matthew Brandon Drannbauer Max Richard Eimiller Andrew Constantine Eledge Isabella Maria Farias Enrique A. Favaro Danielle Favata Michael Jared Fisch Joseph Fuller Andrea Camille Garcia Joseph Gardner Alexandria Sage Gaw Eliyahu A. Gibly Taylor Suzanne Gill Andrew Marcio Gomez Nathaniel Vincent Grass William S. Grimes Jamie L. Hakes Yousif Mohamed Hamad

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Taylor Lynn Hamel Zongrui Han Charles Steven Hargrove Cammi Hawker Samuel Andrew Hawkins Huiyi He Siqi He Emily Caitlin Heathcotte Michael Heffernan Michael James Hennessy Anthony Christian Hernandez George San Miguel Hernandez Svenja Hisey Chen Huang Tingyi Huang Danny Huynh Michelle Lauren Ipjian Joy Georgette Jimenez Cody L. Johnson Srd Kajganic Keishia Kamaludin Raineet Kaur Shihong Ke

Noah Michael King Djordje Kuvac Olivia Nicole Laughlin James Charles Lee Jordan Lee Ian Lefever Andrew M. Leuchtman Alex Levikov Xin Li Yuxiang Li Zining Liu Nicholas Wade Livengood Lauren Syarra Lofy Alan Lozano-Hernandez David Lu Marissa Candice Lucero Lily Margaret MacLean Quinn Albert Mahony Sumali Mai Viwemi Makwakwa Nilofar Malekpour Jennifer Marie Marey Joseph Anthony Margolias Rodolfo Hernandez Mata Michael Allen Maxwell Michael Myron Mayper Heidi Suzanne McBreen Shannon Del McNiel Daniel Christian Meador Fernando Mejia-Valladares Jenna Marie Miller Tanner Jacob Millyard Zackary Morano Dhruva Srinath Moudgal Walid Nakib Asher Alexander Newman Samdisha C. Pall Tianrui Pan Gyul Park Shivang Bharat Patel Tejal Patel Marcus Andrew Patterson Sara Noelle Perkins James William Pinkerton Zachary Patrick Ramsay Bailev John Ravsik Hannah Elisabeth Reeb Xinyi Ren Alyssa Reusch Montana Rich Louis Leland Ridgway Sean Cameron Roberton Megan Rockwood Casey Nicole Roswarski

Lun Sai

Alex J. Sauer

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Kyle Morgan McCall Samuel O. Mckarns Matthew Connor Merkle Michael Thomas Mylchreest Dylan Newton David Okinyi Sahil Bipin Patil Julia Christine Paulus Manuel A. Perez Grant Robert Peterson Daniel A. Planck Anna Sophie Pruter Matthew Owen Rapier Ritika Lisa Ravi Eli Schifman Alex Lon Schreck Christopher Paul Sherman Austin James Sliwicki Hannah Smaw Senan Smoudi Jake Andrew Sorensen Daniel Richard Spinrad William Connor Stacey Summer Charis Stevens Rastko Stojsin Patrais Angeline Strzelecki Craig C. Thorp Nicholas Stephanos Trimmer Logan Taylor Valdez Jason Dru VanMeter Ria Verma Junhong Wengtan Ben Whitmore Nicholas Robert Willis Zifan Zheng

FINANCE

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Cierra Yazmin Apodaca Aniruddh Immaneni Ashok Ahmad Amirul Aiman Azhan Eric Joseph Bailey Gregory Mark Baker Benjamin Scott Barchilon Stephen Ryan Barnard Kevin Bergauer Austin Scott Berry Nicholas Bianchi Jamie Sue Blackburn Ronald Gene Brock III Maria Abigail Brunacini Alex Brennan Butura Jiwon Nicole Byun Ricardo Cervantes-Esqueda Kar Ken Chang Anthony Chau Ronghua Chen Shilin Chen Andrei Stefan Cinculescu Austin Clarke Casey Todd Coleman Cullen Joseph Costello Brandon T. Crosby Chase Robert Croteau William Marshall Cummings Alec John Harrison Cwiakala Yongjun Dai Zeinab Tanya Dakroub Taylor Nicole Davis Ryan Anthony DesJardin Alex D. Dimitroff Parker Jeffrey Dippel Ryan J. Docalavich Shikang Dong Stephen Roy Downey Nemanja Dragojevic Austin Robin Drummond Erica Mae Durham Nathaniel Scott Elliott Hayden Alexander Ess Westin Dean Evans Christopher Michael Fahy Jiayue Fan Yzaac Farnsworth Danielle Favata Yunyi Feng Elizabeth Mae Finzel Chevenne Autumn Fleming Savanna Rose Foster Jacob Dallas Fowler Michael Garber Erick Fernando Garcia Andrew Jacob Garner Patrick Michael Gaughan

Tristan Joseph Gaynor Genquezhaxi Ratrri Mitchel Gomes Sebastian Armand Gumbs Nicholas James Gushue Jackson Hale Taylor Lynn Hamel Amanda A. Harambasic Madison Nicole Harris Kathrvn M. Havrilla Jiani He Emily Caitlin Heathcotte George Heiler Trevor Gordon Henderson Thomas Louis Henning III Austin Hugh Hillis Jacob Hilowitz Marlon Thomas Holland Cameron Hollingsworth Chase Holt Kevin Hong Linbing Hou Shan Hua Kenny Huynh Carter E. Irwin Victoria Ivanitskaya Ghazi Mohammed G Jalal Mingjin Jiang Krutarth Joshi Anne Elizabeth Kent Dillon Kepler Zahra Abdulhadi Khuraidah Colby Jeanette Klemish Bradley Edward Knowlton Matthew Kowalski Konnor Scott Kozubal Sean Robert Kratsch Devin Alexandra Krauter Andrew Kudlinski Mason Russell Kuebler Robert Emerson Labonté Matthew Owen Langmack Mark Christopher Larson Preston D. Larson Olivia Nicole Laughlin Jordan Lee Juliana A. Lee Ian Lefever Brock Lefkowitz Marcus William Leopard Andrew J. Lesher Patrick Kawing Leung Nancun Li Shuo Li Yixuan Lin Ryan Linnebur

Jiahui Liu Jiahui Liu Mingjin Liu Zining Liu Macy Jordan Looft Daniel Francis Loonam Ivan Lopez Michael David Lopez Miaomiao Lyu James Joseph Villano Makanas Marcus Maldonado Sean R. Maloy Christopher J. Man Jennifer Marie Marey Rigoberto Marquez Ryanne Laurena Maxie Kyle Morgan McCall Clay Lucas Mckinney Micah Mclaughlin Aaron McWatt Alec Francois Michael Cole Patrick Miller Cole Rvan Miller Matthew James Miller Henrielle A. Millon Nicholas Stephen Mobilia Demi Alejandra Monroy Zackary Morano William Jacob Morey Jazney Geraldine Moss Kevin P. Murphy Grant Leland Nebel Dexter Nebitsi Cindy Ngoc Nguyen Quan Hoang Nguyen Robert A. Nilles III Yu Ning Justin Christopher Nuckols Raveer Pandya Austin Alan Patterson Grant Robert Peterson Van Tuan Pham Sean Lacquan Phan Nikolas Eduardo Pianelli James William Pinkerton Stephanie Michelle Pinson Jasmine Allison Kelly Sharon Colleen Plocher Cameron Alexander Poe Bannock D. Pointer Savannah Shea Poore Oscar Garfield Porter Christian Matthew Poweleit Tarik Premilovac Lingqi Qin Jon D. Quichocho

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MANAGEMENT (ENTREPRENEURSHIP) Melissa Monique Martinez

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Jonathan Yair Elias Lindsay Brooke Epstein David Thomas Ericson Tyler Jacob Esparza Samim Samir Fahim Daniel Winslow Farr Darian Bailey Faulkner Jenna Mary Fitzgerald Joseph Raymond Fredin Yishi Fu Motaz Gandol Shannon Grace Ganzer Carolina Garcia Sandoval Jacob Matthew Garza Emily Giel Chester Hayes Gleason **Bailey Goldstein** Carly Anna Grafenstein Macy Thiel Graver Elias Grossmann Eric Grove Benjamin Roman Gruca Hailey Elizabeth Habra Fink Pierce Robert Hansen Avery Danielle Hayden Jialing He Catherine Elise Heffernan Skyler Ross Hight Kaycee Lea Hightower Yi-Chun Ho Jiayi Hong Ian Thomas Hoover Binxiang Huang Megan Nicole Jackson Tyler David Jones Madeline Juetten Adam John Kalinowski Mia Georgia Karandreas Amanda Tuli Kichler Alexandra Linde Kinghorn Tina M. Kinnerup Spencer Cody Kleinhans Christopher P. Koines Mitchell Samson Korotkin Dylan Charles Labadie Samantha Erin Lamb Jimena Landa Krystle Dawn Lane Ethan Connor Lee Juliana A. Lee Leena Sang-Ji Lee Nicholas Edward Lee Leineweber Lital Levy Houze Li Kexing Li

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Christian Samuel Mok

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TECHNOLOGICAL ENTREPRENEURSHIP AND MANAGEMENT Lacey Elizabeth Anderson Ruben Jesus Esquivel II Paul Jamison Gardner Robert J. Gieseke Carson Seth Jones Brett Moore Fernando Ivan Ramirez Donald V. Steiner Ching Lun Tai Hunter Jeffrey Tisdale

CANDIDATES FOR COMMISSION

The following cadets and midshipmen of the Reserve Officers Training Corps, Arizona State University, upon completion of the course of instruction prescribed by the Department of the Army, the Department of the Navy, and the Department of the Air Force, are tendered commissions as Second Lieutenants (in the Army, Marines, or Air Force) or Ensigns (in the Navy).

The Army ROTC will have a Commissioning Ceremony on Wednesday, May 8, 2019 at 5:00 p.m. on the Steps of Old Main (weather permitting).

The Naval ROTC Commissioning Ceremony will be held on Wednesday, May 8, 2019 at 10:00 a.m. at NEEB Hall.

The Air Force ROTC Commissioning Ceremony will be held on Tuesday, May 7, 2019 at 10:00 a.m. in the Memorial Union, Arizona Room 221.

UNITED STATES ARMY

Robert Bryant Javier Bustos Maldonado Joseph Conner Kameron Conner Marissa Elia Flores Clayton Forry Trevor Foster Jeffrey Glembocki Michael Hammann Matthew Harvey Sawyer Hess Cody Iwertz Alexander Kane Joseph Kinsler Andrew Lawhead Eric Lewis Joshua Lunsford Jakob Luttrell Barbara O'Connor Steven Perez Charlotte Plehn Luis Porras Derek Pyle Taylor Schilling Joseph Shryock Philip Smith Yingxi Sun Han Sung Maram Sweis Branden Wilson

UNITED STATES MARINE CORPS

Richard Hockley	Jaron Scarbrough	Cedric Weber
Riley Rowles-Birdsong	Domenic Silvestro	

UNITED STATES NAVY

Christian Colbert Joseph Conant Zoe Houdeshell Christopher Katzin Gunnar Klinker Nicholas Knight Kienen Nordlie Jenifer Reyes Jacob Staut Jessica Wagner Isabella Webb

UNITED STATES AIR FORCE

Jonathan E. Bauman Nathan E. Bequeaith Erik J. Braunstein Robert S. Dawson Kyle J. Dick Nickolas R. Gutierrez Robert H. Huthoefer Alfredo G. Limon-Galvez Kameron Q. Lovgren James N. MacFarlan Jacob R. Matthews Iona T. Mikaio Alejandro A. Romero

ASU WIND ORCHESTRA

University Graduate Commencement Monday, May 6, 2019, 9:00 a.m., Wells Fargo Arena, ASU Tempe campus

Gary W. Hill, Conductor Professor of Music/Director of Bands School of Music Herberger Institute for Design and the Arts

FLUTE Miao Liu BASS CLARINET Scott Allen

OBOE Charlotte Ethington

BASSOON Sarah Rice

CLARINETS Katrina Clements Brennan Coffey Vince Dominguez

SAXOPHONE Kristen Zelenak

HORNS Ryan Everson Jeremy Ulm

TRUMPETS Brianne Borden Spencer Brand Zach Ploeger

TROMBONES Rebecca Buringrud Philip Glick Paul Lynch

EUPHONIUM David Gonzalez

TUBA Blake Ryall

PERCUSSION Tim Suh Tyler Wales

SONORAN BRASS CHOIR

University Undergraduate Commencement Monday, May 6, 2019, 7:30 p.m., Sun Devil Stadium, ASU Tempe campus

TRUMPETS

Joshua Whitehouse Emery Harvison Tony Sadlon Betsy Morgan

HORNS

Nathan Mitchell Shannon Kerrigan

TROMBONES

Christopher Wolf Martin Demos **Richard Bass**

TUBA

Charles Kerrigan

THE ARIZONA STATE UNIVERSITY MACE AND PRESIDENT'S CHAIN OF OFFICE

In Medieval times, a mace was a hand-to-hand combat weapon. In about the year 1400 A.D., a mace evolved from a weapon to a ceremonial instrument used by academicians in rituals such as commencement and inaugurations. The oldest known ceremonial mace was that of the Faculty of Common Law of St. Andrew University in Scotland, used in 1438.

The Mace and Chain of Office are presented only at ceremonies in which faculty members are in full academic regalia, such as the Inauguration of the ASU President, University Commencement, Faculty Assemblies, Regents' and President's Professor Induction Ceremonies and Convocation.

The Mace is carried at the head of the procession and laid in a cradle, thus signifying the formal onset of the ceremony.

ASU's ceremonial mace and chain of office was created in observance of ASU's Centennial in 1985. Handcrafted by ASU Professor of Art, David Pimentel (1943-2004), the mace and chain was created with "austere elegance and traditional southwestern motifs." In keeping with these directions, Professor Pimentel constructed both items out of materials native to Arizona. The ASU Mace is a wood staff, approximately three and a half feet long, weighing eight pounds and made of hollowed and polished Mesquite.

The head of the ASU Mace has four sterling silver blades and is banded with copper, Morenci turquoise, and a silver ring on which the words Arizona State University are embossed. The turquoise inlay was cut and polished by Navajo jeweler Richard Charlie of Mesa. The ASU seal is embossed in silver on the heel of the mace.

The President's Chain of Office includes a silver rope woven from strands of handturned links, which holds a medallion six inches in diameter that reverses to reveal the ASU seal in gold on one side and the same in silver and turquoise on the other.

COLLEGE MARSHAL SPRING 2019 UNDERGRADUATE COMMENCEMENT

College Marshals consist of selected faculty members from each college at all ASU campuses. Selection criteria is left to the individual colleges, but faculty who have recently won awards or have received special recognition are given primary consideration.

Barrett, the Honors College — Dr. Matthew Voorhees received his PhD in Political Science from Rutgers University and joined the Barrett Faculty in 2014. His primary area of interest is American political thought and he has published articles on the role of music in Rousseau's political thought and on the future of political philosophy.

College of Health Solutions — Dr. Shelley Gray is a professor of Speech and Hearing Science in the College of Health Solutions at Arizona State University and a certified speech-language pathologist. She is also an affiliate faculty member in the Mary Lou Fulton Teachers College and a Barrett Honors Faculty member. She leads the Child Language and Literacy Lab (CHILLL) that focuses on the development of early literacy, reading, and working memory in children and adolescents and the development and testing of assessments and curricula to improve childrens learning and academic success. She holds Doctor of Philosophy in Speech and Hearing from Arizona State University.

College of Integrative Sciences and Arts — Dr. Cristalís Capielo Rosario is an assistant professor in the Counseling and Counseling Psychology Program in the College of Integrative Sciences and Arts. Dr. Capielo Rosario's scholarship focuses on investigating sociocultural and sociopolitical determinants of health disparities burdening Puerto Ricans living on the island and in the United States. Her most recent publication shows how the colonization of Puerto Rico negatively influences the psychological health of Puerto Ricans. Dr. Capielo Rosario's research findings have been featured in regional and national news outlets such as The Arizona Republic and NBC News.

The College of Liberal Arts and Sciences — English Professor James Blasingame is the 2018 Zebulon Pearce Distinguished Professor of the Humanities and a 2018 Pat Tillman Veterans' Center Professor. In previous years he has also been named the Arizona Humanities Council Dan Shilling Public Scholar, the International Reading Association Arbuthnot Professor of Young Adult Literature, the Arizona State University Parents' Association Professor of the Year, and the Arizona English Teachers' Association Lifetime Achievement Award winner. **Edson College of Nursing and Health Innovation** — Dr. Diane Nuñez is a Clinical Assistant Professor in the Edson College of Nursing and Health Innovation and serves as Director of the Rural Health Practice Program. In 2018 she launched the AHEC Scholars Program for interprofessional practice in rural communities throughout Arizona. As Coordinator for the Doctor of Nursing Practice Residency, she supports student learning outcomes through community engagement for sustainable practice change. Diane practices as an adult nurse practitioner in geriatrics and is a Fellow of the National Academies of Practice. Last year, Dr. Nuñez received the *Daisy Faculty Award for Excellence in Education* by the Daisy Foundation.

Herberger Institute for Design and the Arts — David Barker has a BS in Education from Duquesne University and a MFA in Theatre Arts from Rutgers University. He is an award-winning actor, director and fight choreographer. Also an accomplished mime, his work has been featured in numerous publications. Credits include national and international tours, Broadway, Off-Broadway, regional theatre, international festivals and TV. He has conducted master classes, workshops and residencies nationally and internationally, taught at the University of California at Santa Barbara, Douglass College and Scottsdale and Mesa Community Colleges. He teaches graduate and undergraduate classes in movement and acting in the School of Film, Dance and Theatre.

Ira A. Fulton School of Engineering — Keith D. Hjelmstad is President's Professor and Chair of the Civil Engineering Program in the School of Sustainable Engineering and the Built Environment. He is the founder and architect of *The Mechanics Project*, an innovative approach to teaching mechanics to undergraduates in engineering. Professor Hjelmstad came to ASU ten years ago, serving as University Vice President and Dean of the College of Technology and Innovation after a distinguished academic and administrative career at the University of Illinois. He does research in computational mechanics, structural engineering, and engineering education. He is the author of the book *Fundamentals of Structural Mechanics*.

Mary Lou Fulton Teachers College — Wendy Peia Oakes is an associate professor at the Mary Lou Fulton Teachers College. Her work focuses on improving educational access and outcomes for young children with and at risk for emotional and behavioral disorders. Her research addresses comprehensive, integrated, three-tiered (Ci3T) models of prevention; evidence-based academic and behavioral interventions; and professional development for preservice and in-service educators in implementing practices with fidelity. Dr. Oakes serves as an associate editor for the following journals: *Remedial and Special Education, Journal of Positive Behavior Interventions and Behavioral Disorders*. She also serves on the Council for Exceptional Children–Council for Children with Behavioral Disorders.

New College of Interdisciplinary Arts and Sciences — J. Chadwick (Chad) Johnson is an Associate Professor in the School of Mathematical and Natural Sciences in New College of Interdisciplinary Arts and Sciences. His research includes studying animal behavior at the levels of mechanisms, individuals, populations and communities. He is particularly interested in behavioral expression that occurs in distinct behavioral-ecological contexts. He tracks animals through their life cycles, studying behavior and ecological variations found in nature. He is also interested in the Philosophy of Science and conservation ecology. Dr. Johnson also serves as Barrett faculty and has contributed greatly to the culture of interdisciplinarity and collaboration of New College.

School for the Future of Innovation in Society — Dr. Laura Hosman, Associate Professor in the School for the Future of Innovation in Society, focuses her work on the role of new technologies in developing countries. She brings her passion for learning to the classroom and beyond, through real-world, project-based courses that bring students and student-built technology to the field. Her SolarSPELL project is used in over 220 schools and medical clinics across the Pacific Islands and East Africa. Dr. Hosman was awarded the PLUS Alliance Innovation Award in 2017 and recently won the Global Humanitarian Award from the Phoenix section of the Institute of Electrical and Electronics Engineers.

School of Sustainability — Sonja Klinsky is an assistant professor at the School of Sustainability. Her research focusses on the justice dilemmas presented by climate change and by policy attempts to manage climate change. In collaboration with others, her work has sought to generate theoretically sound and politically relevant proposals for constructively addressing debates about justice embedded in climate policy decision-making at all scales. Her most recent book is *"The Global Climate Regime and Transitional Justice"*. She was awarded a 2018-2019 Nehru-Fulbright fellowship to deepen collaborations with colleagues in India working on climate change, justice and public policy.

Thunderbird School of Global Management — Dr. Roy C. Nelson is an Associate Professor at Thunderbird School of Global Management, as well as Associate Dean of Thunderbird's undergraduate programs. He also served as Academic Director for Thunderbird's Executive MBA program in Sao Paulo, Brazil.

Dr. Roy Nelson's book, "Harnessing Globalization: The Promotion of Nontraditional Foreign Direct Investment in Latin America" (Penn State University Press), is based on his extensive field research in Brazil, Chile, Mexico, Costa Rica, Singapore, and Ireland. An earlier book, "Industrialization and Political Affinity: Industrial Policy in Brazil" (Routledge Press), is based on his field research in Brazil.

Walter Cronkite School of Journalism and Mass Communication -

Brett Kurland is an Emmy Award-winning sports producer and multimedia entrepreneur with more than 16 years of experience producing content across a variety of platforms, ranging from mobile phones to broadcast television networks. Kurland's work has included documentaries, features, live events and studio shows for networks, including ESPN, CBS, FOX, NBC, ABC, NFL Network, Big Ten Network, FOX Sports Net and NHL Network. Kurland earned his undergraduate degree from the Medill School of Journalism at Northwestern University, He received his M.B.A. from the Kellogg School of Management, with majors in media management, entrepreneurship and innovation, and marketing.

Watts College of Public Service and Community Solutions -

Barbara Klimek, PhD, MSW, is a Clinical Associate Professor and MSW Coordinator in Arizona State University's School of Social Work. She holds an MSW degree from ASU, MA degree in Economics, major: Econometrics from Warsaw School of Economics, and PhD degree in economics from the University of Warsaw, Poland. She serves as the Director of the Office of Global Social Work, Senior Sustainability Scientist with the Global Institute of Sustainability (GIOS). Dr. Klimek is also Affiliate Faculty of the Master of Social Justice and Human Rights program, and Affiliate Faculty of the Melikian Center at ASU. Prior to joining the faculty at ASU, she was an Assistant Professor in the Department of Economics at the University of Warsaw, Poland where she was engaged in research and teaching in the areas of economics and econometrics. She came to ASU with 25 years of experience working in social service agencies. Dr. Klimek's research agenda is related to issues of cultural diversity, specifically refugees and immigrants, international community development, as well as global social work. Dr. Klimek is a recipient of the 2019 ASU Graduate College Outstanding Faculty Mentor Award in the category of Outstanding Instructional Faculty Mentor.

W. P. Carey School of Business — Paul John Steinbart is a Professor in the Department of Information Systems in the W. P. Carey School of Business at Arizona State University where he teaches graduate and undergraduate courses on information security and cyber-risk management. His research interests include issues concerning the usability of information security solutions, individuals' information security behaviors, and effective governance of information security. He has published his research in leading academic journals such as *MIS Quarterly, Information Systems Research, The Accounting Review, and Accounting, Organizations and Society.* He is also the co-author of the undergraduate textbook "*Accounting Information Systems*" published by Prentice-Hall.

Emeritus College — William A. Verdini is Professor Emeritus and dean of the Emeritus College at ASU. During his 35 years at ASU, he was chairperson of the Supply Chain Management department of the W. P. Carey School of Business, interim dean of the College of Extended Education, director of the Center for the Advancement of Small Business, director of the Bachelor of Interdisciplinary Studies degree, and president of the University Senate. He was inducted into the Business Faculty Hall of Fame in 2018. He is president elect of the Association of Retirement Organizations in Higher Education (AROHE).

HISTORY OF THE ACADEMIC COSTUME

The present-day academic costume seemingly originated at Oxford and Cambridge Universities in the 1300s. As the universities passed from ecclesiastical control, brighter colors distinguished the academic robe from the drab clerical gown. Colonial American universities based their academic regalia on the British system.

In the 1880s, a student movement centering in New England investigated the establishment of a "senior badge," to improve commencement week exercises and revive the traditions of university life. In 1893, an intercollegiate commission established a uniform code for caps, gowns and hoods for the various degrees.

Of the costume's three components, the hood is the most interesting. Originally it had three uses: as a head covering, as a shoulder cape, and as a bag in which alms could be collected. It is mentioned as early as 1480 in clerical literature. When large wigs were in vogue in Britain, the cape part of the hood was split in front and a narrow neckband inserted. The entire cape and hood was allowed to fall back as it is today, and it was never restored to the original style. Following is a list of the hood and tassel colors established by the Intercollegiate Code to represent departments of learning:

Architecture-Blue-Violet Agriculture - Maize Arts, Letters, Humanities- White Business Administration. Commerce. Accountancy - Sapphire Blue Dentistry - Lilac Economics - Copper Education - Light Blue Engineering - Orange Fine Arts – Brown Forestry – Russet Home Economics - Maroon Journalism - Crimson Law – Purple Library Science - Lemon Medicine – Green Music - Pink Nursing - Apricot Oratory (Speech) - Silver Gray Pharmacy - Olive Green Philosophy – Dark Blue Physical Education - Sage Green Public Administration, including Foreign Service – Peacock Blue Public Health – Salmon Pink Science — Gold-Yellow Social Science – Citron Theology or Divinity - Scarlet Veterinary Science - Gray

Black tassels are correct for all degrees,

and colored tassels are worn only by preference.

Gold metallic tassels may be worn by doctors or presidents of universities and colleges.

This information was taken from

"An Academic Costume Code and An American Ceremony Guide" by Eugene Sullivan, American Council on Education

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SIGN LANGUAGE INTERPRETERS

Our thanks to the ASU Disability Resource Center and the professional Sign Language Interpreter Staff who provide sign language interpretation for graduation ceremonies.

CONGRATULATORY BOUQUETS

Today's congratulatory bouquets are offered by student and community volunteers. All proceeds from these sales benefit scholarships provided through the ASU Alumni Association.