

Arizona State University Commencement and Convocation Program

Spring 2015 May 11–16, 2015

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 was made available to graduates on a reusable external flash drive in May of 2015. 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.

The reusable external flash drive, combined with the abridged program distributed at spring ceremonies, resulted in a 16.2 million page reduction in the amount of printed materials distributed at ceremonies over the week of graduation activities.



To order copies of the final book with all graduates names listed, scan this QR code with your smart phone's reader app or go to http://ironwood.worksmartsuite.com (User name: ASUuser Password: password)

MESSAGE FROM THE ARIZONA BOARD OF REGENTS

Dear Graduates,

On behalf of the Arizona Board of Regents, we congratulate you on a remarkable achievement: your college graduation. Your graduation means you have fulfilled a great vision through tenacity and dedication. Those twin assets will serve you well as you embark on your next journey.

With today's honor, you are laying a foundation for a better life. Many others will benefit from this—your family, future employers and those you meet as you pursue your goals. Your graduation is also a victory for our state. Arizona reaps boundless benefits from a highly-educated workforce – from meeting high-demand job needs to fueling innovation. You have opened the door to a brighter future for our great state.

The board is proud that you chose to pursue your degree at Arizona State University. We hope that your journey was rewarding and that you have the tools and knowledge you need to achieve your future goals. You carry with you an awesome gift to offer society and we hope that you will commit to the pursuit of knowledge and truth beyond today. Please keep your love for your Alma Mater alive as you pursue your career. We have a lifelong bond and you are forever woven into the Arizona State University legacy. We will always take great pride in your achievements—today's and beyond.

Finally, to the families and friends who are participating in this celebration: Congratulations to you as well! We share in your pride and we thank you for the support you provided during your graduate's educational journey.

Sincerely,

Eileen I. Klein President

Mark Killian Chairman

GRADUATE COMMENCEMENT PROGRAM

Monday, May 11, 10:30 am

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 Helene Ossipov, PhD Professor, School of International Letters and Sciences College of Liberal Arts and Sciences President, University Senate Chair, University Academic Council Arizona State University

PROCESSIONAL MUSIC

"Pomp and Circumstance - Sir Edward Elgar

THE NATIONAL ANTHEM

"The Star Spangled Banner" — Francis Scott Key Arranged by Henry Fillmore Soloist Vanessa Naghdi, MM Opera Performance

GREETINGS

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

CONFERRING OF DEGREES

Michael M. Crow, PhD Musical Selections provided by students from the ASU School of Music, Herberger Institute for Design and the Arts A listing of performers can be found on page 287

THE ALMA MATER

Soloist Vanessa Naghdi, MM Opera Performance

RECESSIONAL

ASU Wind Orchestra Gary W. Hill, Conductor

UNDERGRADUATE COMMENCEMENT PROGRAM

Monday, May 11, 7:30 pm

PRELUDE

"Renaissance Dances" — Tylman Susato

PROCESSIONAL

Grand Marshal Helene Ossipov, PhD Professor, School of International Letters and Sciences College of Liberal Arts and Sciences President, University Senate Chair, University Academic Council Arizona State University

PROCESSIONAL MUSIC

"Pomp and Circumstance — Sir Edward Elgar Music performed by Sonoran Brass Choir

THE NATIONAL ANTHEM

"The Star Spangled Banner" — Francis Scott Key Arranged by Henry Fillmore Melissa Modifer, BM Music Theatre Performance

GREETINGS

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

CONFERRING OF DEGREES Michael M. Crow, PhD

WELCOME FROM THE ALUMNI ASSOCIATION Bob Boschee, MBA Chair of the Alumni Association Board of Directors

THE ALMA MATER Melissa Modifer, BM Music Theatre Performance

RECESSIONAL Music performed by 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	May 14, 1995
Sylvia Porter	May 16, 1986	Florence Nelson	Aug 10, 1995
John I. Yellott	Aug 8, 1986	William S. Shover	May 10, 1996
William Reilley	Nov 7, 1986	Gary L. Tooker	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
Mo Udall	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	May 10, 1991	Nadine Severns Carson	Aug 4, 2000
Frank X. Gordon	Dec 8, 1991	Lamonte H. Lawrence	Aug 4, 2000
Cesar Chavez	May 11, 1992	L. Roy Papp	Dec 14, 2000
Tony Hillerman	May 11, 1992	Marilyn A. Papp	Dec 14, 2000
Alan Pritsker	May 11, 1992	L. William Seidman	Dec 14, 2000
Willard Pedrick	May 11, 1992	Alice Wiley Snell	May 10, 2001
Marvin Morrison	Aug 11, 1992	Richard Berlin Snell	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	James J. Duderstadt	May 8, 2008
Lawrence Douglas Wilder	May 13, 2004	Tom Brokaw	May 2, 2012
Peterson Zah	May 12, 2005	Temple Grandin	May 2, 2012
Blake Edwards	Sep 23, 2005	Eric R. Kandel	May 2, 2012
Lord John Browne	Dec 15, 2005	Lim Chuan Poh	May 2, 2012
Kim Campbell	Dec 15, 2005	Janine M. Benyus	May 9, 2013
Frank H. T. Rhodes	May 11, 2006	Clayton M. Christense	May 9, 2013
Wu Qidi	May 11, 2006	Juan Ramón de la Fuente	May 9, 2013
Jane Dee Hull	Dec 14, 2006	Freeman A. Hrabowski, III	May 14, 2014
J. Craig Venter	May 10, 2007	Pamela A. Matson	May 14, 2014
Leland H. Hartwell	Dec 13, 2007	Joseph E. Stiglitz	May 14, 2014

HONORARY DEGREE CITATIONS

CAROLYN PORCO

Planetary scientist, humanist and science spokesperson Carolyn Porco is respected widely for her dual commitment to excellence in exploration and imaging of the solar system and to sharing with the public the poetry, beauty and adventure inherent in her work. As a young member of the Voyager project's imaging team, she was among the first scientists to work on images of the rings of Saturn, Uranus and Neptune, making a host of acclaimed discoveries that opened the door for a lifetime of scientific work that she understands to be also an exploration, Homeric in scope, of humanity's place in the cosmos.

Porco is now 25 years into leading the imaging science team on NASA's international Cassini mission to the Saturn system. To accomplish this mission, the two-part Cassini-Huygens probe/lander spacecraft was launched in 1997 and reached Saturn on July 1, 2004, after an interplanetary voyage that included flybys of Earth, Venus and Jupiter. On December 25, 2004, the Huygens lander separated from the orbiting Cassini and traveled to Saturn's moon, Titan, where is landed successfully on January 14, 2005. This was the first landing ever accomplished in the outer Solar System. In addition to her role on the Cassini mission, Porco is director of the Cassini Imaging Central Laboratory for OPerationS (CYCLOPS) and CEO of Diamond Sky Productions, a small company committed to the artful presentation of science to the public.

Among the many discoveries from Porco's imaging experiments at Saturn are: the first sightings of Titan's lakes of liquid methane; the discovery of geysers on the south polar region of the small moon Enceladus and the first implication of this finding for subsurface liquid water; the equatorial ridge of the yin-yang moon Iapetus; the cosmic coral nature of Saturn's moon, Hyperion; the azure blue of Saturn's winter hemisphere and detailed views and evolution of the biggest and longest lasting storm on the planet; a subtle but extensive corrugation rippling across the inner rings resulting from a 1980s-era impact onto the rings; and new moon and rings too small or faint to be seen from the Earth. In addition, she personally was responsible for the discovery of one of the Neptune ring arcs; elucidating the behavior of the non-axisymmetric rings and ring edges in the rings of Saturn, Uranus and Neptune; and for predicting in 1993 with Mark Marley that acoustic oscillations within the body of Saturn could produce specific wave features in Saturn's rings. This prediction was verified 20 years later using Cassini observation and demonstrated that planetary rings could serve as a seismograph, giving a window into the interior structure of the planet. Currently, Porco's research focuses increasingly on the study of Enceladus and its more than 100 tall geysers of icy particles that suggest a sub-surface, salty, organics-rich sea beneath the south polar terrain. This Saturnian moon may be home to the most accessible extraterrestrial habitable zone in the solar system. Porco is now a member of a team of scientists proposing to NASA to return to Enceladus to determine whether life has begun on this small icy moon.

A strong advocate for taking images and movies that touch the heart and soul of the public and offering a more understandable connection to taxpayers, Porco has worked with extra diligence to create some of Cassini's finest products and enduring moments. Among these is the mosaic image entitled "The Day the Earth Smiled," a day when, at Porco's command and planning, Cassini turned to image the Earth alongside Saturn's rings as the people of the world smiled back in celebration of the uniqueness of Earth and of life on a pale blue dot. Her acceptance into the International Association of Astronomical Artists space art guild recognized her talent for composition and use of scientific findings to capture images at just the right moment for unusual perspective and color. Porco is committed to and active in public speaking on behalf of science, planetary exploration and the Cassini mission.

Porco's long list of awards and recognition reflect her contributions as a scientist, humanist and artist. They include inclusion in Time magazine's 2012 Top 25 Most Influential People in Space; Carl Sagan Medal of Excellence in the Communication of Science to the Public (2010), New Statesman magazine 2009 Top 50 People Who Matter Today; Lennart Nilsson Award for excellence in scientific photography (2009); Isaac Asimov Science Award, American Humanist Association (2008); the London Sunday Times listing of 18 scientific leaders, The Brains Behind the 21st Century (1999); and the naming of an asteroid in her honor, asteroid 7231 Porco.

Arizona State University is honored to confer upon Dr. Carolyn Porco the degree of Doctor of Science, *honoris causa*, in recognition of her pioneering work in planetary science, artistic success and the inclusion of a broad public in the adventure of science.

JOHN SEELEY BROWN

Described frequently as part scientist, part artist and part strategist, John Seely Brown is an author and researcher who specializes in organizational studies, especially those that investigate organizational implications of computer-supported activities. A master integrator and instigator of productive friction, Brown explores the whitespace between disciplines and builds bridges between disparate organizations and ideas. He is currently a visiting scholar and advisor to the provost at the University of Southern California where he facilitates collaboration between the Schools for Communication and Media and the Institute for Creative Technologies. Brown serves also as the independent co-chair for Deloitte's Center for the Edge. In this position, he focuses on the boundary, or edge, of the global business environment where strategic opportunity is the highest. He pursues research on institutional innovation and a reimagined work environment that is built on digital culture, ubiquitous computing and the need for constant learning and adaptability. His personal research interests include digital youth culture, digital media, and the application of technology to fundamentally rethink the nature of work and institutional architectures in order to enable deep learning across organizational boundaries - in brief, to design for emergence in a constantly changing world. Brown is considered one of the leading contemporary thinkers about ways in which technology impacts modern life, and he is appreciated for his

engaging conversational style and exhausting intellectual range.

Previously chief scientist of Xerox Corporation (1992 to 2002) and director of the Xerox Palo Alto Research Center (1985 to 2000), he guided transformation of the center into multidisciplinary research at the creative edge of applied technology and design, integrating social sciences and arts into the traditional physics and computer science research. Further, he led the expansion of corporate research to include topics such as management of radical innovation, organizational learning, complex adaptive systems and nano-technologies. In 1986, Brown co-founded with James G. Greeno, a professor of education at Stanford University, and with support from the Xerox Foundation, the Institute for Research on Learning, a nonprofit research organization that investigated learning in widely varied settings using collaborative multidisciplinary teams. The institute has been influential in education and knowledge management and in the United States and internationally through development of the concept of a community of practice. Brown is known more generally for his work on ubiquitous computing, service oriented architectures, global innovation networks, social technologies and learning ecologies.

Brown was fascinated by computers even as a teenager in the 1950's. He became proficient on an IBM 650 (one of the first units built for commercial use) while still in high school and participated in a summer business training program at Colgate University before entering Brown University, where he completed undergraduate work in mathematics and physics in 1962. He spent the remainder of the decade at the University of Michigan where he graduated in 1970 with a Ph.D. in computer and communication sciences. He joined the professorate at the University of California-Irvine in 1969 and served as senior scientist with Bolt Baranek and Newman before joining the Xerox Corporation. In 2003, he was the Batten fellow at the University of Virginia Darden Graduate School of Business Administration.

Brown is a member of the National Academy of Education, a fellow in both the American Academy of Arts and Sciences and the American Association for Artificial Intelligence, and a trustee of Brown University and the MacArthur Foundation. He serves on numerous public boards (including Amazon, Corning and Varian Medical Systems), private boards of directors and international advisory boards. Brown is senior fellow on the Design Futures Council and has published more than 100 papers in scientific journals and delivered numerous invited lectures. With Paul Duguid, he co-authored the acclaimed book *The Social Life of Information* that has been translated into nine languages and is now in its second edition. His other books include *The Only Sustainable Edge* (with John Hagel), *The Power of Pull* (with John Hagel) and the *New Culture of Learning* (with Doug Thomas). Brown is a frequent contributor to *BusinessWeek*.

In 1998, Brown was awarded the Industrial Research Institute Medal for outstanding accomplishments in technological innovation and he was inducted in the Industry Hall of Fame in 2004. He holds honorary degrees from Brown University, the London Business School, Claremont Graduate University, the University of

Michigan and North Carolina State University, the Illinois Institute of Technology and Singapore Management University.

Arizona State University is honored to confer upon Dr. John Seely Brown the degree of Doctor of Humane Letters *honoris causa*, in recognition of his broad view of the human contexts in which technologies operate and his leadership in design for emergence in a constantly changing world.

CONFERRING OF DOCTORAL DEGREES

PRESIDENT MICHAEL M. CROW

ANDREW N. WEBBER Vice Provost for Graduate Education

ERIC WERTHEIMER Associate Vice Provost Graduate Education AJAY VINZE Associate Vice Provost Graduate Education

DOCTOR OF PHILOSOPHY

Houssam Youssef Abbas Electrical Engineering

Dissertation: Test-Based Falsification and Conformance Testing for Cyber-Physical Systems Co-Chairs: Georgios E. Fainekos, School of Computing, Informatics, and Decision Systems Engineering; Tolga Mete Duman, School of Electrical, Computer and Energy Engineering

Shawn Patrick Abeita Justice Studies

Dissertation: Sociocultural Perspectives on Sovereignty, Citizenship, Identity, and Economic Development with Implications for Isleta Pueblo Co-Chairs: Bryan Brayboy, School of Social Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Omaya Heidi Ahmad Sustainability

Dissertation: A Systems Approach to Understanding and Mitigating Barriers to Travel Accessibility and Well-being in the West Bank, Palestine Chair: Aaron Golub, School of Geographical

Sciences and Urban Planning

Rafael Fernandez Alvarez Environmental Social Science

Social Science

Dissertation: Urban Political Ecology Of Green Public Space In Mexico City: Equity, Parks And People

Chair: Robert Bolin, School of Human Evolution and Social Change

Sotiria C. Anagnostou Environmental Social Science

Dissertation: Adapting to Climate Change: A Sensitivity Analysis of National Adaptation Programmes of Action Towards Women Chair: Netra B. Chhetri, School of Geographical Sciences and Urban Planning

Antaeres Dawn Antoniuk-Pablant

Chemistry

Dissertation: The Synthesis and Applications of β-Cyanoporphyrins in Molecular Systems for Artificial Photosynthesis Chair: John Devens Gust, Department of Chemistry and Biochemistry

Philip Arcuria Educational Psychology

(Measurement, Statistics and Methodological Studies) Dissertation: Applying Academic Analytics Developing a Process for Utilizing Bayesian Networks to Predict Stopping Out Among Community College Students

Chair: Roy Levy, The Sanford School

Laura Atkinson Curriculum and

Instruction (Special Education) Dissertation: Exploring the Impact of an Urban Teacher Education Program on Teachers' Professional Practices Chair: Sarup Rani Mathur, Division of Educational Leadership and Innovation

Emily Beth Bacal Educational

Psychology (School Psychology) Dissertation: The Relationship between Placement and Social Skills in Gifted Students Chair: Linda Caterino Kulhavy, Division of Educational Leadership and Innovation

Brett Hunter Ball Psychology

Dissertation: Cognitive Control Processes Underlying Continuous and Transient Monitoring Processes in Event-Based Prospective Memory Chair: Gene Brewer, Department of Psychology

Rodger Chesley Benefiel Criminology and Criminal Justice

Dissertation: Positive Administrative Control: A Construct for Assessing Managerial Influences On Rates of Misconduct in Prison Chair: Cassia Cathleen Spohn, School of Criminology and Criminal Justice

Andrew James Berardy Sustainability

Dissertation: Finding the Future of Food: Sustainable Consumption Lessons for and from Veganism Chair: Thomas Payson Seager, School of Sustainable Engineering and the Built Environment

Chandrabali Bhattacharya Chemistry

Dissertation: Small Molecule Probes for Studying Cellular Receptors and Enzymes Chair: Sidney Michael Hecht, Biodesign Institute

Xiaofang Bian Biological Design

Dissertation: Tracking the Humoral Immune Response In Type 1 Diabetes Chair: Joshua LaBaer, Biodesign Institute

Jennifer Kaye Binder Chemistry

Dissertation: Investigating Dynamics Using Three Systems: Cy3 on DNA, MEI Heterodimers, and DNA Processivity Clamps Chair: Marcia Levitus, Department of Chemistry and Biochemistry

Thomas Henry Bleasdale IV

Environmental Social Science Dissertation: Gardens of Justice: Food-Based Social Movements in Underserved, Minority Communities Chair: Sharon Harlan, School of Human Evolution and Social Change

Nadya T. Bliss Applied Mathematics for the Life and Social Sciences (Complex Adaptive Systems Science)

Dissertation: Statistical Signal Processing for Graphs

Co-Chairs: Carlos Castillo-Chavez, School of Mathematical and Statistical Sciences; Manfred Dietrich Laubichler, School of Life Sciences

Daniel Vincent Bommarito English

(Rhetoric, Composition and Linguistics) Dissertation: The Invention of Transformative Agency Collaborative Inquiry as Graduate-Level Mentoring

Chair: Paul Matsuda, Department of English

Luke Berton Borkowski Mechanical Engineering

Dissertation: Multiscale Modeling of Advanced Materials for Damage Prediction and Structural Health Monitoring

Chair: Aditi Chattopadhyay, School for Engineering of Matter, Transport and Energy

Daniel John Boudon Educational Policy and Evaluation

Dissertation: Faculty Perspectives on Critical Pedagogy and Social Justice Chair: Eric Margolis, Hugh Downs School of Communication

Casey Helen Boyd-Swan Public

Administration and Policy Dissertation: Nonparental Child Care during Nonstandard Hours: Who Uses It and How Does It Influence Child Well-being? Chair: Chris M. Herbst, School of Public Affairs

Andrew David Brown Mechanical Engineering

Dissertation: Three Dimensional Characterization of Microstructural Effects on Spall Damage in Shocked Polycrystalline Copper Chair: Pedro D. Peralta, School for Engineering of Matter, Transport and Energy

Crystal Inglese Bryce Family and Human Development

Dissertation: Children's Academic Experiences during First Grade as Precursors of Later Academic Performance Chair: Robert Bradley, The Sanford School

Shelby Renee Cave Geological Sciences Dissertation: The Sentinel-Arlington Volcanic Field, Arizona Chair: Amanda Bachtell Clarke, School of Earth and Space Exploration

Eric John Chapman Environmental Life Sciences

Dissertation: Theoretical and Empirical Investigations of Ecosystem Development in Boreal Wetlands Chair: Daniel L. Childers, School of Sustainability

Sharmeen Amin Mohamed Charania Curriculum and Instruction (Early

Childhood Education)

Dissertation: Understanding Quality in Child Care; Arizona Parents' Perspectives Compared to State Measures of Quality Chair: Elizabeth Blue Swadener, School of Social Transformation

Xiang Chen Physics

Dissertation: Molecular Tunneling Circuits For DNA Base Recognition Chair: Vladimiro Mujica, Department of Chemistry and Biochemistry

Junzilan Cheng Industrial Engineering Dissertation: Mathematical-based Approaches for the Semiconductor Capital Equipment Installation and Qualification Scheduling Problem Chair: John Fowler, W. P. Carey Supply Chain Management

Hiu Yu Cheung History

Dissertation: Sequence of Power: Ritual Controversy over the Zhaomu Sequence in Imperial Ancestral Rites in Song China (960-1279) Chair: Hoyt C. Tillman, School of International Letters and Cultures

Brandon D. Ching Public Administration and Policy

Dissertation: An Intra-City Comparative Analysis of Social Media Use and Deliberative Democracy in Portland, Oregon

Chair: Daniel Schugurensky, School of Public Affairs

Carnell Terry Chosa Justice Studies

Dissertation: Attaching Your Heart: Community Engagement and Innovative Youth Programming with Pueblo Communities

Co-Chairs: Bryan Brayboy, School of Social Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Matthew Charles Cohen Sustainability

Dissertation: Aligning Public Participation Processes In Urban Development Projects to the Local Context

Co-Chairs: Arnim Wiek, School of Sustainability; David Manuel-Navarrete, School of Sustainability

Cean Richard Colcord Curriculum and

Instruction (Special Education) Dissertation: School-Wide Positive Behavior Supports: Fidelity of Implementation in Urban Schools Chair: Sarup Rani Mathur, Division of Educational Leadership and Innovation

Karen Lynn Jiggins Colorafi Nursing and Healthcare Innovation

Dissertation: Patient-Centered Health Information Technology: Engagement With the Plan of Care Among Older Adults With Multi-Morbidities Chair: Gerri Lamb, College of Nursing and Health Innovation

Emily Jane Metz Cooney English

(Rhetoric, Composition and Linguistics) Dissertation: Examining Agency in the Discourse of Rice Farming Chair: Peter Goggin, Department of English

Jessica Regina Corman Biology

Dissertation: Growing Rocks: The Effects of Calcium Carbonate Deposition on Phosphorus Availability in Streams Chair: James Joseph Elser, School of Life Sciences

Cindy Kay Cowles English (Rhetoric,

Composition and Linguistics) Dissertation: Attack of the Fake Geek Girls: Challenging Gendered Harassment and Marginalization in Online Spaces Chair: Keith Douglas Miller, Department of English John Cunningham Religious Studies Dissertation: Irish Priests and Mexicans in Arizona, The Diocese of Tucson, 1945-1970 Chair: Tracy Fessenden, School of Historical, Philosophical and Religious Studies

Naomi Danton English (Rhetoric,

Composition and Linguistics) Dissertation: Development of the French Determiner Phrase in Monolingual and Bilingual First Language Acquisition Chair: Elly Van Gelderen, Department of English

Aritra Dhar Chemistry

Dissertation: Novel Transparent Composite Electrodes and Mixed Oxide Layers for Improved Flexible Electronics Co-Chairs: Terry Lynn Alford, School for Engineering of Matter, Transport and Energy; William T. Petuskey, Department of Chemistry and Biochemistry

Shane Yahlu Dixon Educational

Technology

Dissertation: Evaluating the Impact of an Online English Language Tool's Ability to Improve Users' Speaking Proficiency under Learner- and Sharedcontrol Conditions Chair: Robert Kenneth Atkinson, School of

Computing, Informatics, and Decision Systems Engineering

Qi Dong Business Administration

(Finance) Dissertation: The Exit of Private Equity after

IPOs: Evidence from Secondary Equity Offerings Chair: Marie E. Sushka, W. P. Carey Finance

Anthony Kevin Dorame Justice Studies

Dissertation: Intersections Between Pueblo Epistemology and Western Science in the Community-Based Education Program at the Santa Fe Indian School Co-Chairs: Bryan Brayboy, School of Social Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Bryant Lee Doss Physics

Dissertation: Quantifying Mechanical Heterogeneity in 3D Biological Systems with the Atomic Force Microscope Chair: Robert Ros, Department of Physics

Zhidan Duan History

Dissertation: At the Edge of Mandalas The Transformation of the China's Yunnan Borderlands in the 19th and 20th Century Chair: Stephen R. Mackinnon, School of Historical, Philosophical and Religious Studies

Dennis Martin Dunn Mechanical Engineering

Dissertation: Modeling Particle-Laden Turbulent Flows Using the Conditional Quadrature Method of Moments Chair: Kyle D. Squires, Ira A. Fulton Schools of Engineering

Samuel Ponvarma Ebenezer Electrical

Engineering

Dissertation: Multiple Radar Target Tracking in Environments with High Noise and Clutter Chair: Antonia Papandreou-Suppappola, School of Electrical, Computer and Energy Engineering

Brianna S. Eller Physics

Dissertation: Polarization and Electronic State Configuration of III-N Surfaces and Plasma-Enhanced Atomic Layer Deposited Dielectric Interfaces Chair: Robert John Nemanich, Department of Physics

Mark Grimes Ericson Justice Studies Dissertation: Indigenous Youth as Critical Agents of Biocultural Survivance-Education and Employment in Response to the Challenges of Global Heating and Climate Disruption Co-Chairs: Bryan Brayboy, School of Social Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Rebecca Anne Everett Applied

Mathematics

Dissertation: Applications of the Droop Cell Quota Model to Data Based Cancer Growth and Treatment Models Chair: Yang Kuang, School of Mathematical and Statistical Sciences

Dawn Marie Farmer Music (Music Education)

Dissertation: Urban Music Education: A Critical Discourse Analysis Chair: Sandra Lee Stauffer, School of Music

Daniele Marie Mathras Fay Business Administration (Marketing)

Dissertation: Consumer Confessions Co-Chairs: Adam Cohen, Department of Psychology; Naomi Mandel, W. P. Carey Marketing

Gabrielle Filip-Crawford *Psychology*

Dissertation: Community Interconnectedness and Anti-Gay Behavior: A Test of the Lay Disease-Spread Model of Homosexuality Chair: Steven Laurence Neuberg, Department of Psychology

Karen E. Fisher Biology

Dissertation: Examining the Hypha – a Review of Growth, Cytoplasmic Organization, and Ultrastructure in Select Fungi Chair: Robert Wayne Roberson, School of Life Sciences

Angela Marie Fox Speech and Hearing Science

Dissertation: Phonological Awareness and Executive Function in Children with Speech Sound Impairment Chair: M. Jeanne Wilcox, Mary Lou Fulton Teachers College

Elizabeth Leigh Frias Curriculum and Instruction (Curriculum Studies)

Dissertation: Mindfulness Practitioners in the Classroom: An Exploration of Lived Experiences Chair: Gustavo Enrique Fischman, Division of Educational Leadership and Innovation

Grace A. Gamez Justice Studies

Dissertation: Some of Them are Fierce: Navigating and Negotiating the Terrain of Motherhood as Formerly Incarcerated and Convicted Women Chair: Elizabeth Blue Swadener, School of Social Transformation

Zhaofeng Gan Physics

Dissertation: Characterization of Electrostatic Potential and Trapped Charge in Semiconductor Nanostructures using Off-Axis Electron Holography Co-Chairs: David John Smith, Department of Physics; Martha Rogers McCartney, Department of Physics

Abraham Netzahualcoyotl Aldaco Gastelum Computer Science

Dissertation: A Framework for Screening Experiments and Modelling in Complex Systems Chair: Violet Syrotiuk, School of Computing, Informatics, and Decision Systems Engineering

Janne Elizabeth Gaub Criminology and Criminal Justice

Dissertation: Bad Lady Cops: Explaining Sex Differences in Police Officer Misconduct Chair: Kristy Holtfreter Reisig, School of Criminology and Criminal Justice

Zhizhuang Ge Economics

Dissertation: Essays in Open Economy Development Chair: Galina Vereshchagina, W. P. Carey Economics

Arundhati Ghosh Construction

Management Dissertation: Analyzing the Impact of Building Information Modeling (BIM) on Labor Productivity in Retrofit Construction: Case Study

at a Semiconductor Manufacturing Facility Chair: Allan Dee Chasey, School of Sustainable Engineering and the Built Environment

Sedat Gokalp Computer Science Dissertation: Controversy Analysis: Clustering and Ranking Polarized Networks with Visualizations Chair: Hasan Davulcu, School of Computing, Informatics, and Decision Systems Engineering

Xiaowen Gong Electrical Engineering Dissertation: Wireless Network Design and Optimization: From Social Awareness to Security Chair: Junshan Zhang, School of Electrical, Computer and Energy Engineering

Jorge Gonzalez Theatre (Theatre/

Performance Americas)

Dissertation: New Performance Cartographies in the City of San Juan Chair: Tamara Lou Underiner, School of Film, Dance and Theatre

Nancy Johanna Gray Design,

Environment and the Arts Dissertation: I Create, Therefore I Am: Design Endeavors as a Signal of Self Chair: Jacques R. Giard, The Design School

Sarah Elizabeth Grieve English

(Literature)

Dissertation: Environmental Justice Witnessing in the Modernist Poetry of Lola Ridge, Muriel Rukeyser, Gwendolyn Brooks, and Elizabeth Bishop

Chair: Cynthia Hogue, Department of English

Pritam Sureshlal Gundecha Computer Science

Dissertation: Managing a User's Vulnerability on a Social Networking Site Chair: Huan Liu, School of Computing, Informatics, and Decision Systems Engineering

Nasser Hamdan Civil, Environmental and

Sustainable Engineering Dissertation: Applications of Enzyme Induced Carbonate Precipitation (EICP) for Soil Improvement

Co-Chairs: Bruce Edward Rittmann, Biodesign Institute; Edward Kavazanjian, School of Sustainable Engineering and the Built Environment

Suratna Hazra Biochemistry

Disserta tion: Understanding the Mechanistic Regulation of Rubisco Activase Using Steady State Enzyme Kinetic Analysis of ATPase Activity Chair: Rebekka M. Wachter, Department of Chemistry and Biochemistry

Kalissa Arz Hendrickson English

(Literature)

Dissertation: Affecting Objects; or, The Drama of Imperial Commodities in English Performance, 1660-1800 Co-Chairs: Ayanna Tene Thompson, College of Liberal Arts and Sciences; Devoney Kay Looser, Department of English

Chase Weston Holton Civil,

Environmental and Sustainable

Engineering

Dissertation: Evaluation of Vapor Intrusion Pathway Assessment Through Long-Term Monitoring Studies Chair: Paul Carr Johnson, Ira A. Fulton Schools of Engineering

Insu Hong *Geography*

Dissertation: Deriving an Obstacle-Avoiding Shortest Path in Continuous Space: A Spatial Analytic Approach Chair: Alan Todd Murray, School of Geographical Sciences and Urban Planning

Miyoung Hong Design, Environment and the Arts

Dissertation: Principles of Healthcare Design: Florence Nightingale's Legacy in Tucson's Desert Sanitarium Chair: Beverly Kay Brandt, The Design School

Xia Hu Computer Science

Dissertation: Mining Content and Relations for Social Spammer Detection Chair: Huan Liu, School of Computing, Informatics, and Decision Systems Engineering

Xinhui Hu Computer Science

Dissertation: Economical Aspects of Resource Allocation under Discounts Chair: Andrea W. Richa, School of Computing, Informatics, and Decision Systems Engineering

Xuanyu Huang Justice Studies

Dissertation: Scandal-Driven Regulation of China s Stock Market: Dynamics among the State, Market, and Stockizens Co-Chairs: Gray Cavender, School of Social Transformation; Marjorie S. Zatz, School of Social Transformation

Elizabeth D. Hutchins Molecular and Cellular Biology

Insights Towards Developing Regenerative Therapies: The Lizard, Anolis carolinensis, as a Genetic Model for Regeneration in Anniotes Chair: Kenro Kusumi, College of Liberal Arts and Sciences

Mark Robert Ison Mechanical

Engineering Dissertation: On Enhancing Myoelectric

Interfaces by Exploiting Motor Learning and Flexible Muscle Synergies Chair: Panagiotis K. Artemiadis, School for Engineering of Matter, Transport and Energy

Victoria Louise Jackson History

Dissertation: Title IX and the Big Time: Women's Intercollegiate Athletics at the University of North Carolina at Chapel Hill, 1950-1992 Chair: Brooks D. Simpson, College of Letters and Sciences

Daniel Richard James Physics

Dissertation: Injection Methods and Instrumentation for Serial X-ray Free Electron Laser Experiments Chair: John Charles Spence, Department of Physics

Arturo Jimenez Spanish

Dissertation: Narrativas no-convencionales en cuentistas hispanoamericanos contemporáneos: Iván Thays, Jorge Volpi, Ricardo Chávez Castañeda y Héctor Libertella Chair: Cynthia M. Tompkins, School of International Letters and Cultures

Caitlin Elizabeth Johnston Neuroscience

Dissertation: Mu-Opioid Receptor - pAKT Signaling in the Ventral Tegmental Area is Critical for the Behavioral and Cellular Consequences of Social Stress Chair: Janet Neisewander, School of Life Sciences

Paul Vernon Jones Biochemistry

Dissertation: Development of a New Approach to Biophysical Separations Using Dielectrophoresis Chair: Mark A. Hayes, Department of Chemistry and Biochemistry

Rachelle Geri Jones Curriculum and Instruction (Physical Education)

Dissertation: Maintaining Höchö: Perceptions of Physical Activity, Physical Education and Healthy Living Among Navajo High School Students Chair: Pamela Hodges Kulinna, Division of Educational Leadership and Innovation

Kevin Kane Geography

Dissertation: A Century of Land-Use Change in Metropolitan Phoenix Chair: Breandan O'Huallachain, School of Geographical Sciences and Urban Planning

Yoona Kang Theatre (Theatre For Youth) Dissertation: Deconstructin the Ideology of Nature and Childhood in Korean Child Narratives Chair: Stephani Etheridge Woodson, School of Film, Dance and Theatre

Loni Kantor Anthropology (Archaeology) Dissertation: Wixárika Landscape Conceptualization and Suggestions for Its Archaeological Relevance Chair: Ben A. Nelson, School of Human

Evolution and Social Change

Nasim Karizi Design, Environment and the Arts

Dissertation: An Adaptive Intelligent Integrated Lighting Control Approach for High-Performance Office Buildings Chair: T Agami Reddy, The Design School

Trevor Scott Kashey Biochemistry

Dissertation: Recombinant Electron Donors and Acceptors to and from Reaction Center Particles, and Light-Dependent Menaquinone Reduction in Isolated Membranes from Heliobacterium Modesticaldum

Chair: Kevin Edward Redding, Department of Chemistry and Biochemistry

Elisa Anne Kawam Social Work

Dissertation: Maternal Trauma in a Child Welfare Context: Symptomology, Adult Attachment, and Parenting Style Chair: Judy Lynn Krysik, School of Social Work

Aimee Elizabeth Kessler Biology

Dissertation: Asian Great Bustards: From Conservation Biology to Sustainable Grassland Development Chair: Andrew Thomas Smith, School of Life Sciences

Arash Elhami Khorasani Materials

Science and Engineering Dissertation: Novel Electrical Measurement Techniques for Silicon Devices Chair: Terry Lynn Alford, School for Engineering of Matter, Transport and Energy

Joon Young Kim Kinesiology

Dissertation: Novel Biomarkers and Genetic Variants for Type 2 Diabetes in Latinos Chair: Gabriel Shaibi, College of Nursing and Health Innovation

Jessica Rose Knurick Physical Activity, Nutrition and Wellness

Dissertation: Effects of Postmeal Walking on Postprandial Glucose Control and Oxidative Stresss Chair: Carol S. Johnston, School of Nursing and Health Promotion

Akshay Shashikumar Korad *Electrical Engineering*

Dissertation: Robust Corrective Topology Control for System Reliability and Renewable Integration Chair: Kory W. Hedman, School of Electrical, Computer and Energy Engineering

David Russell Krauter Curriculum and Instruction (Language and Literacy) Dissertation: Small Groups and Figured Worlds: an Analysis of Identities and Literacy Practices in Small-Group Literacy Sessions Chair: Josephine Peyton Marsh, Division of Educational Leadership and Innovation

Shamanth Kumar Computer Science Dissertation: Social Media Analytics for Crisis Response Chair: Huan Liu, School of Computing, Informatics, and Decision Systems Engineering

Prasanth Lade Computer Science Dissertation: Probabilistic Topic Models for Human Emotion Analysis Chair: Sethuraman Panchanathan, Office of Knowledge Enterprise Development

Katherine Elise Larrimore Molecular and Cellular Biology

Dissertation: Plant-made Biologics: Human Butyrylcholinesterase Mutants for the Treatment of Cocaine Addiction-Related Diseases Chair: Tsafrir Shlomo Leket-Mor, Biodesign Institute Andrew Carl Larsen Biological Design Dissertation: Identification and Characterization of Functional Biomolecules by In Vitro Selection Chair: John C. Chaput, Biodesign Institute

Gun Woong Lee Business Administration

(Computer and Information Systems) Dissertation: Understanding the Determinants of Success in Mobile Apps Markets Chair: Raghu Santanam, W. P. Carey Information Systems

Ho-Hsien Lee Biochemistry

Dissertation: Expression, Purification, and Crystallization of CTB-MPR649-684, a Candidate Mucosal Vaccine Component Against HIV-1 Chair: Petra Fromme, Department of Chemistry and Biochemistry

Tae Eui Lee Economics

Dissertation: Essays in Corporate Policy: Dividend Policy, Index Labeling Effect, Investment, and Cash Flow Duration Co-Chairs: Rajnish Mehra, W. P. Carey Economics; Yuri Tserlukevich, W. P. Carey Finance

Cassaundra Renee Leier Communication Dissertation: Why Don't Women Ask? A Mixed Method Analysis of Gender and the Propensity to Initiate a Negation Chair: Janet Kaye Alberts, Hugh Downs School of Communication

Mingming Li Geological Sciences Dissertation: Thermochemical Structure and Dynamics of Earth's Lowermost Mantle Chair: Allen Kieth McNamara, School of Earth

An-Ping Lin Business Administration (Accountancy)

and Space Exploration

Dissertation: Management Earnings Guidance and Future Credit Rating Agency Actions Co-Chairs: Jean A. Hugon, W. P. Carey Accountancy; Stephen A. Hillegeist, W. P. Carey Accountancy

Lei Liu Industrial Engineering Dissertation: Monitoring Complex Supply Chain Chair: George Runger, School of Computing, Informatics, and Decision Systems Engineering

June Lynne Lorenzo Justice Studies

Dissertation: Taking a Moment to Realign Our Foundations: A Look at Pueblo Chthonic Legal Foundations, Traditional Structures in Paguate Village, and Our Foundational Connection to Sacred Places

Co-Chairs: Bryan Brayboy, School of Social Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Richard Luarkie Justice Studies Dissertation: White Man's Moccasins We Have Their Shoes, They Have Our Land The Footprints Left by the US. Trust Doctrine

on Pueblo Indian Peoples and a Suggestion for Transformation Through an Economic Lens Co-Chairs: Bryan Brayboy, School of Social Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Kenneth Brian Lucero Justice Studies Dissertation: Improving the New Mexico Health Care System: Pueblo Core Values and Federal Policy Co-Chairs: Bryan Brayboy, School of Social Transformation; Elizabeth Sumida Huaman,

Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Jose Vicente Lujan Justice Studies Dissertation: An Operational Paradigm Of Cultural Sovereignty At Taos Pueblo Co-Chairs: Bryan Brayboy, School of Social Transformation; K. Tsianina Lomawaima, School of Social Transformation

Danielle Marie Lussier Molecular and Cellular Biology

Dissertation: Increasing T Cell Immunity to Metastatic Osteosarcoma via Modulation of Inhibitory T Cell Receptors Chair: Joseph Nathan Blattman, Biodesign Institute

Joshua Daniel Lyon Industrial

Engineering Dissertation: Deterministic Scheduling for Transmission-Constrained Power Systems Amid Uncertainty Co-Chairs: Kory W. Hedman, School of Electrical, Computer and Energy Engineering; Muhong Zhang, School of Computing, Informatics, and Decision Systems Engineering

Xiaoli Ma Materials Science and Engineering

Dissertation: Synthesis and Characterization of Microporous Inorganic Membranes for Propylene/ Propane Separation Chair: Jerry Y.S. Lin, School for Engineering of Matter, Transport and Energy

Aurelie Rose Marcotte Chemistry

Dissertation: Characterization and Quantification of Trace Metals in Particulate Matter Samples Co-Chairs: Ariel David Anbar, School of Earth and Space Exploration; Pierre E.H. Herckes, Department of Chemistry and Biochemistry

Edith Marsiglia Spanish (Literature) Dissertation: Expressiones Culturales

Transnacionales de la Diáspora: Los Judíos Italianos en Argentina y Uruguay Durante y Después del Período Fascista Chair: Emil Volek, School of International Letters and Cultures

Sara Jane Marsteller Anthropology

Dissertation: Community Identity and Social Diversity on the Central Peruvian Coast: A Bioarchaeological Investigation of Ychsma Diet, Mobility, and Mortuary Practices (c. AD 900-1470) Chair: Kelly Knudson, School of Human Evolution and Social Change

Christopher Martin Martinez English

(Rhetoric, Composition and Linguistics) Dissertation: Tecno-Soveriegnty: An Indigenous Theory and Praxis of Media Articulated Through Art, Technology, and Learning Co-Chairs: Bryan Brayboy, School of Social Transformation; James Paul Gee, Division of Educational Leadership and Innovation

Marcos Martinez Social Work

Dissertation: Familismo and Adolescent Health: The Role of Key Cultural and Familial Processes on Latino Youth Substance Use Chair: Flavio Marsiglia, School of Social Work

Michelle Jean Martinez English

(Literature) Dissertation: Keeping Betty Ugly: Manufacturing Diversity for Network TV Chair: Bambi Haggins, Department of English

Megan S. McAfee Molecular and

Cellular Biology

Dissertation: CD8 T Cell Immunity to Viral Infection: A Balance Between Protective and Pathological Responses Chair: Joseph Nathan Blattman, Biodesign Institute

Scott McClintock Sustainability

Dissertation: Challenges of Advocacy for Sustainability Scientists Chair: Sander Van Der Leeuw, School of Human Evolution and Social Change

Duncan A. McFarland Physics

Dissertation: Measurement of the Branching Ratio For KL to n0 v v Chair: Joseph R. Comfort, Department of Physics

Roger Allen Meade History

Dissertation: Discoveries and Collisions: The Atom, Los Alamos, and the Marshall Islands Chair: Philip R. Vandermeer, School of Historical, Philosophical and Religious Studies

Dinesh Medpelli Chemistry

Dissertation: New Nanostructured Aluminosilicates from Geopolymer Chemistry Chair: Dong Kyun Seo, Department of Chemistry and Biochemistry

James Charles Edwin Mertens Materials Science and Engineering

Dissertation: Quantifying Electromigration Processes in Sn-0.7Cu Solder with Lab-Scale X-Ray Computed Micro-Tomography Chair: Nikhilesh Chawla, School for Engineering of Matter, Transport and Energy Katherine A. Miller Anthropology Dissertation: Family, 'Foreigners', and Fictive Kinship: A Bioarchaeological Approach to Social Organization at Late Classic Copan Chair: Jane Ellen Buikstra, School of Human Evolution and Social Change

Dilofarid Miskinzod Gender Studies Dissertation: The Impact of Men's Labor Migration on the Sexual and Reproductive Health Of Their Left-behind Wives in Tajikistan Chair: Victor Agadjanian, The Sanford School

Stephen A. Mistler *Psychology*

(Quantitative Research Methods) Dissertation: Multilevel Multiple Imputation: An Examination of Competing Methods Chair: Craig Kyle Enders, Department of Psychology

Sharlissa Kristine Moore Human and Social Dimensions of Science and Technology Dissertation: Visions for Sustainable Energy Transformations: Integrating Power and Politics in the Mediterranean Region

Chair: Edward John Hackett, School of Human Evolution and Social Change

Adarsh Nagarajan Electrical Engineering Dissertation: Model Development and Analysis of Distribution Feeders with High Penetration of PV Generation Resources Chair: Raja Ayyanar, School of Electrical, Computer and Energy Engineering

Ngoc Hong Nguyen Geography Dissertation: Understanding the Generative Process in Traditional Urbanism: An Application Using Pattern and Form Languages Chair: Emily Talen, School of Geographical Sciences and Urban Planning

Erin Anacortez Nolan Educational Policy and Evaluation

Dissertation: A Phenomenological, Qualitative Study of Place for Place-Based Education: Toward a Place-Responsive Pedagogy Co-Chairs: Mary Eunice Romero-Little, School of Social Transformation; Teresa L. McCarty, School of Social Transformation

Frederick Michael Ohara Anthropology Dissertation: Suyanisqatsi/Koyanisqatsi, Creating Balance in a Land of Little Water and Burning Rock: Cooperation, Competition, and Climate in the Flagstaff Region of the U.S. Southwest, A.D. 1000-1300 Chair: Michelle Hegmon, School of Human Evolution and Social Change

Veronica Jean Oliver English (Rhetoric,

Composition and Linguistics) Dissertation: The Work of the Puente Movement from April 23rd, 2010–September 6th, 2012: Shifting Dis /Courses and Bridging Differences to Oppose Senate Bill 1070 Chair: Elenore A. Long, Department of English

Darryl William Orletsky Curriculum and

Instruction (Mathematics Education) Dissertation: The Use of Proportional Reasoning and Rational Number Concepts by Adults in the Workplace Chair: James Arthur Middleton, School for

Chair: James Arthur Middleton, School for Engineering of Matter, Transport and Energy

Arturo Ornelas, Jr. Educational Technology

Dissertation: An Instructional Design and Development Research Study with an Interdisciplinary Instructional Design (IdID) Team in Geotechnical Engineering Chair: Wilhelmina C. Savenye, Division of Educational Leadership and Innovation

Robert Louis Oxley Civil, Environmental

and Sustainable Engineering Dissertation: Ecological, Environmental and Hydrological Integrity in Sustainable Water Resources Management for River Basins Chair: Larry W. Mays, School of Sustainable Engineering and the Built Environment

Sindy Yaneth De La Torre Pacheco

Environmental Social Science Dissertation: Governance, Reciprocity, Redistribution and Food Security among Tseltales in Los Altos Chair: Marcus Alexander Janssen, School of Sustainability

Ian Jeffrey Pahk Chemistry

Dissertation: Synthesis and Photophysical Characterization of an Artificial Photosynthetic Reaction Center Exhibiting Acid-Responsive Regulation of Charge Separation Chair: John Devens Gust, Department of Chemistry and Biochemistry

Kimberly Vann Pegram Biology

Dissertation: Iridescent, Distasteful, and Blue: Effectiveness of Short-Wavelength, Iridescent Coloration as a Warning Signal in the Pipevine Swallowtail Butterfly (Battus philenor) Chair: Ronald L. Rutowski, School of Life Sciences

Bruce Richard Erick Peirson Biology

(Biology and Society)

Dissertation: Evolution Under Our Feet: Anthony David Bradshaw (1926-2008) and the Rise of Ecological Genetics Co-Chairs: Jane Ann Maienschein, School of Life Sciences; Manfred Dietrich Laubichler, School of Life Sciences

Lettice E. Pelotte Curriculum and

Instruction (Language and Literacy) Dissertation: Bringing Mormon Discourse out of the Twilight: Exploring how Fans Recognize, Reflect, Reinterpret, and Resist Multiple Discourses in and around the Seductive Saga Chair: Josephine Peyton Marsh, Division of Educational Leadership and Innovation Megan Hayes Piel Social Work Dissertation: Uncharted Territory: Experiences of Foster Care Youth Navigating the Mental Health System as they Age Out of Care Chair: Cynthia A. Lietz, School of Social Work

Brian Joseph Pierre Electrical

Engineering Dissertation: Algorithm and Model Development for Innovative High Power AC Transmission Chair: Gerald Heydt, School of Electrical, Computer and Energy Engineering

Joshua David Podlevsky Molecular and Cellular Biology

Dissertation: Structure-Function Study of Telomerase RNA from Evolutionary Disparate Species: Remarkable Divergence in Gross Architecture with the Preservation of Critical Universal Structural Elements. Chair: Julian J-L Chen, Department of Chemistry and Biochemistry

Laurelann Porter Theatre (Theatre/

Performance Americas)

Dissertation: Dismantling Illusions in and of Paradise Through the Gift of Refraction in the Terra do Exu An Ethnography with Women in Rural Bahia Co-Chairs: Sarah Amira De La Garza, Hugh

Co-Chairs: Sarah Amira De La Garza, Hugh Downs School of Commication; Tamara Lou Underiner, School of Film, Dance and Theatre

Valentina Prado Civil, Environmental and Sustainable Engineering

Dissertation: Stochastic Multi Attribute Analysis for Comparative Life Cycle Assessment Chair: Thomas Payson Seager, School of Sustainable Engineering and the Built Environment

Brian Benjamin Proulx Electrical Engineering

Dissertation: Social Structure in Wireless Networking: Modeling and Utility Chair: Junshan Zhang, School of Electrical, Computer and Energy Engineering

Carolyn Mae Ragatz Curriculum and

Instruction (Special Education) Dissertation: Playing Vocabulary Games and Learning Academic Language With Gifted Elementary Students Chair: David Lee Carlson, Mary Lou Fulton Teachers College

Shankar Ramakrishnan Electrical Engineering

Dissertation: Nano-Bilayer Lipid Membranes hosted on Biogenic Nanoporous Substrates Chair: Michael Goryll, School of Electrical, Computer and Energy Engineering

Rajeev Ranjan Chemistry

Dissertation: Mechanistic Studies of One-Electron Reduced Bipyridine Reactions Relevant to Carbon Dioxide Sequestration Co-Chairs: Daniel A. Buttry, Department of Chemistry and Biochemistry; Ian R. Gould, Department of Chemistry and Biochemistry

Vijay Kumar Ravishankar Computer Science

Dissertation: Real World Strategy for User Centered Approach to Functional Assessment and Design of Age-In-Place Support for Older Adults Chair: Winslow S. Burleson, School of Computing, Informatics, and Decision Systems Engineering

Christopher Stephen Reina Business

Administration (Management) Dissertation: Adapting Leader Behaviors to Achieve Follower Effectiveness: A Mindful Approach to Situational Leadership Co-Chairs: Angelo J. Kinicki, W. P. Carey Management; Suzanne Joanna Peterson, W. P. Carey Management

Aram Rezikyan Physics

Dissertation: Fluctuation Electron Microscopy of Amorphous and Polycrystalline Materials Chair: Michael Matthew John Treacy, Department of Physics

Kristin Deanne Ricklefs Physical Activity, Nutrition and Wellness

Dissertation: The Potential Therapeutic Benefits of Flaxseeds in Treatment of Type 2 Diabetes Symptoms Chair: Karen Leanna Sweazea, School o f

Nursing and Health Promotion

Elise Briggs Riker Business

Administration (Marketing)

Dissertation: 'Love is Messy': On Value-Laden Rescue Institutions as Transformative Services Chair: Laurel Ann Anderson, W. P. Carey Marketing

Francisco Leon Rivero Spanish

Dissertation: Arquitectura y novela: la Sagrada Familia, de Gaudí, en la novela española moderna (Luis Goytisolo, Eduardo Mendoza, Max Aub y Juan Marsé) Chair: Carlos Garcia-Fernandez, School of International Letters and Cultures

Thomas Wade Roberts Civil,

Environmental and Sustainable Engineering

Dissertation: Quantum Resilience Chair: Braden Richard Allenby, School of Sustainable Engineering and the Built Environment

Jennifer Christine Robinson

Communication

Dissertation: Persisting Through the Inevitable: A Qualitative Study Highlighting the Communication and Identity Experiences of Black Male Students at Predominantly White Institutions Chair: Judith N. Martin, Hugh Downs School of Communication

Sue Annie Rodríguez De Jesús Family and Human Development

Dissertation: The Role of Mexican American Siblings in Adolescence and Young Adulthood Chair: Kimberly A. Updegraff, The Sanford School

Laura Veronica Alvarez Rueda Geography Dissertation: Turbulence, Sediment Transport, Erosion, and Sandbar Beach Failure Processes In Grand Canyon Chair: Mark Schmeeckle, School of Geographical

Chair: Mark Schmeeckle, School of Geographical Sciences and Urban Planning

Alicia Marie Rutledge Geological

Sciences

Dissertation: Glacial Processes on Earth and Mars: New Perspectives from Remote Sensing and Laboratory Analyses Chair: Philip R. Christensen, School of Earth and Space Exploration

Justin Robert Ryan Biomedical

Engineering Dissertation: Three Dimensional Printing and Computational Visualization for Surgical Planning and Medical Education Chair: David Frakes, School of Biological and

Health Systems Engineering

Corrine Monica Sanchez Justice Studies Dissertation: Protecting Those Most Vulnerable: Building Beloved Families and Communities To End Violence Against Native Women, Girls and Mother Earth Co-Chairs: Bryan Brayboy, School of Social

Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Subhadip Senapati Chemistry

Dissertation: Studying Biomolecular Structure and Their Interaction Using Atomic Force Microscopy Co-Chairs: Peiming Zhang, Biodesign Institute; Stuart Lindsay, Biodesign Institute

Jose Francisco Arellano Serratos Spanish

Dissertation: Teoría de la Narración en los Ensayos de Juan José Saer: La Novela Latinoamericana, 1960-2000 Chair: David W. Foster, School of International Letters and Cultures

Mohit Sandeep Shah Electrical

Engineering

Dissertation: Context Recognition Methods using Audio Signals for Human-Machine Interaction Co-Chairs: Andreas Savva Spanias, School of Electrical, Computer and Energy Engineering; Chaitali Chakrabarti, School of Electrical, Computer and Energy Engineering

Sandeep Shambhulingaiah Electrical

Engineering

Dissertation: Methodical Design Approches to Multiple Node Collection Robustness for Flip-flop Soft Error Mitigation Chair: Lawrence T. Clark, School of Electrical, Computer and Energy Engineering

Amy Elissa Shapiro Anthropology

Dissertation: Variation in Dental Microwear Textures and Dietary Variation in African Old World Monkeys (Cercopithecidae) Chair: Kaye E. Reed, School of Human Evolution and Social Change

Samridhi Shrestha Biology

Dissertation: The Role of Environmental Education for Biodiversity Conservation: A Case Study in the Protected Areas of Nepal Chair: Andrew Thomas Smith, School of Life Sciences

Michael Greg Silver Educational Policy and Evaluation

Dissertation: Ready or Not: Student Perceptions of the College Readiness Binary and Arizona Move On When Ready Chair: David Charles Berliner, Division of Educational Leadership and Innovation

Jean-Francois P. P. Smekens Geological Sciences

Dissertation: Degassing Processes at Persistently Active Explosive Volcanoes Chair: Amanda Bachtell Clarke, School of Earth and Space Exploration

Catherine Huu Smith Biomedical

Engineering

Dissertation: Feedback Paradigm for Rehabilitation of People with Parkinson's Disease Co-Chairs: James Abbas, Biodesign Institute; Todd Matthew Ingalls, School of Arts, Media and Engineering

Kendra Lindsay Smith Community Resources and Development

Dissertation: University-Community Partnerships: A Stakeholder Analysis Chair: Richard C. Knopf, School of Community Resources and Development

Tamer M. Soliman Psychology

Dissertation: Joint Action Enhances Motor Learning Chair: Arthur Mitchell Glenberg, Department of Psychology

Weisi Song Physics

Dissertation: Nanofluidic Pathways for Single Molecule Translocation and Sequencing — Nanotubes and Nanopores Chair: Stuart Lindsay, Biodesign Institute

Elana Maria Shepherd Stennett Chemistry Dissertation: Photophysical Prope rties and Applications of Fluorescent Probes in Studying DNA Conformation and Dynamics Chair: Marcia Levitus, Department of Chemistry and Biochemistry

Eric Ethan Stout Neuroscience

Dissertation: The Role of Motor Cortical Neuron Subpopulations in the Adaptation of Locomotion Through Complex Environments Chair: Natalia Dounskaia, School of Nursing and Health Promotion

Michele Lori Ann Suina Justice Studies Dissertation: Research Is A Pebble In My Shoe: Considerations for Research From A Pueblo Indian Standpoint

Co-Chairs: Bryan Brayboy, School of Social Transformation; Elizabeth Sumida Huaman, School of Social Transformation

Ketul Bhogilal Sutaria Electrical Engineering

Dissertation: Modeling and Simulation Tools for Aging Effect in Scaled CMOS Design Chair: Yu Cao, School of Electrical, Computer and Energy Engineering

Janice M. Sweeter Journalism and Mass Communication

Dissertation: The C.A.L.L. to Action Model of Community Engagement: Exam ining How Communication, Alliance, Leadership and Leverage Combined to End Chronic Homelessness Among Veterans in Maricopa County, Arizona Chair: Frances Rose Matera, Walter Cronkite School of Journalism

Nima Tajbakhsh Biomedical Informatics Dissertation: Ensuring High-Quality Colonoscopy by Reducing Polyp Miss-Rates Chair: Jianming Liang, Biomedical Informatics

Jiliang Tang Computer Science Dissertation: Computing Distrust in Social Media Chair: Huan Liu, School of Computing, Informatics, and Decision Systems Engineering

Devin Taylor Neuroscience Dissertation: The Roles of Nicotinic Acetylcholine Receptors in the Ventral Tegmental Area: Implications in Nicotine and Ethanol Addiction and Drug Intervention Chair: Michael Foster Olive, Department of Psychology

Russell Henry TerBeek Physics Dissertation: Phenomenology of the N=3 Lee-Wick Standard Model Chair: Richard Lebed, Department of Physics

Brianna Jo Theobald History

Dissertation: "The Simplest Rules of Motherhood": Settler Colonialism and the Regulation of American Indian Reproduction, 1910-1976 Chair: Susan E. Gray, School of Historical, Philosophical and Religious Studies

Craig Frederick Thomas Sustainability

Dissertation: Naturalizing Sustainability Discourse: Paradigm, Practices and Pedagogy of Thoreau, Leopold, Carson and Wilson Chair: Ben A. Minteer, School of Life Sciences

Sabrina C. Thomas History

Dissertation: The Value of Dust: Policy, Citizenship, and Vietnam's Amerasian Children Chair: Rodney Kyle Longley, School of Historical, Philosophical and Religious Studies

Augusta K. Helms Tillery Speech and

Hearing Science

Dissertation: Individual Differences in the Perceptual Learning of Degraded Speech: Implications for Cochlear Implant Aural Rehabilitation Chair: Julie M. Liss, College of Health Solutions

John Jacob Tomlin Chemistry

Dissertation: Synthesis And Characterization Of Dyes And Benzimidazole-Phenols For The Study Of Electron Transfer Chair: Ana L. Moore, Department of Chemistry and Biochemistry

Jillian Juliet Turanovic Criminology and Criminal Justice

Dissertation: The Age-Graded Consequences of Victimization Chair: Michael Reisig, School of Criminology

and Criminal Justice

Kyndra Preeman Turner English

(Literature)

Dissertation: From Frankenstein to District 9: Ecocritical Readings of Classic and Contemporary Fiction and Film in the Anthropocene Chair: Joni Lynn Adamson, Department of English

Zhyldyz Urbaeva Social Work

Dissertation: Women's Autonomy and Utilization of Prenatal Services in Armenia and Azerbaijan: Analysis of the Demographic Health Surveys 2005-2006 Co-Chairs: Judy Lynn Krysik, School of Social Work; Steven Anderson, School of Social Work

Izabela Anna Uscinski Applied Linguistics

Dissertation: Exploring Student Engagement with Written Corrective Feedback in First-Year Composition Courses Chair: Paul Matsuda, Department of English

Daniel Minerbi Vargas Spanish

Dissertation: Migrantes y Exiliados Euiberolatinos: Espacios Creados vía Objetos Desplazados en las Maletas Chair: Manuel De J. Hernandez-G, School of International Letters and Cultures

Alvaro Vargas-Clara Simulation,

Modeling, and Applied Cognitive Science Dissertation: Human Inspired Control System for an Unmanned Ground Vehicle Chair: Sangram S. Redkar, Department of Engineering Technology

Samuel Gregory Vickovic Criminology and Criminal Justice

Dissertation: Correctional Officer Job Stress: The Influence of Perceived Occupational Prestige Chair: Marie Louise Griffin, School of Criminology and Criminal Justice

David Saliba Walsh **Religious** Studies Dissertation: Tlicho Dene Foodways: Hunters, Animals, and Ancestors Chair: Miguel Astor Aguilera, School of Historical, Philosophical and Religious Studies

Pengcheng Wan **Business Administration** (Finance)

Dissertation: Essays in Finance Co-Chairs: Oliver Boguth, W. P. Carey Finance; Yuri Tserlukevich, W. P. Carey Finance

Chao-Shih Wang **Business Administration** (Agribusiness)

Dissertation: Heard It through the Grapevine: Traceability, Intelligence Cohort, and Collaborative Hazard Intelligence Chair: David D. Van Fleet, W. P. Carey Agribusiness

Fengyu Wang Electrical Engineering Dissertation: Improving Deterministic Reserve Requirements for Security Constrained Unit Commitment and Scheduling Problems in Power Systems Chair: Kory W. Hedman, School of Electrical, Computer and Energy Engineering

Jie Wang Biological Design

Dissertation: Cancer Autoantibody Biomarker Discovery and Validation Using Nucleic Acid Programmable Protein Array Chair: Joshua LaBaer, Biodesign Institute

Ran Wang Mathematics

Dissertation: On Choosability and Paintability of Graphs Chair: Henry Andrew Kierstead, School of Mathematical and Statistical Sciences

Shuai Wang Speech and Hearing Science Dissertation: Audiovisual Sentence Recognition in Bimodal and Bilateral Cochlear Implant Users Chair: Michael F. Dorman, Department of Speech and Hearing Science

Jana Lee Wardian Social Work

Dissertation: "I'm going to work with the tool": An Exploration of Diabetes Medication Adherence in African Americans of the Southwest Chair: Flavio Marsiglia, School of Social Work

Scott Daniel Warren Geography

Dissertation: Across Papagueria: Copper, Conservation, And Boundary Security In The Arizona-Mexico Borderlands Chair: Daniel David Arreola, School of Geographical Sciences and Urban Planning

Elizabeth Watterson Psychology

Dissertation: Modeling ADHD: Impulsivity, Hyperlocomotion and Sensitivity to Nicotine in the SHR Strain of Rat Co-Chairs: Federico Sanabria, Department of Psychology; Michael Foster Olive, Department of Psychology

John Curtis Westerdale Mechanical

Engineering

Dissertation: Modeling of Cardiac Function with Particle Image Velocimetry Chair: Ronald John Adrian, School for Engineering of Matter, Transport and Energy

Clair Marie White Criminology and

Criminal Justice

Dissertation: Youth Receiving Treatment Service in the Juvenile Justice System: An Examination of Funding Sources and Recidivism Chair: Michael S. Shafer, School of Social Work

Ashley Erin Wiedenbeck History

Dissertation: The Natural Mother: Motherhood, Patriarchy, and Power in Seventeenth-Century England Chair: Retha Marvine Warnicke, School of Historical, Philosophical and Religious Studies

Wendy Rae Williams Curriculum and

Instruction (English Education) Dissertation: "Listen to the Poet": What Schools Can Learn from a Diverse Spoken Word Poetry Group in the Urban Southwest Chair: James Bryan Blasingame, Department of English

Melissa L. Williamson Curriculum and Instruction (English Education)

Dissertation: "I Wasn't Reinventing the Wheel, Just Operating the Tools": The Evolution of the Writing Processes of Online First-Year Composition Students Chair: James Bryan Blasingame, Department of English

Amanda Lynn Wintersieck Political Science

Dissertation: The Rise and Impact of Fact-Checking in U.S. Campaigns Chair: Kim L. Fridkin, School of Politics and Global Studies

Patricia Ann Wiseman Nursing and Healthcare Innovation

Dissertation: A Pilot Study to Determine the Preliminary Effects of a Theory-Based Intervention (SayNo2Flu) Combined with the Use of Mobile Technology on Parents' Influenza Prevention Beliefs and Behaviors in a Primary Care Setting Chair: Elizabeth Ann Reifsnider, College of Nursing and Health Innovation

Daruo Xie Business Administration (Finance)

Dissertation: A Time-Varying Premium for Idiosyncratic Risk: Its Effects on the Cross-Section of Stock Returns Co-Chairs: Rajnish Mehra, W. P. Carey Economics; Sunii Wahal, W. P. Carey Finance

Dian Xu Chemistry

Dissertation: Elucidating the Molecular Dynamics, Structure and Assembly of Spider Dragline Silk Proteins by Nuclear Magnetic Resonance (NMR) Spectroscopy Co-Chairs: Gregory Peter Holland, Department of Chemistry and Biochemistry; Jeffery Lynn Yarger, Department of Chemistry and Biochemistry

Jay-How Yang Biochemistry

Dissertation: Isolation and Functional Studies of The F-type ATP Synthase from Spinach Chloroplasts and Heliobacterium modesticaldum Chair: Petra Fromme, Department of Chemistry and Biochemistry

Jiseon Yang Microbiology Dissertation: Characterizing the Molecular

Genetic, Phenotypic and Virulence Properties of the Invasive Nontyphoidal Salmonella Strain D23580: An Integrated Approach Chair: Cheryl Nickerson, Biodesign Institute

Ming Yang Electrical Engineering Dissertation: In Support of High Quality 3-D Ultrasound Imaging For Hand-held Devices Chair: Chaitali Chakrabarti, School of Electrical, Computer and Energy Engineering

Jordan Robin Yaron Biological Design Dissertation: Ion Flux Regulates Inflammasome Signaling Chair: Deirdre Ruth Meldrum, Biodesign Institute

Sam Hyun Yoo Sociology

Dissertation: Convergence towards Diversity? Cohort Analysis of Fertility and Family Formation in South Korea Chair: Sarah Hayford, The Sanford School

Jerome Chavez Zamora Applied Linguistics

Dissertation: Mexican Immigrants Traditional and Nontraditional Literacy Practices at Home Prior to Their Children's School Attendance in the United States Chair: Eugene Ernest Garcia, Mary Lou Fulton Teachers College

Lauren Alexis Zbyszinski Curriculum and Instruction (Early Childhood Education) Dissertation: Social-Emotional Development and Approaches to Learning Skill Development Through the Lens of School Readiness Policy and Practice In Arizona: A Case Study Chair: Elizabeth Blue Swadener, School of Social Transformation

Alexander Simon Zevin Biological Design

Dissertation: Characterization of Structure and Function of Microbial Communities in Synechocystis sp. PCC6803 Photobioreactors Co-Chairs: Bruce Edward Rittmann, Biodesign Institute; Rosa Krajmalnik-Brown, School of Sustainable Engineering and the Built Environment

Desai Zhang Materials Science and

Engineering

Dissertation: Characterization of Magnetic Nanostructures Using Off-Axis Electron Holography Co-Chairs: David John Smith, Department of Physics; Martha Rogers McCartney, Department of Physics

Dongling Zhang Justice Studies

Dissertation: Holding up Half the Sky A Feminist Investigation into the Making of the Chinese Urban Female Entrepreneur Co-Chairs: Helen Lan Quan, School of Social Transformation; Nancy C. Jurik, School of Social Transformation

Fei Zhang Chemistry

Dissertation: Self-Assembly of Complex DNA Nanostructures and Reonfigurable DNA Devices Co-Chairs: Hao Yan, Biodesign Institute; Yan Liu, Department of Chemistry and Biochemistry

- Min Zhang Industrial Engineering Dissertation: Small Blob Detection in Medical Images Chair: Teresa Wu, School of Computing, Informatics, and Decision Systems Engineering
- Xuan Zhong Speech and Hearing Science Dissertation: Dynamic Spatial Hearing by Human and Robot Listeners Chair: William A.Yost, Department of Speech and Hearing Science

Zhuoyang Zhou Industrial Engineering Dissertation: A Multi-Sensor Data Fusion Approach for Real-Time Lane-Based Traffic Estimation Chair: Pitu B. Mirchandani, School of Computing, Informatics, and Decision Systems Engineering

Wenfei Zhu Physical Activity, Nutrition and Wellness

Dissertation: Association of Objectively Measured Physical Activity with Cognitive Function in Black and White Older Adults: Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study Chair: Steven Paul Hooker, School of Nursing and Health Promotion

Scott Michael Zinzer Mathematics

Dissertation: One- and Two-Variable p-adic Measures in Iwasawa Theory Chair: Nancy Ellen Childress, School of Mathematical and Statistical Sciences

DOCTOR OF AUDIOLOGY

Trinity Paulina Azevedo Laura Jean Chenier Jennifer Marie Dillehay Kristina Elizabeth Garza Naomi H. Hixson Alexandra Rita Melahn

Tia Anne Mulrooney Christopher Taylor Whitten

DOCTOR OF BEHAVIORAL HEALTH

Thomas Edward Aubrey David Royce Brunick Julie Marie Clement Evan C. Coates Laurie June Cyr-Martel Carl Patrick Hernandez Ashley Janae Hodge April Marie Johnson Hyacinth C. McKee Stacy Glenda Murray-Ogiste Robin Michelle Parker-Brooks Ashley Renee Rieger Gayatri Singh Terri Tajauina Smith Katalin Toth Adam Anthony Will

DOCTOR OF BUSINESS ADMINISTRATION

Tong Cao Global Financial Management Dissertation: Paradox of Inflation: The Study on Correlation between Money Supply and Inflation in New Era Chair: Edward C. Prescott, W. P. Carey School of Business

Zhihai Chen Global Financial Management Dissertation: The Research of Improving Statebacked Private Equity's Competitiveness Chair: Yuhchang Hwang, W. P. Carey School of Business

Shenghua Gao Global Financial

Management

Dissertation: Ownership Structure And Executive Compensation Design- An Empirical Study Chair: Ker-Wei Pei, W. P. Carey School of Businesss

Funing Hou Global Financial

Management

Dissertation: The Significance of Non-Financial Information to the Operation of Commercial Banks – Community Banking as an Example Chair: Bin Gu, W. P. Carey School of Business

Shaojun Jia Global Financial

Management

Dissertation: Study on China's Capital Market Segmentation under Fragmented Regulations Chair: Yuhchang Hwang, W. P. Carey School of Business

Xinjun Liang Global Financial

Management

Dissertation: Valuation Tools of Conglomerates and Their Application in the Case of Fosun International Chair: Ker-Wei Pei, W. P. Carey School of Business

- Zhen Lin Global Financial Management Dissertation: Factors Influencing Automobile Financial Leasing and Risk Control – An Empirical Study on China Automobile Leasing Market Chair: Ker-Wei Pei, W. P. Carey School of Business
- Xin Liu Global Financial Management Dissertation: Research on the Development of Multinational Investment Banks in China Chair: Wei Shen, W. P. Carey School of Business

Xinyi Liu Global Financial Management Dissertation: The Organizational Mechanisms through Which Foreign Strategic Investors Help Improve the Performance of Chinese Commercial Banks: A Qualitative Analysis Chair: Ker-Wei Pei, W. P. Carey School of Business Lei Shi Global Financial Management Dissertation: A Comparative Study of Market and Non-market Mechanism In State-owned Enterprises Management Chair: Yuhchang Hwang, W. P. Carey School of Business

Min Sun Global Financial Management Dissertation: An Investigation of Organizational Strategies to Cope with the Risk of Resource Dependence in China's Power Generation Industry Chair: Wei Shen, W. P. Carey School of Business

Weiren Wang Global Financial Management

Dissertation: Research on Critical Indicators of Shanghai International Financial Center Construction Chair: Bin Gu, W. P. Carey School of Business

Guisheng Yang Global Financial Management

Dissertation: The Impact of Government Subsidy on R&D Input of Enterprise Chair: Yuhchang Hwang, W. P. Carey School of Business

Jin Yang Global Financial Management Dissertation: From Preference to Choice: An Empirical Analysis of Consumer Decision Making in China's Home Interior Decoration Industry Chair: Wei Shen, W. P. Carey School of Business

Ning Zhang Global Financial

Management

Dissertation: Comprhensive Cost Factor Based Analysis of Chinese Tire Industry: An Internatonal Comparative Study Chair: Wei Shen, W. P. Carey School of Business

Jichen Zhao Global Financial

Management

Dissertation: Research on Business Model of SMEs' Financial Service for Commercial Banks Chair: Ker-Wei Pei, W. P. Carey School of Business

Nuan Zhao Global Financial Management

Dissertation: Status and Exploration of Wealth Management Services of China's Trust Industry Chair: Bin Gu, W. P. Carey School of Business

Yan Zhou Global Financial Management Dissertation: Empirical Study on Growth of Merger and Restructuring of Small and Medium-Sized Pharmaceutical Enterprises in China Chair: Ker-Wei Pei, W. P. Carey School of Business

Ye Zhou Global Financial Management Dissertation: A Model Framework to Estimate the Fraud Probability of Acquiring Merchants Chair: Bin Gu, W. P. Carey School of Business

DOCTOR OF EDUCATION

Cassandra Marie Aska Leadership and Innovation (Policy and Administration) Dissertation: Transfer Students' Integration Experiences: A Study of Their Initial Six Weeks at a Receiving Institution Chair: Kathleen S. Puckett, Division of Teacher Preparation

Peter Andrew Bartanen Leadership and

Innovation (Policy and Administration) Dissertation: Kids Rule: Supporting the Individual Needs of Frequent Classroom Disruptors Chair: Kathleen S. Puckett, Division of Teacher Preparation

Mamie Becenti-Begay Educational

Administration and Supervision Dissertation: The Impact of Supplemental Educational Services on Standards Based Assessments Chair: Nicholas Rogers Appleton, Division of Educational Leadership and Innovation

Julie Anne Cleveland Leadership and Innovation (Teaching)

Dissertation: Beyond Standardization: Fostering Critical Thinking in a Fourth Grade Classroom Through Comprehensive Socratic Circles Chair: Erin Rotheram-Fuller, Division of Educational Leadership and Innovation

Steven Raymond Crawford Leadership

and Innovation (Policy and

Administration)

Dissertation: Flipped and Blended: Using Blended Faculty Development to Increase the Use of Technology Among Health Science Faculty Chair: Kathleen S. Puckett, Division of Teacher Preparation

Garth Meichel Cupp Educational

Administration and Supervision Dissertation: The Impact of Length of Engagement in After-School STEM Programs on Middle School Girls Chair: Dee Ann Spencer, Mary Lou Fulton Teachers College

Megan Marie Frankiewicz Educational

Administration and Supervision Dissertation: Counting On: Narratives of Curriculum Policy Implementation Chair: Jeanne Powers, Division of Educational Leadership and Innovation

Wendy Lynn Kubasko Leadership and Innovation (Teaching)

Dissertation: The Principal Network: A Model of Peer Collaboration Around Critical Case Studies of Practice Chair: Erin Rotheram-Fuller, Division of Educational Leadership and Innovation

Lee Ann Lindsey Leadership and

Innovation (Policy and Administration) Dissertation: Preparing Teacher Candidates for 21st Century Classrooms: A Study of Digital Citizenship Chair: Ray Richard Buss, Division of Educational Leadership and Innovation

Bennett Adam Mackinney Leadership and

Innovation (Policy and Administration) Dissertation: From Doing to Being: Nurturing Professional Learning Communities with Peer Observation Chair: Ray Richard Buss, Division of Educational Leadership and Innovation

Carissa Morrison Leadership and

Innovation (Policy and Administration) Dissertation: Co-Constructing College-Going Capital in a Rural High School English Class Chair: Ray Richard Buss, Division of Educational Leadership and Innovation

Kelly Jean Olson-Stewart Leadership and

Innovation (Policy and Administration) Dissertation: New to the State and New to Teaching: Creating Authentic Resilient Educators (C.A.R.E.) Utilizing Digital Narratives Chair: Erin Rotheram-Fuller, Division of Educational Leadership and Innovation

Michelle Lynn Otstot Leadership and Innovation (Teaching)

Dissertation: iEngage, iEducate, and iEmpower: A Collaborative Apprenticeship Project in a "Bring Your Own Technology" School Chair: Ray Richard Buss, Division of Educational Leadership and Innovation

Angela Aracely Palacios Educational

Administration and Supervision Dissertation: The Forgotten: Narratives of Los DREAMers in Arizona Chair: Margarita Jimenez-Silva, Division of Teacher Preparation

Catherine Mary Shanahan Leadership and Innovation (Teaching)

Dissertation: See Yourself in History: Using Imagery and Journaling to Promote Historical Thinking in Secondary World History Chair: Erin Rotheram-Fuller, Division of Educational Leadership and Innovation

Edward F. Sloat Leadership and

Innovation (Policy and Administration) Dissertation: Examining the Validity of a State Policy-Directed Framework for Evaluating Teacher Instructional Quality: Informing Policy, Impacting Practice Co-Chairs: Audrey Lee Beardsley, Division of Educational Leadership and Innovation/West; Keith A. Wetzel, Division of Teacher Preparation

Paula T G Veach Leadership and

Innovation (Policy and Administration) Dissertation: Negotiating Identity: Who Does She Think She Is? Chair: Kathleen S. Puckett, Division of Teacher Preparation

DOCTOR OF MUSICAL ARTS

Christopher M. Charbonneau Music

(Performance)

Dissertation: A Recording and Commissioning Project Aimed at Developing New Repertoire for Pre-College and Early-College Saxophonists Focused on the Early Applications of Extended Techniques Co-Chairs: Christopher Creviston, School of

Music; Sabine Maria Feisst, School of Music

Hannah Christina Leland Music

(Performance)

Dissertation: The "Bad Boy of Music" in Paris: George Antheil's Violin Sonatas Chair: Katherine Elizabeth McLin, School of Music

Emily McIvor Music (Performance)

Dissertation: Training for Music Administration: Meeting the Needs of Future Music Faculty Co-Chairs: Joshua Thomas Gardner, School of Music; Robert Samuel Spring, School of Music

Joseph Henry Millea Music

(*Performance*)

Dissertation: Composing for the Marimba: Tools and Techniques for Composers Chair: Jeffrey Burnell Smith, School of Music

Belinda Paige Music (Performance) Dissertation: "Performance Adrenaline": The Effects of Endorphins, Serotonin, Dopamine, and Adrenaline On the Performing Singer Chair: Carole Fitzpatrick, School of Music

Andrew Donald Pease Music

(Conducting)

Dissertation: An Annotated Bibliography of Symphonies for Wind Band Chair: Gary Wayne Hill, School of Music

Christina Marie Romano Music

(Performance) Dissertation: Alec Wilder and the Development of the Trio for Horn, Tuba and Piano Chair: John Quincy Ericson, School of Music

Tregoney Maren Shepherd Music

(Performance) Dissertation: Steven Lutvak: The Journey Of A Gentleman The History of "A Gentleman's Guide To Love And Murder' Chair: David Britton, School of Music

Bradley Tyler Smith Music (Performance) Dissertation: Don't Listen to Me, I'm Just Your Partner: Ensemble Issues in Duo Settings Chair: Andrew Campbell, School of Music

Serena Lord Weren Music (Conducting) Dissertation: Motivational and Social Network Dynamics of Ensemble Music Making: A Longitudinal Investigation of a Collegiate Marching Band Chair: Gary Wayne Hill, School of Music

DOCTOR OF NURSING PRACTICE

Anita Alaniz—Advanced Nursing Practice Jennifer Gwyn Anderson-Advanced Nursing Practice Anette Andrea Atkinsonmeiklejohn-Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Marni Green Bailey—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Katherine Joy Boone—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Ana Lisa Borkowski—Advanced Nursing Practice (Neonatal Nurse *Practitioner*)

Lacey Ann Carlson—Advanced Nursing Practice (Family Nurse Practitioner) Samantha Bae Casselman—Advanced Nursing Practice (Pediatric Nurse Practitioner) Lillian M. Conmy—Advanced Nursing Practice Michelle Mamaril Davis—Advanced Nursing Practice (Neonatal Nurse Practitioner) Christine Marie Harrison Downey— Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Samantha Haines Ellis—Advanced Nursing Practice (Pediatric Nurse Practitioner) Rachel Finegan—Advanced Nursing Practice (Family Nurse Practitioner) Shannon Elyse Fogg—Advanc ed Nursing Practice (Adult-Gerontology Nurse Practitioner) Tara Jo Gann—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Kristy Ann Grupe—Advanced Nursing Practice (Family Psychiatric and *Mental Health Nurse Practitioner*) Craig J. Hasper—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Amy Lorraine Heckler—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Andrea Lind Horning—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Patricia B. Janicek—Advanced Nursing Practice David A. Jenson—Advanced Nursing Practice (Family Nurse Practitioner) Medina Makena Kamau—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Jacqueline Nicole Kasnot-Advanced Nursing Practice (Adult-*Gerontology Nurse Practitioner*) Lorraine Dee Kempton—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Steji Koshy—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Brooke Kosten—Advanced Nursing Practice (Family Nurse Practitioner) Shuang Linn Krus—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Tasia Marie Trivison Kurland—Advanced Nursing Practice (Adult-*Gerontology Nurse Practitioner*) Nicole Marie Lamar—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Monica Kim Lau—Advanced Nursing Practice (Family Nurse Practitioner)

Melinda Marie Lawrence—Advanced Nursing Practice (Pediatric Nurse Practitioner) Kara L. Mangold—*Advanced Nursing Practice (Innovation Leadership)* Katherine Deanna Marshall—Advanced Nursing Practice (Neonatal Nurse Practitioner) Chitra Mathew—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Wayne Robert McIntosh—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Kathleen Bella McLeod—Advanced Nursing Practice Brittany Morgan—Advanced Nursing Practice (Family Nurse Practitioner) Leslie Ann Moses-Grubenhoff—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Taye Marie Nelson—Advanced Nursing Practice (Pediatric Nurse Practitioner) Tammy L. Ostroski—Advanced Nursing Practice (Innovation Leadership) Linda Judith Osuch—Advanced Nursing Practice (Family Psychiatric and *Mental Health Nurse Practitioner*) Joseph Paul Padilla—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Jennifer Lynn Pierce—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Andrea Marie Pupillo—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Peg M. Schanne—Advanced Nursing Practice Kelly Lynn Schultz—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Melissa Marie Schwan—Advanced Nursing Practice (Pediatric Nurse Practitioner) Erica Leigh Scott—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Amber Victoria Staedtler-Advanced Nursing Practice (Adult-*Gerontology Nurse Practitioner*) Candice Lauren Stewart—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner)

Lindsay Elaine Stream—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Ifiok Akara Umoren—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Herendira Valdez—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Lisa Marie Warren-Heft—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Angela Marie Webb—Advanced Nursing Practice (Family Nurse

Practitioner)

Jennifer Meghan Weitman—Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner) Nanette Kay Whittington—Advanced Nursing Practice (Neonatal Nurse Practitioner) Sharlene Michelle Willock—Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner) Leah Akemi Yamada—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

DAVID GARTNER, JD Associate Dean for Intellectual Life

JAMES G. HODGE JR., JD, LLM Associate Dean for Grants and External Funding and Professor of Law

> ERIC MENKHUS, JD, MBA Associate Dean, New Education Initiatives

MARY SIGLER, JD, PHD Associate Dean of Faculty and Professor of Law

SHELLI SOTO, JD Executive Associate Dean of Student Affairs and Alumni Engagement

JUDITH M. STINSON, JD Associate Dean for Academic Affairs and Clinical Professor of Law

> VICTORIA TROTTA, JD, MLS Associate Dean for the Ross-Blakley Law Library

SANDRA DAY O'CONNOR COLLEGE OF LAW CONVOCATION

1:30 p.m. Wednesday, May 13, 2015 ASU Gammage

***PROCESSION OF FACULTY AND CANDIDATES**

OPENING REMARKS

Dean Douglas J. Sylvester

CONVOCATION ADDRESS

Ray Anderson Vice President for University Athletic Director

PRESENTATION AND HOODING OF LLM CANDIDATES

PRESENTATION AND HOODING OF MASTER OF LEGAL STUDIES CANDIDATES

PRESENTATION AND HOODING OF JD CANDIDATES

CLOSING REMARKS Dean Douglas J. Sylvester

***RECESSION OF FACULTY AND CANDIDATES**

*Audience should stand for these portions of the program.

At its founding, the College of Law at Arizona State University committed itself to innovation. While retaining important aspects of traditional legal education, Dean Willard H. Pedrick and the six well-respected faculty members whom Pedrick recruited to the desert from around the country, embraced a vision of the future of legal education, befitting a young school in a growing city.

Nearly 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, offers a myriad of field placement opportunities, and has a variety of clinics that provide indigent members of the community with valuable legal assistance while offering hands-on experience in both litigation and transactional settings. Each year, approximately 90 percent of students participate in clinics, externships, or pro bono activities.

In the four decades since its founding, the College of Law, now renamed the Sandra Day O'Connor College of Law, has grown in size and national prominence, assembling an acclaimed faculty in the traditionally core areas of legal study 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 through it the College offers the country's only LL.M. in Biotechnology and Genomics, as well as innovative new programs in the Governance of Emerging Technologies; Personalized Medicine, Law & Policy; Public Health Law and Policy; Law and Sustainability; and Information and Communications Technology. The Indian Legal Program is arguably the leading program on Indian law in the country. It offers a strong curriculum, including the LL.M. in Tribal Policy, Law, and Government, the Certificate in Indian Law, and the Indian Legal Clinic, and trains students to be leaders in Indian Country. The College of Law's Center for Law and Global Affairs supports and inspires research, education, and practice regarding emerging forms of transnational governance that extend beyond the traditional paradigms of international law. The College of Law continues to reach further to provide opportunities for its students and graduates with innovative endeavors such as the creation of a nonprofit law firm, an employer outreach initiative, new international licensure programs, 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 the pressing public policy challenges of our time. In short, the Sandra Day O'Connor College of Law remains an innovator, building new models for 21st century public legal education in a dynamic, increasingly diverse, local, national, and global environment.

CANDIDATES FOR THE CUSTOMIZED LLM

Juili Sharad Bhuskute Sixian Gong Ronald W. Meyer Martin F. Sims Janet Smith Xueqiao Zhuang Allyson Anne Zivec

CANDIDATES FOR THE MASTER OF LEGAL STUDIES

Norah Hamad A Alkanhal Taghreed Ibrahim H Aloqayli Oyungerel Bernstein Ronald Leon Burton Tanner John Bush Mohamed Baba Camara Jeffrey Roosevelt Cargile Macaulay Logan Christian Andrew Tanner Ellingson Andrew Robert Gustafson Colleen Marie Kinney Mario Reyes Kirksey Kayla Therese Kort Jacob Anthony Kuna Scott Graham McAllister Hillary Jean Owen Roy Perez Joanna Mary Smith Darren White Terry Curtis Worcester

CANDIDATES FOR THE JURIS DOCTOR DEGREE

Rebecca H. Aduddell Eric John Aiken Cepand Alizadeh Brandon L. Arents Cameron A. Arthur Raven Joaquin Attwood Michael J. Avila James Nicholas Bacon Maryann Josette Barr Steven Laurence Barr Marta Brianna Batiste Sebastien Jean Thomas Bauge Adam Matthew Bean Marcus Jeff Beecher Julianne Begay Jared A. Black Molly Adams Bonsall Kathryn Emma Brown Evan R. Browne-Schlack Paul H. Bruch Garrison A. Burton Skyler Jean Butcher Carolyn Anne Camplain

Emily Ann Campo John Wayne Carlson Kaelen Andrea Chacon Amara Sophia Anne Chorney Joseph V. Citelli Robert Andrew Clarke Daniel C. Cohen Ashley Marie Collins Christine Denise Cooke Christopher Thomas Curran Morgan Roy Daily Joshua K. Davis-Salsbury Mark J. Deluca Robert Justin Dilk Christopher Michael Doran Karen Fiona Dougherty Alexandra Elizabeth Elliott Gioconda Andrea Espinosa Alexis Margaret Farley Trisha Suzanne Farrow Lauren Anne Ferrigni Danny Michael Ford Catherine Jean Frank

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Michael Thomas Reeves—Computer Science Srikanth Reddy Rolla—Computer Engineering (Electrical Engineering) Sintia Victoria Martinez Rosas-Industrial Engineering Kailey Michelle Rumbo-Biomedical Engineering Soham Mukund Sabale-Industrial Engineering Shiv Balaji Sabareeswaran—Mechanical Engineering Akash Mahendra Sadaria—Civil, Environmental and Sustainable Engineering Saurav Sahoo—Mechanical Engineering Sneha Saikia—*Biomedical Engineering* Michelle Armenta Salas—Biomedical Engineering Pratik Sankhe—*Mechanical Engineering* Shivani Amol Saptarishy—Mechanical Engineering Edward Floyd Sarafin, Jr.—Biomedical Engineering Rachita Sarin—Industrial Engineering Aratrik Sarkar—*Electrical Engineering* Saurabh Satija—Computer Engineering (Computer Systems) Trevor John Held Saxman—Biomedical Engineering Puneet Sethi—Information Technology Benjamin Edward Shaffer-Materials Science and Engineering Krunal Rajnikant Shah—Industrial Engineering Rohan Shah—Industrial Engineering Raghuram Shanmugham—Industrial Engineering Priyanka Sharma-Construction Management Satyabrata Sharma—Computer Science Suraj Sunil Sharma-Biomedical Engineering Mitchell Lee Shaw—Construction Management Tyler Dillon Sherman—Chemical Engineering Aniket Ravindra Shirsat—Mechanical Engineering Bradley Dean Shoemaker—Mechanical Engineering Onkar Singh—Industrial Engineering Gaurav Rattan Singla-Electrical Engineering

Raj Dheepak Sivaprakasam-Industrial Engineering Krishnan Sivasailam—Industrial Engineering John Clark Smith—Biomedical Engineering Huan Song—*Electrical Engineering* Pengchao Song—Mechanical Engineering Anurag Venkataramana Soothram-Industrial Engineering Ranjani Sreenivasan-Mechanical Engineering Manoj Bangaru Sreenivasulu-Chemical Engineering Sreekanth Vupputur Srinath—Industrial Engineering Savitha Sundaramoorthi-Computer Science Sharad Kumar Vellore Suresh—Chemical Engineering Meghana Narayana Swamy—Computer Engineering (Electrical Engineering) Matthew Donald Swann—Aerospace Engineering Jennifer Lynn Taggart-Electrical Engineering Zheng Tan—Biomedical Engineering Liangcheng Tang—Computer Engineering (Computer Systems) Min Tang—Software Engineering Keyon Nikoo Tehrani—Biomedical Engineering Maria Leticia Sanchez Tellez-Chemical Engineering Jay Allen Tenison, Jr.—Engineering Shriram Thamodharan—Industrial Engineering Alec Anthony Thimsen-Biomedical Engineering Matthew John Thompson-Civil, Environmental and Sustainable Engineering Anna Christine Thurston-Construction Management Kali Jean Towner—Biomedical Engineering Nguyen Gia Tran—Information Technology Tyson Masanori Tsutsumi—Chemical Engineering Akshay Reddy Tummala—Aerospace Engineering Ravi Teja Uppala-Industrial Engineering Krithika Varadarajan—Industrial Engineering Anthony Javier Varela—Industrial Engineering

Kushagra Varshney—Mechanical Engineering Ishan Devender Vasan—Industrial Engineering Naveen Vasu—Industrial Engineering Varun Vasudevan—Industrial Engineering Santosh Vemula—Mechanical Engineering Jashwanth Rao Venepally—Computer Engineering (Electrical Engineering) Sushma Venkatakrishna—Computer Engineering (Computer Systems) David I. Verhelst-Environmental and Resource Management Nicky Andrew Viloria—Aerospace Engineering Srivikas Vishnubhotla—Computer Engineering (Computer Systems) Natasa Vulic—*Electrical Engineering* Akshya Wadhwani—Industrial Engineering Allen Wads—Industrial Engineering Garret Greg Walliman—Computer Science Mengnan Wang—Industrial Engineering Ran Wang—Computer Science Shifu Wang—*Computer Engineering* (Computer Systems) Yi Wang—*Mechanical Engineering* Yuhao Wang—*Mechanical Engineering* Yujie Wang—*Biomedical Engineering* Yuzhu Wang—Biomedical Engineering Wei Wei-Mechanical Engineering Christopher David Workman-Biomedical Engineering Qiyu Wu—*Electrical Engineering* Jingru Xia—Industrial Engineering Renjie Xu—*Biomedical Engineering* Yifei Xu—*Chemical Engineering* Han Yan—*Mechanical Engineering* Qirui Yang—*Computer Engineering* (Computer Systems) Chang Ye—*Mechanical Engineering* Jianlan Ye—Mechanical Engineering Xiaoyan Ying—Mechanical Engineering Danyang Yu—Mechanical Engineering Feimi Yu—Mechanical Engineering Zhicheng Yu—*Civil*, *Environmental and* Sustainable Engineering Abdulrahman Khalid Yussef-Construction Management Hongzhao Zhou—Mechanical Engineering Jian Zhou—*Electrical Engineering* Tong Zhou—Industrial Engineering Yifan Zhou—*Mechanical Engineering* Jiang Zhu—Aerospace Engineering

MASTER OF SCIENCE IN ENGINEERING

Safiullah Ahmadzai—Electrical Engineering Amal Akbar—Electrical Engineering Veera Anvesh Reddy Alavalapati-Electrical Engineering Travis Andrew Alexander—Electrical Engineering Sri Harsha Amilineni-Electrical Engineering Viswa Naren Amirapu-Electrical Engineering Anmar Ibrahim A Arif-Electrical Engineering Mrinmaya Atre—Electrical Engineering Jeevitha Babu—*Electrical Engineering* Pavan Badiger—*Electrical Engineering* Sai Karthik Baluguri-Electrical Engineering Sumanth Batchu—*Electrical Engineering* Rusmir Begic-Civil, Environmental and Sustainable Engineering Gurudatta Belavadi—*Electrical Engineering* Evan Thomas Benson-Civil, Environmental and Sustainable Engineering Satish Annasaheb Bhadgaonkar-Electrical Engineering Om Milind Bhagwat-Electrical Engineering Ginni Bhambri—*Electrical Engineering* Sandeep Reddy Bheemireddy-Electrical Engineering Tarun Reddy Bolla-Civil, Environmental and Sustainable Engineering Venkata Prashant Bolla—Electrical Engineering RushiDev Buddha—*Electrical Engineering* Xinyue Cao—*Electrical Engineering* Keith B. Capel—*Electrical Engineering* Michael Jerry Cervantez—Engineering *Science (Software Engineering)* Aparajita Chakraborty-Electrical Engineering Aishwarya Chakravarthy-Electrical Engineering Nishanth Chava—Electrical Engineering Ang Chen—*Electrical Engineering* Shuna Chen—*Electrical Engineering* Xiujin Chen—*Electrical Engineering* Yusheng Chen-Electrical Engineering Craig Judd Cheney-Electrical Engineering Akash Chigurupati-Electrical Engineering Parasuraman Sirish Chittoor-Electrical Engineering Mansoorali Mohamadi Companywala-Electrical Engineering

Anila Daliparthi—*Electrical Engineering* Pranav Pranesh Datar—Electrical Engineering Timothy Jordan Davis—*Electrical* Engineering Arvind Keshavamurthy Deshpande-Electrical Engineering Chandranil Pramod Deshpande—Electrical Engineering Deepak Doreswamy-Electrical Engineering Abinaya Elango—*Electrical Engineering* Reid Johnson Elledge—Engineering Science (Software Engineering) Prateek Bangalore Eshanna-Electrical Engineering Jesus Antonio Esquivel-Civil, Environmental and Sustainable Engineering Jierui Fu-Electrical Engineering Venkatesh Gadela—*Electrical Engineering* Cameron Eugene Gatling—*Engineering* Science (Software Engineering) Virender Singh Gill—*Electrical Engineering* Nikhil Gona—Electrical Engineering Namit Gopal-Electrical Engineering Sai Sriharsh Gotety—Electrical Engineering Vaishnavi Govindarajan-Electrical Engineering Reshma Govindaraju-Electrical Engineering Shiqi Guo—*Electrical Engineering* Nalin Gupta—*Electrical Engineering* Parth Kulbhooshan Gupta—Electrical Engineering Piyush Gupta—*Electrical Engineering* Navaneeth Bhadravathi Halesh-Electrical Engineering Linxi Han—Electrical Engineering Elliot Will Hanson—Electrical Engineering Xuan Hu—Electrical Engineering Timothy Joseph Huston-Electrical Engineering Devin Troy Ivie—*Electrical Engineering* Pooja Jagadeesan—Electrical Engineering Venkatesh Thumala Janakiraman-Electrical Engineering Madhusudhan Jayaraman—Electrical Engineering Jianpeng Ji—*Electrical Engineering* Fuyu Jin—Electrical Engineering Josephine Joseph—*Electrical Engineering* Vignesh Kannan—*Electrical Engineering* Maitri Kasimi—Electrical Engineering

Aniket Katyayan—*Electrical Engineering* Varun Kaushik—*Electrical Engineering* Nagendra Ketineni—*Electrical Engineering* Curtis James Kinney—Electrical Engineering Lakshmi Ujvala Koduri—Electrical Engineering Ravikiran Kollipara—Electrical Engineering Anjana Reddy Kommareddi-Electrical Engineering Venugopal Reddy Konatham-Electrical Engineering Karthik Koneru—Electrical Engineering Spurthi Korrapati—Electrical Engineering Ashish Kumar Kota—Electrical Engineering Aishwarya Reddy Kothapalli-Electrical Engineering Shenshen Kou—*Electrical Engineering* Sean Matthew Krauss—Civil, Environmental and Sustainable Engineering Arvind Rama Krishnan-Electrical Engineering Gokul Krishnan—*Electrical Engineering* Ted David Krofssik—Engineering Science (Software Engineering) Sameer Manjunath Kulkarni-Electrical Engineering Samyuktha Kumar—*Electrical Engineering* Sarathananth Kovai Sampath Kumar-Electrical Engineering Vaishnavi Ananganallore Kumar-Electrical Engineering Nitin Kushwaha—Electrical Engineering Darshan Eswaraiah Lalithamma—Electrical Engineering Miguel Angel Landeros-Construction Engineering Narasimha Prudhvi Ranga Rao Lankadasu-Construction Engineering Yi Li-Electrical Engineering Ying Li—*Civil*, *Environmental and* Sustainable Engineering Zhiguang Li—*Electrical Engineering* Mel Lima-Materials Science and Engineering Han Lin—*Electrical Engineering* DongHao Liu—*Electrical Engineering* Geyang Liu—*Electrical Engineering* Shupeng Liu—Electrical Engineering Tianran Liu—*Electrical Engineering* Xuan Liu—*Electrical Engineering* Yuan Liu-Civil, Environmental and Sustainable Engineering Boubou Baidy Lo—*Civil*, Environmental and Sustainable Engineering Jung-Chun Lu—*Electrical Engineering*

Paul Edward Luse—Engineering Science (Software Engineering) Yunxi Ma—*Electrical Engineering* Krishna Pramod Madabhushi—*Electrical* Engineering Ravi Basagouda Magadum—Electrical Engineering Sean P. Malley—*Electrical Engineering* Krishna Anand Mani—*Electrical Engineering* Ganesan Manikandan-Electrical Engineering Vijeyta Sharma Manjunath—Electrical Engineering Manu Prasad Manmathan—Electrical Engineering Chelsea Lynn Mann—*Civil*, *Environmental* and Sustainable Engineering Christopher B. McBride—Engineering Science (Software Engineering) Anudeep Medam—*Electrical Engineering* Angel Rodolfo Lastra Miranda—*Electrical* Engineering Aiswarya Mohan—*Electrical Engineering* Mithun Chandra Mohan-Electrical Engineering Nareen Molleti-Electrical Engineering Seth Benjamin Morales-Civil. Environmental and Sustainable Engineering Sharvani Mukkala—*Electrical Engineering* Nithya Vani Anichetty Murali—Electrical Engineering Rohit Sharad Musalay—Electrical Engineering Nikita Muttreja—*Electrical Engineering* Harihara Sudhen Nagarajan—Electrical Engineering Sabareesh Nagarajan—Electrical Engineering Deudutta Nandakishor Nagori-Electrical Engineering Ashwin Harikumar Nair-Electrical Engineering Adesh Namekumar—*Electrical Engineering* Rajasekhar Reddy Narala-Electrical Engineering Shreyas Banthalpad Narasimhamurthy-Electrical Engineering Venkata Chaitanya Nitta-Electrical Engineering Brian Joe Osburn—Engineering Science (Software Engineering) Shikha Komath Padmakshan-Electrical Engineering Aravindh Padmanabhan-Electrical Engineering

Nikhil Sunil Pai—Electrical Engineering Amardeep Reddy Paluru-Electrical Engineering Venkata Surya Karthikeya Pammi-Electrical Engineering Sanat Kumar Panda—Electrical Engineering Ramana Rao Pandeshwar-Electrical Engineering Vaishaag Harindranath Panegal-Electrical Engineering Srikanth Reddy Paramaiahgari-Electrical Engineering Priyam Jasubhai Patel-Electrical Engineering Anup Reddy Pati—*Electrical Engineering* Anup Suresh Patil—*Electrical Engineering* Katy L. Pingle—*Electrical Engineering* Akshay Madhu Pise—*Electrical Engineering* Shruthi Poloju—*Electrical Engineering* Sairamm Prabakar—*Electrical Engineering* Alma Pradeepan-Civil, Environmental and Sustainable Engineering Pradyoth Koppa Prakash—Electrical Engineering Chandrakanth Kadahalli Puttaswamygowda-Electrical Engineering Akhtar Raaz—Electrical Engineering Ajit Raghunathan—*Electrical Engineering* Sidharth Rajamohan—*Electrical Engineering* Thyagarajan Ramachandran-Electrical Engineering Vasudevan Ramachandran—Electrical Engineering Arun Venkatesh Ramesh-Electrical Engineering Ramprasad Ramesh—*Electrical Engineering* Sai Priya Ramesh—Electrical Engineering Pradeep Rentala—*Electrical Engineering* Jeffrey Daniel Rollins-Electrical Engineering Sidhanto Roy-Electrical Engineering Cory Robert Russell-Civil, Environmental and Sustainable Engineering DipikaaShree Sadasivam—Electrical Engineering Sajan Sahili—*Electrical Engineering* Jaspreet Kaur Sahota—*Electrical* Engineering Alan Mathews Sam—*Electrical Engineering* Shashi Ketan Samal-Electrical Engineering Jason Allen Sanctuary—Engineering Science (Software Engineering) Ashwini Sunil Sande—Electrical Engineering

Raj Pareshkumar Sarvan-Electrical Engineering Gautham Gnana Sekhar-Electrical Engineering Girish Thirukkurungudi Sekar-Electrical Engineering Vinod Sekhar—Electrical Engineering Sudarshan Selvarajan-Electrical Engineering Shashank Bramhasandra Nataraja Setty-Electrical Engineering Anuj Dinubhai Shah—*Electrical Engineering* Vandit Naimish Shah—Electrical Engineering Ankit Sharma—Electrical Engineering Subhashrahul Shekhar—Electrical Engineering Anish Shenai—*Electrical Engineering* Saiman Shetty—*Electrical Engineering* Chao Shi—Electrical Engineering Sanyogita Singh—*Electrical Engineering* Danis Burton Smith—Mechanical Engineering Jayesh Sohanlal—*Electrical Engineering* Xingbo Song—*Electrical Engineering* Chhaya Soni—*Electrical Engineering* Arvindh Soundararajan—*Electrical* Engineering Sudharshan Srimushnam Sredharan-Electrical Engineering Vishnuvardhan Srinivasan—Electrical Engineering Prasanna Sriram—*Electrical Engineering* Jovil Rajesh Benny Stephen—Electrical Engineering Di Su—Electrical Engineering Aswinkumar Subramanian—Electrical Engineering Nandan Kaniyoor Subramanya—Electrical Engineering Sadhana Sundar—*Electrical Engineering* Venkata Shashidhar Surampudi—Electrical Engineering Reema Suresh—*Electrical Engineering* Naga Swaroop Surparaju—Electrical Engineering Peixuan Tan—Electrical Engineering Varsha Thayalakumar-Electrical Engineering Jon William Thomas—Engineering Science (Software Engineering) Kota Venkata Nagendra Varma Tippa-Electrical Engineering Omkar Bhanudas Turewale-Electrical Engineering Srivasavi Uppala—Electrical Engineering

Ravi Chandra Rao Valipe-Electrical Engineering Prudhvi Narayan Vallabhaneni-Electrical Engineering Nitish Vanne—*Electrical Engineering* Hari Vasavan—Electrical Engineering Mounika Vendoti-Electrical Engineering Sindhuja Vijayaraghavan—Electrical Engineering Saisree Vijayaraman—*Electrical Engineering* Nicholas John Vitale-Civil, Environmental and Sustainable Engineering Fei Wang—Electrical Engineering Andrew David Webster—*Engineering* Science (Software Engineering) Liyuan Wei-Electrical Engineering

Craig James Williams—Engineering Science (Enterprise Systems Innovation and Management) Matthew James Wilson-Civil. Environmental and Sustainable Engineering Bin Xiang—Electrical Engineering Lei Xie—*Electrical Engineering* Jiayu Xin—*Electrical Engineering* Yanzhe Xu—*Electrical Engineering* Qixing Yan—Electrical Engineering Xu Yan—Electrical Engineering Himabindu Yarlagadda—Electrical Engineering Haoning Zhang—*Electrical Engineering* Mingzhe Zhang—Electrical Engineering Jiaming Zhu—*Electrical Engineering*

MASTER OF SCIENCE IN TECHNOLOGY

Kari Christie—Technology (Graphic Information Technology) Mentor Dida-Technology (Global Technology and Entrepreneurship) Shannon Rae Green-Technology (Graphic Information Technology) Jason Michael Gutierrez—Technology (Graphic Information Technology) Spencer Scott Hunt-Technology (Management of Technology) Amya Torie Jacobs—Technology (Graphic Information Technology) Sierra Ruthina Johnson-Technology (Graphic Information Technology) Lori Ann Kirby—Technology (Graphic Information Technology) Patrick Thomas Koenig—Technology (Management of Technology) Trenton Gene Lammers—Technology (Environmental Technology Management) Adam Michael Lay-Technology (Graphic Information Technology)

Alexandra Kathleen Morris—Technology (Graphic Information Technology) Emily Jane Pestonjee—Technology (Graphic Information Technology) Alexandra Poujlivaia—Technology (Graphic Information Technology) Vidyashree Rajasekar—Technology (Alternative Energy Technologies) Ricardo Vargas Santa Cruz—Technology (Alternative Energy Technologies) Nicholas David Stuart—Technology (Graphic Information Technology) Shahina P. Supriti—Technology (Mechanical Engineering Technology) Jeremy Paul Valgardson-Technology (Aviation Management and Human Factors) Lepolve Varpilah—Technology (Alternative Energy Technologies) Brandt Edward Vogel—Technology (Environmental Technology Management) Ashley Christine Yost—Technology (Graphic Information Technology)

PROFESSIONAL SCIENCE MASTER'S

Justin Townshend Smith—Solar Energy Engineering and Commercialization

MARY LOU FULTON TEACHERS COLLEGE

MASTER OF ARTS

Victoria Marie Aja-Curriculum and Instruction (Literacy Education) Yvonne Lynn Boettcher-Curriculum and *Instruction (Literacy Education)* Carol Elizabeth Boreen—Curriculum and Instruction (English as a Second Language) Kaitlin Marie Brookshire—Curriculum and Instruction (English as a Second Language) Catherine Sloop Cloer—Curriculum and Instruction (English as a Second Language) Kelsey Ann Cochrane—Curriculum and Instruction (Literacy Education) Alexis Soon Ok Cole-Curriculum and Instruction (English as a Second Language) Aaron Crippen—Curriculum and Instruction (English as a Second Language) Bethany Dibble-Curriculum and Instruction (Accomplished Teaching) Audrey Nicole Donato-Curriculum and Instruction (Accomplished Teaching) Dorothy L. Enders-Curriculum and Instruction (Literacy Education) Laura Lee Engelking-Curriculum and Instruction (Accomplished Teaching) Christina Joelle Greenberg—Curriculum and Instruction (Literacy Education) Brooke Nicole Holthe—Curriculum and Instruction (Literacy Education) Allison Amanda Hooker-Curriculum and Instruction (English as a Second Language) Heather Marie Hughes-Curriculum and Instruction (English as a Second Language)

Lindsey Erin Plait Jones-Curriculum and Instruction (Literacy Education) Kathryn Joy Lanius-Curriculum and Instruction (English as a Second Language) Lindsay Larsen-Curriculum and Instruction (Literacy Education) Lori Lynn Llarena-Curriculum and Instruction (English as a Second Language) Amalia Marie Lopez—Curriculum and Instruction (English as a Second Language) Shomari Gahiji McGinty—Curriculum and Instruction (English as a Second Language) Lindsay Brett Miller-Curriculum and Instruction (Accomplished Teaching) Matthew Robert Milmine—Curriculum and Instruction (Accomplished Teaching) Salena Marie Nickels—Curriculum and Instruction (English as a Second Language) Mariana Julieta Oelschlager-Curriculum and Instruction (English as a Second Language) Melissa Leigh Pemberton-Curriculum and Instruction (English as a Second Language) Nada Ismail Sarsour-Curriculum and Instruction (Literacy Education) Rong Shi—Curriculum and Instruction (Literacy Education) Elizabeth Ashlee Sousa—Curriculum and Instruction (Literacy Education) Dana Cozette Thompson—Curriculum and Instruction (English as a Second Language) Norma Q. Trujillo-Curriculum and Instruction (English as a Second

MASTER OF EDUCATION

Stephanie Renee Acker—Secondary Education (Teacher Certification) Shannon Acosta—Curriculum and Instruction (Teaching and Learning) Danielle Lynne Adams—*Curriculum* and Instruction (Teaching and Learning) Joel Robert Adeline—*Educational* Leadership (Principalship)

Language)

Ana Aguilar-Elementary Education (Teacher Certification Accelerated) Hera Abedi Akhter-Curriculum and Instruction (Applied Behavior Analysis) Tanya Clarissa Alcala-Secondary Education (Teacher Certification) Ian Hurley Allen-Secondary Education (Teacher Certification) Lucas Allpress-Secondary Education (Teacher Certification) Olivia Sylvia Allpress—Secondary Education (Teacher Certification) Nour Almaaz—Curriculum and Instruction (Teaching and Learning) Chelsey Elizabeth Anderson—Secondary Education (Teacher Certification) Latoya Corin Anderson-Curriculum and Instruction (Gifted Education) Whitney Alice Aquilio—*Curriculum and* Instruction (Applied Behavior Analysis) LaTanya Renea Arias—Curriculum and Instruction (Early Childhood Education) Monica Marie Noriz Artea-Educational Leadership (Supervision) Leah Briana Bailey-Elementary Education (Teacher Certification Accelerated) Tracy Lee Balousek-Elementary Education (Teacher Certification Accelerated) BreeAnna Alise DeMarcco Banks-Elementary Education (Teacher Certification Accelerated) Whitney Erin Bannerman-Curriculum and Instruction (Gifted Education) Janine Marie Barbour-Elementary Education (Teacher Certification Accelerated) Josette Marie Barsano-Special Education (Teacher Certification) Brendan Patrick Bartanen—Secondary Education (Teacher Certification) Cheryl Esther Becker ---Elementary Education (Teacher Certification Accelerated) Joy Ann Beffre-Curriculum and Instruction (Early Childhood Education) Jeffrey J. Beickel-Educational Leadership (Principalship) Ashley Leitner Belt-Curriculum and Instruction (Teaching and *Learning*) Myranda Rae Jayne Benallie—Special Education (Teacher Certification)

David Jacob Bier-Secondary Education (Teacher Certification) Sophie Elizabeth Blackman—Curriculum and Instruction (Teaching and Learning) Michelle Blanks-Elementary Education (Teacher Certification Accelerated) Linda Tarry Brasier—Educational Leadership (Principalship) Carey Elizabeth Braswell-Curriculum and Instruction (Teaching and Learning) Alaina Kristen Brekoski—Curriculum and Instruction (Autism Spectrum Disorders) Christopher Michael Brennan-Curriculum and Instruction (Teaching and Learning) Venna Hunting Briggs-Curriculum and Instruction (Autism Spectrum Disorders) Kelly Nicole Brown—Special Education (Teacher Certification) Lauren Rose Brown—Curriculum and Instruction (Early Childhood Education) Tempie Jeree Brunson—*Curriculum and* Instruction (Early Childhood Education) April Genny Brusie—Curriculum and Instruction (Early Childhood Education) Nicole Joi Bryant-Curriculum and Instruction (Applied Behavior Analysis) Jacquelyn Alyse Bunker-Higher and Postsecondary Education Kerry Kathleen Burns-Elementary Education (Teacher Certification Accelerated) Denzel Louis Burrell-Higher and Postsecondary Education Mary Anne Busch-Higher and Postsecondary Education Jessie Christine Bushman-Curriculum and Instruction (Teaching and Learning) Dana Feliz Bustos-Curriculum and Instruction (Early Childhood Education) Christina Marie Butler—Secondary Education (Teacher Certification) Aida Campara—Curriculum and Instruction (Teaching and Learning) Ellen Miller Campbell—Secondary Education (Teacher Certification)

Megan Courtney Campbell—Secondary Education (Teacher Certification) Sasha L. Canales-Educational Leadership (Principalship) Ashley Ann Cannella-Curriculum and Instruction (Teaching and Learning) Alisha Anne Carlos-Curriculum and Instruction (Teaching and Learning) Kellie Ann Caro-Elementary Education (Teacher Certification Accelerated) Katherine Renee Cashwell-Curriculum and Instruction (Teaching and Learning) Raelene Nicole Chacon-Curriculum and Instruction (Teaching and Learning) Aimee Elyce Charles-Special Education (Teacher Certification) Jessica A. Chasse-Curriculum and Instruction (Teaching and Learning) Cassandra Ann Chavarria-Garcia-Curriculum and Instruction (Early Childhood Education) Isabelle Teresa Chavez—Curriculum and Instruction (Autism Spectrum Disorders) Stephanie J. Chavez-Higher and Postsecondary Education Kelsey Ann Cline-Curriculum and Instruction (Autism Spectrum Disorders) Kristen Anne Clyder-Educational Leadership Anita Cole-Curriculum and Instruction (Gifted Education) Jozef Wilmot Colomy-Higher and Postsecondary Education Lillian G. Connell-Higher and Postsecondary Education Valerie Anne Cook-Curriculum and Instruction (Teaching and Learning) Aimee Melissa Cosentino-Curriculum and Instruction (Early Childhood Education) Andrea Renee Cota-Curriculum and Instruction (Teaching and Learning) Stephanie Janene Counts-Educational Technology Brian Eric Coval-Curriculum and Instruction (Applied Behavior Analysis)

Jason Allen Covert—Educational Technology Danielle Elizabeth Crabtree—Secondary Education (Teacher Certification) Julie Anne Crusa—Special Education (Teacher Certification) Alyssa Marie Cruz-Curriculum and Instruction (Teaching and Learning) Ashley Alexandra Cruz—Secondary Education (Teacher Certification) Sheri Theresa Curtis-Curriculum and Instruction (Early Childhood Education) Alice Marie Dahl-Curriculum and Instruction (Autism Spectrum Disorders) Lauren Dalrymple—Special Education (Teacher Certification) Amanda Patricia DArcy—*Elementary* Education (Teacher Certification Accelerated) Ghada M. Darwiche-Curriculum and Instruction (Early Childhood Education) Winston Daniel Davenport-Higher and Postsecondary Education Elizabeth Davis—Elementary Education (Teacher Certification Accelerated) Hilary Dayton-Elementary Education (Teacher Certification Accelerated) Kelsey Dayton-Elementary Education (Teacher Certification Accelerated) Rachel Kylie de Jesus-Curriculum and Instruction (Applied Behavior Analysis) Heather Elise Deats-Elementary Education (Teacher Certification Accelerated) Michelle Anne Del Duca-Curriculum and Instruction (Teaching and Learning) Rianne Joy Delgadillo-Curriculum and Instruction (Early Childhood Education) Stacy Lynn DeMaranville—Curriculum and Instruction (Teaching and Learning) Kerri Ann Denney-Educational Leadership (Supervision) Jennifer Tucker Denton-Curriculum and Instruction (Gifted Education) Lindsay Rose DeTienne-Curriculum and Instruction (Teaching and *Learning*) Steven Joseph Diaz-Curriculum and Instruction (Teaching and Learning)

Erin E. Dietzler-Curriculum and Instruction (Teaching and Learning) Nicholas Ditto-Secondary Education (Teacher Certification) Yvette Ellsworth Dix-Educational Leadership (Principalship) Marissa Lynn Dobbs-Elementary Education (Teacher Certification Accelerated) Danielle Geneve Donofrio-Curriculum and Instruction (Early Childhood Education) Wimberly R. Doran-Higher and Postsecondary Education Esther Madai Duarte-Elementary Education (Teacher Certification Accelerated) Jeanette Carol Dunn-Educational Leadership (Supervision) Jessica Lynne Dykes-Curriculum and Instruction (Applied Behavior Analysis) April Leigh Easterwood-Curriculum and Instruction (Teaching and Learning) Rebecca Anne Edelman—Curriculum and Instruction (Early Childhood Education) Sara Ann Eick—Secondary Education (Teacher Certification) Rola Adel El-Annan—Curriculum and Instruction (Teaching and Learning) Michelle Anne Elitzak-Special Education (Teacher Certification) Julie Marie Ellis-Curriculum and Instruction (Autism Spectrum Disorders) Laura Ann Ellsworth—Secondary Education (Teacher Certification) Megan Nicole Englebrecht-Secondary Education (Teacher Certification) Samantha Garcia Enrique-Special Education (Teacher Certification) Vennesa Milan Eubank-Curriculum and Instruction (Teaching and Learning) Alexandra Renee Fawcett-Curriculum and Instruction (Teaching and Learning) Alec Scott Fillmore—Special Education (Teacher Certification) Erica Virginia Fitzgerald—Special Education (Teacher Certification) Chelsea Lauren Flak-Elementary Education (Teacher Certification Accelerated) Gianna Rose Florio-Curriculum and Instruction (Teaching and Learning)

Danielle Freeman-Higher and Postsecondary Education Brian Kenneth Fritz-Curriculum and Instruction (Teaching and Learning) Michael Dominick Gagliano-Educational Leadership (Principalship) Lady Anne Gonzales Gange-Curriculum and Instruction (Teaching and Learning) Francisco O. Garcia, Jr.-Educational Leadership (Principalship) Samantha Elyse Jensen Gardiner-Secondary Education (Teacher *Certification*) Kate B. Garey-Curriculum and Instruction (Early Childhood Education) Quinn R. Gates-Secondary Education (Teacher Certification) Geoffrey Scott Gerstel-Educational Leadership Tanaya Ghosh—Secondary Education (Teacher Certification) Cathleen Goldschmidt—Educational Technology Sirenia Gonzalez-Curriculum and Instruction (Teaching and Learning) Jeryl Dawn Good-Curriculum and Instruction (Early Childhood Education) Blake Brian Gorle-Elementary Education (Teacher Certification Accelerated) Alexander James Grant-Secondary Education (Teacher Certification) Lindsay Elizabeth Grant-Curriculum and Instruction (Applied Behavior Analysis) Lavader Grant-Suggs-Educational Leadership (Principalship) Kevin Guenthner—Special Education (Teacher Certification) Travis Haggar—Educational Technology Olivia Eloise Haggerty-Curriculum and Instruction (Teaching and Learning) Claire Elizabeth Hansen-Curriculum and Instruction (Autism Spectrum Disorders) Christy Renee Harrell-Educational Leadership ShaeLyn Harris-Curriculum and Instruction (Teaching and Learning) Lynn C. Hartigan-Curriculum and Instruction (Teaching and Learning)

Tiffany Ann Marie Hatzky-Educational Leadership (Principalship) Hilary Kay Heinrichs-Higher and Postsecondary Education Chester Edward Henderson-Higher and Postsecondary Education Baily Jane Hershberger—Secondary Education (Teacher Certification) Kree Hill-Curriculum and Instruction (Teaching and Learning) Samantha Kathryn Hill-Higher and Postsecondary Education Sterling Wayne Hill-Secondary Education (Teacher Certification) Terrace Laine Hill-Secondary Education (Teacher Certification) Shana Elizabeth Hinson-Curriculum and Instruction (Teaching and Learning) Brianne Holland-Stergar-Secondary Education (Teacher Certification) Regina Nicole Holliday-Curriculum and Instruction (Teaching and Learning) Erica Renee Holloway—Elementary Education (Teacher Certification Accelerated) Shayna Marie Horrocks-Curriculum and Instruction (Teaching and Learning) Karla Jo Houghtalin—Curriculum and Instruction (Early Childhood Education) Lindi Morgan Houser-Curriculum and Instruction (Teaching and Learning) Robert Neil Hurst-Secondary Education (Teacher Certification) Christina Marie Husa-Curriculum and Instruction (Teaching and Learning) Alina Michelle Irish—Educational Leadership Mia Alena Itri—Secondary Education (Teacher Certification) Lorinda Marie Jensen—Curriculum and Instruction (Autism Spectrum Disorders) Nichole Athena Jimenez—Educational Leadership (Principalship) Kayla Danielle Johns-Higher and Postsecondary Education Jennifer Elizabeth Johnson-Secondary Education (Teacher Certification) Kathleen Michelle Johnson-Higher and Postsecondary Education

Sadie Gena Johnson-Elementary Education (Teacher Certification Accelerated) Samantha Johnson-Curriculum and Instruction (Early Childhood Education) Holly Lynn Johnston-Educational Leadership Jenell Monique Jones-Curriculum and Instruction (Autism Spectrum Disorders) Justine Marie Jones—Curriculum and Instruction (Autism Spectrum Disorders) Eric Richardson Kane-Curriculum and Instruction (Teaching and Learning) Nicole Elizabeth Kanew-Curriculum and Instruction (Teaching and Learning) Stephen Michael Katzel—Curriculum and Instruction (Teaching and Learning) Bradley Scott Keeney-Educational Leadership (Principalship) Philippa Joanne Kelly-Curriculum and Instruction (Teaching and Learning) Hillary Kay Keovorabouth—Curriculum and Instruction (Early Childhood Education) Peter John Kinkel-Secondary Education (Teacher Certification) Cassie Anne Kinney-Educational Leadership (Principalship) Joesph L. Kinney-Educational Leadership (Principalship) Brian Jeffrey Kitchin-Educational Leadership (Principalship) Gabriel Edward Klemm-Higher and Postsecondary Education Cristina Salvador Klenz-Curriculum and Instruction (Teaching and Learning) Clare Elizabeth Kober-Secondary Education (Teacher Certification) Drew Gregory Koch-Higher and Postsecondary Education Jennifer Kramperth-Special Education (Teacher Certification) Nicolette Sue Kratochvil—Secondary Education (Teacher Certification) Gina Marie Kretowitz-Educational Leadership (Principalship) Nichole Marie Kriewall-Curriculum and Instruction (Teaching and Learning)

Melissa A. Ladensack-Curriculum and Instruction (Early Childhood Education) Xi Lan-Educational Technology Heather Lynne Lange-Curriculum and Instruction (Gifted Education) Kristi Ann Larson-Educational Technology Emma Gene Le Claire—Curriculum and Instruction (Applied Behavior Analysis) Dennise Leamy-Special Education (Teacher Certification) Angela Jovan Lenoir-Secondary Education (Teacher Certification) Matthew Alexander Lindahl—*Elementary* Education (Teacher Certification Accelerated) Mark Lodato—*Higher and Postsecondary* Education Elizabeth Foley Lujan-Secondary Education (Teacher Certification) Hang Thi Mai—Special Education (Teacher *Certification*) Matthew Brian Mandile—Educational Leadership (Principalship) Carlos Jose Manzano-Special Education (Teacher Certification) Lydia Ydette Mapula-Rodriguez-Curriculum and Instruction (Applied Behavior Analysis) Andrew Marcelle-Secondary Education (Teacher Certification) Timothy Allen Marquardt-Special *Education (Teacher Certification)* Leah Allison Martin-Elementary Education (Teacher Certification Accelerated) Kyle Jordan Martinez-Special Education (Teacher Certification) Karli Jean Masker-Curriculum and Instruction (Teaching and *Learning*) Susan Elizabeth Mason—Educational Leadership (Supervision) Rose Marie Mazza-Curriculum and Instruction (Gifted Education) Chelsea Rosemarie McAdams-Curriculum and Instruction (Applied Behavior Analysis) Timothy Michael McCandless—Secondary Education (Teacher Certification) Benjamin Angus McDonald—Educational Leadership Brian Joseph McDonald-Educational Technology Andrew John McGilvray-Curriculum and Instruction (Gifted Education)

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Francesca A. Ayoub Alan Beveridge David Tyler Breen Jason Philip Certilman Denise Ann Christensen Abhishek Garg John Scott Goodson William Booth Greene Cameron Matthew Hildreth Christian Scott Hulme Mollie Anne Jackson Kira Earl Kramlich Tushar Mall Steven Michael Moreno Reid McCaffrey Mosman Brock Christian Nelson Joshua Steven Schripsema Danielle Hana Sher Alexander Billiard Vanderhout Taylor Adriano Wall

MASTER OF SCIENCE

Tracey Ann Adkins—Information Management Ayushi Agrawal—Business Analytics Aimee Elizabeth Aguilar—Information Management Kimberly Teresa Aiello—Management Rashed Thani Rashed Hareb Abdulla Al Dhaheri—Management Hamad Ateeq Rubayea Humaid Aldarmaki—Management Abdullah Mohammed S Alharbi—Global Logistics Amani Ali T Alturki-Information Management Kylee Aerrienne Arnold-Global Logistics Sean Matthew Aronson-Business Analytics Priyadharshini Arumugam-Business Analytics Steven Michael Aultman—Information Management Marisol Ayala-Management Saharsh Reddy Baddam-Global Logistics Suresh Seshadri Bahugudumbi-Information Management Ethan Mitchell Baker-Information Management Reshmi Balakrishnan-Business Analytics Mark Daniel Ballesteros—Information Management Shaunak Pradeepkumar Bangale—Business Analytics John Giles Bartlett-Information Management Brandon Neil Beckwith—Information Management Margot Bernal-Management Mouchumi Bhuyan-Management Garius Bias—Information Management Diana Hansen Boatwright-Information Management David Bocchino-Business Analytics Katherine Marie Brinker—Business Analytics Reema P. Brixius-Information Management Neha Bundela—*Business Analytics* Cody Robert Callahan-Business Analytics Jacob Andrew Cano-Business Analytics Chuanshi Cao-Finance Estevan Miguel Carmona—Management Gerardo Noel Carvajal-Information Management Min Chen-Economics Yuvraj Chibber-Information Management Han Yi Chiu—Business Analytics Dayong Chung—Information Management Chani Lee Clark-Management Timothy David Climo-Business Analytics Jaime Lou Cohen-Management Yigun Dai-Economics Beau Andrew Danielson-Finance Abhishek Gul Daryani—Business Analytics Thilak Dasarathan—Business Analytics Joseph William Desamais-Management Ankit Deval—Business Analytics Rony G. Dib-Information Management Steven David Doucet II-Management James R. Dunlap-Information Management Brooks Edrington-Information Management Katrina Nicole Eory—Business Analytics Gregory Colby Epler-Management Oswaldo Jose Aguero Este-Finance Zachary Barrington Fear-Finance Kyle J. Fox-Global Logistics David Ryan Frost—Business Analytics Emerson Andrew Frostad—Business Analytics Hangjun Fu—Business Analytics Jeffrey M. Galloway—Information Management Jeffrey M. Galloway-Business Analytics Dinah Kathleen Gans-Information Management Jinguang Gao-Finance Yishan Gao—Global Logistics Jorge Alberto Garcia-Business Analytics Michaela Rae Gardiner-Scarla-Management Rahul Garkhail—Business Analytics Jeffery Edward Gerke-Information Management Toshaali Parimal Ghosh—Business Analytics Akashdeep Singh Gill-Information Management Vineeth Gogineni—Business Analytics Zhenfeng Goh-Business Analytics Tushar Robindrakumar Goklanev— Information Management Alyssa Ann Goldstein-Business Analytics Xi Gong—Business Analytics Anna Marie Goodman-Information Management Christopher Nicholas Goodwin-Information Management Jorge A. Erives Grijalva—Management Marissa Edith Grondin-Management Maxwell Groves—Business Analytics Tingying Guo—Business Analytics Weirong Guo-Business Analytics Nipun Gupta—Information Management Siddarth Gupta—Global Logistics Mahan Hadjizadeh—Business Analytics Benjamin Scott Hansen—Business Analytics Xiaomeng Hao—Global Logistics Sean Michael Harris-Information Management Yuya Hirami—Business Analytics Joshua Hjul-Nielsen-Management Doris Hsiao—Business Analytics Ting-Tzu Hsu—*Business Analytics* Yue Hu-Business Analytics Yuan Huang—Business Analytics William Paul Hughes-Information Management

Woi Nam Hwang-Global Logistics Marc Mckay Inman-Information Management Brandon Phillip Janczak-Management Carly Jarchow-Management Kristin Jeong-Business Analytics Yongfeng Jia—Global Logistics Carol A. Johnson-Information Management Aniket Deepak Joshi-Business Analytics Yu Kang—Business Analytics Anvitha Katragadda—Business Analytics Colleen Marie Kay-Information Management Brenda D. Keane-Information Management Paula Ann Kettenburg-Information Management Harsh Vardhan Khaitan-Information Management Adarsh Koneru-Business Analytics Steve Christopher Krueskamp-Information Management Ameya Vijay Kshirsagar-Business Analytics Arjun Raj Mysore Srimandir Kumar-**Business Analytics** Vivek Kumar—Information Management Magnolia C. Albalat Kuncewiecki-Information Management Lingling Lai, Jr.—Business Analytics Nitika Lal-Business Analytics Eric Ronald Laplante—Information Management Jason Michael Larr-Information Management Mengzhen Li-Business Analytics Po-Yang Li—Business Analytics Qiwei Li-Finance Mei Liao-Management Yu-Cheng Lin-Business Analytics Bryan J. Liu-Finance Yongyi Liu-Finance Weiyin Luo-Finance Yiwei Luo-Business Analytics Gary A. Macmonigle-Information Management Neeraj Madan-Business Analytics Jeremy Antone Maierhofer—Business Analytics Dragan Maksimovic-Information Management Tayyiba Jabeen Malik-Information Management Hossein Mansoobi-Management

Rachel Ann Marrs-Management Brenda Jeannette Martinez—Management Luis Guillermo Martinez-Information Management Joelle Marie Tenazas Masangya-Management Bradley Joseph Mayhew—Business Analytics Sihua Meng—Finance Arun Deleep Menon—Information Management Bobby Joe Metcalf-Management Anca Octavia Mihalcescu-Management Helene Kelsey Millon—Business Analytics Faizan Mirza—Information Management Akanksha Pradyumna Mohla—Information Management Robert W. Monk-Information Management Mark Allen Monson-Management Apoorva Rao Munugala—Business Analytics Richard Joseph Mussell-Information Management Jyothi Karthik Nagarajan—Information Management Indu Nair-Information Management Mark Naufel Naufel—Business Analytics Alexa Nieves-Business Analytics Shannon Marie O'Leary-Management Dipti Dharmendra Ojha-Business Analytics Aaron Michael Oliver-Information Management Tiberiu Oprisiu—Information Management Yiwen Pan—Business Analytics Shashank Shekhar Pandey — Management Jennifer Adele Pelton-Management Ruoyang Peng-Business Analytics William Cole Petrosino—Business Analytics Joshua Thomas Phillips-Information Management Crystal Jingying Piao—Management Lauren Elizabeth Pigott-Information Management Gabrielle Elizabeth Plachecki-Business Analytics Scott James Pollock-Information Management David J. Poskevich-Information Management Anand Prakash—Business Analytics Rahul Prasai-Global Logistics Marc Richard Proietto—Management Ankur Raina—Business Analytics Himanshu Ramchandani-Business Analytics Rubinder S. Randhawa-Finance

Mahavir Gautham Rathinam-Information Management Jose Martin Reyes-Information Management Melissa Renee Rhodes—Business Analytics Jason Kenneth Richmond-Information Management Carol Rizzi-Wise-Information Management Blair Jeutter Robertson-Business Analytics Joshua Dudley Robertson—Global Logistics Kelsey Boyd Roderique-Management Liwance Walter Rodrigues-Finance Brian Christopher Rohde—Information Management Robert C. Ross-Business Analytics Brandon Michael Rowe—Information Management Paul Arlen Rumsey-Business Analytics Ashish Suresh Sachdev—Business Analytics Poonam Ajit Sadalge-Information Management Krishna Saikiah—Information Management Lorenzo Andres Sanchez-Business Analytics Steve Daniel Sanelli-Information Management Omar Sarr—Information Management Gautam Madhukar Save-Global Logistics Mindy Elizabeth Schatz—Information Management Mark Semones—Information Management Suraj Narendra Shah—Business Analytics Yueh Chen Shen—Business Analytics Malalay Sherzada-Management Ting-Fen Shih-Global Logistics Benjamin J. Silverman—Information Management Gary Chris Slayden-Information Management Jacob Andrew Smith-Information Management Reid Douglas Smith—Business Analytics Saswati Soumya-Business Analytics Jacqueline Louise Spicer-Information Management Andrew John Stefanich-Global Logistics Jeremy P. Sturgeon-Information Management

Lixun Su—Business Analytics Kaushik Suggu-Business Analytics Harini Sugumar-Information Management Stephanie Ann Swartz-Business Analytics Samson Keene Szeto-Management Stefanie Inez Taylor-Management Mark Johnsen Thude—Information Management Toriano Lee Todachine-Information Management Michael Robert Tolano-Information Management Nangbandji Traore-Information Management Ivan Javier Vega-Information Management Balasubramanian Venkataraman-Business Analytics Richard Michael Verdugo-Information Management Luda Wang-Finance Yi Wang—Global Logistics Yichun Wang-Information Management Yingji Wang-Business Analytics Jordan Lindsay Waterhouse-Management Erich R. Wehrmann-Information Management Ruoxi Wei-Business Analytics Alan E. Weiss-Information Management Akeem Jamal Williams-Information Management Jason Paul Williams-Business Analytics Changlong Wu-Global Logistics Feiwen Wu-Global Logistics Mitchell Lee Wyatt-Information Management Fan Xiao—Business Analytics Anlu Xing-Economics Wenxin Xu—Business Analytics Chia-Chun Yang-Global Logistics Zhenhua Yuan—Business Analytics Wenxi Zhang—Business Analytics Yiran Zhang-Global Logistics Pengyu Zhao-Finance Weijia Zhao—*Finance* Xinxing Zhao—Business Analytics Xinzhu Zhao—Business Analytics Yinan Zhao—Finance Jianqin Zhou-Management

MASTER OF TAXATION

Kelley Kristine Burch Tracy Nicole Carneal Robert Thomas Castellani, Jr. Miguel Catalan Teresa Marie Cianfrocco Daniel Edward Duskin Aaron Taylor Fathe Veronica A. Gonzales David Spencer Hakes Alex Leigh Hartig Maie Magdy Hassanein Brendan Jay Higgins Craig Michael Hoots Sarah Ann Hoyt Ian Alexander Hynd Blake Alexander Koolick Bethany Rachelle Lobaza Brett Aaron Meister Benjamin M. Moffitt Matthew Ross Moffitt Ryan Guy Patrick Brent Robert Pearlstein Jacqueline Marie Prochut Chad Richard Sheppard Jinjing Shi Michael Philip Sincoff Aaron Joseph Stockwell Patrick Roger Stodola Carrie Renee Tremp Susan Lynn Turner John Kelly Walker, Jr. Benjamin Wang Robert Dean Wiley Yao Wu Kyle Robert Young

CRAIG AND BARBARA BARRETT HONORS COLLEGE (Established 1988)

MARK JACOBS, PHD Vice Provost and Dean

MARGARET NELSON, PHD Vice Dean

KRISTEN HERMANN, EDD Associate Dean for Student Services

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

SHANNON RINGENBACH, PHD Associate Dean—Barrett at ASU Downtown Campus

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

CRAIG AND BARBARA BARRETT HONORS COLLEGE CONVOCATION

Tuesday, May 12, 2015 9:00 a.m., Wells Fargo Arena

> PROCESSIONAL Grand Marshal

Mark Jacobs, Dean

PROCESSIONAL MUSIC Phoenix Pipe Band

WELCOME

Mark Jacobs, Dean

OUTSTANDING GRADUATE Kathleen Stefanik

PRESENTATION OF GRADUATES READERS Stephanie DeLusé, Honors Faculty Fellow Mark Henderson, Associate Dean

DIPLOMAS Mark Jacobs, 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 "Best Honors College" in the nation, the college often has more National Merit Scholars than Princeton, Yale or Stanford.

The college is supported by a \$10 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 35 honors faculty fellows and 45 staff members who care about them as individuals. In addition to these full-time honors college personnel there are more than 1800 university faculty members who teach and mentor Barrett students across all four campuses.

The \$140 million Barrett campus in Tempe was designed by students, faculty and staff working with nationally-renowned architects. The Barrett complex functions as its own small honors community on the ASU Tempe campus 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 Summer Abroad destinations include France, Greece, Italy, Germany, Spain, the British Isles, South America and China. Barrett students receive national and international graduate scholarships such at Rhodes, Truman and Marshall Scholarships. They take advantage of unique undergraduate research and internship opportunities, such as those available at the Translational Genomics Research Institute, the governor's office, Congress, the White House, or on Wall Street. Barrett students attend social and cultural events, publish poetry in the honors literary publication *LUX*, shadow doctors at the Mayo Clinic, and work with professors in the Biodesign Institute on the latest developments in nanotechnology. Many honors students seek leadership opportunities and find fulfillment in serving others, both on campus and in the larger metropolitan community. Barrett students also have opportunities to meet with individuals renowned for contributions in their fields, such as retired U.S. Supreme Court Justice Sandra Day O'Connor, former CNN anchor Aaron Brown, authors Guy Dauncey and David Kessler, and photographer Joel Meyerowitz.

Signature Events

Barrett hosts two signature events annually, the Centennial Lecture and the Rhodes Lecture. In 1985, the Flinn Foundation established an endowment to commemorate ASU's 100th year. The gift created the ASU Centennial Lecture, and in 1989 it provided the Barrett Honors College the resources to bring some of the world's most influential intellects to campus. The Centennial Lecture has become one of ASU's premier intellectual events featuring noted diplomats, scientists, playwrights, and authors. Each Centennial Lecturer has helped to strengthen the university and has provided students and community members with a memorable experience. 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, Sandra Postel, Director of the Global Water Policy Project, and co-creator of Change the Course, the national freshwater conservation and restoration campaign, and author of several acclaimed books, including the award-winning *Last Oasis*.

The Rhodes Lecture is given by the John J. Rhodes Chair in Public Policy and American Institutions at Barrett. The Chair was created 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 2015 Rhodes Chair was Dr. Mary Frances Berry, who served as chairperson of the U.S. Civil Rights Commission for more than four decades, and was the first woman to head a major research university, serving as chancellor at the University for Colorado at Boulder. In her inspiring lecture, Dr. Berry inspired students to continue the fight for equal rights and liberties for all Americans, and to spread the idea of peace, community and justice. Dr. Berry currently is the Geraldine R. Segal Professor of History at University of Pennsylvania in Philadelphia.

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 resident halls for 1700 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.

Multiple upgrades to the Barrett Honors College facilities on Downtown, Polytechnic and West campuses have taken place – featuring honors student lounges, libraries, kitchens, computer labs, student activity and study rooms, faculty and administrative offices, and honors residential communities.

Barrett at the Downtown Campus is home to about 500 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 new 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 new Casa de Oro, a residence hall that opened in fall 2012. 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.

Steve Abdi-Moradi

Major: Psychology – College of Liberal Arts and Sciences Title: Abortion: An objective lens of the history, beliefs, and political actions Director: Jane Maienschein, School of Life Sciences

Hasana Abdul-Quadir

Major: Family and Human Development – College of Liberal Arts and Sciences Title: Examining the Processes that Reflect Heterogeneity in Maritally Satisfied Couples Director: William Griffin, T. Denny Sanford School of Social and Family Dynamics

Garrett James Abeln

Major: Geography -

College of Liberal Arts and Sciences Second Major: Political Science –

College of Liberal Arts and Sciences Title: Gis Visualization of New York City Photography Studios ca 1839-1880 Director: WenWen Li, School of Geographical Sciences & Urban Planning

Maxie Phyllis Adler

Major: Art (Fibers) –

Herberger Institute for Design and the Arts Title: other people's stuff: an exhibition of woven and printed structures Director: Erika Hanson, School of Art

Gregory John Adrian

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Thermal evolutionary potential in Drosophila melanogaster after successive generations without exposure to the initial temperature Director: Michael Angilletta, School of Life Sciences

Jared Patrick Ahern

Major: Business (Law) – W. P. Carey School of Business Second Major: Political Science –

College of Liberal Arts and Sciences Title: A Comparative Analysis of German/ American Films Post-WWII/Vietnam Director: Christopher Bradley, Department of English

Shirin Jose Ahmadpour

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

Second Major: Master of Mass

Communication – Walter Cronkite School of Journalism and Mass Communication *Title: AZ Hype Hip Hop Squad Public Relations Campaign*

Director: Wendy Hultsman, School of Community Resources and Development

Jonathan William Alfson

Major: Physics – College of Liberal Arts and Sciences Second Major: Mathematics – College of Liberal Arts and Sciences Title: Computer-Aided Space-Time-Energy Budgets for Round-Trip Relativistic Excursions Director: Richard Jacob, Department of Physics

Denysia Monique Allen

Major: Biochemistry – College of Liberal Arts and Sciences Title: Development of Mutants of the Anti-HIV Protein, Cyanovirin, that Illustrate an Enriched Binding Affinity and Glycan Specificity Via Computational Methods Director: Giovanna Ghirlanda, Department of Chemistry & Biochemistry

Jason Kenneth Allen

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Carbon Dioxide Reduction via Functionalized Protein/Organometallic Complexes Director: Giovanna Ghirlanda, Department of Chemistry & Biochemistry

Amber Chari Allison

Major: Family and Human Development – College of Liberal Arts and Sciences Title: A Guide to Eastern European and Russian Adoption Director: Denise Bodman, T. Denny Sanford School of Social and Family Dynamics

Nicholas Alexander Amoroso

Major: Computer Information Systems – W. P. Carey School of Business Second Major: Finance –

W. P. Carey School of Business Title: ASU Carbon Neutrality Decision Model Director: Dan Brooks, Department of Supply Chain Management

Mitchell Garrett Andreas

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Finance – W. P. Carey School of Business Title: Rethinking the Stadium's Role in the Age of Fantasy Football Director: Mary Ingram-Waters, Barrett, The Honors College

Lauren Mckenzie Applegate

Major: Health Sciences – College of Health Solutions Title: Physician Assistant Utilization in the Emergency Department Increases Satisfaction Scores Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Ulises Araiza

Major: History – College of Liberal Arts and Sciences Second Major: Spanish – College of Liberal Arts and Sciences Title: Rivera & Livramento: Linguistic Identity on the Uruguay-Brazil Border Director: Edward Escobar, School of Transborder Studies

Alesandro Antonio Arcuri

Major: Mathematics (Statistics) – College of Liberal Arts and Sciences Title: Modeling the Division of Labor through Network Interactions Director: Nicolas Lanchier, School of Mathematical & Statistical Sciences

Jessica Ann Armfield

Major: Family and Human Development – College of Liberal Arts and Sciences Title: Evaluations in the City of Phoenix Head Start Agencies Director: Mary Anne Duggan, T. Denny Sanford School of Social and Family Dynamics

Michelle Marie Arnold

Major: Biochemistry – College of Liberal Arts and Sciences Second Major: Spanish – College of Liberal Arts and Sciences Title: Healthcare Provider/Patient Relationships and LGB Women's Health Director: Rose Weitz, School of Social Transformation

Jordan M. Arvayo

Major: Kinesiology – College of Health Solutions Title: Perceptions of inter-conception health care in racial/ethnic minority women who have experienced stillbirth: Informing interventions Director: Jennifer Huberty, School of Nutrition and Health Promotion

Christian Edward Askin

Major: Management (Entrepreneurship) – W. P. Carey School of Business Second Major: Marketing – W. P. Carey School of Business Title: Travel Elite: Providing Authentic Local Experiences Around the World Director: Duane Miller, Department of Management

Stephanie Faye Assi

Major: Political Science – College of Liberal Arts and Sciences Title: How Fantasy Fans Manage Conflicting Loyalties Between Their Fantasy Teams and Favorite Teams Director: Mary Ingram-Waters, Barrett, The Honors College Amber-Leigh Attanasio Major: Psychology – College of Liberal Arts and Sciences Second Major: Biological Sciences (Biology and Society) – College of Liberal Arts and Sciences Title: Perception, Advertising, and Reality of American Organic Products Director: Jennifer Brian, Barrett, The Honors College

Al-Homam Awad

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: Betavoltaic Powered Implantable Pacemakers Director: Keith Holbert, School of Electrical, Computer and Energy Engineering

Julian Aziz

Major: Finance – W. P. Carey School of Business Second Major: Computer Information Systems – W. P. Carey School of Business Title: 401(k) Plans: Do You Get What You Pay For? Director: Sunil Wahal, Department of Finance

Ivan Babanovski

Major: English (Literature) – College of Liberal Arts and Sciences Second Major: Sociology – College of Liberal Arts and Sciences Title: Ecstasy of the Game: Play-Space and Desire in Nabokov's Lolita and Cortázar's Hopscotch Director: Gregory Castle, Department of English

Audree Baker

Major: Management – W. P. Carey School of Business Second Major: Business (Communication) – W. P. Carey School of Business Title: Gender Inequality in the Venture Capital Industry Director: Peggy Lee, Department of Management

Laine Baker

Major: Sustainability – School of Sustainability Title: Occupied Profile: Modern Political Organizing in the Face of Terrorism Analysts and Social Media Surveillance Director: Mary Ingram-Waters, Barrett, The Honors College

Shantanu Bala

Major: Computer Science – Ira A. Fulton Schools of Engineering Second Major: Psychology – College of Liberal Arts and Sciences Title: Exploring the Design of Vibrotactile Cues for Visio-Haptic Sensory Substitution Director: Sethuraman Panchanathan, School of Computing, Informatics, & Decision Systems Engineering

Amy Lynn Baldwin

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Learning the Initial Lexicon in Translating Natural Language to Formal Language Director: Chitta Baral, School of Computing, Informatics, & Decision Systems Engineering

Edwin Alexander Baldwin

Major: Molecular Biosciences and Biotechnology –

College of Liberal Arts and Sciences Title: Incorporation, Expression, and Retained Enzymatic Activity of Six Tryptophan Analogues in Dihydrofolate reductase at Positions 30 and 47 Director: Sidney Hecht, Department of Chemistry & Biochemistry

Kevin Ryan Balzer

Major: Mathematics (Statistics) – College of Liberal Arts and Sciences

Second Major: Economics – College of Liberal Arts and Sciences Title: Player Optimization in the National Football League: Creating a Winning Franchise

Director: Brian Goegan, Department of Economics

Bryn Sarah Barasha

Major: History – College of Liberal Arts and Sciences Second Major: Sociology – College of Liberal Arts and Sciences Title: How George Washington's Generalship and Presidency Constituted Early American Republican Ideals. Director: Catherine O'Donnell, School of Historical, Philosophical and Religious Studies

Andrew Robert Barkan

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: Variable Stiffness Treadmill (VST): Design, Development, and Implementation of a Novel Tool for the Investigation of Human Gait Director: Panagiotis Artemiadis, School for Engineering of Matter, Transport & Energy

Rachael Lauren Barrett

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Detection of Antibiotic-Resistant Mycobacteria using Bacteriophage Amplification and MALDI-TOF MS Director: Shelley Haydel, School of Life Sciences

Colin Patrick Barry

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Engineering Patient Specific Implants for Laryngectomy Procedures Director: Vincent Pizziconi, School of Biological and Health Systems Engineering

Michael Joseph Bartelt Major: Journalism and Mass Communication - Walter Cronkite School of Journalism and Mass Communication Second Major: English (Literature) -College of Liberal Arts and Sciences Title: Poems for the Future President Director: Rosemarie Dombrowski, College of Letters and Sciences Christopher Joseph Barton Major: Sustainability -School of Sustainability Title: Filming Our Other: The Creation of Nature through Popular Film Director: Ronald Broglio, Department of English Erin Michaela Barton Major: Sustainability -School of Sustainability Title: A Study of Yard-Scale Climate Effects in Phoenix, Arizona Director: Sharon Hall, School of Life Sciences Jillian Amanda Bauman

Major: Business (Global Politics) – W. P. Carey School of Business

Second Major: Management – W. P. Carey School of Business Title: Marketing and Managing Sustainability with the Arizona Diamondbacks: Increasing Organizational Commitment and Participation to Spark Social Change in the Valley Director: John Eaton, Department of Marketing

Elena Maria Bautista-Hobin

Major: Biological Sciences (Animal Physiology and Behavior) – College of Liberal Arts and Sciences Title: Instagram and Adoption Rates: The Impact of Proactive Social Media on Adoption Rates at the Arizona Animal Welfare League Director: Ben Minteer, School of Life Sciences

Alexander Becker

Major: Business (Law) – W. P. Carey School of Business Title: Boilerplate and Voluntary Contractual Ignorance Director: Lora Koretz, Department of Management

David Lukas Belohlavek

Major: Biochemistry (Medicinal Chemistry) – College of Liberal Arts and Sciences Title: Citrate Synthase Activity of Thermally Adapted Drosophila Melanogaster Director: Michael Angilletta, School of Life Sciences Major: Global Studies – College of Liberal Arts and Sciences Second Major: German – College of Liberal Arts and Sciences Title: Dynamics of Literacy and Community Among Latino Families Director: Arthur Glenberg, Department of Psychology

Kristen Leigh Bennett

Major: Kinesiology – College of Health Solutions Title: Cycle Therapy improves body fat in Adolescents with Down Syndrome Director: Shannon Ringenbach, Barrett, The Honors College

Linnea Christine Bennett

Major: Political Science – College of Liberal Arts and Sciences Title: The XX Effect: Partisanship and Bipartisanship of Women in the U.S. Senate Director: Gina Woodall, School of Politics and

Global Studies Dana Paige Bennewitz

Major: Civil Engineering – Ira A. Fulton Schools of Engineering Title: The Legal Adventures of Frankie and Rosie Director: Thomas Martin, Barrett, The Honors College

Alicia Meigh Benson

Major: Biological Sciences (Animal Physiology and Behavior) – College of Liberal Arts and Sciences *Title: The Effect of Exercise Therapy on Cognitive Function in Adolescents with Down Syndrome Director: Shannon Ringenbach, Barrett, The Honors College*

Ruthie Berk

Major: Supply Chain Management – W. P. Carey School of Business Title: Original Extended Play: The Production and Marketing Plan Director: Lonnie Ostrom, Department of Marketing

Ryan Berns

Major: Finance – W. P. Carey School of Business Title: Investing and Information Management Theory: Calculated Risk Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Nishat Bhuiyan

Major: Kinesiology – College of Health Solutions Title: Prompt-To-Action Text Messages for Increasing Physical Activity Director: Marc Adams, School of Nutrition and Health Promotion Drew Adair Blasco Major: Global Health – College of Liberal Arts and Sciences Second Major: Psychology – College of Liberal Arts and Sciences Title: Differences in Use of Terms to Describe Obesity as Compared to Gender, Ethnicity, and Own BMI and Stigma Implications for Health Director: Amber Wutich, School of Human Evolution & Social Change Samuel Harris Blitz Major: Physics – College of Liberal Arts and Sciences Second Major: Mathematics –

College of Liberal Arts and Sciences Title: Comparison of the Mesonic and Diquark Effects on Tetraquark States via Resonance Synchronization with Thresholds Director: Richard Lebed, Department of Physics

Courtney Block

Major: English (Literature) – College of Liberal Arts and Sciences Title: Incorporating Literature in Medical Curricula: A Case Study of Imperatives from the Vanguard of Medical Humanities Director: Mark Lussier, Department of English

Mitchell Cole Bobman

Major: Urban Planning – College of Liberal Arts and Sciences Title: Effects of Smart City Infrastructure on Millennial Migration Director: Elizabeth Mack, School of Geographical Sciences & Urban Planning

Alexandra Nicole Boden

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Sustainability – School of Sustainability Title: Sustainability Assessment of a Local Coffee Shop Director: Nicole Darnall, School of Sustainability

Jessica Ann Boehm

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Downwind: Documenting life downwind of the Nevada Test Site Director: Steven Elliott, Walter Cronkite School of Journalism and Mass Communication

Scott Bohmke

Major: Accountancy – W. P. Carey School of Business Title: Improving Public Accounting: A Practical Application of Information Measurement Theory Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment Rae Nicole Boileau Major: Psychology – College of Liberal Arts and Sciences Title: Development of Brief Memory Tests for Use with Pet Dogs Director: Clive Wynne, Department of Psychology

Rebecca Allison Booker

Major: Marketing – W. P. Carey School of Business Second Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: The Use and Future of Applications in Mobile Marketing Director: Amy Ostrom, Department of Marketing

Lindsey Bosak

Major: English (Literature) – College of Liberal Arts and Sciences Second Major: History –

College of Liberal Arts and Sciences Title: Conversing with Angels: John Dee and His Quest for Divine Knowledge Director: Andrew Barnes, School of Historical, Philosophical and Religious Studies

Chloe Joan Bosmeny

Major: Marketing – W. P. Carey School of Business Second Major: Design Studies (Design Management) – Herberger Institute for Design and the Arts *Title: Fashion Certificate at W.P. Carey School* of Business Director: Amy Ostrom, Department of Marketing

Taylor Nicole Bowman

Major: History -

College of Liberal Arts and Sciences Title: Archetypes of Crusaders Portrayed in Film and Their Use as Tools to Serve Contemporary Goals Director: Volker Benkert, School of Historical,

Philosophical and Religious Studies

Rachel Diane Bradley

Major: Finance – W. P. Carey School of Business Title: Intel Collaborative Thesis Director: Mark Simonson, Department of Finance

Marion Zoe Branch Kelly

Major: Materials Science and Engineering – Ira A. Fulton Schools of Engineering Title: Environmental Effect of Removing Lead from IC Processing Director: James Adams, School for Engineering of Matter, Transport & Energy Daniela Patricia Brandlin Major: Management – W. P. Carey School of Business Title: The Impact of Emotional Intelligence on Team Effectiveness and Firm Performance: The Case of Top Management Teams. Does IQ or EQ (Emotional Intelligence) matter more in Top Management Teams? Director: Suzanne Peterson, Department of Management

Jennifer Lauren Brandon Major: Marketing – W. P. Carey School of Business Second Major: Art (Art History) – Herberger Institute for Design and the Arts Title: Attacking Iraq: The New York Times' Coverage of the Looting of Iraq Antiquities Director: Nancy Serwint, School of Art

Ryan Mark Brazones

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: Measuring and Profiling the Magnetic Field Produced by Live Current in Power Transmission Lines with the use of a UAV Director: David Allee, School of Electrical, Computer and Energy Engineering

Katherine Alysse Brewer

Major: Global Health – College of Liberal Arts and Sciences Second Major: History – College of Liberal Arts and Sciences Title: Knowledge and Attitudes of American Collage Students about the Affordable Care A

College Students about the Affordable Care Act Director: Monica Gaughan, School of Human Evolution & Social Change

Joseph Connor Brinkman

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Validation of the ACT24 Physical Activity Recall for Sedentary and Active Behaviors Director: Matthew Buman, School of Nutrition and Health Promotion

Ellen Elizabeth Brooks

Major: Biological Sciences (Conservation Biology and Ecology) – College of Liberal Arts and Sciences Title: Preen Oil Composition in Haemorhous mexicanus Director: Kevin McGraw, School of Life Sciences

Cole Truman Brown

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Dose Isoflurance Cause Elevated Plasma Glucose Concentrations in a Dose-Response Manner in Rats? Director: Bruce Towe, School of Biological and Health Systems Engineering Co-Director: Richard Herman, School of Life Sciences Major: Biomedical Engineering -Ira A. Fulton Schools of Engineering Title: Textile Displacement Sensor Director: Jeffrey LaBelle, School of Biological and Health Systems Engineering

Lauren Elizabeth Brunacini

Major: Aerospace Engineering (Astronautics) -

Ira A. Fulton Schools of Engineering Title: Experimental Validation of a Computational Fluid Dynamics Spray Pattern Simulation for a Bi-propellant Liquid Rocket Engine Injector Plate Assembly Director: Marcus Herrmann, School for

Engineering of Matter, Transport & Energy

Jordan Alexander Ross Brunner

Major: Political Science -

College of Liberal Arts and Sciences Title: The Prince in the People in the Graveyard of the Empires: A Thought Exercise on Niccolo Machiavelli, State Reform & Constitutional Dictatorship Director: Avital Simhony, School of Politics and Global Studies

Kaylee Marie Buchholtz

Major: English (Creative Writing) -College of Liberal Arts and Sciences

Second Major: Women and Gender Studies -College of Liberal Arts and Sciences Title: The Undoing Project Director: Jennifer Brian, Barrett, The Honors College

Alexander Budgett

Major: Supply Chain Management -W. P. Carey School of Business Title: Procurement in Public & Private Hospitals in Costa Rica and Australia: the Roles of Centralization & Policy Director: Eugene Schneller, Department of Supply Chain Management

Monica Catherine Burba

Major: Global Studies -College of Liberal Arts and Sciences Title: The Story of REACH as told by Monica Burba and Jenna Smith Director: Michael Mokwa, Department of Marketing

Daryl John Burton

Major: Management (Entrepreneurship) -W. P. Carey School of Business Title: Reliance Dashboard: Management Metrics Analysis Director: Marcie LePine, Department of Management

Major: Biochemistry -College of Liberal Arts and Sciences Title: Hepatic inflammatory response following high fat diet in adolescent male Sprague-Dawley rats Director: Karen Sweazea, School of Nutrition and Health Promotion Claire Cambron Major: Biochemistry -College of Liberal Arts and Sciences Second Major: Biological Sciences (Genetics, Cell and Developmental Biology) - College of Liberal Arts and Sciences Title: Whole Exome Sequencing: What it is and how it can help Director: Jeffrey LaBelle, School of Biological and Health Systems Engineering Taylor Marie Camiliere Major: Biochemistry -College of Liberal Arts and Sciences Second Major: Psychology -College of Liberal Arts and Sciences Title: Determining the effects of serving as a peer educator in an eating disorders prevention program Director: Marisol Perez La Mar, Department of Psychology

Alicia Marie Canales

Major: Journalism and Mass Communication - Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass Communication - Walter Cronkite School

of Journalism and Mass Communication Title: Medical Storytelling: The Power of a Patient's Testimony Director: Kathleen Dixon, School of Nutrition and Health Promotion

Andrew Celaya

Major: Mechanical Engineering -Ira A. Fulton Schools of Engineering Title: Localized Mechanical Failure of Hastelloy-X at High Temperatures Director: Pedro Peralta, School for Engineering of Matter, Transport & Energy

Felix D. Cervantes III

Major: Public Service & Public Policy (Criminology) - College of Public Service and Community Solutions Title: Confronting College Sexual Misconduct through the Implementation of New Prevention Policies Director: Kevin Desouza, College of Public Service and Community Solutions

Matthew Joseph Calhoun

Rohin Chabra

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: In-Situ Magnetic Separations Protocals Director: David Nielsen, School for Engineering of Matter, Transport & Energy

Nathaniel Gerald Chaisson

Major: Engineering (Automotive Systems) – Ira A. Fulton Schools of Engineering Title: Prosthetic Foot Fatigue Testing Director: Mark Henderson, Barrett, The Honors College

Catherine Chan

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

Second Major: Marketing -

W. P. Carey School of Business Title: A New Balanced Scorecard: Supplier Metrics Measuring Supplier Performance in the Automotive Industry Director: Michele Pfund, Department of Supply Chain Management

Kayla Rose Chan

Major: English (Literature) – College of Liberal Arts and Sciences Title: The Differences in Language Use Between Men and Women on Twitter and the Potential Application Towards Social Media Marketing Campaigns Director: Karen Adams, Department of English

Eric Chang

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: Digit Control during Object Handover Director: Stephen Helms Tillery, School of Biological and Health Systems Engineering

Matthew William Charnell

Major: Supply Chain Management – W. P. Carey School of Business Title: Performance Metrics of US Renewable Energy Initiatives Director: Antonios Printezis, Department of Supply Chain Management

Divyash Chhetri

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences *Title: Insights Into Neocortical Neurogenesis Through Computational Analysis* Director: Manfred Laubichler, School of Life Sciences

Robert Jay Chiang

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering *Title: Prioritizing Projects on Time and Cost Savings for a More Efficient Manufacturing*

Process of a Semiconductor Manufacturing Company

Director: Mark Simonson, Department of Finance

Sungjae Thomas Cho

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Course Karma: Online Community of Student Driven Learning Director: Liam Mayron, School of Computing, Informatics, & Decision Systems Engineering

Sarah Maria Chon

Major: Psychology -

College of Liberal Arts and Sciences Title: A Twin Study Approach to Toddler Mental Health: Maternal Depression, Discipline Practices, and Hispanic Ethnicity Director: Kathryn Lemery-Chalfant, Department of Psychology

Yasmynn Chowdhury

Major: Microbiology – College of Liberal Arts and Sciences Second Major: Global Health – College of Liberal Arts and Sciences Title: A Survey of Lectin Reactivity to Coccidioides in Infected Human Lung Tissue and Identification of Lectin-Binding Coccidiodal Glycoproteins Director: Doug Lake, School of Life Sciences

Caroline Marie Clark

Major: Biochemistry (Medicinal Chemistry) – College of Liberal Arts and Sciences Title: Self-Immolative Linker-Based Cancer Therapies Director: George Pettit, School of Public Affairs

Jasmine Miranda Clarke-Telfer

Major: Business (Urban Policy) – W. P. Carey School of Business Title: Operation Recreation: Enhancing Program Delivery to Boy Scouts Director: Ariel Rodriguez, School of Community Resources and Development

Victoria Lee Clausen

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Business (Sustainability) – W. P. Carey School of Business Title: Food Insecurity in America: An Analysis of Our Distribution Problem and the Potential of Urban Farming Director: Craig Carter, Department of Supply Chain Management Julie Marie Cleaton Major: Anthropology –

College of Liberal Arts and Sciences Title: Ebola Virus Networks in the News: Transmission Dynamics during the West African Outbreak Director: Gerardo Chowell, School of Human Evolution & Social Change

Annika Susanne Cline

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

Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: UndoQmented: Documenting the UndocuQueer Identity in Phoenix Director: Patrick Grzanka, Barrett, The Honors College

April Jeannette Cobos

Major: Global Health – College of Liberal Arts and Sciences

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

Title: Mortality and Transmissibility Patterns of the 1957 Influenza Pandemic in Maricopa County, Arizona Director: Megan Jehn, School of Human

Evolution & Social Change

Tania Frances Cohen

Major: Political Science – College of Liberal Arts and Sciences Title: Echoes of Trauma: Trauma Transmission from Holocaust Survivors to Their Children Director: Mary Ingram-Waters, Barrett, The Honors College

Jeremy Conigliari

Major: English (Literature) – College of Liberal Arts and Sciences Second Major: Philosophy – College of Liberal Arts and Sciences Title: 1 am the Other: Alterity, Self, and Authenticity in Autobiography Director: Eric Oberle, College of Letters and Sciences

Katelyn Marie Conrad

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: The Development and Application of Biomuscles in Prostethics Director: Jeffrey LaBelle, School of Biological and Health Systems Engineering Jason Michael Conway Major: Supply Chain Management -W. P. Carey School of Business Title: Prevalence of Optimal Lifestyle Behaviors in College Students Director: Chong Lee, School of Nutrition and Health Promotion Christa Marie Cook Major: Music Education -Herberger Institute for Design and the Arts Title: E-Strings Academy: An Interactive Online Resource Center for the 21st Century String Musician Director: Margaret Schmidt, School of Music Mary Katherine Cook Major: Mathematics -College of Liberal Arts and Sciences Second Major: Performance (Orchestral Instrument) -Herberger Institute for Design and the Arts Title: The Invention of the Oboe and its Spread through Europe Director: Martin Schuring, School of Music Megan Rey Cook Major: Kinesiology -College of Health Solutions Title: Assisted Cycling Therapy Improves

Ittle: Assisted Cycling Therapy Improves Functional Exercise Capacity in Adolescents with Down Syndrome Director: Shannon Ringenbach, Barrett, The Honors College

Meghan Olivia Cook

Major: Biological Sciences (Animal Physiology and Behavior) – College of Liberal Arts and Sciences Title: The effects of human disturbance and urbanization on solving a novel foraging problem in juvenile house finches Director: Kevin McGraw, School of Life Sciences

Samantha Lynn Cooper

Major: Civil Engineering (Environmental Engineering) – Ira A. Fulton Schools of Engineering Title: Assessing Research on the Effects of Endocrine Disruptors on Freshwater Vertebrates Director: Bruce Rittmann, School of Sustainable Engineering and the Built Environment

Kelsey Lynn Corallo

Major: Psychology – College of Liberal Arts and Sciences Title: Gender Differences in Optimal Cut Scores on the Personality Assessment Inventory for Diagnosing Epileptic and Nonepileptic and Seizures Director: Richard Lanyon, Department of Psychology

Victoria Elisabeth Emily Cornes

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: FN14 Reduction via Lipitor Supresses Cell Migration and Survival in NSCLC Director: Valerie Stout, School of Life Sciences Co-Director: Timothy Whitsett, Translational Genomics Research Institute (TGen)

Javier Alfonso Corral Clayton

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Optimization of packaging conditions for long-term stability of colorimetric carbon dioxide sensors for capnography applications in nonintubated patients Director: Erica Forzani, School for Engineering of Matter, Transport & Energy

Devin Connell Corrigan

Major: Biochemistry -

College of Liberal Arts and Sciences Title: F2-isoprostanes and F2-isoprostane Metabolites: Biomarkers for Oxidative Stress and Therapeutic Efficacy Director: Kevin Redding, Department of Chemistry & Biochemistry

Erica Marie Corvasce

Major: Speech and Hearing Science – College of Health Solutions *Title: Speech Recognition Ability in Noise for U.S.*

Military Veterans with Traumatic Brain Injury (TBI) and Noise Induced Hearing Loss (NIHL) Director: Kathleen Peterson, Department of Speech and Hearing Sciences

Hanna Jo Coumans

Major: Biological Sciences – College of Liberal Arts and Sciences Title: The Effect of Tolaasin, the Exotoxin Produced by Pseudomonas Tolaasii, on the Prevention of Staphylococcal Biofilm Growth Director: Valerie Stout, School of Life Sciences

Melia Ann Coury

Major: Marketing – W. P. Carey School of Business Second Major: Design Studies (Design Management) – Herberger Institute for Design and the Arts

Title: Dance Around The Globe: Ethnochoreology Research in 6 Countries, Leads to Philanthropic Dance Concert, Creating New ASU Scholarship. Director: Pegge Vissicaro, School of Film, Dance and Theatre

Lauren Nicole Crider

Major: Mathematics – College of Liberal Arts and Sciences Title: Maximum-Entropy Surrogation in Multiple-Channel Signal Detection Director: Douglas Cochran, School of Electrical, Computer and Energy Engineering

Ellyse Diann Crow

Major: Management – W. P. Carey School of Business Second Major: Business (Communication) – W. P. Carey School of Business Title: The College Decision in Rural Arizona: How Can Educators Help? Director: Lili Wang, School of Community Resources and Development

Shelly Kathryn Cunningham

Major: Economics – College of Liberal Arts and Sciences Second Major: Psychology – College of Liberal Arts and Sciences Title: Graduate Education: Perception vs. Reality Director: Allan DeSerpa, School for the Science of Health Care Delivery

Alec Damiano

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Making it in a "Dead" Industry: The Importance of Innovation and Adaptability in the Music Business Director: Deanna Swoboda, School of Music

Rebecca Leigh Dangler

Major: Management (Entrepreneurship) – W. P. Carey School of Business Second Major: Design Studies – Herberger Institute for Design and the Arts *Title: The Student Art Project Director: Rhett Trujillo, Department of Management*

Lelan Diep Dao

Major: Biochemistry – College of Liberal Arts and Sciences Title: The Medical Pal: A Smartphone Application to Improve Healthcare Delivery to Palliative Patients Director: Denis Cortese, Healthcare Delivery and Policy Program

Paige Elizabeth Davis

Major: Biochemistry – College of Liberal Arts and Sciences Second Major: Family and Human Development – College of Liberal Arts and Sciences Title: The Impact of Dielectrophoresis on Analyzing the Features of Resistant Staphylococcus aureus Director: Mark Hayes, Department of Chemistry & Biochemistry

Samantha Kristen Davis

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication *Title: The Long Alchemy of Becoming*

Director: James Elser, School of Life Sciences

Severin Jan Davis

Major: Computer Systems Engineering – Ira A. Fulton Schools of Engineering Second Major: German – College of Liberal Arts and Sciences *Title: Wireless Mecanum Wheel Vehicle*

Director: Kevin Burger, School of Computing, Informatics, & Decision Systems Engineering

Evelyn Krystal De La Cruz

Major: Graphic Design – Herberger Institute for Design and the Arts *Title: Flourish Director: Michelle Fehler, The Design School*

Gian-Franco Alcantara Demano

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass

Communication – Walter Cronkite School of Journalism and Mass Communication Title: A Modern Don: The Evolution of Advertising using Mad Men Director: Dawn Gilpin, Walter Cronkite School of Journalism and Mass Communication

Collay Carole Dennis

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Nonprofit Web Design and Content: Research, Analysis and Recommendations (Dancers and Health Together Inc.) Director: Grisha Coleman, School of Arts, Media + Engineering

Connor Patrick Descheemaker

Major: Urban and Metropolitan Studies – College of Public Service and Community Solutions *Title: Phonography & the Construction of*

Place: Community Spaces and Soundscapes in Downtown Phoenix Director: Kevin McHugh, School of Geographical Sciences & Urban Planning

Samuel Paul DiCarlo

Major: Justice Studies – College of Liberal Arts and Sciences Second Major: Sociology – College of Liberal Arts and Sciences Title: Fostering Exploitation Director: Christine Holman, School of Social Transformation Co-Director: Yasmina Katsulis, School of Social Transformation

Ryan DiCicco

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Finance – W. P. Carey School of Business *Title: InnovationSpace Director: Sidnee Peck, Department of Management* Sarah Constance Dinell Major: Journalism and Mass Communication - Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass Communication - Walter Cronkite School of Journalism and Mass Communication Title: Noise + Heat: A Guide to Arizona Rock and Alternative Music Director: Jim Jacoby, Walter Cronkite School of Journalism and Mass Communication Samuel Miles DiPietro Major: Accountancy -W. P. Carey School of Business Title: Should Marijuana Be? Director: Dale Kalika, Department of Management Emilie Adanne Doering Major: Global Studies -College of Liberal Arts and Sciences Title: Girls and Boys are Different: The Musical Director: Toby Yatso, School of Music Alicia Lorae Dominick Major: English (Linguistics) -College of Liberal Arts and Sciences Second Major: Spanish -College of Liberal Arts and Sciences Title: The Educational Value of Translation: Uncovering Latin American History and Intellectual Thought through the Translation of Andrés Bello's "Historia físicia y política de Chile por Claudio Gay" Director: Ted Humphrey, Barrett, The Honors College Nancy Elizabeth Donahue

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Marketing – W. P. Carey School of Business Title: Regulating Consulting Activity at the American Red Cross Director: Dan Brooks, Department of Supply Chain Management

Caroline Marie Dougher

Major: Computer Information Systems – W. P. Carey School of Business Title: A Guide to Financial Mathematics Director: Jelena Milovanovic, School of Mathematical & Statistical Sciences

Mitchell Adam Dougherty

Major: Finance – W. P. Carey School of Business Title: Intel Collaborative Thesis Director: Michael Hertzel, Department of Finance

Ryan Edward Dougherty

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Exploration of Sea Ice Concentrations using Graph Metrics Director: Violet Syrotiuk, School of Computing, Informatics, & Decision Systems Engineering

Brynn Babette Douglas

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Second Major: Anthropology – College of Liberal Arts and Sciences

Title: A Comparison of the Interactions between Tiwanaku and Chen Chen Based on Dietary and Isotopic Analyses Director: Kelly Knudson, School of Human Evolution & Social Change

Martin Dufwenberg

Major: Biological Sciences (Animal Physiology and Behavior) – College of Liberal Arts and Sciences *Title: Nicotine Self-Administration and the Social Context Director: Janet Neisewander, School of Life Sciences*

Emma Anne Dugan

Major: Accountancy – W. P. Carey School of Business Title: Music Streaming Services: A Study on Millennials' Listening Habits and the Future of the Music Industry Director: Nilanjana Bhattacharjya, Barrett, The Honors College

Bennett Steven Dwosh

Major: Marketing – W. P. Carey School of Business Second Major: Management – W. P. Carey School of Business Title: An Exploration of Student Admission Experiences in Relation to Enrollment Yield at the W. P. Carey School of Business at ASU Director: Amy Ostrom, Department of Marketing

Jenna Christine Eccles

Major: Psychology – College of Liberal Arts and Sciences Second Major: Family and Human Development – College of Liberal Arts and Sciences *Title: Dynamics of dyadic parent-child interactions and predicting internalizing and externalizing behavioral outcomes Director: Kathryn Lemery-Chalfant, Department of Psychology*

Rebecca Hope Eckert

Major: Film (Filmmaking Practices) – Herberger Institute for Design and the Arts *Title: Vulnerability and Improvisation: Creating YouTube Content Director: Boyd Branch, School of Film, Dance and Theatre*

Maximillian Ashur Edwards

Major: Biochemistry – College of Liberal Arts and Sciences Title: Optimizing Microwave Hydrolysis for 1-D NMR Amino Acid Analysis of Protein Biopolymers Director: Jeffery Yarger, Department of Chemistry & Biochemistry

Emilee Eikren

Major: Sociology – College of Liberal Arts and Sciences Second Major: Justice Studies – College of Liberal Arts and Sciences Title: Sociological Perspectives on Revenge Porn Director: Mary Ingram-Waters, Barrett, The Honors College

Jessie Christine Engler

Major: Graphic Design – Herberger Institute for Design and the Arts *Title: Self-Censorship Director: Michelle Fehler, The Design School*

Karla Natali Esparza

Major: Criminal Justice and Criminology – College of Public Service and Community Solutions Title: "Nopal En La Frente": Latino(s) Perceptions of Disorder and Neighborhood Ethnicity Director: Danielle Wallace, School of Criminology and Criminal Justice

Jaye Frances Palma Espinas

Major: Biological Sciences – College of Liberal Arts and Sciences Title: Selection of the AMA-1 protein in Plasmodium falciparum and Plasmodium vivax Director: Ananias Escalante, School of Life Sciences

Alison Dawn Evans

Major: Biochemistry -

College of Liberal Arts and Sciences Title: Can Scientists be Ethical? The Life of Joseph Rotblat and the Idea of Scientists being Ethically Responsible for Their Work Director: Gregg Zachary, Consortium For Science Policy

Kyle James Eyster

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Observing Effects of Drug Modulation on Electrophysiological Response of Aplysia Neurons Director: Jitendran Muthuswamy, School of Biological and Health Systems Engineering

Ashley Elizabeth Fallon

Major: Psychology – College of Liberal Arts and Sciences Second Major: Family and Human Development – College of Liberal Arts and

Sciences

Title: E-books and Emergent Literacy in Early Childhood Education: The Impact of Dialogic Reading on Vocabulary Knowledge and Story Retell Director: Carol Connor, Department of Psychology

Rachel Marie Fanguy

Major: Psychology – College of Liberal Arts and Sciences Title: In the Eye of the Beholder: Artists and Muses Director: Aviva Dove-Viebahn, Barrett, The Honors College

Elisa Danielle Fankhauser

Major: Finance -

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

Kaci Lynn Fankhauser

Major: Biological Sciences – College of Liberal Arts and Sciences Title: Pigeon Iridescence: Physical and Functional Properties Director: Ron Rutowski, School of Life Sciences

Merry Elise Farrier

Major: Justice Studies – College of Liberal Arts and Sciences Title: Art Pedagogies and Social Justice Outcomes for Youth Director: Elizabeth Swadener, School of Social Transformation

Chase Fauer

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Synthesis of Dual Layered Microparticles for Tunable Delayed Release Profile Director: Sarah Stabenfeldt, School of Biological and Health Systems Engineering

Cristina Maria Fauste

Major: Psychology – New College of Interdisciplinary Arts and Sciences Second Major: Spanish – New College of Interdisciplinary Arts and Sciences *Title: Sofia & Isabella Share a Difficult Time:*

A Children's Book About Loss Director: Stephen Lewis, School of Social and

Behavioral Sciences

Miguel Angel Favaro

Major: Exercise and Wellness – College of Health Solutions Title: Comparing Trending Abdominal Exercises Using Surface Electromyography Director: Christopher Berger, School of Nutrition and Health Promotion

Jacqueline Alyssa Fernandez

Major: Microbiology – College of Liberal Arts and Sciences Title: Walking Intervention through Texting Study of Cohabiting Individuals (WalkIT-CoHab): An Investigation of Social Support in a Physical Activity Intervention Director: Marc Adams, School of Nutrition and Health Promotion

Brianna Aislinn Ferry

Major: Business (Sustainability) – W. P. Carey School of Business Title: Tossing out the Waste: An Exploration of Sustainable Options for an Arizona Restaurant Director: Kevin Dooley, Department of Supply Chain Management

Mark Travis Ferry

Major: Computer Science (Software Engineering) – Ira A. Fulton Schools of Engineering Title: Cloud Solutions for 3D Modeling Director: Yinong Chen, School of Computing, Informatics, & Decision Systems Engineering

Leah Marie Fiacco

Major: Economics – W. P. Carey School of Business Second Major: Political Science – College of Liberal Arts and Sciences Title: An Analysis of Price Competition Strategies for Brand-name and Generic Pharmaceutical Companies Under Governmental Regulations Director: Manjira Datta, Department of Economics

Christina Findley

Major: Mathematics – College of Liberal Arts and Sciences Second Major: Earth and Space Exploration (Astrophysics) – College of Liberal Arts and Sciences *Title: WENO Simulations of AGN-Jet Induced*

Star Formation Director: Carl Gardner, School of Mathematical & Statistical Sciences

Fabian Josef Fink

Major: Industrial Engineering – Ira A. Fulton Schools of Engineering Title: Case Study: Performance Information Procurement System (PIPS) with the Arizona Department of Environmental Quality Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Giovanna Marie Fiorentin

Major: Applied Biological Sciences – College of Letters and Sciences Title: Evaluation of Saline on Leucaena leucocephala Germination and Early Growth Director: Chris Martin, College of Letters and Sciences

Brett Fischer

Major: Economics – College of Liberal Arts and Sciences Second Major: English (Literature) – College of Liberal Arts and Sciences Third Major: Mathematics – College of Liberal Arts and Sciences Title: Writing at the Margin: Economics and the Victorian Sensation Novel Director: Daniel Bivona, Department of English Second Thesis Title: Economic Recessions and the Returns to Higher Education Director: Eleanor Dillon, Department of

Economics

Tignes Noel Fisher

Major: Industrial Engineering – Ira A. Fulton Schools of Engineering Second Major: Supply Chain Management – W. P. Carey School of Business Title: A Reliability Driven Model for Airline Crew Vacation Grid Optimization Director: Esma Gel, School of Computing, Informatics, & Decision Systems Engineering

Chase Matthew Fitzgerald

Major: Biological Sciences – College of Liberal Arts and Sciences Title: Page Turners: Turning the Page to Success Director: Michael Mokwa, Department of Marketing

Darby Nicole Fitzgerald

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass

Communication – Walter Cronkite School of Journalism and Mass Communication Title: Aereo: Innovation in Television Director: Tim McGuire, Walter Cronkite School of Journalism and Mass Communication

Kelly Lynn Flanagan

Major: Marketing – W. P. Carey School of Business Title: Esprit de She Brand Analysis Research Study Director: Wendy Hultsman, School of Community Resources and Development

Eric Matthew Forthun

Major: Film (Film and Media Studies) – College of Liberal Arts and Sciences Second Major: History –

College of Liberal Arts and Sciences Title: Video-on-Demand: The Exploration of Innovative Distribution and Exhibition in a Conglomerate-Dominated Cinematic Landscape Director: Kevin Sandler, Department of English Mikaelah Jenee Fowle Major: Family and Human Development -College of Liberal Arts and Sciences Title: Art Therapy for Adolescents with Type I Diabetes Director: Denise Bodman, T. Denny Sanford School of Social and Family Dynamics Jacqueline Raquel Fox Major: Anthropology -College of Liberal Arts and Sciences Title: Economic Inequality in Premodern Cities Director: Michael Smith, School of Human Evolution & Social Change Nicholas Andrew Fraga Major: English (Creative Writing) -College of Liberal Arts and Sciences Second Major: Psychology -College of Liberal Arts and Sciences Title: Schizophrenia's Depiction in Film Director: April Miller, Barrett, The Honors College Monique Esther Franco Major: Elementary Education (Bilingual Education/English as a Second Language) - Mary Lou Fulton Teachers College Title: BLE/ESL: Our cohort, our story Director: Margarita Jimenez-Silva, Mary Lou Fulton Teachers College Anna Marie Franko Major: Communication -College of Liberal Arts and Sciences Title: The First Ladies: Exploring Achievement and Public Perception Director: Belle Edson, Hugh Downs School of Human Communication Cody Frear Major: Anthropology -College of Liberal Arts and Sciences Title: Genetic Trends in the Vertical Transmission of the Clone-13 Variant of Lymphocytic Choriomeningitis Virus Director: Joseph Blattman, School of Life Sciences Alexandra Friedman Major: Performance (Orchestral Instrument) -Herberger Institute for Design and the Arts Title: Rainbow Connection: An Integrated Choir

Olivia Louise Friend

Major: Geography – College of Liberal Arts and Sciences Second Major: Art (Museum Studies) – Herberger Institute for Design and the Arts Title: The Affective Power of Revolutionary Art in Cairo, Egypt Director: Kevin McHugh, School of Geographical Sciences & Urban Planning

for Students on the Autism Spectrum

Director: Robin Rio, School of Music

Emily Anne Fritcke

Major: English (Literature) –

College of Liberal Arts and Sciences Second Major: History –

College of Liberal Arts and Sciences Title: Pakistan and Arizona: An Examination of Government's Influence on Education to Construct an Ideal Citizenry Director: Yasmin Saikia, School of Historical, Philosophical and Religious Studies

Laura Katherine Gagliano

Major: Computer Information Systems – W. P. Carey School of Business *Title: The Development, Design, and Marketing*

of a Mobile Game Director: Linda Prince, Department of Information Systems

Alex Mauricio Pompa Gale

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Identification of Obesity Genes in Pima Indians Director: Casey Ankeny, School of Biological and Health Systems Engineering

David Ganey

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Short Part: Longer Part Which Expands on Shorter Part Director: Janaka Balasooriya, School of Computing, Informatics, & Decision Systems Engineering

Brittany Garcia

Major: Social Work – College of Public Service and Community Solutions Title: Late Life Domestic Violence: Educating and Advocating Through the Creation of a Website Director: Robin Bonifas, School of Social Work

Jorge Jesus Garcia

Major: English (Linguistics) – College of Liberal Arts and Sciences Title: Narratives in Transition: Young Adults In Mexican Immigrant Communities and Language Attitudes Director: Doris Warriner, Department of English

Cameron Lee Gardner

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Second Major: Finance – W. P. Carey School of Business Title: Combinatorial Library of Synthetic Transcription Factors Director: Karmella Haynes, School of Biological and Health Systems Engineering

Victoria Leigh Garrison

Major: Early Childhood and Early Childhood Special Education – Mary Lou Fulton Teachers College *Title: Rolling Down Ramps: A Unit Plan to*

Address the Urgent Need for STEM Instruction in Preschool Director: Michael Kelley, Mary Lou Fulton

Teachers College

Ryan Patrick Gasbarro

Major: Earth and Environmental Studies – College of Liberal Arts and Sciences Title: Symbiotic state & reproduction in the giant green sea anemone Anthopleura xanthogrammica Director: Susanne Neuer, School of Life Sciences

Max Daniel Gaynor

Major: Management (Entrepreneurship) – W. P. Carey School of Business Second Major: Marketing – W. P. Carey School of Business Third Major: Business (Law) – W. P. Carey School of Business Title: Innovation Space: A Primal Branding Framework Director: Sidnee Peck, Department of Management

Dylan George-Sills

Major: Biological Sciences (Conservation Biology and Ecology) – College of Liberal Arts and Sciences Title: Red Flames in the Red Rocks: Management For the Ecological Whole Director: Stephen Pyne, School of Life Sciences

Victoria Manette Geske

Major: Film (Filmmaking Practices) – Herberger Institute for Design and the Arts Title: Script Supervising: A Look into the Practice of Script Supervising Director: Gregory Bernstein, School of Film, Dance and Theatre Co-Director: Christopher LaMont, School of Film, Dance and Theatre

Alexander Leland Gewecke

Major: Economics – W. P. Carey School of Business Second Major: Business (Global Politics) – W. P. Carey School of Business Title: The Effects of a Widespread Union in NCAA Football Director: Daniel Marburger, Department of Economics

Alexandria Southwick Gil

Major: Marketing – W. P. Carey School of Business Second Major: Management (Entrepreneurship) – W. P. Carey School of Business Title: Luxury Brand Identity Director: Sidnee Peck, Department of Management Isaac Adam Gilbert Major: English (Literature) – College of Liberal Arts and Sciences Second Major: History – College of Liberal Arts and Sciences Title: Public Memory on the Lewis and Clark Expedition Director: Susan Gray, School of Historical, Philosophical and Religious Studies

Kelsey Marie Glavee

Major: Speech and Hearing Science – College of Health Solutions Second Major: Psychology – College of Liberal Arts and Sciences

Title: Analysis of Toddler Language Environments: Does activity type and setting make a difference? Director: Nancy Scherer, Department of Speech and Hearing Sciences

Julia Hannah Glesener

Major: Chemistry – College of Liberal Arts and Sciences Second Major: Mathematics – College of Liberal Arts and Sciences Title: Ethics of Life Extension Technology Director: Joan McGregor, School of Historical, Philosophical and Religious Studies

Emily Sanders Glynn

Major: Nutrition (Nutrition Communication) – College of Health Solutions Title: The Market for Bodies: An Investigation of the Ecology of Nontransplant Anatomical Donation Organizations Director: Jennifer Brian, Barrett, The Honors College

Amelia Nicole Goe

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

Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Forget the Crust Director: Nancie Dodge, Walter Cronkite School of Journalism and Mass Communication

Brice Edward Goitia

Major: Philosophy – College of Liberal Arts and Sciences Title: On the Importance of Context in Referencing Fictional Characters Director: Cynthia Bolton, School of Historical, Philosophical and Religious Studies Elizabeth Danielle Gomez Major: Family and Human Development – College of Liberal Arts and Sciences Second Major: Psychology – College of Liberal Arts and Sciences Title: Influence of Assisted Cycle Therapy on Activities of Daily Living in Older Adults with Down Syndrome Director: Shannon Ringenbach, Barrett, The Honors College

Joshua Michael Gonzales Major: Spanish –

College of Liberal Arts and Sciences Title: Landscapes of Magnesium and Carbon Planets Director: Patrick Young, School of Earth and Space Exploration

Matthew Joseph Gonzalez

Major: Health Sciences – College of Health Solutions Title: The Role of RAGE in the Progression of Type 2 Diabetes in High-Fat Diet-Fed Mice Director: Carol Johnston, School of Nutrition and Health Promotion

David Gregory Good

Major: Marketing – W. P. Carey School of Business Second Major: Management – W. P. Carey School of Business Title: A Tactical Shift in Advertising Strategy: An Integrated Marketing Campaign for GEICO Insurance in Response to Competitive Actions Director: Nancy Gray, Department of Marketing

Zachary Daniel Gordon

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Effect of Cellulose Templating on Nanostructured Lithium Lanthanum Zirconium Oxide Director: Candace Chan, School for Engineering of Matter, Transport & Energy

Steven Edgar Goyette

Major: Business (Communication) – W. P. Carey School of Business Title: MoveGroove: An iOS Application for Adjusting Music to Running Speed Director: Sidnee Peck, Department of Management

Cesar Uriel Gradilla

Major: French -

College of Liberal Arts and Sciences Title: Street/Urban Culture in France Today: Exploring Its Creators and Consumers Director: Mariana Bahtchevanova, School of International Letters and Cultures

Alexander Green

Major: Finance – W. P. Carey School of Business *Title: Intel Collaborative Thesis Director: Mark Simonson, Department of Finance*

Alejandra Guillen

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication *Title: Cuisine of Arizona: A Social Media Plan Director: Dawn Gilpin, Walter Cronkite School of*

Journalism and Mass Communication

Victoria E. Guinn

Major: Sociology – New College of Interdisciplinary Arts and Sciences Title: Not Having Your Meat and Eating it Too Director: Ramsey Eric Ramsey, School of Social and Behavioral Sciences

Alexander Wassef Guirguis

Major: Civil Engineering – Ira A. Fulton Schools of Engineering Title: Supplemental Experiments for Mechanics of Materials Director: Barzin Mobasher, School of Sustainable Engineering and the Built Environment

Chelsea Leah Gulinson

Major: Philosophy -

College of Liberal Arts and Sciences Title: The Ethics of Food Localization Director: Joan McGregor, School of Historical, Philosophical and Religious Studies

Kelley Ann Gullo

Major: Marketing – W. P. Carey School of Business Second Major: Economics – W. P. Carey School of Business Title: An Exploration of Student Admission Experiences in Relation to Enrollment Yield at the W. P. Carey School of Business at ASU Director: Any Ostrom, Department of Marketing

Quentin Lee Gunn

Major: Economics -

College of Liberal Arts and Sciences Second Major: Mathematics (Statistics) – College of Liberal Arts and Sciences Title: Avoidance Behaviour to Swine Flue Director: Nicolai Kuminoff, Department of Economics

Chrystina Gunnare

Major: Nutrition (Human Nutrition) – College of Health Solutions Title: Development of a Clinically Relevant Brochure about the Baby Friendly Hospital Initiative Director: Corrie Whisner, School of Nutrition and Health Promotion

Rachel Ellen Haviva Gur-Arie

Major: Biological Sciences (Biology and Society) – College of Liberal Arts and Sciences Title: University Student Knowledge and Perception of Influenza Director: Jane Maienschein, School of Life Sciences

Alec N. Guthrie

Major: Political Science -

College of Liberal Arts and Sciences Title: Self-Alignment: Use of Deductive Logic and Leadership/Management Techniques to Observe Self and Place

Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Mayra Alejandra Gutierrez

Major: Political Science – College of Liberal Arts and Sciences Title: The Effort to Mobilize Hispanic/Latino Voters in Arizona Elections Director: Rodolfo Espino, School of Politics and Global Studies

Shirley Espinoza Gutierrez

Major: Special Education and Elementary Education – Mary Lou Fulton Teachers College *Title: Cambios- A children's book on immigration*

Director: Margarita Jimenez-Silva, Mary Lou Fulton Teachers College

Tyler Haeberle

Major: Molecular Biosciences and Biotechnology – College of Liberal Arts and Sciences Title: Validating a Model for Catalytic Function in 9°N Polymerase Based on Structural Conservation Director: John Chaput, Department of Chemistry & Biochemistry

Melynn Hagan

Major: Biochemistry – College of Liberal Arts and Sciences Title: The Influence of Cell Phones Upon the Social and Economic Norms of Urban Morocco Director: Souad Ali, School of International Letters and Cultures

Ibrahim Halloum

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Characterizing the activity of alcohol dehydrogenase from Lactobacillus brevis on primary and secondary alcohol biofuel precursors Director: David Nielsen, School for Engineering of Matter, Transport & Energy

Jessica Hammer

Major: Biological Sciences (Animal Physiology and Behavior) – College of Liberal Arts and Sciences Second Major: Spanish – College of Liberal Arts and Sciences Title: Creation of Client Educational Materials in Veterinary Medicine for English Second Language Spanish Speakers

Director: Dale DeNardo, School of Life Sciences

Jessica Haye-Joe Han

Major: Biochemistry – College of Liberal Arts and Sciences Title: Environmental Ethics of Climate Justice and Geoengineering in Wilford's Train Director: Jiwon Shin, School of International Letters and Cultures

April Nicole Hanks

Major: English (Literature) – College of Liberal Arts and Sciences Second Major: Communication – College of Liberal Arts and Sciences Title: The Effects of Sex Ratio, Class Size, and Teaching Methods on Communication in College Classrooms Director: Laura Guerrero, Hugh Downs School of Human Communication

Elizabeth Sarah Hansen

Major: English (Creative Writing) – College of Liberal Arts and Sciences Second Major: Communication – College of Liberal Arts and Sciences

Title: Creativity in Progress: An Analysis of Contemporary American Poetry Director: Patricia Murphy, College of Letters and Sciences

Jakob Hansen

Major: Mathematics – College of Liberal Arts and Sciences Second Major: Economics – College of Liberal Arts and Sciences *Title: Downsampling for Parameter Choice in Ill-Posed Deconvolution Problems Director: Rosemary Renaut, School of Mathematical & Statistical Sciences*

Elliot Will Hanson

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering *Title: Non-Linear Super-Resolving Arrays Director: Rodolfo Diaz, School of Electrical, Computer and Energy Engineering*

Rebecca Jean Harkness

Major: Anthropology – College of Liberal Arts and Sciences Title: Social Diversity and Public Interaction Space in Classic and Postclassic Mimbres Director: Margaret Nelson, Barrett, The Honors College

Travis Christopher Harrick

Major: Psychology – New College of Interdisciplinary Arts and Sciences Second Major: Sociology – New College of

Interdisciplinary Arts and Sciences Title: theCHIVE Chapter: Where the Internet, Charity, and Alcohol Come Together Director: Scott Renshaw, School of Social and Behavioral Sciences

Jessica Danielle Hartman

Major: Psychology -

College of Liberal Arts and Sciences Title: Indirect and Moderated Effects of Parent-Child Communication on Drinking Values and Alcohol Use in the Transition to College. Director: William Corbin, Department of Psychology

Emily Mae Hartsough

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Comparative Analysis of Eukaryotic Cell-Free Translation Systems Director: John Chaput, Department of Chemistry & Biochemistry

Cori Ann Hartt

Major: Communication – New College of Interdisciplinary Arts and Sciences Title: Queer Resilience Director: Vincent Waldron, School of Social and Behavioral Sciences

Sepeedeh Hashemian

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass

Communication – Walter Cronkite School of Journalism and Mass Communication Title: The Beauty Industry at its Roots: The analysis of a local Phoenix salon's online media presence Director: Xu Wu, Walter Cronkite School of

Journalism and Mass Communication

Cameron Johnathan Heath

Major: Accountancy – W. P. Carey School of Business Title: NFL vs MLB: Financial Structure and Organizational Analysis Director: John Eaton, Department of Marketing

Elisabeth Rose Heath

Major: English – New College of Interdisciplinary Arts and Sciences Title: The Hunger Games: What a Dystopic World Reveals about Modern Society Director: Diane Gruber, Barrett, The Honors College

Mary Heckenbach

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Meta-Analysis of Ionic Liquid Toxicity Literature Director: Rolf Halden, School of Sustainable Engineering and the Built Environment

Sedona Lee Heidinger

Major: Art (Art History) – Herberger Institute for Design and the Arts Title: Variety, Eternity: Victor Hugo's Relationship with Architecture Director: Julie Codell, School of Art

Cole Vincent Maher Helsell

Major: Biochemistry – College of Liberal Arts and Sciences Title: Expression, Purification, and Biophysical Characterization of rTRPM8 Director: Wade Van Horn, Department of Chemistry & Biochemistry

Katherine Leigh Hemzacek

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Development of a Novel Temperature-Sensitive Magnetic Resonance and Fluorescence Imaging Contrast Agent Director: Vikram Kodibagkar, School of Biological and Health Systems Engineering

Stephen Edward Hermens

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Sustainable Soil Improvement via Atiotic Carbon Dioxide Sequestration Director: Hamdallah Bearat, School for Engineering of Matter, Transport & Energy Co-Director: Lenore Dai, School for Engineering of Matter, Transport & Energy

Andres Victor Hernandez

Major: Civil Engineering (Environmental Engineering) – Ira A. Fulton Schools of Engineering Title: Physical Water Treatment Effects on Evaporation Rates, Hardness, and Microbial Life Director: Peter Fox, School of Sustainable Engineering and the Built Environment

Brittany Ann Herold

Major: Industrial Design – Herberger Institute for Design and the Arts Second Major: Design Studies (Design Management) – Herberger Institute for Design and the Arts Title: Improving the Experience of Cancer Research through Design Director: Dosun Shin, The Design School

James Anderson Hester

Major: Supply Chain Management – W. P. Carey School of Business Title: Defining Barcade: A Discovery and Comparative Analysis of Electronic Gaming and it's Growing Business Opportunities Director: Dan Brooks, Department of Supply Chain Management

McKenzie Hilton

Major: Marketing – W. P. Carey School of Business Second Major: Design Studies (Design Management) – Herberger Institute for Design and the Arts Title: Eating Disorders at ASU: Helping Students Get The Resources They Need Director: Amy Ostrom, Department of Marketing

Kellie Elizabeth Hintze

Major: Exercise and Wellness (Health Promotion) – College of Health Solutions Second Major: Psychology – College of Liberal Arts and Sciences Title: Effect of Reward-Delay in Gain-Framed Messaging on the Self-Esteem of Cigarette Smokers Director: Jack Chisum, School of Nutrition and Health Promotion Steven Matthew Hobaica Major: Psychology – College of Liberal Arts and Sciences

Title: Religiosity as a Heterosexual Mating Strategy and the Influence of a Homosexuality Threat Director: Adam Cohen, Department of Psychology

Kristin Michelle Hoffman

Major: Molecular Biosciences and Biotechnology – College of Liberal Arts and Sciences Title: Maximizing Yield and Modification of C13/ N15 Labeled Heparosan from E. Coli K5 Culture Director: Xu Wang, Department of Chemistry & Biochemistry

Christopher Andres Burruel Homa

Major: Film (Film and Media Production) – Herberger Institute for Design and the Arts *Title: 1950s Cockroach America Director: Jacob Pinholster, School of Film, Dance and Theatre*

Timothy Francis Honan

Major: Biochemistry – College of Liberal Arts and Sciences Title: Effects of the Affordable Care Act in Arizona: A Focused Study on the Population Requiring Charitable Care Director: Jonathan Ketcham, Department of Marketing

Emma Leone Hopson

Major: Marketing -

W. P. Carey School of Business Title: Marketing and Managing Sustainability with the Arizona Diamondbacks: Increasing Organizational Commitment and Participation to Spark Social Change in the Valley Director: John Eaton, Department of Marketing

Hannah Eileen Housenga

Major: Civil Engineering – Ira A. Fulton Schools of Engineering Title: Urban Heat Island (UHI) Effect on Building Energy Consumption Director: Kamil Kaloush, School of Sustainable Engineering and the Built Environment Co-Director: Zhihua Wang, School of Sustainable Engineering and the Built Environment

Chelsea Elizabeth Howard

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Analysis of Free Standing ZIF-71/PDMS Mixed Matrix Membranes on Ethanol/Water Separations Director: Mary Laura Lind, School for Engineering of Matter, Transport & Energy

Megan Marie Howell

Major: Mathematics (Statistics) – College of Liberal Arts and Sciences Title: Rainbow Connection: An Integrated Choir for Students on the Autism Spectrum Director: Robin Rio, School of Music

Shayla Briann Hubbard

Major: Biological Sciences (Biology and Society) – College of Liberal Arts and Sciences Title: The Social Life of GMOs Director: Eric Hekler, School of Nutrition and Health Promotion

Christina Renee Hull

Major: Anthropology – College of Liberal Arts and Sciences Second Major: Religious Studies –

College of Liberal Arts and Sciences Title: The Role Missionaries Played in the Armenian Genocide Director: Jason Bruner, School of Historical, Philosophical and Religious Studies

Ashley Elizabeth Hunt

Major: Biochemistry (Medicinal Chemistry) – College of Liberal Arts and Sciences Title: Designing and Testing of Large 2D Arrays of DNA Origami Director: Yan Liu, Department of Chemistry & Biochemistry

Chloe Holmes

Major: Biological Sciences – College of Liberal Arts and Sciences Title: Breast Cancer Screening Activism and its Effects on Racial Disparities Director: John Lynch, Barrett, The Honors College

Kristen Lee Anne Hwang

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

Second Major: Earth and Environmental Studies – College of Liberal Arts and Sciences

Third Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: PHXmuraltour: Exploring the Downtown Phoenix Street Art Director: Leslie-Jean Thornton, Walter Cronkite

School of Journalism and Mass Communication

Braxton Victoria Hynes

Major: Justice Studies -

College of Liberal Arts and Sciences Title: Creating Culture: An Evaluation of and Contribution to Sexual Health and Wellness within Greek Organizations at Arizona State University Director: Madelaine Adelman, School of Social Transformation

Alexander Iadicicco

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: A C Unit Testing Framework Built On LLVM/Clang Director: Rida Bazzi, School of Computing, Informatics, & Decision Systems Engineering

Lisa Eri Irimata

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Development of Textile Displacement Sensors Director: Jeffrey LaBelle, School of Biological and Health Systems Engineering

Shelby Isa

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Bookmark Organizer: Service Oriented Computing Director: Yinong Chen, School of Computing, Informatics, & Decision Systems Engineering

Sudarshan Rajan Iyer

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: The Effectiveness of Utilizing a Virtual Reality Spine Surgery Simulator Director: David Frakes, School of Biological and Health Systems Engineering

Benjamin Thomas Jackson

Major: Graphic Design – Herberger Institute for Design and the Arts Title: Concussions and Secondary Impact Syndrome in High School and College Athletes Director: Michelle Fehler, The Design School

Joseph John Jacobe

Major: Economics – College of Liberal Arts and Sciences Title: An Analysis of FIFA as an International Nonprofit Organization Director: George Thomas, School of Politics and Global Studies

Ian Jacobs

Major: Engineering (Electrical Systems) – Ira A. Fulton Schools of Engineering Title: Jaipur Fatigue Tester Director: Mark Henderson, Barrett, The Honors College

Eva Marie Jeffers

Major: Global Health – College of Liberal Arts and Sciences

Title: Factors Influencing the Reception of the Take Home Ration in Southern Rajasthan, India Director: Daniel Hruschka, School of Human Evolution & Social Change

Alison Rae Jeffords

Major: Marketing – W. P. Carey School of Business Title: Presentation of Selfie: Studying Performance and Social Media Director: Michelle Vlahoulis, School of Social Transformation

Courtland Emmett Jeffrey

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Generating a Viable Format for Video News Online: State Press Weekly Director: Jason Manning, Walter Cronkite School of Journalism and Mass Communication

Cayla Marie Jenkins

Major: Kinesiology – College of Health Solutions Title: Does Assisted Exercise Influence Daily Living Function in Adolescents and Young Adults with Down Syndrome? Director: Shannon Ringenbach, Barrett, The Honors College

Tayler Jenkins

Major: Sustainability – School of Sustainability Title: Institutions and Governance of the Commons for Sustaining Natural and Socioeconomic Systems: A Case Study of Rupa Lake Director: Netra Chhetri, School of Geographical Sciences & Urban Planning

Melinda Eva Jenner

Major: Biological Sciences – College of Liberal Arts and Sciences Second Major: Computational Mathematical Sciences – College of Liberal Arts and Sciences

Title: Quantifying the Mortality Impact of the 1918-1920 Influenza Pandemic in Arizona Director: Gerardo Chowell-Puente, School of Human Evolution & Social Change

Yihyun Jeong

Major: Political Science – College of Liberal Arts and Sciences Title: The Global Resolve: A Digital History Director: Mark Henderson, Barrett, The Honors College

Jessica Jia

Major: Urban Planning – College of Liberal Arts and Sciences Title: Quantifying the Trade-off Between Landscape Vegetation Height, Surface Temperature, and Water Consumption in Single-Family Residential Houses for a Desert City Director: Kelli Larson, Julie Ann Wrigley Global Institute of Sustainability

Andrew Jimenez

Major: Kinesiology – College of Health Solutions Title: Assisted Cycling Improves Cognitive and Motor Functioning in Adolescents with Down Syndrome Director: Shannon Ringenbach, Barrett, The Honors College

Allyse Marie Johnson

Major: Communication – College of Liberal Arts and Sciences

Title: Divine Providence Can Provide, Will Provide, Did Provide: An Examination of Emotional Labor at a Nonprofit Organization Director: Bradley Adame, Hugh Downs School of Human Communication

Bradley Allen Johnson

Major: Finance -

W. P. Carey School of Business

Second Major: Accountancy – W. P. Carey School of Business Title: The Fundless Sponsor Model: Decisions and Analysis in Various Stages of the Deal Process Director: Mark Simonson, Department of Finance

Lyle Eric Johnson

Major: Business (Sustainability) – W. P. Carey School of Business Title: The Inimical Unintended Consequences of Fiduciary Duty, A Business Case for Sustainability Director: Manfred Laubichler, School of Life Sciences

Walter Gregory Johnson

Major: Chemistry – College of Liberal Arts and Sciences Title: Motivation, Performance, and Gender in General Chemistry Director: Ian Gould, Department of Chemistry & Biochemistry

Mitchell Drexel Jones

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: An Effective Railroad Crossing for Bicyclists and Pedestrians Director: Michael Kuby, School of Geographical Sciences & Urban Planning

Zachary Loren Jones

Major: Film (Film and Media Production) – Herberger Institute for Design and the Arts Second Major: Geography – College of Liberal Arts and Sciences Title: Life in a Museum: My Past & Present in Prescott, Arizona Director: Elizabeth Larson, School of Geographical Sciences & Urban Planning

Jacob Paul Jorgensen

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Using Language Generation to Create Weather Forecasts Director: Chitta Baral, School of Computing, Informatics, & Decision Systems Engineering

Samantha Maria Juntiff

Major: Computer Science (Information Assurance) – Ira A. Fulton Schools of Engineering Title: Digital Forensics Web Application Director: Gail-Joon Ahn, School of Computing, Informatics, & Decision Systems Engineering

Danyal Jacob Kadi

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: Visual Surround Sound Director: Oliver Kosut, School of Electrical, Computer and Energy Engineering

Samuel Aaron Kagen

Major: Accountancy -

W. P. Carey School of Business Title: How will the MLS market respond to growth in a highly saturated U.S. sports market, particularly after the 2014 FIFA World Cup? Director: Philip Drake, Department of Accountancy

Jason Kam

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: High Efficiency Electronics For Space Applications Director: Trevor Thornton, School of Electrical, Computer and Energy Engineering

Daniella Mary Kaprelian

Major: Applied Biological Sciences – College of Letters and Sciences Title: Importance of Armenian Folklore Dance Director: Heide McILwraith, College of Letters and Sciences

Mark C. Karlsrud

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Study and Detection of Bots on Twitter Director: Huan Liu, School of Computing, Informatics, & Decision Systems Engineering

Seema Kassab

Major: Economics – W. P. Carey School of Business Second Major: Political Science – College of Liberal Arts and Sciences Title: The Assad Regime of Syria Director: Mary Jane Parmentier, College of Letters and Sciences

Manroop Kaur

Major: Nutrition (Human Nutrition) – College of Health Solutions Title: Effects of a Lifestyle Intervention on Diabetes Risk in Latino Youth Director: Gabriel Shaibi, College of Nursing and Health Innovation

Kan Kawabata

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: DigiCog - Web application for assisting student-teacher communication. Director: Michael Goryll, School of Electrical, Computer and Energy Engineering

Gabriela Estrada Keahon

Major: Biological Sciences – College of Liberal Arts and Sciences Title: How do Perceptions of Nutrition Influence Student Nutritional Behavior and Nutritional Health Seeking Behavior? Director: Megan Jehn, School of Human Evolution & Social Change

Kelly Elizabeth Keffeler

Major: Global Studies – College of Liberal Arts and Sciences Title: Biotechnology Policy Enforcement in China and its Effect on the United States' Hay Trade Director: Okechukwu Iheduru, School of Politics and Global Studies

Megan Keitel

Major: English (Literature) – College of Liberal Arts and Sciences Second Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Staying Relative in a Saturated Media: Is Baseball Still Relevant in Today's Trends Director: Jeffrey Kassing, School of Social and Behavioral Sciences

Cary Shepherd Kelly

Major: Economics – W. P. Carey School of Business Second Major: Business (Global Politics) – W. P. Carey School of Business Title: After English: A Study of Support for Reclassified English Language Learners in Arizona Director: David Garcia, Mary Lou Fulton Teachers College Major: Molecular Biosciences and Biotechnology – College of Liberal Arts and Sciences Title: Is a Putative Plant-derived Analog of the Mammalian Proline-rich Attachment Domain Causing a Human Enzyme Expressed in Plants to Undergo Tetramerization? Director: Tsafrir Leket-Mor, School of Life Sciences

William Joseph Kennedy

Major: Economics – W. P. Carey School of Business Second Major: Supply Chain Management – W. P. Carey School of Business Title: Class(ical) Warfare: A Socio-Economic Analysis of the Decline and Fall of the Roman Republic Director: Jose Mendez, Department of Economics

Amanda Michelle Kerr

Major: Civil Engineering – Ira A. Fulton Schools of Engineering Title: Success in Tunneling Projects Director: Samuel Ariaratnam, School of Sustainable Engineering and the Built Environment

Elena Marie Kerr

Major: Dance -

Herberger Institute for Design and the Arts Second Major: Justice Studies –

College of Liberal Arts and Sciences Title: 111 Steps to the Steel Door: A Movement Exploration of the Journey from Death Row to the Death Chamber Director: Karen Schupp, School of Film, Dance and Theatre

Jakob Aaron Khazanovich

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Detection of HPV16 from Tumor Tissue Director: Karen Anderson, School of Life Sciences

Amena Kheshtchin-Kamel

Major: Film (Filmmaking Practices) – Herberger Institute for Design and the Arts Title: Meg and Dave: A Feature Screenplay Director: Mark Montesano, Barrett, The Honors College

Sophia L. Kim

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Healthy Eating Study in College Students Director: Elizabeth Phillips, Department of Psychology

Haroon Kisana

Major: Microbiology – College of Liberal Arts and Sciences Title: Shake it Off: Establishing a Teen Support Group at the Muhammad Ali Parkinson's Center Director: Mark Montesano, Barrett, The Honors College

Benjamin Allan Kitnick

Major: Film (Filmmaking Practices) – Herberger Institute for Design and the Arts *Title: Body Integrity Identity Disorder Screenplay Director: Gregory Bernstein, School of Film, Dance and Theatre*

Kelsi L. Koch

Major: Accountancy – W. P. Carey School of Business Title: Student Perception of Communication in Public Accounting Director: Karen Geiger, Department of Accountancy

Sydney-Paige Milan Komarnisky

Major: Biological Sciences – College of Liberal Arts and Sciences Second Major: Psychology – College of Liberal Arts and Sciences Title: Momentary Associations Among Negative Affect and Cortisol: Is Alone Status a Moderator? Is Social Support a Moderator? Director: Leah Doane, Department of Psychology

Praveen Budhijith Bandara Kotagama

Major: Mechanical Engineering (Energy and Environment) – Ira A. Fulton Schools of Engineering Title: Investigating the relative effectiveness of Reverse Osmosis vs direct Solar evaporation Director: Valana Wells, School for Engineering of Matter, Transport & Energy

Soukaina Kouteib

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Role of Lipolysis in the Regulation of Plasma Glucose Concentrations in Mourning Doves Director: Karen Sweazea, School of Nutrition and Health Promotion Second Thesis Title: The Role of Supplemental Instruction in Students' Perceived Self-Efficacy Director: Bina Vammali, School of Life Sciences

Dikranouhi Krikorian

Major: Business (Law) – W. P. Carey School of Business Second Major: Management – W. P. Carey School of Business Title: Organizational Structures and Leadership Challenges Within Private Law Firms Director: Rhett Trujillo, Department of Management

Brandon Paul Krueger

Major: Finance – W. P. Carey School of Business Second Major: Business (Law) – W. P. Carey School of Business *Title: Intel Collaborative Thesis Director: Mark Simonson, Department of Finance* Danica Eileen Kugler Major: English (Creative Writing) – College of Liberal Arts and Sciences Second Major: Psychology –

College of Liberal Arts and Sciences Title: Creativity and its Relation to Affective Disorders Director: Mark Montesano, Barrett, The Honors College

Shane Kula

Major: Sustainability – School of Sustainability Title: Mobile Phones and Privacy: Are Technology and Privacy Incompatible? Director: Edward Hackett, School of Human Evolution & Social Change

Elise Kulik

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: A Review and Analysis of Desert Tortoise Conservation Efforts Director: Kenro Kusumi, School of Life Sciences

Davina Sangitha Kumar

Major: Biological Sciences (Biology and Society) – College of Liberal Arts and Sciences

Title: The Psychology of Stealing: What Drives Theft on Arizona State University's Tempe Campus Director: Michael Angilletta, School of Life Sciences

Mary Francis Kupsch

Major: English (Literature) – College of Liberal Arts and Sciences

Second Major: Anthropology -

College of Liberal Arts and Sciences Title: Forbidden Love and Adulterous Affairs: The Portrayal of Tristen and Isolde throughout the Centuries Director: Richard Newhauser, Department of

Brandon Edward Kutzler

English

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

Second Major: English (Literature) – College of Liberal Arts and Sciences Title: Contemporary American Literature Director: Michael Pfister, Department of English

Jenny La

Major: Biological Sciences – College of Liberal Arts and Sciences Title: Cross Comparison of 3 Healthcare Systems in 3 Subpecialties Director: Monica Gaughan, School of Human Evolution & Social Change

Miles Laff

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Expansion Algorithms in Self-Organizing Particle Systems Director: Andrea Richa, School of Computing, Informatics, & Decision Systems Engineering

Noor Atiya Jabeen Lallmamode

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Second Major: Microbiology – College of Liberal Arts and Sciences Title: Leveraging Anaerobic Micro-organism Clostridium Acetobutylicum in an Integrated Bio Process to Poduce Biofuel Biobutanol Director: David Nielsen, School for Engineering of Matter, Transport & Energy

Christina Lam

Major: Psychology -

College of Liberal Arts and Sciences Title: Expanding the Reach of Homeless Prevention: A Study of Faith Congregation in the City of Tempe Director: Carlos Valiente, T. Denny Sanford School of Social and Family Dynamics

Christine Lam

Major: Digital Culture (Media Processing) – Herberger Institute for Design and the Arts *Title: Evaluating Components of Design* Interfaces for Gesture-Based HCI Director: Erin Walker, School of Computing, Informatics, & Decision Systems Engineering

Angel Wing Lam

Major: Nursing – College of Nursing and Health Innovation Title: Using a Longitudinal Case Study to Teach Warfarin Concepts to Prelicensure and Postbaccalaureate Nursing Students: A Peer

Evaluation Director: Kimberly Vana, College of Nursing and Health Innovation

Ryan Andrew Lane

Major: Software Engineering – Ira A. Fulton Schools of Engineering Title: English-Hungarian Machine Translator in Prolog Director: Ajay Bansal, School of Computing, Informatics, & Decision Systems Engineering

Maggie Lane Lapoint

Major: Business (Public Service and Public Policy) – W. P. Carey School of Business Second Major: Spanish – College of Liberal Arts and Sciences Title: Air Quality and Public Health in the Age of Technology Director: Erik Johnston, School of Public Affairs

Austin James Larsen

Major: Digital Culture (Art) – Herberger Institute for Design and the Arts *Title: Player Interaction Shaped by Game Design Director: James Gee, Mary Lou Fulton Teachers College*

Brett William Larsen

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Second Major: Physics – College of Liberal Arts and Sciences Title: Developing a Flexible Electric and Magnetic Field Imaging Blanket Director: David Allee, School of Electrical, Computer and Energy Engineering

Anika Larson

Major: Biological Sciences (Biology and Society) – College of Liberal Arts and Sciences

Second Major: Global Studies – College of Liberal Arts and Sciences

Title: Teaching Biology in a Maximum-Security Prison Unit: Feedback, Notes and Recommendations from a Pilot Class Director: Tsafrir Leket-Mor, School of Life Sciences

Winnie Ching Yan Lau

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Synthesis and Characterization of Thin Supported PDMS/ZI-71 Films for Pervaporative Biofuel Recovery Director: Mary Laura Lind, School for Engineering of Matter, Transport & Energy

Kevin Kin Hang Lau

Major: Psychology -

College of Liberal Arts and Sciences Title: The Effects of Executive Control Depletion on Within-Task Transfer Director: Gene Brewer, Department of Psychology

Brady Scott Laughlin

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Clonal Analysis of a Human Breast Cancer Director: Casey Ankeny, School of Biological and Health Systems Engineering

Yvonne Terry Lawson

Major: Secondary Education (Business Education) – Mary Lou Fulton Teachers College Title: Financial Literacy: What Every High School Student Should Know before they Graduate Director: Teresa Panneton, Mary Lou Fulton Teachers College

Lesley Kim Le

Major: Secondary Education (Mathematics) – Mary Lou Fulton Teachers College Title: Student Understanding of Function Notation and Its Impacts on Student Approaches to Problem Solving Director: Marilyn Carlson, School of Mathematical & Statistical Sciences

Alisa Yulim Lee

Major: Biochemistry – College of Liberal Arts and Sciences Title: Derby Devils: The Creation and Development of a Collegiate Roller Derby Team Director: Devoney Looser, Department of English

Betty Audrey Lee

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

Second Major: Finance – W. P. Carey School of Business Title: A Venture into Healthcare Education: Business Plan Development Director: Dan Brooks, Department of Supply Chain Management

William Lee

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: A Bench-Top Demonstration of a Novel Material Thermal Storage System Test Apparatus Director: Patrick Phelan, School for Engineering of Matter, Transport & Energy

Monique Briana Leon

Major: Accountancy – W. P. Carey School of Business Title: The EU: A History of British Skepticism Director: Jose Mendez, Department of Economics

Amanda Lynn Lepore

Major: History –

College of Liberal Arts and Sciences Title: The Importance of Slave Narratives: Analyzing the Life of Jacob D Green as Told by His Narrative Director: Calvin Schermerhorn, School of Historical, Philosophical and Religious Studies

Sarahi Lerma

Major: Life Sciences – New College of Interdisciplinary Arts and Sciences Title: The feeding kinematics of rainbowfish Director: Lara Ferry, School of Mathematical and Natural Sciences

Kevin Leung

Major: Graphic Design – Herberger Institute for Design and the Arts Title: Disruption: Cyberterrorism and Its Effects on the Safety of America Director: Michelle Fehler, The Design School

Erik Lien

Major: Film (Filmmaking Practices) – Herberger Institute for Design and the Arts *Title: Common Tongue Director: Christopher Bradley, Department of English*

Tayllor Lillestol

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

Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Walt Disney World and Universal Studios: Understanding Strategy in the Theme Park Sector Director: Dallen Timothy, School of Community Resources and Development

Aung Tun Lin

Major: Architectural Studies – Herberger Institute for Design and the Arts Title: Phoenix Museum of Chinese Immigration & Cultural Center Director: Craig Barton, The Design School

Myrtle Lin

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: Increasing Financial Support from Corporate Donors: A Collaboration between Habitat for Humanity and Community Action Research Experiences Program Director: Bethany Van Vleet, T. Denny Sanford School of Social and Family Dynamics

John Steven Linamen

Major: Finance – W. P. Carey School of Business Second Major: Management – W. P. Carey School of Business Title: Professional Sporting Leagues: How League Policies Affect Team Decision-Making. Director: John Eaton, Department of Marketing

Becca Ann Little

Major: Software Engineering – Ira A. Fulton Schools of Engineering Title: Creating a Virtual Reality Experience Using the Oculus Rift Director: Ashish Amresh, School of Computing, Informatics, & Decision Systems Engineering

Andrew Liu

Major: Accountancy – W. P. Carey School of Business Second Major: Economics – W. P. Carey School of Business Third Major: Finance – W. P. Carey School of Business Title: Prioritizing Projects on Time and Cost for a More Efficient Manufacturing Process of a Semiconductor Company Director: Mark Simonson, Department of Finance Jennifer Alexandra Lloyd Major: Political Science – College of Liberal Arts and Sciences Second Major: Global Studies – College of Liberal Arts and Sciences Title: Analyzing the Employment of Corrupt Practices in the Competition for Power and Influence in the Chinese Communist Party Director: Sarah Shair-Rosenfield, School of Politics and Global Studies Savannah Brittany Lokey Major: Psychology –

College of Liberal Arts and Sciences Title: Bridging the Gap Between Research and Practice: Barriers to Program Implementation in Mental Healthcare Director: Anne Mauricio, Department of Psychology

Audree Katherine Lopez

Major: Marketing – W. P. Carey School of Business Second Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Fashion Certificate at W. P. Carey School of Business Director: Amy Ostrom, Department of Marketing

Rachael Lee Lopez

Major: Management – W. P. Carey School of Business Title: Exploring Disparities in Women, Gender, and the Death Penalty Director: Michael Stanford, Barrett, The Honors College

Miguel Lopez-Gonzalez Maior: Accountancy –

W. P. Carey School of Business Title: The Source and Outcomes of Happiness for College Students Director: Marcie LePine, Department of Management

Jade Elizabeth Lougee

Major: English (Literature) – College of Liberal Arts and Sciences *Title: The Efficacy of the Ad Exchange Program between Literary Magazines Director: Patricia Murphy, College of Letters and Sciences*

David H. Ludwick

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

Angela Marie Lufkin

Major: Architectural Studies – Herberger Institute for Design and the Arts *Title: Education in Transit: The Architecture of Resource Based Learning Director: Phil Horton, The Design School*

Christopher Joseph Luna

Major: Physics – College of Liberal Arts and Sciences Second Major: Mathematics – College of Liberal Arts and Sciences Title: Neural Networks for Predicting Heat Transport in Tokamak Plasmas Director: Wenbo Tang, School of Mathematical & Statistical Sciences

Ryan Anthony Lynch

Major: Marketing – W. P. Carey School of Business Title: Innovation Space Director: Sidnee Peck, Department of Management

Owen Ma

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: Sensitivity Analysis of a Spatio-Temporal Based Seizure Prediction Algorithm Director: Daniel Bliss, School of Electrical, Computer and Energy Engineering

Melina Christine Machas

Major: Accountancy – W. P. Carey School of Business Title: Factors Affecting Brand Loyalty and Consumer Purchasing Decisions: A Study of the Starbucks Experience Director: John Eaton, Department of Marketing

Gabrielle Elise Maestas

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: The Role of Precision Grip Aperture in Hardness Differentiation of Cube-Like Objects Director: Stephen Helms Tillery, School of Biological and Health Systems Engineering

Myles Anthony Maietta

Major: Psychology – College of Liberal Arts and Sciences

Title: Emerging Information Technology, Storage and Evaluation within Healthcare: A Discerning IMT Analysis

Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Jenna Cathleen Makis

Major: Marketing -

W. P. Carey School of Business Title: UCare: A Sophisticated Approach to Gaining Market Share in the eGrocery Industry Director: John Eaton, Department of Marketing Jordan Anthony Martin Makis Major: Supply Chain Management -W. P. Carey School of Business Second Major: Finance -W. P. Carey School of Business Title: UCare: A Sophisticated Approach to Gaining Market Share in the e Grocery Industry Director: John Eaton, Department of Marketing Ryan Daniel Maloney Major: Digital Culture (Media Processing) -Herberger Institute for Design and the Arts Title: TableTop Director: Liam Mayron, School of Computing, Informatics, & Decision Systems Engineering Sarah Elizabeth Mann Major: Journalism and Mass Communication Walter Cronkite School of Journalism and Mass Communication Title: Life on the Ice: The Journey to Becoming an Elite Figure Skater Director: Leslie-Jean Thornton, Walter Cronkite School of Journalism and Mass Communication Margaret Nicole Marcinkowski Major: Industrial Design -Herberger Institute for Design and the Arts Second Major: Design Studies (Design Management) -Herberger Institute for Design and the Arts Title: Dr. Dish: Rethinking Household Water Use in an Increasingly Thirsty World Director: Dosun Shin, The Design School Zachary Mark Marin Major: Biological Sciences (Genetics, Cell and Developmental Biology) -College of Liberal Arts and Sciences Second Major: Asian Languages - Chinese -

College of Liberal Arts and Sciences Title: Xianyou (Transcendent Journeys): The Pursuit, Inquiry into and Experience of Dao in the Quanzhen School of Daoism Director: Stephen Bokenkamp, School of International Letters and Cultures

Kelsey Lynn Maris

Major: Construction Management (General Building Construction) – Ira A. Fulton Schools of Engineering Title: Nexus of Green and Lean Construction Director: Kristen Parrish, School of Sustainable Engineering and the Built Environment

Grant Marshall

Major: Computer Science – Ira A. Fulton Schools of Engineering Second Major: Mathematics – College of Liberal Arts and Sciences Title: Predicting Trends on Social Networks Director: Huan Liu, School of Computing, Informatics, & Decision Systems Engineering

Haley Jung Ae Marshall

Major: English – New College of Interdisciplinary Arts and Sciences Title: Harry Potter and the Barrett Thesis: Defining and Analyzing Young Adult Literature Director: Darryl Hattenhauer, School of Humanities, Arts and Cultural Studies

Stephanie Lorraine Martin

Major: Performance (Orchestral Instrument) – Herberger Institute for Design and the Arts

Title: Des Knaben Wunderhorn: Arrangements for Horn and Marimba Director: John Ericson, School of Music

Sara Mata Stevens

Major: Biochemistry – College of Liberal Arts and Sciences Title: Ratio of Vegetable to Fruit in Juice Diets: A Case Study of the Online Juicing Population Director: Sandra Mayol-Kreiser, School of Nutrition and Health Promotion

Sophia Mayberry

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

Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: An examination of the resources couples have to make large purchases. Director: Wendy Hultsman, School of Community Resources and Development

Paul Milton McAfee

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Inorganic-coated Polypropylene Separators for Lithium-Ion Batteries Director: Jerry Lin, School for Engineering of Matter, Transport & Energy

Hannah Lee McAtee

Major: Global Health – College of Liberal Arts and Sciences Title: The Science of Water Art: A Cross-Cultural Comparison of Children's Perspectives on Water and the Environment Director: Amber Wutich, School of Human Evolution & Social Change

Emily Anne McCaleb

Major: Business Entrepreneurship – W. P. Carey School of Business Second Major: Management – W. P. Carey School of Business Title: Corporate Relationships with Universities: A Look at Current and Future Strategic Partnerships Director: Sidnee Peck, Department of Management Cailen Marie McCloskey

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Second Major: Biochemistry – College of Liberal Arts and Sciences Title: The Effect of Polymer Film Roughness on the Performance of Reverse Osmosis Membraness Director: Mary Laura Lind, School for Engineering of Matter, Transport & Energy

Robert Carl McCoach

Major: Finance – W. P. Carey School of Business Second Major: Accountancy – W. P. Carey School of Business Title: Intel Collaborative Thesis Director: Mark Simonson, Department of Finance

Ryan Michael McConnaughy

Major: Communication – College of Liberal Arts and Sciences Second Major: Sociology – College of Liberal Arts and Sciences Title: From the Battlefield to the Classroom: Communication Barriers Veteran Students Experience with Professors and Peers and how this can effect their feelings of Self-Efficacy as a Student. Director: Bradley Adame, Hugh Downs School of Human Communication

Bobby McCormick

Major: Management – W. P. Carey School of Business Title: Gender Inequality in the Venture Capital Industry Director: Peggy Lee, Department of Management

Sean Wesley McDaniel

Major: Performance (Jazz) – Herberger Institute for Design and the Arts *Title: Chronos: An Arrangement for Jazz Sextet Director: Michael Kocour, School of Music*

Clayton Ross McDougall

Major: Film (Film and Media Production) – Herberger Institute for Design and the Arts Second Major: History – College of Liberal Arts and Sciences Title: Memory Wipe Director: Muriel Magenta, School of Art

Cydney Grey Mcfarland

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Woman with Wanderlust Director: Julie Amparano, School of Humanities, Arts and Cultural Studies

Faye Rachele McGechie

Major: Anthropology -

College of Liberal Arts and Sciences Title: The Roles of Positional Behavior and Brain Growth in Generating Ontogenetic Variation in the Human Cranial Base Director: William Kimbel, School of Human Evolution and Social Change

Taylor McGlone

Major: Biological Sciences – College of Liberal Arts and Sciences Second Major: Psychology – College of Liberal Arts and Sciences *Title: The sensory basis of olfactory detection in*

the Dampwood termite, Zootermopsis nevadensis Director: Juergen Liebig, School of Life Sciences

Shana Leah McGownd

Major: Kinesiology – College of Health Solutions Title: Assisted Cycling Therapy Improves Childhood Depression in Adolescents with Down Syndrome Director: Shannon Ringenbach, Barrett, The Honors College

Cora Elizabeth McHugh

Major: Biological Sciences (Conservation Biology and Ecology) – College of Liberal Arts and Sciences Title: The effect of Pristine fungicide on honey bee taste and sucrose threshold response Director: Brian Smith, School of Life Sciences

Andrew Daniel McKee

Major: Health Sciences – College of Health Solutions Title: College Students' Knowledge and Beliefs of Unusual Sexual Behaviors Director: Grace Galliano, College of Letters and Sciences

Tyler James McKinney

Major: Aerospace Engineering (Astronautics) –

(Astronautics)

Ira A. Fulton Schools of Engineering Title: Designing and Prototyping a Hopping Mobility Mechanism for Robotic Exploration of Lunar Lava Pits Director: Jekanthan Thangavelautham, School of Earth and Space Exploration

Ian Nicholas McLeod

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering *Title: APPLYING INFORMATION MEASUREMENT THEORY TO IMPROVE THE AMERICAN CRIMINAL JUSTICE SYSTEM Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment*

Kristyn Noelle McLeod

Major: Computational Mathematical Sciences –

College of Liberal Arts and Sciences Title: FOURFUN: A New System for Automatic Computations using Fourier Expansions Director: Rodrigo Platte, School of Mathematical & Statistical Sciences

Savanah Dior McMahon

Major: Biochemistry – College of Liberal Arts and Sciences Title: Optimization of Conditions for Hydrogen Gas Production by Heliobacteria Director: Kevin Redding, Department of Chemistry & Biochemistry

Kyle Jonathan McMullan

Major: Materials Science and Engineering – Ira A. Fulton Schools of Engineering *Title: Methane Producing Catalyst Improvement Director: James Adams, School for Engineering of Matter, Transport & Energy*

Mason Charles Mechler

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: The Sport of Water Skiing: What it is, how to do it, and a look at the various factors affecting skier participation Director: Nalini Chhetri, Julie Ann Wrigley Global Institute of Sustainability

Michael James Mefford

Major: Economics – W. P. Carey School of Business Second Major: Supply Chain Management – W. P. Carey School of Business Title: Innovation Space Redesigned Powered Wheelchair controller Director: Sidnee Peck, Department of Management

Natalie Anne Melkonoff

Major: Sustainability – School of Sustainability Title: Teaching Sustainability with Goats in Grenada: Informal Education and the Formal Classroom Director: James Eder, School of Human Evolution & Social Change

Tushar Menon

Major: Biological Sciences – College of Liberal Arts and Sciences Title: A Descriptive Study of Aortic Arch Repairs at Phoenix Children's Hospital. Director: Jason Newbern, School of Life Sciences Co-Director: John J. Nigro, Phoenix Children's Hospital Major: Biological Sciences (Genetics, Cell and Developmental Biology) –

College of Liberal Arts and Sciences Title: Production and Expression of High and Low Risk HPV Genes in a Mammalian System Director: Karen Anderson, School of Life Sciences

Kayla Lorrie-Lee Messinger

Major: Family and Human Development – College of Liberal Arts and Sciences Second Major: Psychology –

College of Liberal Arts and Sciences Title: Parental Encouragement and Discouragement During Science Problem Solving: A Function of Parental Beliefs Based on Child's Gender Director: Susannah Sandrin, School of Mathematical and Natural Sciences

Alexander Michael

Major: Biochemistry – College of Liberal Arts and Sciences Title: Effect of Synbody-14 on Methicillin Resistant Staphylococcus Aureus Director: Chris Diehnelt, The Biodesign Institute

Kelsey LeAnn Millar

Major: Kinesiology -

College of Health Solutions Title: Assisted Cycling Therapy Improves Cognitive Planning in Adolescents with Down Syndrome Director: Shannon Ringenbach, Barrett, The Honors College

Catherine Susan Millar-Haskell

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: The effect of VEGF-ECM crosstalk on neural stem cell behavior Director: Sarah Stabenfeldt, School of Biological and Health Systems Engineering

Ava Miller

Major: Family and Human Development – College of Liberal Arts and Sciences Title: An Analysis of Items from the LA HOME Inventory Director: Robert Bradley, Department of Psychology

Mandana Minai

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Second Major: Psychology –

College of Liberal Arts and Sciences Title: Prenatal Testing and Behavioral Genetics Director: Jane Maienschein, School of Life Sciences

Abhinav Mishra

Major: Biological Sciences – College of Liberal Arts and Sciences

Second Major: Political Science – College of Liberal Arts and Sciences Title: Chromatin immunoprecipitation (ChIP) analysis of the role of early growth response 3 protein (EGR3) in the regulation of the Htr2a gene in the mouse model Director: Kenneth Buetow, School of Life Sciences

Erik Richard Misiak

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: Application of the Performance Information Procurement System, to devise a Construction Vendor Performance Tracking Structure for the City of Rochester, City of Roseville, and Rochester Public School District Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Tyler Takeo Miyasaki

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Quantitative Glycanomic GCMS Assay Director: Chad Borges, Department of Chemistry & Biochemistry

Amanda Leann Mollindo

Major: Art (Photography) – Herberger Institute for Design and the Arts *Title: Young Mothers: Photography Exploring Life After Teen Pregnancy Director: Elizabeth Schneider, School of Art Director: Aviva Dove-Viebahn – Barrett, The Honors College*

Riley Molloy

Major: Mathematics – College of Liberal Arts and Sciences Second Major: Physics – College of Liberal Arts and Sciences Title: Conditions for Almost Commuting Matrices to be Nearly Commuting Director: Jack Spielberg, School of Mathematical & Statistical Sciences

Joshua Timothy Monaghan

Major: Computer Information Systems – W. P. Carey School of Business Title: Baseball Marketing: Positioning Tactics of the Los Angeles Angels of Anaheim Director: John Eaton, Department of Marketing

Elizabeth Monnig

Major: English (Literature) – College of Liberal Arts and Sciences Second Major: History – College of Liberal Arts and Sciences Title: Disney Animated Film and its Negative Impact on Children Director: Aaron Baker, Department of English

Brett Joseph Montgomery

Major: Environmental and Resource Management – Ira A. Fulton Schools of Engineering Title: Wildlife Strikes at Airports: What are the Contributing Factors? Director: Heather Bateman, College of Letters

Director: Heather Bateman, College of Letter and Sciences

Amanda Ray Moore

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Observing Effects of Drug Modulation on Electrophysiological Response of Aplysia Neurons Director: Jitendran Muthuswamy, School of Biological and Health Systems Engineering

Ashley Nicole Moore

Major: Accountancy -

W. P. Carey School of Business Title: Encouraging Altruism: An Examination of Moral Obligation, Altruism, and Human Tendency Director: Elizabeth Brake, School of Historical, Philosophical and Religious Studies

Dalton Dale Moore

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Time-dependent modulations in corticospinal excitability during motor learning Director: Marco Santello, School of Biological and Health Systems Engineering

Travis David Moore

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass Communication

– Walter Cronkite School of Journalism and Mass Communication

Title: The Shooting Cycle and Publicity: An Examination of State Legislator Voting Patterns and Political Transparency Before and After a Mass Shooting Director: Xu Wu, Walter Cronkite School of

Journalism and Mass Communication

Sydney Katherine Morrison

Major: Music Therapy – Herberger Institute for Design and the Arts Title: Suitable for All Ages: A Reference for Therapeutic Music Making Experiences Director: Barbara Crowe, School of Music

Stephanie Jean Morse

Major: Criminal Justice and Criminology – College of Public Service and Community Solutions

Second Major: Psychology -

College of Liberal Arts and Sciences Title: The Impact of Social Controls on Police Officers' Perceptions of Use of Force Director: Kevin Wright, School of Criminology and Criminal Justice

Jerasimos Theodore Moschonas

Major: English (Literature) – College of Liberal Arts and Sciences Title: Once Upon a Midnight Dreary: A Study of Cross-Cultural Gothic Fairytales Director: Lawrence Ellis, Department of English

Ryan Muller

Major: Biochemistry (Medicinal Chemistry) – College of Liberal Arts and Sciences

Second Major: Molecular Biosciences and Biotechnology – College of Liberal Arts and Sciences

Title: Using Natural Diversity of Quorum Sensing to Expand the Synthetic Biology Toolbox Director: Karmella Haynes, School of Biological and Health Systems Engineering

Amanda Kathleen Munion

Major: Psychology (Psychological Science) – College of Liberal Arts and Sciences Title: Does Joint Action Facilitate Motor Learning? Director: Arthur Glenberg, Department of Psychology

Bryce Taylor Munter

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Mathematical Modeling of Nutrient Transport through the Intervertebral Disc to Prevent Future Disc Degeneration after Transplantation Director: Marco Santello, School of Biological and Health Systems Engineering

Daniel Jordan Murphy

Major: Biochemistry – College of Liberal Arts and Sciences Title: Paleolithic Nutrition: Fact or Fiction? Investigating Possible Unintended Consequences of Fad Dieting. Director: Lisa Morse, School of Nutrition and Health Promotion

Emily Ann Murphy

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Antibiotic Resistance in Bacteria: Status of the World Today Director: Netra Chhetri, School of Geographical Sciences & Urban Planning

Bryce Muzzy

Major: Engineering Management – Ira A. Fulton Schools of Engineering Title: The Relationship Between the Success and Composition of Modern Popular Electronic Dance Music and the Seasons and Climate Director: Sabine Feisst, School of Music

Sheridan Nicole Myers

Major: Accountancy – W. P. Carey School of Business Title: Young Women in Leadership - Expanding Mentoring to High School Women Director: Tim Desch, W. P. Carey School of Business

Jennifer Na

Major: Communication – College of Liberal Arts and Sciences Title: Examining Digital Media in the Fashion Industry Director: Pauline Cheong, Hugh Downs School of Human Communication

Brett Ranon Nachman

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Epcot's Evolution: Disney's Ultimate World's Fair of Technological and Cultural Synergy Director: Pamela Stewart, College of Letters and Sciences

Garrett Albert Nebeker

Major: Finance -

W. P. Carey School of Business Second Major: Business (Global Politics) – W. P. Carey School of Business Title: United States Corporations affect on Emerging Democracy in the 3rd Wave of Democracy Director: John Eaton, Department of Marketing

Ian Douglas Neufer

Major: Mathematics – College of Liberal Arts and Sciences Title: Two Approaches to MRI Reconstruction: Gaussian Radial Basis Functions and Single Shot Parse Director: Rodrigo Platte, School of Mathematical & Statistical Sciences

Valerie Christina Ngai

Major: Kinesiology – College of Health Solutions Title: Explaining Motor Imagery: Mirror Neurons as a Physiological Mechanism Director: Kristin Hoffner, School of Nutrition and Health Promotion

Miranda Ngan

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Development of an Ionic Liquid Electrolyte for Seismometer Applications Director: Lenore Dai, School for Engineering of Matter, Transport & Energy

Christine Hoang Nguyen

Major: Accountancy – W. P. Carey School of Business Title: Students' Learning Styles as a Determinant in their Working Environment Director: James Moore, Department of Management

Geneva Trieu Nguyen Major: Biochemistry -College of Liberal Arts and Sciences Title: Immunosignature System for Diagnosis of Lung Cancer Director: Neal Woodbury, Department of Chemistry & Biochemistry Melissa Nguyen Major: Art (Photography) -Herberger Institute for Design and the Arts Title: On Music Videos Director: Edward Finn, School of Arts, Media + Engineering Nhi N. Nguyen Major: Digital Culture (Design) -Herberger Institute for Design and the Arts Second Major: Design Studies (Design Management) -Herberger Institute for Design and the Arts Title: Therapeutic High Heels: Merging Fashion and Wearable Technology Director: Todd Ingalls, School of Arts, Media + Engineering Phong Thien Huynh Nguyen Major: Biochemistry (Medicinal Chemistry) - College of Liberal Arts and Sciences Title: Electron Transfer Process in Heliobacteria Director: Kevin Redding, Department of Chemistry & Biochemistry Emily Jave Nichols

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass

Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Training a Personal Brand Director: Xu Wu, Walter Cronkite School of Journalism and Mass Communication

Domenico Giuseppe Nicosia

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

Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Breaking the Italian News Cycle: A Study of Breaking News Ethics, Practices, and Promotion Between The Arizona Republic and Italian Media Organizations Director: Bill Silcock, Walter Cronkite School of Journalism and Mass Communication

Rodmanned Arya Nikpour

Major: Philosophy -

College of Liberal Arts and Sciences Title: Death, Delight, and Destitution: What Sort of Epicurean was Palladas of Alexandria? Director: Michael Tueller, School of International Letters and Cultures Nicholas Lee Nist

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Business (Global Politics) – W. P. Carey School of Business Title: A Comparative Analysis of "Barcades" and Viability in the Market Director: Dan Brooks, Department of Supply Chain Management

Eric Anthony Nix

Major: Business (Sports and Media Studies) – W. P. Carey School of Business Second Major: Business (Law) – W. P. Carey School of Business Title: Lockouts and Collective Bargaining in Professional Sports: A Case Study of the National

Hockey League Director: John Eaton, Department of Marketing

Erin Nolan

Major: Biochemistry – College of Liberal Arts and Sciences Second Major: Psychology – College of Liberal Arts and Sciences Title: The Rural Alaska Wellness Project Director: Gordon Shockley, School of Community Resources and Development

Eliza Armstrong Normen

Major: Kinesiology -

College of Health Solutions Title: Review of Current ACL Repair Approaches and Recommendations for Improved Graft and Repair Mechanisms Director: Tannah Broman, School of Nutrition and Health Promotion

Joseph Robert North

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Impromp2: An Event Searching Application Director: Janaka Balasooriya, School of Computing, Informatics, & Decision Systems Engineering

Daniel Martin Oberhaus

Major: English (Creative Writing) – College of Liberal Arts and Sciences Second Major: Philosophy – College of Liberal Arts and Sciences

Title: The War on Terror Must Not Be Won: Heretical Hypotheses on the Suicide Engine Director: Mary Ingram-Waters, Barrett, The Honors College

Kelley Xiao-Fung O'Brien

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Increased Chemokine Secretion Resulting from LKB1 Loss Leads to Reprogramming of the Tumor Microenvironment in Non-Small Cell Lung Cancer Director: Joseph Blattman, School of Life Sciences Rachel Lindsay Olsen Major: Global Health – College of Liberal Arts and Sciences Second Major: Political Science – College of Liberal Arts and Sciences Third Major: Psychology – College of Liberal Arts and Sciences Title: Cross-Cultural Examination of Mental Health Services and Outcomes: A Comparative Study on the United States, Japan, South Africa and Ethiopia Director: Monica Gaughan, School of Human Evolution & Social Change Tyler Olsen Major: Philosophy –

College of Liberal Arts and Sciences Title: Techne, Virtue, and Dialectic - The "What" and the "Way" of Moral Understanding in Plato Director: Jack Crittenden, School of Politics and Global Studies

Markey Olson

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Haptic Discrimination of Object Size via Tactile Sensation vs. Vibratory Sensory Substitution Director: Stephen Helms Tillery, School of Biological and Health Systems Engineering

Sophie Aurelia Opich

Major: English (Creative Writing) – College of Liberal Arts and Sciences Title: Collected Poems Director: Sally Ball, Department of English

James Logan Oplinger

Major: Engineering (Electrical Systems) – Ira A. Fulton Schools of Engineering Title: Leadership Characteristics within the Making Community Director: Micah Lande, Engineering and Manufacturing Engineering

Adam James Orr

Major: Molecular Biosciences and Biotechnology – College of Liberal Arts and Sciences Second Major: Mathematics – College of Liberal Arts and Sciences Title: Gene Families in Cancer: Using Phylogenetic Data to Examine an Atavistic Model of Cancer Director: Paul Davies, Department of Physics

Alana Ray Osborne

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

Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication *Title: Empowerment: Embodiment of Self-Other World*

Director: Jacqueline Martinez, College of Letters and Sciences

Shannon Marie Osgood

Major: Political Science – College of Liberal Arts and Sciences Title: Women in Politics and Leadership: Analyzing the Gender Gap at the State and National Level Director: Gina Woodall, School of Politics and Global Studies

Michelle Gail Osofsky

Major: Accountancy – W. P. Carey School of Business

Title: Student's Learning Styles as a Determinant of Their Work Environment Director: James Moore, Department of Management

Maggie Elizabeth Otlewski

Major: Psychology -

College of Liberal Arts and Sciences Title: The Greater Part: A Catholic "Feminism" in Service of Christ and Humanity Director: David Barker, School of Film, Dance & Theatre

Madeline Grace Pado

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: From Study Abroad to Global Citizen Director: Jacquelyn Scott Lynch, Barrett, The Honors College

Patrick Pagaduan

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: Measuring and Profiling the Magnetic Field Produced by Live Current in Power Transmission Lines with the Use of a UAV Director: David Allee, School of Electrical, Computer and Energy Engineering

Benjamin Henry Paley

Major: Music – Herberger Institute for Design and the Arts

Second Major: Sociology – College of Liberal Arts and Sciences Title: Integrating Music into Studying: Music, Affect, and Achievement Director: Robert Atkinson, School of Computing, Informatics, & Decision Systems Engineering

Tro Hratch Panosian

Major: Finance – W. P. Carey School of Business Title: The Fundless Sponsor Model: Decisions and Analysis in Various Stages of the Deal Process Director: Mark Simonson, Department of Finance

Shaili Rajul Parekh

Major: Anthropology – College of Liberal Arts and Sciences Title: Morality & Disgust of Food Preferences Director: Daniel Hruschka, School of Human Evolution & Social Change

Heeral Patel

Major: Molecular Biosciences and Biotechnology – College of Liberal Arts and Sciences Title: Challenges in the Expression and Purification of Intercellular Adhesion Molecule- 1 Director: Tsafrir Leket-Mor, School of Life Sciences

Nirali Patel

Major: Global Health – College of Liberal Arts and Sciences Second Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Planting New Roots in the Global City: A Socioeconomic Analysis of Integration Practices

and Outcomes in Refugee Resettlement Programs Director: Barbara Klimek, School of Social Work

Sharath Patil

Major: Supply Chain Management – W. P. Carey School of Business Title: The Political, Financial, and Cultural Difficulties of Operating a Microcredit Lending Organization in Israel & the Palestinian Territories Director: Elizabeth Larson, School of Geographical Sciences & Urban Planning

Ashley Crystal Patton

Major: Communication – New College of Interdisciplinary Arts and Sciences

Second Major: Political Science – New College of Interdisciplinary Arts and Sciences

Title: Striving for a Voice in the Public Sphere: Political Ambition, Public Speaking, and Women Director: Diane Gruber, Barrett, The Honors College

Angie Pena

Major: Anthropology -

College of Liberal Arts and Sciences Title: Geometric Morphometrics of Basicranial Morphology in Orthograde and Non-Orthograde Mammals

Director: William Kimbel, School of Human Evolution and Social Change

Maricarmen Contreras Perez-Vargas

Major: Justice Studies – College of Liberal Arts and Sciences Title: The Application of the Death Penalty in Arizona Director: Gray Cavender, School of Social Transformation

Trevor Charles Pickrell

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: Method to Systematically Optimize the Formula Society of Automotive Engineering Racecar Director: Steven Trimble, School for Engineering of Matter, Transport & Energy David John Picone

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

Mariel Piechowicz

Major: Psychology – College of Liberal Arts and Sciences Title: Factors Influencing Bone Marrow Donation Among the College-Aged Population Director: Jonathan Maupin, School of Human Evolution & Social Change

Giovanni Jourdain Pieve

Major: Earth and Space Exploration (Astrobiology and Biogeosciences) – College of Liberal Arts and Sciences Title: Leonardo Da Vinci: Codex Leicester Director: Juliann Vitullo, School of International Letters and Cultures

Merintha Kaelyn Pinson

Major: Architectural Studies – Herberger Institute for Design and the Arts Title: Sustainability in Educational Environments Director: Claudio Vekstein, The Design School

Benjamin Daniel Pirotte

Major: Biological Sciences (Animal Physiology and Behavior) – College of Liberal Arts and Sciences Title: Consent: A Novella on Medical Ethics Director: Edward Finn, School of Arts, Media + Engineering

James Vincent Pittaro

Major: English – New College of Interdisciplinary Arts and Sciences Title: A Song of Richard III and Politics Director: Annika Mann, School of Humanities, Arts and Cultural Studies

Morgan Elizabeth Poindexter

Major: Molecular Biosciences and Biotechnology – College of Liberal Arts and Sciences Title: Development and Design of DNA Origami Nanostructures for Single Cell Analysis of Paired Gamma Delta TCR mRNA Director: Joseph Blattman, School of Life Sciences

Parker Anne Poole

Major: Marketing – W. P. Carey School of Business Second Major: Management – W. P. Carey School of Business Title: How Professional Artists Can Better Promote Themselves Online Director: Mark Pomilio, School of Art Co-Director: Nancy Gray, Department of Marketing

Matthew Rhys Powell

Major: Film (Film and Media Production) – Herberger Institute for Design and the Arts *Title: Transient Perspective: Refractions On a Semester Abroad Director: Christopher Bradley, Department of English*

Amanda Catherine Prahl

Major: English (Literature) – College of Liberal Arts and Sciences Second Major: Political Science – College of Liberal Arts and Sciences Title: Forget Me Not: A Play on Legacy, Media, and the Significance of Female Friendship Director: Pamela Sterling, School of Film, Dance and Theatre

Meiti Prang

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass

Communication – Walter Cronkite School of Journalism and Mass Communication *Title: CLS Study Abroad in Japan: Ways Students Succeed Director: Bill Silcock, Walter Cronkite School of*

Journalism and Mass Communication

Benjamin Scott Prather

Major: Physics – College of Liberal Arts and Sciences Title: Study of Exotic Mesons for the Gluex Experiment Director: Barry Ritchie, Department of Physics

Tara Morgan Pugh

Major: Parks & Recreation Management (Therapeutic Recreation) – College of Public Service and Community Solutions Title: Integrating Social Skills Training in a Therapeutic Recreation Program for Adolescents with Autism Spectrum Disorders Director: Ariel Rodriguez, School of Community Resources and Development

Noor Amanda Raad

Major: Biological Sciences – College of Liberal Arts and Sciences Title: Replacing Dietary Meat with Fish Significantly Increases Plasma Glucose without Affecting Protein Glycation Director: Karen Sweazea, School of Nutrition and Health Promotion

Nicholas William Radda

Major: Engineering (Robotics) – Ira A. Fulton Schools of Engineering Title: Jaipur Fatigue Tester Director: Mark Henderson, Barrett, The Honors College

Ashur Scott Rael

Major: Biochemistry – College of Liberal Arts and Sciences Title: Exercise: For Self and State Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Zachariah Edward Ragatz

Major: Theatre – Herberger Institute for Design and the Arts Second Major: Mathematics – College of Liberal Arts and Sciences Title: This Title Means Nothing Director: Jason Davids Scott, School of Film, Dance and Theatre

Joseph Michael Raiton

Major: Graphic Design -

Herberger Institute for Design and the Arts Title: Academ1a: Exploring the Integration of Digital Literacy and Digital Tools in the Elementary and Middle School Educational Learning Environments Director: Michelle Fehler, The Design School

Rohit Subramaniam Rajan

Major: Biochemistry – College of Liberal Arts and Sciences Title: Projection of Force: Why Drone? Director: Thorin Wright, School of Politics and Global Studies

Vijay Kambhampati Ramakrishna

Major: Molecular Biosciences and Biotechnology – College of Liberal Arts and Sciences Title: Current Joint Action Problems and Solutions in Robotics-based Upper Limb Stroke Rehabilitation Director: Stephen Helms Tillery, School of Biological and Health Systems Engineering

Mounica Rao

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Potassium Efflux Drives Syk-Mediated Regulation of NLRP3 Inflammasome Activity in Mouse Macrophages Director: Deirdre Meldrum, School of Electrical, Computer and Energy Engineering

Dylan James Rasmussen

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: Viability of Solar Stills for Desalination Director: Valana Wells, School for Engineering of Matter, Transport & Energy

Emily Catherine Ray

Major: Global Studies – College of Liberal Arts and Sciences Title: Growing a Greener Phoenix: Opportunities and Challenges for Urban Agriculture in the Phoenix Valley Director: Thomas Puleo, School of Politics and Global Studies

Tyler John Ray

Major: Applied Mathematics for the Life and Social Sciences – College of Liberal Arts and Sciences

Second Major: Biochemistry – College of Liberal Arts and Sciences Title: Metabolic Obesity and Nutrient Effects in Young, Maturing Rats

Director: Michael Caplan, School of Biological and Health Systems Engineering

Diana Rayes

Major: Psychology – College of Liberal Arts and Sciences Title: Paradox of Healing and Stigmatization: A Study of Mental Health Stigma in Arab Culture Director: Gene Brewer, Department of Psychology

Erin Regan

Micegan Major: English (Literature) – College of Liberal Arts and Sciences Second Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: Of Weasels and Words: The Contemporary Landscape of Environmental Writing and Publishing Director: Patricia Murphy, College of Letters and Sciences

Olivia Rose Reidell

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Electrochemical and Photoreactive Properties of Lipid Encapsulated Nanoparticles Director: Jeffrey LaBelle, School of Biological and Health Systems Engineering

Kyle McClure Reilly

Major: Engineering (Electrical Systems) – Ira A. Fulton Schools of Engineering Title: Wireless Air Quality Monitor Director: Nathan Johnson, Engineering and Manufacturing Engineering

Clinton Gene Reiswig

Major: Interdisciplinary Studies – College of Letters and Sciences Title: Community Cohesion in Refugee Youth in School Environments Director: Barbara Klimek, School of Social Work

Haimo Ren

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Accountancy – W. P. Carey School of Business Title: A Comparative Analysis of German/ American Films Post-WWII/Vietnam Director: Christopher Bradley, Department of English

Jillian Renslow

Major: Global Health – College of Liberal Arts and Sciences *Title: What is Health? A Cross-Cultural Analysis*

of Children's Depictions of Health in Guatemala and the United States Director: Jonathan Maupin, School of Human Evolution & Social Change

Bianca Joyce Repasi

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

Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: The Process and Analysis of Film Reviewing Director: Aaron Baker, Department of English

Allison Leigh Reynolds

Major: Secondary Education (History) – Mary Lou Fulton Teachers College

Second Major: Psychology -

College of Liberal Arts and Sciences Title: Impact of Visual Stimuli on Intergroup Perceptions Director: Heather Cate, Department of Psychology

Katherine Rose Zucker Richard

Major: Economics -

College of Liberal Arts and Sciences Title: Expanding the Implicit Social Safety Net: Estimations of Labor Supply Responses to State-Level Earned Income Tax Credit Reform Director: Eleanor Wiske Dillon, Department of Economics

Anne Elizabeth Richards

Major: Biochemistry – College of Liberal Arts and Sciences Second Major: Global Health – College of Liberal Arts and Sciences Title: CD4 Response in Well-Controlled Pediatric HIV Patients on HAART Director: Rebekka Wachter, Department of Chemistry & Biochemistry

Alicia Leann Rippere

Major: Life Sciences – New College of Interdisciplinary Arts and Sciences Title: Damage to salivary glands in Drosophila melanogaster and its effect on overall developmental timing Director: Jennifer Hackney, School of Mathematical and Natural Sciences

Kevin Anthony Risser

Major: Computer Information Systems – W. P. Carey School of Business Second Major: Business (Global Politics) – W. P. Carey School of Business Title: Developing a Social Recruiting Strategy for Companies in the Philippines Director: Michael Goul, Department of Information Systems

Hiram Alfonso Rivera-Passapera

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Psychology and Aggression: A Developmental Analysis of Batman Director: Thomas Martin, Barrett, The Honors College

Daniel Robert Robb

Major: History – College of Liberal Arts and Sciences Second Major: Philosophy – College of Liberal Arts and Sciences Title: The Evolving Frontier: Comparing the Historical Dynamics of Private Enterprise in Earth and Space Exploration Director: Stephen Pyne, School of Life Sciences

Andrew Romanov

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass Communication – Walter Cronkite School

of Journalism and Mass Communication Title: Election Coverage on a Hyperlocal Scale Director: David Wells, College of Letters and Sciences

Madelyn Rattan Romero

Major: Sustainability – School of Sustainability Title: Urban Apiculture: An Exploration of City Beekeeping and Colony Collapse Disorder Director: Michael Schoon, School of Sustainability

Ben Roos

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: Genie: A Population Genetics Simulation Built with JavaScript Director: Reed Cartwright, The Biodesign Institute

Cuathemoc Reyes Cesar Abram Ruiz

Major: Biological Sciences (Biology and Society) – College of Liberal Arts and Sciences *Title: Measuring Engagement and Learning of Evolution through Digital Multimedia Director: Susannah Sandrin, School of Mathematical and Natural Sciences*

Garrett Adam Rupp

Major: Management (Entrepreneurship) – W. P. Carey School of Business Second Major: Business (Law) – W. P. Carey School of Business Title: Ethical Analysis of Customers' Perceptions of Multilingual Phone Systems Among Various Demographic Groups Director: Lora Koretz, Department of Management

Francesco Luigi Ruta

Major: Civil Engineering – Ira A. Fulton Schools of Engineering Title: Synthesis of FAU-Type Zeolite for Low-Cost Filter Applications Director: Narayanan Neithalath, School of Sustainable Engineering and the Built Environment

Florence Rose Ruttledge

Major: Finance – W. P. Carey School of Business Second Major: Supply Chain Management – W. P. Carey School of Business Title: Women's Challenges and Best Practices f or Success in the Financial Industry Director: Dale Kalika, Department of Management

Joshua Lawrence Sabol

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Mathematics – College of Liberal Arts and Sciences Title: Effect of Transparency on Healthcare Charges Director: Mark Reiser, School of Mathematical & Statistical Sciences

Logan Salaki

Major: Air Traffic Management – Ira A. Fulton Schools of Engineering Second Major: Aeronautical Management Technology (Air Transportation Management) – Ira A. Fulton Schools of Engineering Title: An Analysis of Wildlife Strikes in Airport Environments and their Contributing Factors Director: Heather Bateman, College of Letters and Sciences

Marena Elizabeth Sampson

Major: Biological Sciences (Conservation Biology and Ecology) – College of Liberal Arts and Sciences Title: The Effect of Soil Characteristics on Greenhouse Gas Emissions in an Arid, Urban Ecosystem Director: Nancy Grimm, School of Life Sciences

Colton Richard Sanchez

Major: Finance -

W. P. Carey School of Business Title: Bull Fighting: An Art of the Past Director: David William Foster, School of International Letters and Cultures

Justin Sanchez

Major: Psychology – New College of Interdisciplinary Arts and Sciences Title: Perceptions, Attitudes and Punitiveness toward Police Officers Director: Jessica Salerno, School of Social and Behavioral Sciences Thomas Camden Sanchez Major: Supply Chain Management -W. P. Carey School of Business Title: Six Sigma Scrap Reduction in Water Bottle Manufacturing Director: James Kellso, Department of Supply Chain Management Wendy Sanchez Rodriguez Major: Psychology -College of Liberal Arts and Sciences Second Major: Spanish -College of Liberal Arts and Sciences Title: Abnormal Psychology: An Artistic Expression through Oil Paint and Watercolor Director: Forrest Solis, School of Art Nayely Sanchez-Hernandez Major: Elementary Education (Bilingual Education/English as a Second Language) - Mary Lou Fulton Teachers College Title: BLE/ESL Program: Our cohort, Our story Director: Margarita Jimenez Silva, Mary Lou Fulton Teachers College Hailey Jane Sanders Major: Chemistry -College of Liberal Arts and Sciences Title: An Expose of the Cultural and Historical Impact of Conservation Over Time Director: Betsy Fahlman, School of Art Daisy Sandoval Major: Psychology - New College of Interdisciplinary Arts and Sciences Title: Marketing to Millennials: The Moderating Effect of Construal Levels on Hedonic vs. Utilitarian Products Director: Douglas Olsen, Department of Marketing Amber Melanie Sandoval-Menendez Major: Kinesiology -College of Health Solutions Title: Evaluation of the Effects of Assisted Cycle Therapy on Short Term and Working Memory in Adolescents with Down Syndrome Director: Shannon Ringenbach, Barrett, The Honors College Vivian Roathany Sarik Major: English (Literature) -College of Liberal Arts and Sciences Title: Literature in the Classroom: What Instructional Practices Foster Improved Reading, Writing, and Critical Thinking Skills? Director: James Blasingame, Department of English

Grant Dimit Sauer

Major: Industrial Design – Herberger Institute for Design and the Arts Title: Improving the Lives of Those With Hearing Loss Director: Dosun Shin, The Design School

Renae Alejandrina Savala

Major: Supply Chain Management – W. P. Carey School of Business Second Major: Business (Public Service and Public Policy) – W. P. Carey School of Business Title: Arizona Division of Emergency Management Search and Rescue Branch Creative Project Director: Carlton Yoshioka, School of Community Resources and Development

Leah Christine Scaduto

Major: Political Science – College of Liberal Arts and Sciences Second Major: English (Literature) – College of Liberal Arts and Sciences Title: A Socio-Linguistic Analysis of a Regional Dialect of Sicilian Director: Chiara Dal Martello, School of International Letters and Cultures

Jessica Hammitt Schiltz

Major: Biomedical Engineering – Ira A. Fulton Schools of Engineering Title: Intelligibility Differences in Vocoded Speech for Adult Mandarin and English Speakers with Applications to Cochlear Implants. Director: Visar Berisha, Department of Speech and Hearing Sciences

Nathan William Schmidt

Major: Civil Engineering – Ira A. Fulton Schools of Engineering

Ira A. Futton Schools of Engineering Title: Improving the Implementation of Engineering Design Practices in Secondary Science Classrooms Director: Subramaniam Rajan, School of Sustainable Engineering and the Built Environment

Kirk Andrew Schmitz

Major: Microbiology -

College of Liberal Arts and Sciences Title: Serotonin 2A receptor (5-HT2AR) expression after sleep deprivation: the implications of stress in the onset of schizophrenia Director: Valerie Stout, School of Life Sciences

Nicholas Schmitzer

Major: Accountancy – W. P. Carey School of Business Second Major: Computer Information Systems – W. P. Carey School of Business Title: A Community Perspective on Alcohol Education Director: Lora Koretz, Department of Management

Christopher David Schott

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: Edible Microfluidics: 3D Printing Hydrogels Director: Konrad Rykaczewski, School for Engineering of Matter, Transport & Energy

Haley Alyse Schryver Major: Political Science - New College of Interdisciplinary Arts and Sciences Title: Civics in Arizona Classrooms Director: Amit Ron, School of Social and **Behavioral Sciences** Nicole Danielle Scott Major: Biological Sciences (Biology and Society) -College of Liberal Arts and Sciences Second Major: Global Health -College of Liberal Arts and Sciences Title: Historical Social Justice Perspectives on Solid Waste Siting: A Case Study of the Salt River Pima Maricopa Landfills Director: Ann Kinzig, School of Life Sciences Timothy Scott Seelig Major: Biomedical Engineering -Ira A. Fulton Schools of Engineering

Ira A. Fulton Schools of Engineering Title: Traumatice Brain Injury Upregulated Chondroitin Sulfate Proteaglycan Targeting Director: Sarah Stabenfeldt, School of Biological and Health Systems Engineering

Jacob Seemann

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Long Term Learning and Responsiveness Across Multiple Trials in Apis Mellifera Director: Gro Amdam, School of Life Sciences

Patrick Seip

Major: Economics – W. P. Carey School of Business Title: Monetization of E-sports Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Nikil Panneer Selvam

Major: Computer Science – Ira A. Fulton Schools of Engineering Second Major: Economics – College of Liberal Arts and Sciences Title: Enhancing Object Detection in an Augmented Reality Learning System Director: Robert Atkinson, School of Computing, Informatics, & Decision Systems Engineering

David Hua Seto

Major: Life Sciences – New College of Interdisciplinary Arts and Sciences

Second Major: Sociology – New College of Interdisciplinary Arts and Sciences Title: Analysis of RXR Homodimerization Driven by RXR Ligands Using Yeast Two-Hybrid Director: Pamela Marshall, School of Mathematical and Natural Sciences

Thurston Bryant Sexton

Major: Mechanical Engineering (Computational Mechanics) – Ira A. Fulton Schools of Engineering Title: Optimal Modelling of Knots in Wood Director: Timothy Takahashi, School for Engineering of Matter, Transport & Energy

Ann Mariah Shangraw

Major: Psychology – College of Liberal Arts and Sciences Title: The Influence of the "War on Cancer" Metaphor on Illness Perception and Treatment Decision Director: Virginia Kwan, Department of Psychology

Christian Kyle Shappee

Major: Industrial Design – Herberger Institute for Design and the Arts Second Major: Design Studies (Design Management) – Herberger Institute for Design and the Arts *Title: The Internet of Water Director: Dosun Shin, The Design School*

Tamir Shargal

Major: Global Health – College of Liberal Arts and Sciences *Title: Tamir Director: Evan Tobias, School of Music*

Aman Sharma

Major: Aerospace Engineering (Astronautics) – Ira A. Fulton Schools of Engineering Title: Premature Failures in Wind Turbine Bearings Director: Joseph Foy, Barrett, The Honors College

Julea Anne Shaw

Major: Biological Sciences (Conservation Biology and Ecology) – College of Liberal Arts and Sciences Title: The Influence of Surface Rock Cover on Water and Nutrient Availability for Annual Plants in the Sonoran Desert Director: Sharon Hall, School of Life Sciences

Banipal Shawil

Major: Economics – College of Liberal Arts and Sciences Second Major: Mathematics – College of Liberal Arts and Sciences Title: The Impact of Low Oil Prices on The Russian Economy Director: Sylvain Gallais, School of Mathematical and Natural Sciences

Katherine Davis Sheppard Major: Earth and Space Exploration (Geological Sciences) -College of Liberal Arts and Sciences Title: Modeling mantle genesis of basalts from the Lassen Volcanic Center Director: Christy Till, School of Earth and Space Exploration Nathanael Paul Shermett Major: Criminal Justice and Criminology -College of Public Service and Community Solutions Second Major: Psychology -College of Liberal Arts and Sciences Third Major: Spanish -College of Liberal Arts and Sciences Title: Effective Hot Spot Policing Director: Mike White, School of Criminology and Criminal Justice Eneida Agustin Shqalsi Major: Kinesiology -College of Health Solutions Title: A Community Needs Assessment to Determine the Health Status and Needs of Persons Experiencing Homelessness on the Human Services Campus Director: Kristin Hoffner, School of Nutrition and Health Promotion Andy Shriver Major: Supply Chain Management -W. P. Carey School of Business Title: The Initial Feasibility of a Small Hydroponic Farm Startup in Austin, Texas Director: Troy Schmitz, Morrison School of Agribusiness Aaron S. Sidhu Major: Biomedical Engineering -Ira A. Fulton Schools of Engineering Title: Endotracheal Tube with more efficient CO2 sensor and Bluetooth capability Director: Mark Spano, School of Biological and Health Systems Engineering Adam Mattern Silverman Major: Biological Sciences -College of Liberal Arts and Sciences Second Major: Psychology -College of Liberal Arts and Sciences Title: Personalized Medicine and the Concept of Empowerment Director: Jennifer Brian, Barrett, The Honors College Salar Simaie Major: Aerospace Engineering (Astronautics) -

(Astronautes) – Ira A. Fulton Schools of Engineering Second Major: Physics – College of Liberal Arts and Sciences Title: Spin Transport in Metallic Films with Strong Spin-Orbital Coupling Director: Tingyong Chen, Department of Physics

Anna Marie Simperova

Major: Biological Sciences

(Animal Physiology and Behavior) – College of Liberal Arts and Sciences Title: Genistein-Mediated Diet Tends to Increase Oxidative Stress in the Vasculature of Female ob/ ob Mice Director: Karen Sweazea, School of Nutrition and

Director: Karen Sweazea, School of Nutrition and Health Promotion

Alyssa Sims

Major: Business (Global Politics) – W. P. Carey School of Business Title: An Assessment of Salafi Radicalism Director: Sheldon Simon, School of Politics and Global Studies

Fallon Alicia Singer

Major: Accountancy – W. P. Carey School of Business Title: Factors Affecting Brand Loyalty and Consumer Purchasing Decisions: A Study of the Starbucks Experience Director: John Eaton, Department of Marketing

Saloni Agarwal Sinha

Major: Biochemistry – College of Liberal Arts and Sciences Title: In Vivo Clinical Animal Trials for an Antifog Coating on Surgical Lenses Director: Robert Culbertson, Department of Physics

Bethany Blair Smith

Major: Materials Science and Engineering – Ira A. Fulton Schools of Engineering Title: Quantifying the Effect of an Organic Solderability Preservative Coating on Copper Oxidation Director: James Adams, School for Engineering of Matter, Transport & Energy

Eric Lynn Smith

Major: Biochemistry – College of Liberal Arts and Sciences Title: PEGylation of Pre-Formed DNA Nanostructures Director: Hao Yan, Department of Chemistry & Biochemistry

Hunter Christian Smith

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Introspective Self-Analysis and Application of Information Measurement Theory and Kashiwagi Solution Model Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Jenna Santilli Smith

Major: International Letters & Cultures (Classics) – College of Liberal Arts and Sciences

Second Major: Philosophy -

College of Liberal Arts and Sciences Title: The Story of REACH as told by Jenna and Monica

Director: Michael Mokwa, Department of Marketing

Second Thesis Title: In Defense of the Knowledge Account for Juror Use in Criminal Trials Director: Thad Botham, School of Historical, Philosophical and Religious Studies

Karli Elizabeth Smith

Major: Anthropology – College of Liberal Arts and Sciences Title: Anthropology, Dance, and Education: Integrated Curriculum in Social Studies Director: Pamela Kulinna, Mary Lou Fulton Teachers College

Logan Farren Smith

Major: Civil Engineering – Ira A. Fulton Schools of Engineering Title: Impacts of understanding conation on student satisfaction with ASU's civil engineering program Director: Thomas Seager, School of Sustainable Engineering and the Built Environment

Madison Ann Smith

Major: Microbiology – College of Liberal Arts and Sciences Title: A Guiding Hand: Grief Response in Young Adults Director: Joseph Foy, Barrett, The Honors College

Tori Elizabeth Smith

Major: Industrial Design – Herberger Institute for Design and the Arts Second Major: Design Studies (Design Management) – Herberger Institute for Design and the Arts *Title: Improving the Experience of Wild Land Firefighters Director: Dosun Shin, The Design School*

Allison Marie Snodgrass

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Decoding Gluten Free: The Mystery Made Easy Director: Carol Johnston, School of Nutrition and Health Promotion

Amanda Rae Snodgrass

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Decoding Gluten Free: The Mystery Made Easy Director: Carol Johnston, School of Nutrition and Health Promotion Major: Supply Chain Management – W. P. Carey School of Business Title: Advancing Technology and Social Movements: A closer look into the pro-life movement and their utilization of current technological advances to gain momentum Director: Donald Critchlow, School of Historical, Philosophical and Religious Studies

Rachel Claire Snyder

Major: Sustainability – School of Sustainability Second Major: Political Science – College of Liberal Arts and Sciences Title: A Comparative Analysis of Water Demand and Management in Phoenix and Tucson Director: Kelli Larson, Julie Ann Wrigley Global Institute of Sustainability

David Stanley Sobota

Major: Psychology – College of Liberal Arts and Sciences Title: Does Self-Construal Influence How People Use Social Networking Sites?

Director: Michael Varnum, Department of Psychology

Maggie Marie Spear

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: The Gastrodiplomatic Method: How to Open Minds by Filling Stomachs Director: Elizabeth Larson, School of Geographical Sciences & Urban Planning

Gregory Paul Spell

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: Algorithms Concerning the Control of a Foveal Sensor Director: Douglas Cochran, School of Electrical, Computer and Energy Engineering

Sarah Anne Spencer

Major: Sustainability – School of Sustainability

Second Major: Urban Planning – College of Liberal Arts and Sciences

Title: Goodbye, Suburbia; Hello, Arcology: An Overview of Two Experimental Urban Projects and Their Viability in Phoenix's Sustainable Development Director: David Manuel-Navarrete, School of

Sustainability

Laura Jean Sposato Major: Journalism and Mass Communication – Walter Cronkite School of Journalism

and Mass Communication Second Major: Master of Mass Communication – Walter Cronkite School of Journalism and Mass Communication Title: The Come Back: Measles and Other Vaccine Preventable Diseases Director: Bill Silcock, Walter Cronkite School of Journalism and Mass Communication

Alex Bowen Sprayberry

Major: Management – W. P. Carey School of Business Title: Quiet Impact: Investigating the Relationship between Introversion and Commitment to Corporate Social Responsibility Director: Marcie LePine, Department of Management

Kayla Catherine Springford

Major: Marketing – W. P. Carey School of Business Second Major: Management – W. P. Carey School of Business Title: Market Development and Revenue Growth in Minor League Baseball: A Case Study Analyzing the Impact of Kids' Club Programs and Strategic Implications Director: John Eaton, Department of Marketing

Jordan Alexander Spurlin

Major: Economics – W. P. Carey School of Business Second Major: Finance – W. P. Carey School of Business Title: An Analysis of Price Competition Strategies for Brand-name and Generic Pharmaceutical Companies Under Governmental Regulations Director: Manjira Datta, Department of Economics

Mikaela Johanna Stadie

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: A Sustainable Approach to Wastewater Treatment Using Microbial Fuel Cells with Peroxide Production Director: Cesar Torres, School for Engineering of Matter, Transport & Energy

Andrew Earl Stapleton

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Performance Metrics of United States Renewable Energy Initiatives Director: Antonios Printezis, Department of Supply Chain Management

Nicole Starr

Major: Sustainability – School of Sustainability Title: Women and Bicyling: Exploring the Connections Between an Improved Infrastructure and the Perception of Safety Among Women Cyclists in Tempe Director: Jason Kelley, School of Geographical Sciences & Urban Planning

Jane Melissa Steffens

Major: Anthropology -

College of Liberal Arts and Sciences Title: Problematizing Popular American Feminism Director: Laura Popova, Barrett, The Honors College

Zalman Badi Stern-Sapad

Major: Business (Global Politics) -

W. P. Carey School of Business Title: Eminent Domain and Economic Development in Arizona: When is a use truly public? Director: Gary Birnbaum, Sandra Day O'Connor College of Law

Gail A. Stonebarger

Major: Psychology -

College of Liberal Arts and Sciences Title: Cognitive efficacy of three bioidentical, endogenously circulating estrogens given as hormone therapy: Extending prior findings and navigating into unchartered territory Director: Heather Bimonte-Nelson, Department of Psychology

Michael Olson Storto

Major: Computer Systems Engineering – Ira A. Fulton Schools of Engineering Title: Raspberry Pi Radio: Programming a Multiple Source Music Player Director: Kevin Burger, School of Computing, Informatics, & Decision Systems Engineering

Sara Katherine Story

Major: English (Literature) – College of Liberal Arts and Sciences Title: A Myth of Modern Perfection: The Pygmalion Story in Contemporary Culture and Film Director: Taylor Corse, Department of English

Christopher Morse Stuller

Major: Supply Chain Management – W. P. Carey School of Business Title: A Community Perspective on Alcohol Education Director: Lora Koretz, Department of Management

Austin Robert Stumpf

Major: Political Science – College of Liberal Arts and Sciences Title: Assessing the Legacy of Arizona's Cuts to K-12 Education: An Examination of the Magnitude of Statewide Funding Reductions and their Ramifications on School Districts, 2007-2015 Director: Richard Herrera, School of Politics and Global Studies

Megan Sweet

Major: Marketing – W. P. Carey School of Business Second Major: Management – W. P. Carey School of Business Title: Internals vs. Externals: Belief in Products for Goal Attainment Director: Adriana Samper, Department of Marketing

Hannah Gloria Sydiongco

Major: Art (Drawing) – Herberger Institute for Design and the Arts *Title: The Butanding: A Narrative Illustration Book and Gallery Director: Forrest Solis, School of Art*

Hannah Rebeka Syfritt

Major: Psychology – New College of Interdisciplinary Arts and Sciences Title: The Career Guide: A Modern Approach to the Career for the Millennial Generation Director: Andrew Kirby, School of Social and Behavioral Sciences

Nicholas Payne Symons

Major: Biological Sciences – College of Liberal Arts and Sciences Title: Combined Impact of Aerobic Exercise and Music on Glycemic Control and Anxiety Symptoms in Type 2 Diabetic Men and Women Director: Chong Lee, School of Nutrition and Health Promotion

Nicholas Dahn Synodis

Major: Mathematics -

College of Liberal Arts and Sciences Title: Balancing the Present and Future: Making Valuable Predictions for Continuous Improvement in Management

Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Trang Ta

Major: Art (Drawing) – Herberger Institute for Design and the Arts *Title: The Absurd Man: An Honors Art Exhibition on the existential principles of absurdism*

Director: Anthony Pessler, School of Art

Robert Jon Tagtmeyer Major: Supply Chain Management – W. P. Carey School of Business Second Major: Earth and Space Exploration (Astrophysics) – College of Liberal Arts and Sciences Title: Communication in Contract Manufacturing: A Case Study in Aerospace Manufacturing Director: Joseph Carter, Department of Supply Chain Management

Kevin Tao

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Optimizing Dialysis Conditions for A4 Stability Director: Michael Sierks, School for Engineering of Matter, Transport & Energy

Wing Yi Tao

Major: Finance – W. P. Carey School of Business Title: Innovation Space - KIORO Director: Sidnee Peck, Department of Management

Stephanie Taylor

Major: Mathematics – College of Liberal Arts and Sciences Title: Two-Dimensional Stratified Cavity Flow Under Harmonic Forcing Director: Bruno Welfert, School of Mathematical & Statistical Sciences

Alayna Franci Terrell

Major: Chemistry – College of Liberal Arts and Sciences Title: Light Physical Activity and Satiety Levels Director: Carol Johnston, School of Nutrition and Health Promotion

Taylor Thorn

Major: Supply Chain Management – W. P. Carey School of Business Title: The New Product Introduction Process: A Standard Process for Application in the Interiors Business Unit at UTC Aerospace Systems Director: Steven Brown, Department of Supply Chain Management

Laura Tichacek

Major: Biochemistry (Medicinal Chemistry) – College of Liberal Arts and Sciences Title: Studying the Interactions of Rubisco and Rubisco Activase Director: Rebekka Wachter, Department of Chemistry & Biochemistry

Sharyn Paige Tom

Major: Marketing – W. P. Carey School of Business Second Major: Sustainability – School of Sustainability Title: Evaluating Sustainability Curriculum and Student Preparedness Director: LaDawn Haglund, School of Social Transformation Erin Jaye Torchia Major: Landscape Architecture -Herberger Institute for Design and the Arts Title: Planting Design for Challenging Urban Conditions in Phoenix, Arizona Director: Rebecca Fish Ewan, The Design School Jamie Lorraine Traxler Major: Political Science - New College of Interdisciplinary Arts and Sciences Second Major: Communication -New College of Interdisciplinary Arts and Sciences Title: Ethical Advertising: Animal Rights Director: Sharon Kirsch, School of Humanities, Arts and Cultural Studies Kelli Lauren Trimble Major: Biochemistry -College of Liberal Arts and Sciences Title: Recombinant Expression of CapBCA Membrane Proteins from Francisella tularensis Director: Petra Fromme, Department of Chemistry & Biochemistry Nicholas Ramsey Tsonis Major: Marketing -W. P. Carey School of Business Second Major: Management (Entrepreneurship) -W. P. Carey School of Business Title: Recon Adventures Director: Duane Miller, Department of Management Robert Tucker Major: English (Creative Writing) -College of Liberal Arts and Sciences Second Major: History -College of Liberal Arts and Sciences Title: The Aesthetics of Mass Murder: Katyn and the Artistry of Killing Director: Sara Ball, Department of English Sailesh Vardhan Tummala Major: Biological Sciences (Animal Physiology and Behavior) -College of Liberal Arts and Sciences Title: Academic Assessment and Student Impact of SOLS Biology Bridge Program Director: Miles Orchinik, School of Life Sciences Cameron Nicholas Turro

Major: Biochemistry – College of Liberal Arts and Sciences Second Major: Psychology – College of Liberal Arts and Sciences Title: The Effect of Visual Cues on Food Quantity Estimations in Adults Director: Elizabeth Phillips, Department of Psychology

Samantha Ann Twet

Major: Engineering (Mechanical Engineering Systems) – Ira A. Fulton Schools of Engineering Title: Bridging the Gap between Statics and Dynamics in Engineering Education Director: Samantha Brunhaver, Engineering and Manufacturing Engineering

Emilie Marie Twilling

Major: Architectural Studies – Herberger Institute for Design and the Arts Title: Extraction: A Study of Urbanism, Landscape and Ecology Director: Christian Stayner, The Design School

Yonit Upart

Major: Marketing – W. P. Carey School of Business Second Major: Political Science – College of Liberal Arts and Sciences Title: The Israeli Targeted Killing Policy: A Multidimensional Study of Efficacy Director: Devorah Manekin, School of Politics and Global Studies

Charlene Ann Uzzanti

Psychology

Major: Psychology – College of Liberal Arts and Sciences Second Major: Criminal Justice and Criminology – College of Public Service and Community Solutions Title: How Should I Sentence Her? It Depends on How Much She Is Worth to Me: An Analysis on Gender Effects and Sex Ratio as it Relates to Legal Decision Making by a Layperson Director: Steven Neuberg, Department of

Christiaan Cornelis Van Gijlswijk

Major: Anthropology – College of Liberal Arts and Sciences Second Major: Political Science – College of Liberal Arts and Sciences Title: 1960-2015: The Evolution of Neo-Nationalism in the Netherlands Director: Lenka Bustikova-Siroky, School of Politics and Global Studies

Sarah Elizabeth Van Horn

Major: Finance -

W. P. Carey School of Business Title: Intuitive Gesture Responses to Public Walk-Up-and-Use Interactive Devices Director: Erin Walker, School of Computing, Informatics, & Decision Systems Engineering

Laura Marie Van Slyke

Major: English (Creative Writing) – College of Liberal Arts and Sciences Title: The Space Between Us & The Hawking Bowie Sonnets Director: Cynthia Hogue, Department of English

Rachel Lee Vaney Major: Supply Chain Management – W. P. Carey School of Business Second Major: Computer Information Systems – W. P. Carey School of Business Title: The "Two Chinas" and Beyond: The Roles of Emerging Markets within the Context of Global Supply Chains Director: Arnold Maltz, Department of Supply Chain Management

Sophia Vanhkham

Major: Nursing – College of Nursing and Health Innovation Title: A Multimedia Approach in Asthma Medication Education Director: Carol Stevens, College of Nursing and Health Innovation

Annika Vannan

Major: Life Sciences – New College of Interdisciplinary Arts and Sciences Title: Plasticity in heat tolerance and behavior in the decorated cricket Gryllodes sigillatus Director: James Johnson, School of Mathematical and Natural Sciences

Michael J. Vaughn

Major: Accountancy – W. P. Carey School of Business Second Major: Computer Information Systems – W. P. Carey School of Business Title: Analysis of Familiarity, Satisfaction, Behavioral Types, and Keirsey Composition, and their Impact on Performance and Creativity of Groups Director: Marcie LePine, Department of Management

Michelle Vered

Major: Economics – College of Liberal Arts and Sciences Second Major: Political Science – College of Liberal Arts and Sciences Title: An Analysis of Bias in Competitive Academic Debate Director: Daniel Silverman, Department of Economics

Matthew Cutter Videan

Major: The Arts – Herberger Institute for Design and the Arts *Title: Labyrinths Director: Sandra Stauffer, School of Music*

Roberto Villa

Major: History – College of Liberal Arts and Sciences Title: Shake It Off: Establishing a Teen Support Group at the Muhammad Ali Parkinson's Center Director: Mark Montesano, Barrett, The Honors College

Alicia Raquel Villarreal

Major: Music Education – Herberger Institute for Design and the Arts *Title: Jamaican Folk Songs in Culturally Sensitive Education*

Director: Sandra Stauffer, School of Music

Sandeep Gautam Vora

Major: Electrical Engineering – Ira A. Fulton Schools of Engineering Title: Electric Field Sensing of High Voltage Transmission Lines in Rural Areas Director: David Allee, School of Electrical, Computer and Energy Engineering

Jeffrey Vu

Major: Chemical Engineering – Ira A. Fulton Schools of Engineering Title: Screening and Characterization of Amine-containing Polymers Director: Kaushal Rege, School for Engineering of Matter, Transport & Energy

Howard William Waldie IV

Major: Political Science – New College of Interdisciplinary Arts and Sciences Title: Moving Forward: Developing our Community Today, for Tomorrow Director: William Ackroyd, School of Social and Behavioral Sciences

Tyler L. Wallace

Major: Computer Science – Ira A. Fulton Schools of Engineering Title: MeetPoint: A Study Group Organizer for Android Director: Janaka Balasooriya, School of Computing, Informatics, & Decision Systems Engineering

Lin Elizabeth Wang

Major: Chemistry -

College of Liberal Arts and Sciences Title: United Through Movement: A Dance Mural Aimed at Cultural Inclusion Director: Pegge Vissicaro, School of Film, Dance and Theatre

Dustin Keith Weigele

Major: Biochemistry -

College of Liberal Arts and Sciences Title: miRNA Targeting: In depth review of biologically significant mechanisms and a bioinformatic approach to identifying targeting sequences in C. elegans Director: Marco Mangone, School of Life Sciences

Erika Morgan Weiler

Major: Justice Studies – College of Liberal Arts and Sciences *Title: Sign Below Director: Christine Holman, School of Social Transformation*

Amanda Marie Wells

Major: Film (Film and Media Studies) – College of Liberal Arts and Sciences Title: A Multimedia Approach in Asthma Medication Education Director: Carol Stevens, College of Nursing and Health Innovation

Christiana Tally Wento

Major: Communication – New College of Interdisciplinary Arts and Sciences Title: ACCULTURATION PROCESS: THE INTERPRETATION OF THE EXPERINCES OF LIBERIAN IMMIGRANTS IN PHOENIX Director: Jeffrey Kassing, School of Social and Behavioral Sciences

Chloe Grace Westlund

Major: Political Science – College of Liberal Arts and Sciences Title: Conversations with American Veterans: Reflecting on Military Service Through Oral History Director: Mark Von Hagen, School of Politics and Global Studies

Elena Michelle Whitton

Major: Mechanical Engineering – Ira A. Fulton Schools of Engineering Title: Human Perception of Swarm Behavior Director: Panagiotis Artemiadis, School for Engineering of Matter, Transport & Energy

Henry Patrick Wilky

Major: Biological Sciences (Genetics, Cell and Developmental Biology) – College of Liberal Arts and Sciences Title: Developing a Sensor Worm Strain to Detect Cleavage and Polyadenylation in vivo Director: Marco Mangone, School of Life Sciences

Gary Spencer Williams Jr.

Major: Accountancy – W. P. Carey School of Business Title: Transfer Pricing: Tax Benefits and Risks Director: Don Goldman, Department of Accountancy

Ariane Lolita Willson

Major: English (Literature) – College of Liberal Arts and Sciences Title: The Beautiful Grotesque and Other Glorified Horrors Director: Aviva Dove-Viebahn, Barrett, The Honors College

Meredith Diana Witthar

Major: Journalism and Mass Communication – Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass

Communication – Walter Cronkite School of Journalism and Mass Communication Title: The Special Percent Director: Mark Lodato, Walter Cronkite School of Journalism and Mass Communication

Dana Marie Woell

Major: Biochemistry -

College of Liberal Arts and Sciences Second Major: Global Health -College of Liberal Arts and Sciences Title: Flavivirus Non-structural Proteins Vectored by Measles Virus: Towards a Hepatitic C Vaccine Director: Jorge Reyes del Valle, School of Life Sciences

Gregory Michael Wohlleb

Major: Biomedical Engineering -Ira A. Fulton Schools of Engineering Title: Pharmacologic Modulation of Blood-Brain Barrier Permeability Director: Sarah Stabenfeldt, School of Biological and Health Systems Engineering

Lauren Alaine Wong

Major: Journalism and Mass Communication - Walter Cronkite School of Journalism and Mass Communication Title: Front Print to Digital: How the Change in Landscape Transformed Jobs in the 21st Century Director: Bill Silcock, Walter Cronkite School of Journalism and Mass Communication

Jon Wessley Woodmansee

Major: Political Science -College of Liberal Arts and Sciences Title: Cultural Continuity and Impediments to **Oueer Rights in Romania** Director: Mark Montesano, Barrett, The Honors College

Cassie Marie Woods

Major: Marketing -W. P. Carey School of Business Title: A Patient-Centered Approach to the Management of Chronic Illnesses Director: Jonathan Ketcham, Department of Marketing

Kellen Worhacz

Major: Biological Sciences -

College of Liberal Arts and Sciences Title: Total Stabilizing Knee Prosthethus vs Posterior Stabilizing Knee Prosthethis Director: Richard Hinrichs, School of Nutrition and Health Promotion Co-Director: Marc Jacofsky, The CORE Institute

Jack Carlton Workman

Major: Computer Science -Ira A. Fulton Schools of Engineering Title: Reliance Dashboard Director: Marcie LePine, Department of Management

Julia Kalila Wristen

Major: Global Studies -College of Liberal Arts and Sciences Second Major: Religious Studies -College of Liberal Arts and Sciences Title: Disability in India: Religious and Social Perspectives Director: Alexander Henn, School of Historical, Philosophical and Religious Studies

Julian Ybanez

Major: Management -W. P. Carey School of Business Title: Investing & Information Management Theory: Calculated Risk Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Weidong Ye

Major: Electrical Engineering -Ira A. Fulton Schools of Engineering Title: Electric Field Sensing of High Voltage Transmission Lines in Rural Areas Director: David Allee, School of Electrical, Computer and Energy Engineering

Evelyn Wai Fu Yeung

Major: History -College of Liberal Arts and Sciences Second Major: Sociology -College of Liberal Arts and Sciences Title: White and Beautiful: An Examination of Skin Whitening Practices and the Construction of the Female Identity in China Director: Joanne Rondilla, School of Social Transformation

Aylin Yin

Major: Psychology -College of Liberal Arts and Sciences Title: Facial Expressions and Deception in the Court Room Director: Richard Lanyon, Department of Psychology

Matthew Ryan Ykema

Major: Molecular Biosciences and Biotechnology -College of Liberal Arts and Sciences Second Major: Economics -College of Liberal Arts and Sciences Title: Effects of Cholesterol Depletion on Measles Virus Infection Director: Jorge Reyes del Valle, School of Life Sciences

Justin Lee Zeien

Major: Biochemistry -College of Liberal Arts and Sciences Title: Assessing Neighborhood Walkability in South Phoenix Director: Matthew Buman, School of Nutrition and Health Promotion

Kathie Zhang

Major: Biochemistry -College of Liberal Arts and Sciences Second Major: Spanish -College of Liberal Arts and Sciences Title: Migration and Invasion Study of Nontransformed Mammary Epithelial Cells Over Expressing TP53 Point Mutations Frequently Occurring in Breast Cancer Director: Joshua LaBaer, The Biodesign Institute

BoNing Zhao

Major: Supply Chain Management -W. P. Carey School of Business Title: Monetizing League of Legends Director: Dean Kashiwagi, School of Sustainable Engineering and the Built Environment

Weilin Zheng

Major: Accountancy -W. P. Carey School of Business Title: Intel Collaborative Thesis Director: Mark Simonson, Department of Finance

Jessica Lynn Zook

Major: Journalism and Mass Communication - Walter Cronkite School of Journalism and Mass Communication Second Major: Master of Mass Communication - Walter Cronkite School of Journalism and Mass Communication Title: Spreading the Respect Movement from Arizona State University to other Colleges Director: Frances Matera, Walter Cronkite School of Journalism and Mass Communication

Charles Joseph Zulanas Major: Finance -W. P. Carey School of Business Second Major: Economics -W. P. Carey School of Business Title: Boston Beer Company (SAM) Mergers and Acquisitions Pitchbook Director: Mark Simonson, Department of Finance Connie Zuo Major: Biochemistry -

College of Liberal Arts and Sciences Second Major: Microbiology -College of Liberal Arts and Sciences Title: Effect of a high-fat diet on energy homeostasis of young maturing rats Director: Delon Washo-Krupps, School of Life Sciences

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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SARA JEAN STALDER Mary Lou Fulton Teachers College JANE MELISSA STEFFENS College of Liberal Arts and Sciences

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CYNTHIA MONIQUE THOMAS College of Liberal Arts and Sciences

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ERIC MIYOJI TSUKAMOTO Ira A. Fulton Schools of Engineering

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GRADUATION WITH ACADEMIC RECOGNITION

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.

Anusha Abbas James Theodore Abbott Rafat Abdeljaber Sepehr Abdi-Moradi Hasana Abdul-Quadir Garrett James Abeln Aman Senay Aberra Angela Maryam Abolhassani Hayda Farhana Nini Binti Abu Hasan Anngela Christina Adams Cassandra Marie Adams Jenny Lynn Adams Maxie Phyllis Adler Gregory John Adrian Pavam Andrew Afsharinasab Sharon Elizabeth Afzal Jacob Emeterio Aguayo Genesis Tamara Aguilera Fransisca Dea Charity Agusta Jared Patrick Ahern Mazen Marwan Aiche Bridget Lynn Aispuro Alex David Akers Hashim Zaim Al-Assi Tina Alam Michael Hicham Alchuiliti John Michael Alexander Jonathan William Alfson Faisal Abdulaziz A Alhedeithy Mohamed Ahmed Mohamed Kaseb Alhmoudi Jamala Jamal Alkeshi Denysia Monique Allen Paul Cristopher Allen Shannon Eaton Allen Simon Edward Allen Tiffany Monique Allen Amber Chari Allison Miranda Marie Alm Boaz Lopez Alvarado Jessica Reina Amado Nicholas Alexander Amoroso Julie Christine Anderson Vance Thomas Anderson

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Katherine Charlotte Cain Matthew Joseph Calhoun Luis Gilberto Cardenas Camacho Julia Claire Cambron Melissa Joy Chadwick Camp Brooks James Campbell Georgia Lynn Canales Benjamin Paul Canfield Kristy Curtis Carlton Desiree Carr Crystal Carrera Rubicelia Cartagena Joy Lynn Carver Elaine Mahoney Casap Jaynie Nicole Casserly Amy Erica Cassinat Kyndol Paigely Castrilli Angelica Michele Castronova Andrew Catanzariti Nicholas Michael Catanzaro Emilse Karina Cebrowski Stephanie Celaya Bernardette Centeno Derek Robert Champlin Kayla Rose Chan Eric Chang Ashley Nicole Chapman Tammy Lynn Chapman Guaniin Chen Leiguangyao Chen Luying Chen Mallorie Kathleen Chester Justin Cheung Michael Chhay Chandra Divyash Chhetri Robert Jay Chiang Cynthia Ann Chinn Preethika Chithapuram Peter Louis Chotras Yasmynn Chowdhury Carly Lynn Christ Adam Christian Charles Brock Christiansen Kent William Christianson Lauren Breeann Churley Zachary John Ciampa Valerie Lvnn Clark Jasmine Miranda Clarke-Telfer Lindsay Nicole Claypool Javier Alfonso Corral Clayton Kate Cecile Cleaveland Zeke Bartholomew Clemmens Xana Zoe Cleveland Benjamin Alan Click

Annika Susanne Cline Chelsea Marie Cloonan April J. Cobos Deshane David Skeet Cody Tania Frances Cohen Samantha Marcia Colarusso Andrew Gregory Coleman Christopher Scott Coleman Emily Amanda Colon Mackenzie Nelydia Concepcion Jeremy Conigliari Jaylee Conlin Krystal Orona Contreras Christa Marie Cook Jessica Frances Cook Mary Katherine Cook Olivia Katherine Cooke Bryan D. Cooper Kelsey Lynn Corallo Leann Marie Corbisello Elizabeth F. Cornell Vanessa Valerio Corpuz Devin Connell Corrigan Carl Montgomery Cortez Damon Lee Cost Alyssa Lee Costilow Christian Lee Cota Renee Daniella Cotroneo Hanna Jo Coumans Cristy Marie Courtney Melia Ann Coury Lucinda Kay Cousino Jessica Covarrubias David Howard Cox Randi Joanna Cozad Wilson Craghead Samantha Christine Craig Jordan Mckenzie Creed Lauren Nicole Crider John William Crimmins Austin C. Cromack Kyle Benjamin Crosner Ellyse Diann Crow Reynaldo Carlos Cruz Autumn Elise Cumbie Shelly Kathryn Cunningham Kathleen Ann Currie Amanda Leigh Curry Paul David Curtis Brooke Diane D'Adamo Derrek Patrick Dalv Alec Damiano Briana Lynn Damilini Jonathan James Dangerfield Ashley Nicole Daniel

Camie Cee Daniels Lelan Diep Dao Anna Elizabeth Davila Gerard Allen Davis Paige Elizabeth Davis Severin Jan Davis Ellen Kawehilani Atai Day Kevin Nathaniel Day Stephen Andrew Day II Delaney Nicole De Hertogh Brandon Joseph Deasey Brittany Anne Debes James Daniel DeGracie Heather Lynn DeGrote Ivy Vanessa Delfin Max J. Delia Austin Joeseph Robert Delorme Lauren E. Demarest Caelen Noelle Demos Angela Deng Guanghuai Deng Collay Carole Dennis Lauren Keely DeRosa Kathleen Mary Derrig Connor Patrick Descheemaker Jeffrey Randall DeSpain Allison Elizabeth Desrosiers Jason Michael Dewease Jason Douglas Dewitt Samuel Paul Dicarlo Whitney Katherine Diem Andrew Lizardi DiMatteo Sarah Constance Dinell Samuel Miles DiPietro Kendall Nicole DiSante Emilie Adanne Doering Sandra Jessica Dolan Alicia Lorae Dominick Jennifer Dondero Caroline Marie Dougher Ryan Edward Dougherty Kristin Taylor Dowd Sara Lynn Drury Cecilia Nicolina Dubose Emma Anne Dugan Ross William Dunham Travis George Dunn Tyler Dunn Chelsea Lynn Duran Bennett Steven Dwosh Nicole Mercedes Dylewicz Kalee Marie Easter Jenna Christine Eccles Ryan Matthew Eckert

Adam Edwards

Hannah Mary Edwards Karen Elizabeth Edwards Meghan Christine Edwards Heather Tammy Ellis Heba Elsaad Alexa Rae Emmons Lillian Ann Engelhard Carlie Anne Engels Jessie Christine Engler Taylor Rae Eno Samantha Nicole Eriquez Stacey Ann Eskinazi Jaye Frances Palma Espinas Noemi Espino Tomas Espinosa Carmen Rico Estep Alison Dawn Evans Chelsea Elizabeth Evans Nathaniel Christopher Carl Evans Jennifer Lynne Eyer Amy Rose Fairbanks Amal Fakhouri Eddie Walid Fakhouri Zachary Thomas Falconer Ashley Elizabeth Fallon Rachel Marie Fanguy Elisa Danielle Fankhauser Andrew Justin Farber Emily Nicole Farber Cassandra Lela Farrand Merry Elise Farrier Jessica Ashley Fatina Chase Alexander Fauer Katie-Lee Faulkner Suzanne Marie Fay Hailey Ann Featherstone Sharona Feld Adam Dominick Feralio Andrea M. Fernandez Chelsea Mae Ferrence Brianna Aislinn Ferry Michael Allen Fett Leah Marie Fiacco Rebecca Winifred Fiala Beverlev Fido-Viveash Casey Anne Figurski Raymond Filippi John Mark C. Filoteo Joy Jeanette Findeisen Christina Marie Findley Fabian Josef Fink Brett Andrew Fischer Christine Lynne Fischer Caitlyn Eva Fischman Julia Michelle Fisher

Tignes Noel Fisher Darby Nicole Fitzgerald Christopher William Fleegle Matthew Saul Flores Aaron Daniel Floyd Macy Elizabeth Focken Samuel Logan Foote Chalon Donay Forbes Zacheriah Duane Forbis Eric Matthew Forthun Jacqueline Raquel Fox Florencia Soledad Fragala Adrian Nicholas Fraijo Monique Esther Franco Anna Marie Franko Kristen Marie Franquist Scott Huntington Fraser Alicia Janelle Frazier Cody Christian Frear Adam Damien Freitag Andrada Alexandra Frent Emma Elyse Kaz Frick Olivia Louise Friend Jonathan William Friske **Emily Anne Fritcke** Erin S. Froncek Alexandria Nicole Frost Jaqueline Aydee Fuentes Nicola Eileen Fulk Antonio Michael Furno Laura Katherine Gagliano Anna Lee Gailfus Lizelle Galaz Alyssa Paige Galt Malar Ganapathiappan David Howard Ganey Jacqueline Mercedes Garay Adrianna Nicole Garcia Brittany Nicole Garcia Catriana Emma Garcia Cristina Garcia Korina Garcia Sabrina Marie Garcia Shawn Gregory Garrett Victoria Marene Garrett Kellev May Garvin Ryan Patrick Gasbarro Amy Lee Gauthier Max Daniel Gaynor James Edward Geiger Chad F. Geisler Emily Nicole Gemar Matthew Kayne Geres Victoria Manette Geske Alison Eve Gibson Jourdan Daniel Gilson

Kelsey Marie Glavee Stewart Allen Glines Lauren Alyssa Gluscic Emily Sanders Glynn Kayla Anne Gnadt Kathryn Lyn Goethe Andrew R. Gohde Brice Edward Goitia Megan Elizabeth Golembiewski Dolores Megan Gongora Brianna Kathleen Gonzales Aajza Toviien Gonzalez Matthew Joseph Gonzalez Sara Zarate Gonzalez Kayla Taylor Goodman Sarah Nicole Goodman Zachary Daniel Gordon Allison Marie Grabowski Haleigh Johansson Gray Gabrielle Novalene Greaves Carrie AnnMarie Greely

Alexander Robert Green Svlvia Anne Green Andia Grice Olivia Z. Griego Robert Whitney Griffin III Sarah Margaret-Jean Griffith Heather Symone Grimes Sarah Elizabeth Grindle Melissa Nicole Gross Howard Feltos Guess, Jr. Victoria E. Guinn Laura Lalita Gulbranson Chelsea Leah Gulinson Kelley Ann Gullo Sachini Nayanthi Gunawardana Quentin Lee Gunn Chrystina Jean Gunnare Rachel Ellen Haviva Gur-Arie Shirley Espinoza Gutierrez Laurel Chelsea Gwilliam Jeffrey Thomas Habgood Stephanie Victoria Habib Troy Alan Haddock Melynn Louise Hagan Shelby Allisonmarie Hagan David Wendell Hagen Daniel Mohammed Hager

Michael Jordan Halcomb Jonathan Douglas Cullen Hall Moriah Hall Si'on R. Halpern

Hammond April Nicole Hanks Dana M. Hansen Elizabeth Sarah Hansen Jakob Kristian Hansen Jennifer L. Hansen Kevin Donald Hanson Timothy Michael Hanson Cory Robert Harasha Chad Jackson Hardgrove Michael Edward Hardin, Jr. Rebecca Jean Harkness Judy Ann Harper Cortney Erin Harraghy Travis Christopher Harrick Caleb Tucker Harriman Melina Nicole Harrington Breanna Harris Brennan Edward Harris Michelle Renee Harrison Skye Eliza Harry Jenna Nicole Hart Jessica Danielle Hartman Emily Mae Hartsough Cori Ann Hartt Sepeedeh Hashemian Abdullah Hassan Arian Ghahfarokhi Hatefi Colbie Leann Haukeli Jarod Marshall Haupt Alex Jay Hauptli Joseph Alexander Havig Jesse Martin Haws Abbey Rose Hawthorne Stephanie Nicole Haygan Cameron Johnathan Heath Sedona Lee Heidinger Maria Martha Helak Calley Ames Helding Amanda Fay Henderson Katherine Marie Henley Anna Elizabeth Henry Stephen Edward Hermens Elizabeth Cristina Hernandez Brittany Ann Herold Lorin Marie Herrington Daniel Jordan Herschel Patricia Ellen Hester Meredith Ann Heth Sean Zachariah Higgins Kerstin Gertrude Hilbenz Justin Allan Hillsten Caitlin M. Hilton Kellie Elizabeth Hintze

Kelsey Noelle Hamilton

Dominique Valentina

Steven Matthew Hobaica Aubrey Cierra Hodge Takiyah Hodge Tkya Sue Hoerr Alexandra Oria Hoeschen Jacob M. Hofeling Kaitlyn Elizabeth Hoffman Kristin Michelle Hoffman Donald Terry Holcomb Ethan Chad Holliday Denise Marie Holmes Katheryn Mary Holmes Sydney Lee Holst Matthew J. Homco Joshua Michael Hontz Meghan Elizabeth Hoogervorst Emma Leone Hopson Hannah Rose Horeczko Joshua Luke Horner Niccolo Horvath Taylor Rene Hospodka Victoria Regan Houle Nathaniel Patrick Howard Daniel William Howe Megan Marie Howell Whitney Taylor Howson Johnathan Pay Huang Daniel Byron Huber Dallis Hughes Michelle Elizabeth Gibson Hughes Christina Renee Hull Robert Hullner Cindy Li Yi Hum Terry Lynn Hummel Brent Douglas Hunsaker Skyler Kevin Hunter Hannah Rae Hutchings Kristen Lee Anne Hwang Braxton Victoria Hynes Alexander Iadicicco Tana Dawn Ingram Samir Munir Innabi Janessa Ruby Ireland Jessalvn Ireland Devon Clark Churchill Ironside Shinva Ishizaki Jacob Allen Ivy Sudarshan Rajan Iyer Cayla Haliaka Jaber Benjamin Thomas Jackson Joseph John Jacobe Danielle Renee Jacobs Kimberly May Jacobsen

Michael Pescatore Jacobson Rachael Marie Jacobson Alen Jakupovic Hunter Lorelle Jalilvand Heather Morgan James Kirstie Lynn James Victoria Rose Janacek Amanda Marie Janczak Rachel Marie Janke Marina Blue Jarrette Anthony Christopher Jarvis Paniz Mohajer Jasbi Angela Dawn Jaworowski Eva Marie Jeffers Megan M. Jendrick Nathan A. Jendrick Cayla Marie Jenkins Elijah Jenkins Kaitlyn Leann Jenkins Kelli Fawne Jenkins Tayler Brooke Jenkins Melinda Eva Jenner Matison Brooke Jensen Brittany Nicole Jeska Jessica Jia Allison Kaye Johannsson Justin Michael Johns Allyse Marie Johnson Dana Royce Johnson Ian Alexander Johnson James Reece Johnson Jeremy Dee Johnson Kyle Nathan Johnson Sarah Anne Johnson Scott Thomas Johnson Walter Gregory Johnson David Leland Jones, Jr. Layla Jade Jones Jacob Paul Jorgensen Collin Bradley Jugler Kelsey Kristine Jull Amanda Michele Justl Mark Robert Kacena Danyal Jacob Kadi Samuel Aaron Kagen Matthew George Kain Kyle Daniel Kalis Michael Rodney Kanaly Jonathan Aaron Kaplan Daniella Mary Kaprelian Michael Beshara Karam Mark C. Karlsrud Seema Kassab Alec Joseph Katric Michael Scott Katz Devin Goldsmith Kaufman

Ishpreet Kaur Manroop Kaur Aaron Nathaniel Kearns Cathleen Matusiak Kebert Demi Tayler Keezer Kelly Elizabeth Keffeler Alisa L. Keith Kelsey Christian Kelleher Arielle Desiree Kelley Courtney Nicole Kelley Cheyenne Alise Kellis Cary Shepherd Kelly Skyler James Kennon Elena Marie Kerr Ahmed Mohsen Khalil Amena Kheshtchin-Kamel Camillo Kim Michelle Kim Yoonha Kim Ashley N. King Casey Tyler Kingsley Jennifer Marie Kirby Phylander Kirk Jeffrev Jordan Kirkman Haroon Masood Kisana Jeremy Dorf Kleiman Sarabeth Knobel Nina Cecilie Knoph Kevin Lawrence Knowles Malory Noelle Knutson Kelsi L. Koch Rachel Lynn Koestner Michelle Anne Koltweit Sydney-Paige Milan Komarnisky Brittany Michel Kominska Jacob Thomas Korinko Kristyn Cathleen Kozar Lindsay Marie Kozlowski Agata Karolina Krala Tenley Kronquist Brandon Paul Krueger Danica Eileen Kugler Courtney Mollie Kuhn Elise Chikako Kulik Mary Francis Kupsch Jenny My La Heather Noel Wehrli Laabs Miles Laff Noor Atiya Jabeen Lallmamode Christina Lam Jesse Austin Lam Michael Joseph Lambert Gretchen J. Lamborn Daniel Lane

Brenton J. Lange Jacob Michael Langley Maggie Lane Lapoint Alexis Bonet Larsen Austin James Larsen Brett William Larsen Anika Jade Larson Ching Yan Lau Kin Hang Lau Brady Scott Laughlin Kayla Marie Laut Aviva Dalit Lavey Rachael Lawless Yvonne Terry Lawson Crystal Ngoc Lien Le Kaila Jade Leake Daniel Andrew Leavy Carlos Jobany Castaneda Lechuga Alyssa Klaire Lee Betty Audrey Lee Haley Lee Samuel Joon ho Lee William John Lee Rachel Elizabeth Leff Derek Jeffrey Lehmann Monique Lynn Lemmons Katherine Elizabeth Levy Lisa Lewellen Miranda Eve Lewis Ce Li Erik Lien Tayllor Paige Lillestol John Mark Lillyblad Audris Yong-Hui Lim Beatrixia Lim Shih-Kang Lin John Steven Linamen Heather Aileen Lincoln Gwen Elizabeth Lindvig Kristen Nicole Linzy Tyler Joseph Lippert Kelsey Marie Little Andrew Liu Shu Liu Jennifer Alexandra Lloyd Shannon Taylor Lloyd Taylor Edward Loeffler Sierra Ann Loerch Stephanie Austin Loew Jack William Logan IV Brian Ricci Lopez Caitlin Elizabeth Lopez Rachael Lee Lopez Miguel Lopez-Gonzalez Darla Anne Lopresti

Brandi Jean Lorenz Stacey G. Lorton Jennifer Michelle Love Daniel Thevik Lovland Christine Roberta Lowe Rebecca Marie Lowenstein Jon Robert Lowis Shannon D. Lucas Brock Parker Ludolph David H. Ludwick Angela Marie Lufkin Tracie Rochelle Lugo Christopher Joseph Luna Jenna Nicole Lund Anders Erik Lundin Jiaxian Luo Wanming Luo Teresa M. Lupone Michael Calvin Luu Jenna Marie Lynch Brandon Tyler Lyons Owen Ma Meagan Lynn Maccleary Melina Christine Machas Erica Arvo MacKenzie Ian Michael Maddox Christopher Robert Madison Olivia Marie Madsen Shelby Brooke Madson Myles Anthony Maietta Jenna Cathleen Makis Jordan Anthony Makis Sheila Malekian Joshua Joseph Manche Scott Thomas Manecke Jacob Rvan Maneth Gabriel Alexander Mann Ian Gregory Marcellino Arminda Marcial Karlin Lee Marg Samuel N. Margolis Zachary Mark Marin Tami Lyn Marks Kayla Illene Marsden Grant A. Marshall Haley Jung Ae Marshall Catherine Ann Martin Mandy Irene Martin Noemi Jimenez Martin Stephanie Lorraine Martin Vina Martin Brenda Celene Martinez Brittany Tanairy Martinez Christina Ann Martinez Doris Alexandra Martinez Jaime Martinez, Jr.

Jose Luis Martinez Katie Jo Martinez Mayra Alejandra Martinez Monica Jazmin Martinez Sergio Hans Martinez Anna Elizabeth Martinson Sara Ann Mata Laura Ann Matson Yvonne Novak Matz Naved Said Maududi Erinn Lee Mauler Heather Lynne Maxcy Mackenzie Leigh May Monet Louise May Ronald Gordon Mayer Emma Rebecca Maynes Amy Marie Mazzola Maria G. McAlister Robert Daniel Mcardle Hannah Lee McAtee Andrew William McBride Taylor Bradley Mcbride Zachariah Jay Mcbride Robert Carl McCoach Logan Daniel McCormack Bobby Joe McCormick Hannah Elizabeth Mccormick Shannan Jean Pomaikai Mccready Matthew David McDonough Sean David McElroy Fave Rachele Mcgechie Cody Jones Mcgiffin Shana Leah McGownd Kimberly Frances **McGuinness** Cora Elizabeth McHugh Tyler James McKinney Hannah Leona McLean Ian Nicholas McLeod Kristyn Noelle McLeod Jade Dustin Mcleod Savanah Dior Mcmahon Courtney Dawn McMinn Jodi McNeil Elisa Medina Mia Medina Maddison Alexis Meier Timothy Alan Meier Erika Mendoza Nikolas Emmanuel Meneakis Nicole Marie Mercier Ian Matthew Meshay Kayla Lorrie-Lee Messinger April Leanora Metheney Andrew Clay Meyer

Jordan Eliza Meyer Steven Alan Meyer Taylor Noelle Meyer Alexander Michael Cheryl S. Middleton Kelsey LeAnn Millar Catherine Susan Millar-Haskell Anthony Joshua Miller Ava Kathryn Miller Julianne Elizabeth Miller Kelli Michelle Miller Lindsay Nicole Miller Tyler Nathan Miller Lesley Ann Minervini Paul John Minnick Caitlin Lenox Mitchell Hannah Mychal Mitchell Sara Sachiko Miyashiro Daniel Joseph Mizell Rahela Carmen Moghina Amanda Leann Mollindo Joshua Timothy Monaghan Logan Todd Monks Elizabeth Ann Monnig Ansley Aryn Monroe Perla Iriana Montoya Amanda Ray Moore Brian Sean Moore Dalton Dale Moore Jenna Laura Moore Jennifer Kay Moore Jonathan Alan Moore Jillian Leigh Moorehead Marcela Francisca Mora Justin Dean Moratti Eric Robert Morgan Kayla Marie Moring Michael Leroy Morningstar Kelly Ann Morris Stephanie Jean Morse Laina Dean Moussallem Caitlin Janae Moynihan Anna Mari Mueller Susan Kelly Mueller Maritza Muiica Jeffrey Edward Mulkern Rvan Muller Taylor Leigh Munson Bryce Taylor Munter Kimberly Murphy Kelly-Desirae Samone Murray Reed Alexander Murray Andrea Nicole Myers Melissa Joy Myers Michele Marie Myers

Sheridan Nicole Myers Brett Ranon Nachman Armaghan Nasim Milo Anthony Neild Courtney Nicole Nelbach James Robert Nelson Katherine Anne Nelson Kylin Tyler Nelson Taylin Paige Nelson Ian Douglas Neufer Nicolas Neve Alana Lee Newman Emma Jo Ann Ruth Newman Valerie Christina Ngai Miranda L. Ngan Melissa M. Nguyen **Emily Jaye Nichols** Chandler Douglas Roper Nick Alexander Joseph Nickolaou Allison Victoria Nickolaou Jared Steven Nicodemus Katelyn Anne Nicolas Domenico Giuseppe Nicosia Garrett James Niederkorn Rodmanned Arya Nikpour Nicholas Lee Nist Serena Nixon Jamie Lynn Noon Thomas Jonathan Nordstog Kaylie Cheryl Norris Joseph Robert North Lynda Kaye Nosko Cailey Marie Nunez Leah Michelle Nunez Kelley Xiao-Fung O'Brien Joshua Charles O'Connor Krystle Jenette O'Reilly Christopher Ryan Oakes Devin Duane Oakes Jessica Leanna Oates Daniel Martin Oberhaus Carissa Marie Oberlin Sara Deann Oehler Whitney Nicole Ohrt Trevor Scott Olin Alicia Marie Olivas Knowlton James Olmstead Megan Leigh Olness Tyler James Olsen Yesenia Olvera Ala Omer Nneka Mariagoretti Onyia Adam James Orr Brittany Renee Ortiz Richard Cerda Ortiz Alana Ray Osborne

Kari Danielle Osep Maggie Elizabeth Otlewski Yizhen Lei Owsley Nicholas Jon Oxentenko Vanessa Shanice Pablo Madeline Grace Pado Krysta Nicole Paffrath Barbara Ann Palinchik Ryan Michael Palma Abhinav Pandev Nicole Mariah Pannuzzo Tro Hratch Panosian William Peter Papanos III Jacob Paul Parafiniuk Shaili Rajul Parekh Bianca L. Parker Lea Lauren Parks Russell Lee Parmer Michael Curtis Parra, Jr. Kau'i Haulani Pasa Justin Hemant Patel Khushboo J. Patel Nirali Patel Girish Pathangey Shelby Nicole Patterson Ashley Crystal Patton Corrina Renee Paul Kyle Austin Payne Harry Olenda Peagler, Jr. Vickie Lynn Pedersen Angelica Pelagio Margaret Louise Pelissero Celia Anali Perez Mayra Judith Perez Steven Michael Perez Melissa Lynn Peryer Ashley Nicole Peters Jessica Renee Petney Nicholas Anthony Petrusek Katelyn Nichole Pevehouse Maddisen Tayler Philbrick Mason James Phillips Mariel Elizabeth Piechowicz Amie Renee Pierone Joseph Girard Pino Merintha Kaelyn Pinson Shanicey Chanelle Pinto Benjamin Daniel Pirotte Mary Pleshtiyev Bailey Kristine Polcher Travis Lee Pollock Mariam Honglam Polo-Petros Parker Anne Poole Brandi Shea Porter Stacy L. Portonova

Matthew Rhys Powell Amanda Catherine Prahl Meiti Prang Jason Kenneth Pratt Kelsey Lynn Prehoda Samantha Marie Presley Sarah Angelina Price **Kyle James Prindiville** Ryan Thomas Prinsen Ashley Prodan Grace Whitney Pulliam Lindsey Beth Quesnel Brandon Anthony Quezada Joseph Michael Raiton Rohit Subramaniam Rajan Saritha Kambhampati Ramakrishna Vijay Kambhampati Ramakrishna Bryce Aldworth Randall Trisha Angelica Randall Alyssa Desire Ranjel Mounica Yarlagadda Rao Colton William Rasen Tristan Robert Raskin Christopher Rey Rasmussen Christopher Allen Raupp Tyler John Ray Diana S. Rayes Christopher Edward Recher Alyssa Faye Redman Stacy Lee Redmond Courtney Lynn Reed Jessica Ann Reed Terra Larie Reese Erin Marie Regan Ashley Yvonne Reichert Clinton Gene Reiswig Caitlyn Suzanne Remington Maria Socorro Sierra Rendon Richard Carlos Reneer, Jr. Tavlor Nicole Renfro Markus Horst Florian Rennemann Emily Anne Reno Jillian Marie Renslow Brianna Lynn Revard Davin Anthony Reyes Allison Leigh Reynolds Anne Theresa Reynolds Ashley Tayler Rhodes Andrea Lynn Ribulotta Anne Lauren Rice Margaret Louise Rich Jonathan David Richard Katherine Rose Richard

Janet L. Richards Saxon Michael Richardson Kathryn Marie Rickel Heather May Rischmueller Kevin Anthony Risser Michael Chadwick Ritchey Hiram Alfonso Rivera-

Passapera Ira Ruta Roach **Richelle Elise Robbins** Alex Jay Robertson Maya Springhawk Robnett Alicia Antoneen Rodriguez Cristian Quinones Rodriguez Sara Elizabeth Rodriguez Wendy Sanchez Rodriguez Armand Karel Roelens Stephen Cole Roina Constance Ann Rollins Erin Kristine Roman Briahnna Rev Romero Christopher Anthony Romero Delfina Sarah Romero Madelvn Rattan Romero Benjamin Hirsch Roos Hailey Elaine Rose Jonathan Daniel Ross Ashley Nicole Rosselli Peggy Rothenberger Halev Nicole Rounsaville Marissa Nicole Rouzaud Emily Katherine Roward Charis Renai Royal Bradley R. Rubinstein Jazzel Betsabe Ruelas Adam Jonathan Ruhl Daniela Ordonez Ruiz Kristen Leigh Rund Isha Rani Rupal Garrett Adam Rupp Francesco Luigi Ruta Florence Rose Ruttledge Cindy Ryanto Dia Rei Saito Diana Belinda Salaiz Logan Leo Salaki Amanda Ann Salasibarra Khaled M. Salem II Lukas Christopher Salimi Stephanie Rachel Salisbury Blake Samuel Saltman Mary Kate Saluto Rylee Alexis Sammons Brandon Charles Sampayan Marena Elizabeth Sampson Mitchell E. Sanabria

Manuel Justin Sanchez Thomas Camden Sanchez Kyle A. Sanders Joshua Charles Sanderson Kaitlyn Rose Sandifer Daisy Sandoval Kayla Megan Sandoval Amber Melanie Sandoval-Menendez Tyler Brandon Sankey Mercedes Michelle Santana Vivian Roathany Sarik Michael Anthony Sassi Grant Dimit Sauer Lauren Claire Savage Leah Christine Scaduto Frank Vincent Scarpa Brandon Robert Schadl Sarah Audrey Schaefer Dana Marie Schaeffer Shannon Jane Scharrer Sarah J. Schenck Jessica Hammitt Schiltz Nathan William Schmidt Paul Leland Schmidt Michelle Marie Schneider Shannon Carol Schnittker Lynne Marie Scholz Christopher David Schott John Paul Schrilla Connor Stephen Schromm Alexis Jo Schuler Arana Sage Schulke Jeffrey Allen Schultz Michael Steven Schulz Joshua Rvan Schumacker Sydney Madeline Schuman Robert Kyle Schuster Sandra Carolin Schutz Brandon Richard Schwartz Carl William Scott Christopher Michael Scott Samuel Theodore Scott, Jr. Timothy Scott Seelig Matthew Neil Seeman Laura Cecilia Jasso Selles Nikil Panneer Selvam Michael Eric Seth David Hua Seto Sandy Hua Seto Thurston Bryant Sexton Anni Rashelle Sezate Mikailah Lorene Shackleford Tirth J. Shah Allie Lynne Shanholtzer Christian Kyle Shappee

Aman Sharma Jocelyn Ann Shaver Julea Anne Shaw Molly Noelle Shaw Elizabeth Sheets Adam Christopher Shelton Katherine Davis Sheppard Steven Matthew Sherant Nathanael Paul Shermett Zachary Tyler Sherwin Patrick James Shields Tristan Charles Shill Micah Makanamaionalani Shimabuku Nicholas Ryan Shively Shemal Shukla Jenna Leigh Shults Samantha Nicole Sidoti Sherri Sierens Adam Mattern Silverman Brandon David Simmons Eden Elizabeth Simms Christine Nicole Simons Brittny Nicole Sinclair Fallon Alicia Singer Joshua Brian Sirard Shannon Amanda Siodin Kalena Breann Skvarek Bethany A. Slade Trevor Jared Slawson Brandon Michael Sleater Mark W. Small Michelle Stephanie Smekal Bethany Blair Smith Brian Temple Smith Emma Rose Smith Jenna Santilli Smith Kaitlyn Marie Smith Karli Elizabeth Smith Logan Farren Smith Mark Adam Smith Stephen Andrew Smith Tori Elizabeth Smith Ashleigh Nicole Smithers Cole Matthew Snider Allison Marie Snodgrass Amanda Rae Snodgrass Karena Brianne Snow Rachel Claire Snyder Serena Gabrielle Snyder Bryan Scott Sonneveldt Michelle Marie Soper Christopher William Sorini Crystal Lynn Soto Dario Bartolome Soto Matthew Joseph Speer

Gregory Paul Spell Sarah Anne Spencer Catherine Louise Spillman Elissa Rae Spina Alex Bowen Sprayberry David Balakrishnan Sridharan Skyler Cameron St. John Amanda St. Vincent Mikaela Johanna Stadie Casey Rachel Staggs Sara Jean Stalder Annette Standage Richard McRae Standage Chelsea Alyss Standard Nicole Starr Zachary Colin Staudenmaier Rachel Steele Ellie Marie Stefano Jane Melissa Steffens Paige Nicole Stennerson Alexis Marie Stephens Caitlin Ann Sterchi Brian Avard Shea Stevens Danielle Shav Stevens Hayla Stewart Richard Jefferson Stewart III Jessica Jo Stoll Gail Ashley Stonebarger Sara Katherine Story Joshua Michael Stout Sterling Lee Streder Elizabeth Ann Stuart Emily Turner Stucki Christopher Morse Stuller Austin Robert Stumpf Emily Grace Styner Timothy George Edward Suan Elise Marie Sudlow Dani Rae Suiter Erin Nicole Sullivan Kelsey Lynn Sullivan Lance Lovell Ode Sullivan Nathanael Joseph Sullivan Sarah Lynn Suloff Tyler Edmund Sumrall Benjamin Mitchell Suskauer Kyle Elliot Suzenski Jake Ryan Swanson Megan Ruth Sweet Erica Kali Switalla Hannah Gloria Sydiongco Nicholas Payne Symons Nicholas Dahn Synodis Timothy D. Szuberla Trang Thuy Ta Junyan Tan

Ouinne Chi Tan Austin Wade Tanner Kelsey Tardio Shelby Joy Tarrant Jennifer Marie Taylor Justin Scott Taylor Lee Jacob Taylor Randi Michelle Taylor Stephanie Lynn Taylor Logan Rex Taysom Dylan Fredrick Tedesco Elsa Carolina Tengmo Tara Lynn Terregino Maleah Rose Terrill Tam Le Thanh Thach **Dimitrios Georgeios** Theoharatos Alexandra Paige Thomas Brittany Lynn Thomas Cynthia Monique Thomas Logan Kyle Thompson Ju Hui Thorn Taylor Aiko Marie Thorn Marie Louise Thorsen Alyssa Rae Timms Sydney Erin Tirella Lauren Grace Tiritilli Nicholas William Todhunter Elina Broka Toll Sharvn Paige Tom Laura Tomlinson Shifei Tong Miranda Elizabeth Tornatore Angela Marie Torquato Ryan Michael Torrence Marco Antonio Torres Mathew David Torres Brenda Iliana Toscano Dan Ng Minh Tran Margaret Nancy Tran Mashaida Nicole Tran Y. Nhu Tran Yvonne Ngoc Tran Audrey June Trauntvein Krizia Anna Maria Traverso Samantha Leigh Trejo Daniel Trif Kelli Lauren Trimble Lance C. Trowbridge Nicole Lynn Trulby Benson Truong Keith John Trybus Nicholas Ramsey Tsonis Eric Miyoji Tsukamoto Emerson William Tucker Emily M. Tucker

Robert Charles Austin Tucker Ellenora Maria Tulkki Jessica Mara Turnansky Jolene Marie Turner Cameron Nicholas Turro Yasin Mohammad Uddin Kara Lynn Uranga Tanya Wells Utley Charlene Ann Uzzanti Haley Adele Vago David Megantic Van En Christiaan Cornelis Van Gijlswijk Laura Marie Van Slyke Tina Louise VanBooven Caleb Jon Vanderploeg Danielle Elise-Marie Vanica Annika Vannan Julia Marie Varkey Ashley Dalene Vasko Michael J. Vaughn Michelle Renea Vebber Michelle Nicole Vered Kimberly Ann Vermillion Tyler Daniel Verti Emily Anne Vester Andrea Christine Viel Andrew David Vigotsky Roberto Villa Mikeeta Dee Villanueva Sindy G. Salgado Villarreal Michael Van Vo Jolynne Desiree Voorhees Sandeep Gautam Vora Anthony Vu Michael Gregory Waddington Amanda Renee Wade Chelsea Marie Wade Jennifer Anne Wadsworth Ashley Rose Wagner Travis Nathaniel Wahl Camille Elvse Walker Jason Wesley Walker Shea Wall Tyler L. Wallace Jodi A. A. Walters Lin Elizabeth Wang Daniel Lee Ward Alexander Warfield Olivia Michelle Warner Jamie Warren Kimball Dan Washburn Brooke Leanne Wasowicz Rebecca Lynn Watson Michael Kirk Weaver Jeremy David Webb

Mark Kenneth Webb Ashanti E. Webster Matthew Lloyd Weeks Feng Wei Erika Morgan Weiler Sarah Rose Weiner Kadi Leigh Weinland Michelle Marie Weisman Jennifer Michelle Weiss Amanda Marie Wells Justin Palmer Wengraf Alicia Rae Westmoreland James Phillip White Shyanne Nichole White Shae Richardson Whiteman Elena Michelle Whitton Alexandra Cecilia Wikstrom Samuel Emmett Wilkes Anthony Tyrone Williams Ashley Blake Williams Barry Carlton Williams II Gary Spencer Williams, Jr. Gregory Chris Williams McKella Brvn Williams Stephanie Marie Williams Cynthia Lorraine Williams-Eatman

Stephen Lee Willoughby Alyssa Jay Wilson Amber Nicole Wilson Brandi Lynn Wilson Cierra Marie Wilson David S. Wilson III Katelyn Margaret Wilson Robert Wayne Wilson Charli Marie Withee Gregory Michael Wohlleb Burton Peter Wolfe David Grant Wolfgramm David Jong Hyuk Won Pak Hang Wong Jon Wessley Woodmansee Cassie Marie Woods Kaylie E. Woods Kellen Michael Worhacz Jack Carlton Workman Julia Kalila Wristen Zhan Xu Vanessa Ybarra Weidong Ye Evelyn Wai Fu Yeung Matthew Ryan Ykema Yanxiang You Samantha Marlene Young

Mohamed N. Yousif Ana Carolina Zajas Hans Nefi Zamora Kaelene Bailey Zapata Mladen Zecevic Cara Malka Zeidler Justin Lee Zeien Christopher Thomas Zeigler Dejan Zelic Danielle Isabella Zenner Kathie Q. Zhang Qiuhe Zhang Shangji Zhang Gennifer Jie Zheng Weilin Zheng Xiaoxiao Zhu Kara Leigh Zimmerman Susanna Kay Zimmerman John Edward Franklin Tan Zobian Vladimir Zovkic Mark William Zovne Scott Anthony Zuloaga Connie Wanda Zuo Mackenzie Bess Zurn David Paul Zwick

Magna Cum Laude: Designates those candidates with a cumulative grade point average of 3.60 - 3.79 for the course work completed.

Timothy Reed Abbott Shaymaa Hussain F E Abdulla Emily Ellen Abellon Melissa Gabriela Acevedo Jennifer Lynn Adam Cara Rosemary Adams Tiffany A. Agrusa Christopher Anthony Aguirre Jessica Herminia Agustin Shirin Jose Ahmadpour Zachary Thomas Airington Helen Al-Haroun Khalid Yaser M J Al-Mesalam Fasial Saeed A S Al-Subaey Samantha Marie Alarid Zoe Anna Albean Katelyn Danielle Alberty Michael Bryce Albretsen Jason Patrick Albright Alyssa Ann Alexander Connor Ryan Alfheim Abdullah Ibrahim A Aljallal

Khalid Abdulaziz M Aljamed Abdulla Saif Mohammed Ali Alkaabi Hana Alkahlout Mohamed Talal Ali Mohamed Alkhoori Rawan Saeed Abdulla Mohamed Alkhuzai Brad Gregory Allemang Megan Elyse Allen Abdulrahman Abdullatif A Almaqhawi Antonio Alvarez, Jr. Benjamin John Anderson Elizabeth Marie Anderson Katie Ann Anderson Mitchell Garrett Andreas Alisa Renee Andreen Koren Nicole Andres Nicole Christine Antol Willard Wayne Antone III Ciara Maire Archer

Ana Esabel Arias Rafe Daniel Arlotti Camille Armendariz Jessica Ann Armfield Christopher Dean Armstrong Xiomara Carla Arriola Katrina Courtney Arroyos Jordan Michelle Arvayo Alfredo T. Arzubiaga Victoria Anne Ashford Richard Ashlin Sergio Alberto Aspericueta Alyse Helen Rees Atayde Maisie Lynn Herrera Atencio Al-Weeam Abdulrahman Awad Chan Nyeinzaw Aye Brittany Alexandra Bade Jane Nicole Bader Alexis Baich Deanna Lynn Bailey Kimberly Marie Bailey Laine Marie Baker

Andrew Britt Baldock Edwin Alexander Baldwin Morgan Rose Baldy Dustin D. Ballard Victoria Katherine Banaszczyk Samantha Lee Banken Nicole Loraine Banks Jade Banschbach Bryan Robert Barchey Jeanette Barillas Matthew Augustus Barr Juanita Barreto Barreto Haley Richelle Barrong Corrinne Bartley Allen Kelly Bartoli, Jr. Armin Basic Jennifer Lynn Bauer-Leffler Jillian Amanda Bauman Steven Anthony Bauman Molly L. Baxter Christopher David Bean Stephen Dean Beaulieu Nicholas Bernard Becker Brittany Patricia Becvar Antontrey Irmaico Begave Natalie Alexandra Begier David Belohlavek Matthew Elgin Benn Bryan Maxwell Bennett Jonathan Andrew Bennett Julie Bennett Dana Paige Bennewitz Steven Gregory Berg Noelle Elizabeth Bergthold Selma Lizbeth Berlanga Ryan William Berns Aneesh Bhaku Scott Edward Biersack Elise Christine Bihl **Clark Richard Bingham** Kathryn Joy Binkley Ashley Elizabeth Black Sarah Rebecca Black Kacie Lynne Blackburn Raven June Blackwell Rebecca Carole Blair Brian Charles Blanchard Cecil Ofier Blandon Natali Blazevic Chandler Jean Blean Eliyahu Nachum Block Eric Dylan Blumenshine Mitchell Cole Bobman Samantha Kaye Lynn Bock Sayah Omar Bogor Ryan James Bolton

Samuel Lane Bonner Rebecca Allison Booker Lauren Joy Border Lindsey Rae Bosak Chloe Joan Bosmeny Blake C. Boswell Hannah Michael Boulanger Yolanda M. Boyd Cris Mitchell Brackenridge Rachel Diane Bradley Stephanie Ann Brake Laura Lee Bramer Sean Michael Branscome Nikolaus David Brehen Andre Arnett Brice II Nathan Edward Bridges Lauren Danielle Brimhall Taleah Rae Britsch Ashlev Moriah Britt Cole Truman Brown Frank Christopher Brown Melinda Sue Brown Noah Estel Brown Shannon Nicole Brown Susan Mary Brown Kyle William Brue Alisa Rae Bruzonsky Maximillian Emerson Buckland Christine Bui Ryan Jacob Burbank Anthony Christopher Burgess Cassaundra Marie Burnell Sean Patrick Busch Alexander Neely Bush Hannah Marie Byrne Lilian Carolina Caballero Michelle Romano Caballero Brandon Ayanti Caffie Spencer Charles Cahalan Mengshu Cai Kelsey Lauren Caldwell Kimberly Jo Callow Robert Allan Camacho Dyana Marie Camera Christian Cammarota Alicia Marie Canales Torrie Lynn Cannon Michelle Leigh Cantor Joshua Lee Cantrell Alicia Caprielian Naomi Elizabeth Cardenas Sabrina Lee Carlos Andrew Theodore Carlson Lisette Shalimar Carmona-Gonzalez

Jordan Nicole Carreiro Christopher G. Carroll Kimberly Ann Casares Jessica Lee Casetta Matthew Donald Castle Jennifer Camarena Castro Matthew Loyd Catlett Daniella Lee-Ann Caudle Troy Anthony Cayon Christopher Cazares Andrew Jose Celava Katherine Marie Cerino Joshua Michael Cerri Felix Del Campo Cervantes III Rohin Chabra Sheridan Rae Chaisson Brooke Marie Chambers Catherine Ngar-See Chan Chi-Hui Chang-Fox Katelyn-Rose Carolee Chase Dominique Lourdes Chavez Jordan Lyn Checkal Matinee Cheevasittirungruang Weiliang Chen Elise Sophia Childers Colleen Margaret Chittenden Robert David Chittum Daniel Thomas Christensen Maria Dawn Christy John Ciurdar, Jr. Philip Anthony Clarizio Caroline Marie Clark Grabowski Clayton Julie Marie Cleaton Benjamin Luke Cleaveland Jessica Ann Coker Elizabeth Alice Cole Andrea Miya Collica Truman Patrick Combs Gary Eugene Condon Michael Phillip Coniam Kelsey Richelle Conley Katelyn Marie Conrad Laura Melina Conroy Patrick Andrew Contasti Salvatore Anthony Conte, Jr. Bradley Stuart Contreras Megan Rey Cook Meghan Olivia Cook Rachel Nicole Cook Brittney Lynn Coon Samantha Lynn Cooper Jerrod Allen Cornejo Victoria Elisabeth Cornes David Corona, Jr. Colan Nathaniel Correll

Allison Michelle Cowan Cameron James Cox Raquel Sandate Craney Megan Grace Crepeau Chase Carter Crookham Leslie Jeanne Croy Jessica Cuellar Alexandra Sofia Curtis Sydney Layne Czaus Kody Christopher D Amours Nicole Jenna Dahlin Qimeng Dai Ashli Jenee Daley Rebecca Leigh Dangler Rachel Marie Daniel Kayli Brianne Daniels Jessica Dawn Dash Hunter A. Davis Samantha Kristen Davis Carolina Esperanza De La Cruz Evelyn Krystal De La Cruz Miguel Angel De La Cruz James A. De Young Dominic Vincent Decono Adam Jason Degner Lindsey delaTorre Michael Alexander Della Maggiore Victoria Paige Delleree Stephen Delorenzo Erik DeMar Michael Joseph Dennison Sara Michelle Denorch Denise Lynette Derickson Tate Nalani Desper Kham Souk Detmongkhonh Ian Alexander Dhuse Mason Harmon Diaz Ryan DiCicco Laura Elizabeth Dickerson Marlowe Harland Dickerson Emma Leigh DiFrancesco Dominick Anthony Difurio Victoria Kara DiNaso Donavin Joseph Dipietro Blake Chandler Dipinto Kimberly Anne Ditmer David Mark Doan Annie Beth Dodt Nancy Elizabeth Donahue Danielle Rene Donegan Farahnas Safa Doost Kristopher Dorer Starla Elizabeth Doss-Saldarini

Brynn Babette Douglas Dana Chandell Douglass Ryan Anthony Dries Jeannette Marie Dube Ashley Ann Dubishar Nathan James Duell Jeffrey David Durham Timothy Richard Durr, Jr. Kelly Michelle Dwyer Louise Sicat Dy Quiangco Alexis Gonzalez Eader Ryan James Eaker Kristin Yeong Eales Taylor Marie Eaton Jennifer Rose Eazell Nasrudin Ahmed Ebrahim Rebecca Hope Eckert Stephanie D. Edwards Taylor Mae Eernisse Jeremy Nnanna Egwu Emilee Irene Eikren Alan-David Odili Ekeinde Errold Glenn Elad Cassie Lvnn Elias Jennifer Joyce Ellison Sara Embree Mary Alicia Munoz Encinas Raquel Enrique Daniel Karl Erickson David Michael Leon Escobedo Chace Anderson Eskam Bianca Sarai Espana Karla Natali Esparza Carson James Ewanich Jeremy Lee Ewbank Kyle James Eyster Andrea Elisa Fabrega Saghar Fahandej May Ann Adorio Fajardo Joseph Anthony Falduto Katherine Brooke Farmer Jonelle M. Farr Nemo Nephi Farr Cristina Maria Fauste Miguel Angel Favaro Amanda Marie Feinstein Jordan Nicole Feise Shayla Gardenia Felix Jacob Alexander Fendley April Nicole Fendt Paulette Nicole Fennig Blane Marshall Ferguson Jacqueline Alyssa Fernandez Lindsey Fernandez Jonathan Andrew Ferraro Kristel Lalaine Ferrer

Mark Travis Ferry Jordan William Figueroa James Randolph Finch Giovanna Marie Fiorentin Zachary James Fischenich Jessica Adelaide Fisher Kiera Michelle Fisher Chase Matthew Fitzgerald Hannah Fitzgerald Nathan Duane Flake Michael Tanner Fleming Alyson Leigh Fletcher Joshua Bradley Fletcher Sarah Darlene Flint Bradley G. Florence Rachel Robin Fogel Amy Camille Foote Amory Ford Cameron Richard Ford Sean Michael Ford Rachel Elizabeth Foster Samantha Jeanette Frank Brooke Nicole Franklin Christa Leigh Fratantoni Kyle Scott Frazier Hunter Frederick Freeman **Billie Freiwald** Matthew David Friedland William Cody Frommling Kami Lynn Frost Jiaying Fu Shelby Nicole Fulton Joshua Larry Fultz Mogos B. Gabre Fabian Gadau Emily Anne Gale Devin Anne Galloway Amber Nicole Galvan Robert Anthony Gambardella Ryan James Garber Amber Leigh Garcia Jorge Jesus Garcia Leticia Garcia Timothy William Garcia Cameron Lee Gardner Tracy Jan Gardner Isaac Salgado Garnica Victoria Leigh Garrison Alec Robert Gebhart Christina Alyse Gettens Alexander Leland Gewecke Kiesha Elaine Geyen Lana Ghomrawi Advami Celivette Gil De Lamadrid Derek Gilbert

Sabrina Marie Gillette Ma Lizza Dacut Glogiewicz Amelia Nicole Goe Ashley Nicole Goldring Elizabeth Danielle Gomez Jimmy Alejandro Gomez Lindsey Marie Gomez Joshua Michael Gonzales Katie Elizabeth Gonzales Robert R. Gonzales III Tyler Justin Good Rebecca Elizabeth Goodwin Jacqueline Suzanne Gornbein Cesar Uriel Gradilla Kassandra Renee Gradillas Kristen M. Granado Kathryn N. Grebing Ray Clyde Greely Tynetta Green Alissa Christine Greene Tyler Eric Greenwood Christopher Ritchie Griffin Mackenzie Rose Groeneveld Beau Michael Grothendick Christine Lynne Grover Nicole Elaine Groves Matthew Scott Grunwald Zachary Alan Gulley Stephen Gary Gunnell Rvan Guthrie Samantha Michele Gutierrez Vanessa Colleen Gutierrez Zelyg Gutierrez William Lawrence Gutkowski Leslie Michelle Haaf Wilson Hahn Ibrahim A. Halloum Nathan James Hammond Lauren Taylor Handley Nathaniel Mills Hanet Brooke Mauresa Hanley James Daniel Hanlon Christopher Lee Hanse Alyssa Adele Hansen Anita Jane Hansen Joshua James Hansen-Staggs Matthew Steven Harer Emese Julia Harris Shawn Shani Hartenstein Julie Hartle Joshua Patrick Harty Brandon Cory Hatathlie Ian Benning Hattendorf Sydney Marie Hawes Grant Alexander Haydukovich

Anna Michelle Caroline Haynes Lauren Michelle Hazard Elisabeth Rose Heath Ryan Francis Heeney Rachel Heeter John Samuel Heiler Corey Allen Helsel Cole Vincent Maher Helsell Sabrina Leigh Hemmerling Robin Nicole Hemmila Natalie Xia Mei Henes Melissa Lynn Hennek Nina Kanticha Heosontaty Andres Victor Hernandez Angela Nicole Hernandez Hector Emmanuel Hernandez Monica Hernandez Sayra Guadalupe Hernandez Victor Anthony Hernandez Maria Elizabeth Hertzog Shaghayegh Mohebbi Hesari James Reyes Higares, Jr. Jordan Hill Kayleen Anin Hilsenbeck Staci Nicole Hineman Brittany Kaye Hines Zachary Colton Hines Michael James Hitzel David Philip Hielmstad Alexander Joseph Hodges Jay Michael Hofer Margaret Hoffman Catherine Ann Hogan Holmberg Kaitlyn Pennington Holmgren Christopher Andres Burruel Homa Tess Noel Homan Timothy Francis Honan Toshihiko Honda Weidong Hong Savannah Nicole Hoover Nashly Gail Horn Annie Elizabeth Horne Favian Perez Horta Amanda S. Housel Yun-Pei Hsieh Yang Hu Linwen Huang Yehui Huang Shavla Briann Hubbard Ellen Caroline Hudson-Naef Danielle Marie Hughes Tyler Chapman Hughes

Natalie Frances Hulet-Sandblom Heath Allen Hunt Alvssa Hurt Zakia Hussaini Lindsey Jeanice Hutchinson Zachary T. Huwald Lindsy Audrey Hydinger Kelly Darleen Hynes Chad Michael Hyslop Allison Alisa Ice Tamara Ignatian Ronald Joseph Inch Joshua Nasche Inocencio Shelby Ushi Kim Isa Sergei A. Isparyan Anna Della Ivers-Frank Caitlin Nicole Ivey Barbara Elaine Jack Ramiah Denise Jackson Abigail Anne Jacobson Caitlin Elizabeth Jacopin John Robert Jakoubek III Sage Timothy Alexander Jaurequi Alison Rae Jeffords Charissa Iona Jennas Hannah Hope Jennewein Steffanie Moyers Jensen Wavne Mathew Jepsen Michael Alan Jewell Kimberly Aisha Jim Brandon Clement Johnsen Jonathon Richard Johnske Amber Kristine Johnson Kristine Yvonne Johnson Lyle Eric Johnson Sarah Ashley Johnson Edmund Alexander Jolley Chelsea E. Jones Mitchell Drexel Jones Reannon Renee Jones Ryan Edward Jones Zachary Loren Jones Melissa Nicole Jordan Michael James Juby Samantha Maria Juntiff Marissa Frances Kagele Melanie Ann Kahler Tamarra Mary Kalamchi Linsie Olivia Kalland Jason Kam Zaneta Kaiying Kam Alyssa Mecedes Kamiaz Giresse Tchegho Kamwa

Gurjot Kaur Kan Kawabata Ryan William Kay Gabriela Estrada Keahon Ciera Shadow Keeton Megan Ann Keitel Marion Zoe Branch Kelly Salma Kemmou Lauren Marie Kenney Kelly Shawn Kernohan Amanda Michelle Kerr Samantha Rae Kiely Helen Kim Seulki Kim Jessica Ferrell Kimling Krysta Leigh Kimmett Bruce James Kimura II Jessica Nicole King Melissa S. King Hannah Kiss Taylor James Kitasato Justin Andrew Koceja Kerrysue Koeppel Praveen Budhijith Bandara Kotagama Shana Marie Kozak Cole Nicholas Kraiss Brian Theodore Kramer Katie Lou Kramer Weston Maximilian Krauss Dikranouhi Krikorian Yasmeen Sam Kronz Marysa Jo Marguerite Krueger Anthony R. Kuhn Jared Slade Kujawa Shane Kula Saravana Kumar Paulina Ann Kuszajewski Aleksandr Kuznetsov Ashlee Nicole Kvamvold Jaeyeon Kwon Hashem Lababidi Chelsea Mara Lacoppola Christine Lam Wing Tung Lam Eric Christopher Lambert Alyssa Capri Land Jason Bernstein Lane Ryan Andrew Lane Cody Merritt Larkin Jesse Vincent Laughton Lesley Kim Le Nam Cong Le Matthew James Le Roy Nicole Ashley Lechner Addison Michael Lee

Christina Michelle Lee Jiwon Lee Dustin George Leffew Jocelyn Leichner Alexa Nicole LeMay Ashleigh Marie Leonard Brenda Leonhardt Kevin Leung Paige Marie Levinsohn Ethan Michael Levy Melodee R. Lewis Melissa Lauren Ley Zhiyang Li Ailan Liang Randy Max Lilly Aung Tun Lin Myrtle F. Lin Colten Ray Lindauer Shannon Dawn Lippincott Dale Chase Lockhart Courtney Louise Loera Sydney Lonaker Brittany Lyn Long Erica Michelle Long Jessica Lopez Viviana Oyuky Lopez Kathleen Megan Lorenzen Lucia Francesca Loroña Jade Elizabeth Lougee Joshua Eugene Lougee Taylor Francis Loutsis Athena Cary Lovely Kah-Leong Carl Low Lu Lu Melissa Kathleen Ludlow Anthony Duff Ludlum Carlos Luna, Sr. Robert J. Luna Kevin Lee Lundgren Dizhou Luo Lauren Elizabeth Lupo Rvan Anthony Lvnch Justin David Maass Kenneth Daniel MacPherson Gabrielle Elise Maestas Tiffiny Michelle Maitland Dzintra M. Malins Alexis Marie Malonev Monica Alejandra Mancillas Krysta Lee Mangum Rebecca Marie Manhardt Corrinne Nicole Mann Sarah Elizabeth Mann Taylor Elese Manske Nayla Jasmine Mansoor Amanda Kalyca Manz

Adrian Maranon Jordan Linda Mariner Hunter Edward Marrow Jeannette Evelyn Martin Corrie Blyth Martinez-Howard Daniel Michael Mass Raul Jimenez Massie Sarah Noel Maxwell Allyson Jordan May Chelsey Denise Mcalpin Carissa Nicole McAtee Kira Geyser McAvoy Emily Anne McCaleb Hadeel Jessica McCall Mackenzie Ann Mccreary Sean Wesley Mcdaniel Kelley Lane Mcdonald Shawna Kay McDonald Deanna Marie McDonough Clayton Ross McDougall Christopher Scott Mcintire Andrew Daniel McKee Jennifer Dianne Mckenna Keifer Hugh McKenna Matthew Kevin Mclaughlin William Chase Mclaughlin Garth Lawrie Mclennan Rebecca Elise McNamara Brandon Lee Mead Michael James Mefford Edwin Jairaj Mehta Natalie Anne Melkonoff Elsa Judith Mendez Tushar Menon Ryan Merkley Amanda Dolores Michalek Ashley Miller Honah Lee Miller Jacob Moshe Miller James Michael Miller II Nicholas Dillon Miller Mandana Minai Abhinav Mishra Erik Richard Misiak Riley Phillip Molloy Darryl Ryan Monteilh Daniel Stephen Montes Brett Joseph Montgomery Gabriel Vincent Moon Nicholas Michael Moran Helen Lucille Moreno Dylan Hope Morse Todd Wayne Mortenson Skylar Nicole Mowery Noemi Lizet Moya

Jennifer E. Muir Leah Alese Mullenaux Matthew Zachary Munsterman Christian Davis Murphy Rachel Lauren Murphy Shannon O. Murphy Bryce Richard Muzzy Thomas Scott Nadel Melissa Don Naef Tiffany J. Nava Elizabeth Mary Wood Neitge Kelsey Anne Nelson Narrae O. Nelson William Henry Harrison Nelson Alexa S. Nenaber Katherine Elizabeth Nerheim Stuart Conrad Ness Erica Joyce Newby Peter Thongbor Ngor Jane Nguyen Karen Tran Nguyen Nhi N. Nguyen Thuy Lan Thi Nguyen Lauren Noel Nichols Carolina Alexandra Nick Tara Lynn Nielson Katelyn Elyse Niemiec Derek Kensaku Nishikawa Eric Anthony Nix Sheelah Marie Noffz William Charles Novak Alexandria Marie Nunez Derek Evan Nunez Dawn Beth O'Brien Valerie Cristine Ofisa Matthew Nicolls Olney Rachel Lindsay Olsen Andrew James Olson Markey Cierra Olson Sophie Aurelia Opich James Logan Oplinger Cassandra Ortega Christopher Geordan Ortiz Destiny Natalia Ortiz Robert Anthony Ortiz II Roxana Elvira Ortiz Eric James Ottesen Kendra Lynette Owusu Ryan Anthony Page **Rachel Marie Pahls** Sarah Ann Pakeltis Benjamin Henry Paley Jeremy Palmer Sara Palomares Zhanle Pan

Paul Timothy Panhans Leslie Bridget Papastefanou Denise Justine Iwatani Parel Lisa C. Parisi Jungeun Park Sarah Nicole Parsons Heeral Patel David Wesley Paxman Fletcher Scott Peavy Nicholas Scott Pecor Mackenzie Rae Pemberton Angela Pena Maricarmen Contreras Perez-Vargas Kennetha Larrette Perkins Cassandra Linnea Perry Donald Norman Peters Dani C. Peterson Ryan Alexander Peterson Tamarra Wray Peterson David Minh Tung Pham Laura Phrasavath David John Picone David Lawrence Pierce Amanda Joy Platt Jonathan Joseph Plescher Alecia Jayne Polacca Amy Brianne Ponce Cassidy Rose Possehl Juvan Lotfali Pourturk Nicole Denise Powell Isaiah Jamal Powers Rebekah Rae Poweziak Benjamin Scott Prather Lacey Ann Prescott Martin C. Preslev Alexandra Lin Price Scott Isaac Price Christopher T. Probst Zachary Thomas Propheter Tara Morgan Pugh Cody Gene Pugliese Jeffrey Stephen Quick Andre Esteban Reynoso Ouihuis Tricia Moreno Ouiroz Sana Mahmud Quraishi Noor Amanda Raad Michael Reynolds Rabka Ashur Scott Rael Zachariah Edward Ragatz Abigail Ramirez Jazzly Moné Ramirez Todd Gregory Ramsey Joshua Del Rapier Justin Robert Ratkovich

Amanda Mae Rawlings Darrell Wesley Ray Jennifer Ann Ray John David Reading Mackenzie Lynn Reading Courtney Nicole Reeves Tyler Joseph Reeves Olivia Rose Reidell Erin Louise Reilly Haimo Ren Bianca Joyce Repasi Nicholas Lee Reppert Anastasha Renee Richason Scott Donovan Ridgeway Aleyna Michelle Rigby John Ricotta Riggins Dianna Ringwald Melissa Marie Rinzivillo Emily Marie Riordan Victoria Elizabeth Rios Gabriel Anthony Rivas Daniel Thomas Roberts Marcus Lorel Roberts Shawn Michael Roberts Sierra Roberts Jade Victoria Robinson Enrique Rahid Robles Jessica Don Rodenkirk Blanca Teresa Rodriguez Daniel Paul Rodriguez David Anthony Rodriguez Josefa Alexandra Rodriguez Nereyda Rodriguez Reynaldo Rodriguez Chase Nicklas Rogers Farrell Jav Roland Axel Yuriel Roman Kyle James Rosendale Kelen Robert Andrew Rosine Sarah Elizabeth Rossman Logan Scott Rothenberger Kevin Howard Rowse Darryle Christie Royal Caitlin Marie Rozinski Gabriel Carlos Ruiz Rochelle Nicole Russell Danielle Alexa Russo Joshua Lawrence Sabol Joseph Richard Sadow Chaz Oscar Salazar Brianna Lynette Salinas Julie Ann Salinas Jeff A. Salo Devin Ray Salonko Briana Janine Samaniego Daniel Sanchez

Dion Sanchez Josef Mychael Sanchez Nayely Sanchez-Hernandez Hailey Jane Sanders Patsy Sandoval Robert Santana Joaquin Santecchia Jacqueline Santillan Renae Alejandrina Savala Chelsea Kay Savastio Robert George Schenck Nicholas David Schillaci Brayden James Schmidt Nicole Frances Schmidt Regina Cody Schmidt Hanna Elise Schmitz Kirk Andrew Schmitz Elizabeth Ann Schneringer Skye Brion Schooley Jaclyn Marie Schroeder Haley Alyse Schryver Jordan Lee Schuler Scott William Schulte Nicole Danielle Scott Paula LeeAnne Scott Justine Petersen Searle Robyn Lynn Sedell Alex William Nazario Segovia Christine Marie Seime Andrea Jeanne Shacklett Kirstin Nichole Shanklin Tamir Mike Shargal Abylay Sharip Nicholas Shaw **Banipal Shawil** Rachel Nikita Shedden Kimberly Ann Shely Sean Sherlock Benjamin Paul Sherman Shaina Katherine Sherman Aaron Michael Sherrell Eneida Agustin Shqalsi John Andrew Shriver IV Richele Simone Shuler Vanessa Marie Shultz Griff Rolland Sickendick Kiel Matthew Siler Christopher Patrick Silvia Anna Marie Simperova Andrea Hayek Singer Aliza Navit Sirkin Katherine Elizabeth Skoff Evan Mauricio Smalls Elizabeth Jane Smith Eric Lynn Smith Kendra Amick Smith

Kristopher Jorge Smith Kyle Eugene Smith Madison Ann Smith Sherene Rebecca Smith Christopher M. Smith-Jordan Kelly Jean Snarr Lorne Lynn Snyder Christa Rose Solis Daniel Solis, Jr. Erika Leigh Sollars Annette Pedroza Sotelo Jacob Mario Spacone Maggie Marie Spear Laura Jean Sposato Kelton Scott Spresser Kayla Catherine Springford Donna Denise Spurgeon-Williford Stasa Ivana Sroka Tyler Matthew Stamp Ashley Nicole Stanek Brady Ashton Stanton Matthew Dale Starks Kyle David Steeno Michael S. Stein Alexander Joseph Sterling Lores Tyler Steury Dale Roberts Stevens II Paul Michael Stevenson Michael Olson Storto Sarah Stradling Madison Paige Strakele David Jay Strauss Steven Paul Stutzke Ashley Rae Suiter Yan Yuryevich Suleymanov Emily Rebekah Sullivan Katharine Leticia Sullivan Yaniv Swis Danielle Capri Tackett Leonardo Noboru Takamatsu Brian Seiha Tan Scott Linh Tang Wing Yi Tao Diana E. Taylor John Michael Templeton Rachel Amber Tenison Jonah Jerard Tenorio Daniel Jonathan Tepovich Bryce Butler Thompson Jenna Lea Thompson Maria Kathryn Thompson Michal Noelle Thompson Michelle Renee Thompson Thomas Keating Thurber Sarah Elizabeth Toews

Toshiharu Andrew Tokuyama Alex James Tolman Emrie Dale Tomaiko Erin Jaye Torchia June Arely Torres Peter Touresian Derek Jon Townsend Jamie Lorraine Traxler Anh Tuyet Thi Truong Joanne Truong Steve Truong Sean Patrick Turgeon Dillon Seaber Turner Hannah Kathryn Turner Johanna Lilly Turner Kirsten Rachel Turner Stephanie AnnMarie Tutt Samantha Ann Twet Emilie Marie Twilling Thomas Michael Unger III Lindsay Grace Ungerman Yonit Upart Luciana A. Valdez Brianna Elizabeth Valenzuela Michael Zachary Valenzuela Kendall Rae Valsvik Alexander Scott Van Houghton Collin Timothy Van Orden Skylar Jaide Van Someren Corina May Vanek Rachel Lee Vaney Nicholas Vera Thomas Andrew Verderame Rosalva Villa Alicia Raquel Villarreal Katherine Marie Vincent Kelly Lynn Voigtsberger Bich Ngoc Vu Howard William Waldie IV David Glen Wallace Christopher James Walmsley Emily Helen Walsh Berit Noelle Walters Tyler William Wanek Jiapeng Wang Siying Wang Zhuowei Wang Christopher Musundi Wanjera Jessie Kay Wardarski Marie Joanne Warnert Kea Maria Warren Scarlett Waterson Samuel Christian Wegner Christiana Tally Wento Anthony James Weringer

Taryn Jo Whaley Jarred Alan Whicker Domenique Nicole White Jon Paul Orrock White Kayla Allison White Rebecca Anne Wilcox Anne Teresa Willert Cody Jefferson Williams Eddie Ray Williams Ariane Lolita Willson Julie Helen Wise Michael Ryan Wise Lisa Renee Wiseman Ashleigh Elizabeth Elaine Witham Amanda Mobley Witten Dana Marie Woell Thomas Joel Wong Danielle Wood Kacey Elizabeth Wood Jerry Wu Seiga Yanagisawa Jeein Yoon June Yoon Alex David Young Cameron Michael Young Hayden Lewis Young Joshua Adam Young Cassandra Faye Zamora Haley Marie Zarbock Jialun Zhao Jessica Lynn Zook Charles Joseph Zulanas IV Janice W. Zwolinski

Cum Laude: Designates those candidates with a cumulative grade point average of 3.40 - 3.59 for the course work completed.

Akram Jamal Abdallah Avi Walid Abubaker Patrick Michael Accurso Ryan Douglas Ackerman Jessica Danielle Acosta Alberto Acuna, Jr. Matthew Ryan Adame Brian Jeffrey Adams Carrie R. Adams Charlotte Sadie Adams Karlee Ann Adams Shane Christopher Adams Charles Kabu Adjovu Karina Adum Alejandro Aguilar William George Agy Raj Jagdishbhai Ahir Devin Janelle Akers Saoud Abdulla R A Al-Kuwari Abdulaziz Majdi M Al-Tamimi Hamad Nassib Suhail Yatba Alameri Francisco T. Alamo Abeer Ahmed Abdulrahman Abdulla Alawadhi Benjamin Paul Albrecht Rick Albrecht John Victor Aleman Moriah Rose Alexander Mohamed Abdulgader Ibrahim Saleh Alhammadi Ahmed Abdulkarim Jasim Mohamed Navem Alhayki Rashed Hasan Jumaa Hasan Alhosani Jason Kenneth Allen Kate Elizabeth Allen

Parker Geoffrey Allen Dylan Jane Aller Sara Almalih Hanane NMN Almarou Mohammad A M S Almusallam Saleh Mutair S Almutair Ahmed Mahdi A Alnagash Abdulwahab B M Q J Alsarraf Elyas Baker A Alshaikh Russl Altabtabaee Abdulrahman Saleh S Altamimi Antonio Alvarado, Jr. Daliyah M A A Alzahim Antonio Vincenzo Amato Kaitlyn Rose Anders Evan Robert Anderson Tyler Cole Anderson Maria Fialeta Andreeva Anthony Joseph Angus Rita Ariana Antoni Lauren Mckenzie Applegate Jose Fernando Arballo Michaelanthony C. Arberry Jesse Arellano, Jr. Kennedy Rae Arland Casey Charles Armbrust Kheri Ann Armer-Newell Taylor Renae Arndt Jesus Edward Arredondo Betsaida Janet Arrizon Alexandria Raquel Arroyo Virgil Stephen Tambunting Artuz Stephanie Faye Assi Phillip Anthony Astorino Alexandria M. Aten-Roy

Luke Francis Atkinson Mustafa Ahmad Atriss Grace Catherine Auther Al-Homam Abdualrahman Awad Holly Margaret Ayala Gretchen Ali Ayub Chelsea Lee Babcock Joanne Marie Backherms Peyton Badger Jessica Jerrijo Badilla Edwin Manuel Baeza Patrick William Bailey Tanner Austin Bailey Matthew Clair Baldwin Amr Adnan A Balkheyour Jasmine Alexis Ballard Terrance Joseph Balousek Kevin Ryan Balzer Kaila Lynn Bara Bryn Sarah Barasha Alexa Christian Barbee Daniel Gavin Barclay Trevor Michael Barker Svlvia Barnai Danielle Christine Barnard Matthew Hammond Barnes Amber Nicole Barnhart Jay Romeo Barraza Morganne Barrett Melanie Jeanne Bartlett Aaron Robert Thomas Bass, Sr Isaac Adrian Bates Berlin Hannah Baumler Ian Robert Beauregard Amanda Becher Alexander Daniel Becker Ashley Marisa Beckman

Joshua Peter Befort Cody Martin Begave Jordan Gregory Beletz Anthony Lawrence Beltran, Jr. Karina J. Bendle Alicia Meigh Benson Jacob Andrew Benson Lavinia Maria Bercea Peter Alajos Berger Saron Fessehaye Berhe Robert Jacob Berkshire Andrea Gabriela Berrios Hailong Bi John Francis Biermeier James Robert Bigbee Jolene J. Birdsong Nicholas Alexander Bishop Sandra Monique Maria Bitelli Tanner Jacob Bitz Brandon Porter Blaettler Ashley K. Blair James Edward Blair III Casev Jessie Blake Corbin Joseph Blandino Karl Leor Macala Blasco Sara Ann Bleau Robert John Blievernicht Marisa Nicole Blumer Kellie Nicole Bochart Joseph Albert Bogushefsky IV Sean David Bogusz Christopher Caballero Boller Louis Bonin Zachary Martin Bootz Wesley William Borie Amelia Grace Bourke Daniel James Boyle Stephanie Jihan Boys Zachary Tyler Bradley Jason Robert Joseph Braun Brenda Bravo Melissa Bray Daniel James Brazner Francisco Briseno James Joseph Brock Anthony Joseph Broglia Samantha June Rose Brooks Alexander Lee Brown Christian Jeffrey Brown Courtney Marie Brown Jason William Brown Kathryn Leigh Brown Morgan Emily Brownlee Lauren Elizabeth Brunacini

Connor Robert Johnathan Buchanan Kaylee Marie Buchholtz Sydni Ann Budelier Alex Thomas Bullock Kevin Raymond Burdick Andie Katherine Burke Patrick John Burke Brianna Lee Burns Garrett Michael Burns Nathaneal O. Burrell Dominie Hope Burwell Claire Marie Bushkill Ilona Byrd Stephany Arlette Caballero Dylan Reid Cambareri Taylor Marie Camiliere Nicolas Salvatore Camillo Koray Canturk Joseph Jordan Capel Sarah Rochelle Carawan Andrew George Caron Brenda Patricia Carrasco Archie Casquero Carreon Amanda Jo Carrero Siena Carrington Courtney Demarcco Carter Zachary Andrew Castagna Christian Lee Castro Andrew Hancock Cesarini, Jr. Nathaniel Gerald Chaisson Andre Chamberlain Shaina Elizabeth Chandler Kelsea Jennifer Chapel Alyssa Josalind Chapman Matthew William Charnell Raymond Chau Yvonne Choyee Chau Jose Esteban Chavira Fan Chen Po-Hsiu Chen Xing Li Chen Boyd Joseph Chewing Yen-Ting Chiang Charles Joseph Chilla IV Connor Austin Chilton Joyee Joan Chin Gilberto Lopez Chiquete Christopher James Chitla Hee Jong Cho Hyeonjoong Cho Ivan Chong Katie Chung Bogdan Ciotinga Adam Michael Civiello

Jesse Rene Clark Kaisa Sonia Clark Victoria Lee Clausen Jessica Clonts Sebastian Miles Cole Ian Taylor Conaway Kelly Marie Condon Clayton Brooks Cone Sean Steven Connolly Jorge Contreras Jason Michael Conway Kelsie Cooke Dillon Marc Cooley Rachel Anne Cooper Jodi Marie Copeland Joseph Bartholomew Coppola Erica Marie Corvasce Joseph Franco Cosme-Bandola Daniel Evan Cota Samantha Courrier Jason Bradley Cox Keegan Robert Cox Renee Alexandra Covle Jayson Scott Crane Daniel Christopher Cronin Catherine Faye Croutcher Angela Maria Crusco Mackenzie Leigh Cummings Andrea Lvnn Curry Kenneth Christian Curtis Stewart Ferreira Da Silva Yuanhong Dai Andrew Charles Daily Debra Lynn Daingerfield Zac Thomas Dalby Andrew Ray Dame Alexander Joseph Sterling Daniel Monica Leeanna Danielson Paige Kristine Danner Antwan Cornelius Davis Laura Taylor Davis Ryan Mccarthy Davis Chelsea Esther De La Cruz Matthew Lee De La Rosa Nickolas Paul De Leon Samuel Paul De Witt Daniel Ray Deakins David Matthew Decelles Jordan Santos Dela Cruz John Alan Della Bona Michael Cole Dellisanti Cody Alex Delvecchio Gian-Franco Alcantara Demano

Melissa Jean Demarest Kyle Lontae Denman Stephen Thomas Denton Brandon Charles Dentremont Jessica Lyne Deppey Madhure Desarda Austin Ned Desenberg Robin Marian Dial Marisa Velia Diaz Samantha Diaz Jordan Ross Dickey Jade Celeste Dietzman Alicia Erin DiJulio Brigette Mae Dixon Matthew Jacob Dixon Stephanie Kristine Dobash Jessica Leigh Domenichelli Kimberly Doucette Mitchell Adam Dougherty Stuart Thomas Dougherty Trisha Renee Douglass Brittany Nicole Dukes Jesse Joel Dummar Benjamin Duncan Brandon Price Duncan Elliot Michael Dutton Marlena Jeanelle Eastridge Brittany Patricia Eckler Emily Anissa Eckley Maximillian Ashur Edwards Kristie M. Egherman Johnnie Michelle Ehrlich Alexander Watt Eimiller Michael Jay Einstein Andrew C. Elliott Kellie Elliott Devon Nicole Ellis Omar Mohamad Elzayyat Glenn Kyle Emanuelson Tanner Michael Erickson Andrea Escobar Azeem Lee Eskandari Brandon I. Espana Ivette Paulina Estrada Danielle Ann Estrella Kelly Kay Etchason Matthew Ettinger Morgan Kelsey Euzarraga Preonshatae Ti Debera Evans Lehem Ghebre Eyassu Sarah Farnes Courtney Lynn Farrington Oluseyi Fashusi Sandra Marie Federico Neva Ophelia Felix Jingxian Feng

Kaylee Elise Fentnor Andrea Rose Ference Alyssa Lauren Fernandez Victoria Michelle Fernandez Catherine Jane Fevery Michelle Sue Fifield Matthew Alan Fioccoprile Porter David Fish Brianne Margaret Fisher Alexandra Sue Flanders Khrystal Marie Fleming Serena Louise Fonze Hannah Cayle Fouche Nigel Alexander Foulds Tehvon Dushee Fowler-Chapman Blake Anthony Foxx Nicholas Andrew Fraga Kristina K. Frame Gregory Neil Frantzen Catherine Elizabeth Frazier Amanda Rose Freed Taylor Sierra Freeman Garrett Travis Freibott Anna Freydenzon Mariana Annette Ferrer Fuenmavor Anais Fuentes Nathan Scott Fyffe Briana Marie Galati Kevin James Galati Susan Dollard Galgano Anahi R. Garcia Dasia Rae Garcia Elizabeth Ann Garcia Jessemon M. Garcia Lilliana Garcia Sammy Ramone Garcia Grant Lyndon Garrett Zachary Aaron Gasper Lingnan Ge Taylor Ryoko Gee Anthony Frank Gennario Natelle Angelina Gentile Jeremy Laurentius Gerrese Jeremy Ethan Gertell Ashley Ann Geske Christine Alice Gibson Alexandria Southwick Gil Thomas Andrew Gillies Corey Sean Gilmore Brandon Lee Gilveat Nicholas Edward Giovannucci Julia Hannah Glesener Wendy Lee Glover Kristin J. Godwin

Anais C. Gomez Gabriela Bianca Gomez Brianna Racquel Gonzales Jesus Gonzalez David Gregory Good David Fielding Goodwin Linsey Nicole Goodwin Danielle Nicole Goossens Alin Claudiu Gorgan Tarun Bhardwaj Gorowara Hubert Frank Gourgue Lauren Elizabeth Gowen Brianna Lyn Graf Rylee Nicole Grafil Daniel Brent Green Kacy Joseph Green Zachary Tyler Green Niccola Taylor Greene Lauren Marie Grifo Jonathan Grijalva Jordan Ryan Lloyd Grimaud Francis Xavier Grimes Alexa Marie Gripp Danielle Alene Grobmeier Brian Scott Groh Brittany Lynn Groome Jiahui Guan Matthew David Guevara Vincent Brennan Guido Michael Brvce Guilliam Wenlong Guo Jenifer Marie Gura Alec N. Guthrie Hannah Elyse Gutierrez Joseph Patrick Gutos Eric James Haakenson Alec Nicholas Habeeb Mackenzie Ann Hagan Shiva Haghshenas Omar Raed Mustafa Halawa Alexia Lynn Haley Kathryn Ann Hall Monique Damaris Hall Justin Ryan Hallman Najat I. Hamdan Janie L. Hampton Benworth Bryce Hansen Shaun C. Harris James Konrad Hart Martin Korth Hastings Karen Hatten Matthew George Haugen Justin Adam Chandler Havriliak Samuel Ryan Hawkinson Angela Lee Hays

Christopher Stegner Hays Cassandra Lee Heatherly Evan Lee Hendriks Robert Jeffrey Heng Jonathan James Olen Hepp Kelsey Lorene Heras Alejandra Hernandez Edward Anthony Hernandez Lizette Hernandez Payton Brianne Herrera Caylie Carissa Hershberger James Anderson Mccelvey Hester Michael Segovia Hester Mariah Michelle Hickerson Wei Liang Hii Ryan Michael Hill Jessica Nicole Hines Kiara S. Hines Karen Marie Hinojosa Hadley Anna Hirsch Hallie Marie Hirsch Jared Sean Hirschl Amber Noelle Hivon Holly Elizabeth Hixon Han Thuy Hoac Brandon Michael Hodgeman Candice Michelle Hodges Erika Lee Hoffmans Mariah Ashley Hojnacki Michelle Christine Holguin Skye Lynn Hollabaugh Tyler Timothy Hollmann Caitlin V. Holmes David Richard Holtz Haley Nicole Homan Alexandra Monique Hoover Lillian Michelle Horine Samantha Ashley Horn-Reynolds Adelia Janese Hornbuckle Shawn Patrick Houlihan Shelby Christine Houlihan Hannah Eileen Housenga Bailey Kay Howard Chelsea Elizabeth Howard Kaitlin Irene Hubert Kasey Ellen Hughes Shannon Coriene Hughes Tana Lauren Hughes Shawn Elliot Hull Ryann Mary Hulme Jared Scott Hunemuller Sara Rose Hunt Chloe Lynn Huper-Holmes Tan Cong Huynh

Tania Karina Ibanez Craig Robert Ignatowski Lisa Eri Irimata Michael Joseph Iuorio Zachary Hart Jaburg Clair June Jackson Mitchell Howard Jackson Brad Mikal Jacobs Krista Feridah Jalaie Justin Michael Janssen Laura Ashley Jarman Michael Majid Javadi Courtland Emmett Jeffrey Megan Elizabeth Jeffrey Kamila Jelani Noelle Nicolette Jenkins Andrew Jimenez Gabriela Jimenez Ashley Nicole Jobst Kristin Ashley Johnson Michael Christopher Johnson Kathleen M. Johnstonbaugh Alexandria Shea Jones Ashlev Monique Jones Mikayla Pearl Jones Ryan Kent Jones Samuel James Jones Victoria Lynn Jones Nick Kealii Jorgenson Ali Basheer Ali Jubran Jadah Catherine Julian Shelise Marie Kahn Jason Matthew Kalafut Alisa Kalayda Katrina Jean Kaminski Robin K. Kania Omar Karaboulad Kara Mikaela Karaniuk Calissa Perrin Kasperski Emily Sarah Kastner Derrick Thomas Kearney Brandon Patrick Keeber Tyler Cade Keeling Ryan John Keen Tyler Michael Kees Rebecca Elizabeth Kehoe Stephen Paul Keller Emily Ann Higgins Keppler Taylor Grant Kerby Mariah D'nae Kerr Taylor Newton Ketchum Marley Jahnee Ketring Jakob Aaron Khazanovich Alexa Nichole Kidman Daniel Dean Kilpatrick Eun Hee Kim

So Young Natalie Kim Richard Dale King Zakary Alexander King Nicole Kathryn Kinsel Benjamin Allan Kitnick Robin Celeste Kiyutelluk Kevin C. Klawinski Jakob Francis Hamilton Klein Molly Rebecca Klein Kody George Klimes James Jordan Kline Caleb Aaron Klug Madison Alexandria Klug Jeanine Knapp Mackenzie Autumn Kneer Jameson Stephen Knop Chad Alan Koeth Abby Louise Koier Jared David Korinko Christina Louise Kotoske Souhaila Kouteib Gary Steven Krainz Max Daniel Kraust Colton Casimir Krolak Sanja Krstic Preston Dyllan Kulikowski Kevin Michael Kunce Tyler Matthew Kunce Corey Alan Kunes Sonia Jacob Kunthara Ching-Chun Kuo Erik William Kuper Taia Ann Kvitek Sukwha Kyung Alexander La Bianca Alexander Christopher Ladensack Taryn Elise Lafferty James Haste Lagerman Mun Pan Lahpai Allison Irene Laitsch James Paul LaLonde Philip Andrew Lamaster Christopher Anthony Lambert Nicolle Kimberle Landreville Travis James Lane Hannah Elizabeth Lankford Nicholas Charles Lantz Kunal Krishan Laroia Katie Rose Larson Sean Sy Lau Courtney Nicole Lavery Brandon Edward Lawhorn Lauren Michele Lawson Keegan Charles Leary Elizabeth Ann Lebeau

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Raymond Russell Lebert Alissa Michael Ledum Alisa Yulim Lee Hyemin Lee Jaeho Lee Yoo Rim Lee Melanie Christine Lehnhardt Monique Briana Leon Kevin J. Lepert Amanda Lynn Lepore Sarahi Lerma Samuel Lynn Levine Ross Elliot Lewicki Amanda Christine Lewis Danling Li Xuan Li Lisa Elizabeth Liguori Soyoung Lim Hao Lin Jenna Lin Thomas Michael Linnen, Jr. Isabelle Olive Lishewski Ksenia Lisova Kaeden Lvn Litchfield Rebecca Ann Little Amanda Danielle Litzinger Hai Liu Liwei Liu Xiqin Liu Rebecca Marie Livingston Savannah Brittany Lokey Cheryl Lynn Lomakema Annie Sue Lombardini Keila Dawn Lombardozzi Shawna M. Long Audree Katherine Lopez Elva-Victoria Suzzanne Lopez Evan Damon Lopez Justin Daniel Lorsch Adam David Lowe Katherine Robin Lucas Pamela Kav Lucero Tara Mariah Lucero Channing Robert Ludden Timothy John Luke Lizbeth Luna Sean Wade Lutke Alexandra Elouise Lutz Michael Christopher Lynch Raymunn Geno Machado-Prisbrey Emily Elizabeth Macrane Christian Jonathan-Russell Madrid Neema Mahmoodi Colleen Patricia Mahoney

Rachel Michelle Manak Stephanie Lynne Manning Tawny Belle Manning Joseph Gabriel Marcano Dalen Arik Marchant Israel Ruben Mares Christa Nichole Markley Ernesto Marquez, Jr. Zachary Johnathon Marrufo Cole Davis Martin Margaret Williams Martin Travis John Martin Alexus Flavia Martinez Nicholas Steven Martinez Ryan Alexander Martinez Joanna Mary Martori Brittany Jo Mason Justin Andrew Mason Sarah Louise Matchette Christopher Frank Matheny Michelle Rene Mathews Alexander Ian Matlock Jordanna Rachael Matlock Jonathan Reid Matsumoto Steven Lee Matthiesen Jillian Jean Mauntel Alyssa Lynn May Sophia Elizabeth Mayberry Jennifer Katherine Mayes Paul Milton Mcafee III Benjamin John Mcauliffe Erin K. McBride Alec Stevenson McCarthy Megan Kathleen McCauley Cailen Marie Mccloskey Kaysie Marie Mcclymonds Brandon Michael Mccolley Katelyn Nichole Mccollum Ryan Michael Mcconnaughy Alicia Denise McDaniel Cydney Grey Mcfarland Emily Margaret McGeary Maria Lyn McGilton Taylor Marie Mcglone Courtney Paige Mchenry Ramon Dwain McKamie, Jr. Lauren Elizabeth Mckay Brady Lawrence McKeand Craig Dean McKenzie Nicholas Robert Mckirgan Lindsay Marie McLean Melinda Priscilla Marielle **McLean** Heather Nolan McLeod

Ian Kain Mcleod Travis James Mcmahon Ashley Meredith McMasters Kyle Jonathan Mcmullan Kailey Anne Mcneill Mason Charles Mechler Khadidja Meghoufi Cody Riley Melillo Christina Sue Mendicino Daniel Joseph Mendoza Luiz Augusto Mostardeiro Meneghim Ivan Orlando Mercado Keith Daniel Metcalf Denisse Juliet Michel Adam Saeed Midkiff Abbigail Jane Miles Brittlyn Lea Miller Ian Andrew Miller Kirby Faye Milner Walker Robert Mitchell Kristen Mittal Tyler Takeo Miyasaki Melissa Rose Modifer Joshua Aaron Moen Andre Joseph Monaco Jeremy Louis Mondragon Homero Gutierrez Montes, Jr. Linnette Montes Jesus Matias Montijo Gregory Robert Moon Chervl Elaine Moorcones Ashley Nicole Moore Christopher David Moore Colleen Moore Lisa Marie Moore Malibu Devin Moore Patrick Wallace Moore Travis David Moore Mariela Lopez Mora Victor Anthony Mora Jordan Anthony Morales Michael Joseph Morales Monica Elizabeth Morales Yessica Yasmin Morales Kimber Lynn Moreno Brady Will Morgan Cheryl Amanda Moriel Jessica Megan Morrison Cali Rae Morrow Kelsie Lynn Morrow Anthony Joseph Morse Levi Garrett Phillips Morton Brianna Kathleen Most Jennifer Michelle Motherwell Alia Nur Mougharbel Mourissa Lerae Mullen Richard Gene Mulvihill

Michael James Munger Amanda Kathleen Munion Tasnia Sultana Munir Kendra Niquelle Munns Alexander Reed Munoz Jessica Irene Munoz Timothy Alexander Munsil Meerna Muradvich Ali Muridi Daniel Jordan Murphy Emily Ann Murphy Sean Taylor Murray Noraldin Raad Mustafa Thomas Joseph Myzia Majid Naderi Gina Maria Nasta Sebastian Alberto Navarro Matthew Arden Nay Garrett Albert Nebeker Harper Neidig Elizabeth Helen Neil-Caracciolo Kelsey Lynn Neverman Janessa Lynn Newby Brandon Lyle Nguyen Cathy Ngoc Yen Nguyen Cyril Duy Nguyen Duke Duc Nguyen Geneva Trieu Nguyen Phong Thien Huynh Nguyen Vi Ngoc Nguyen Giuliana Lucia Nicosia Kassandra Nikkhah Michael Joseph Nisi Nicholas Sebastian Nociforo Soukaina Noor Lauren Holly Norcutt John William Norris Tyler Don Norris Daniel Joseph Nowland Rosalba Nungaray Alyssa Catherine Nusse Alyssa Gillian Oberman Kazuka Ochi Grant Kiyoshi Ogawa Allison Pearl Okurowski Julia Ann Olivas Kiri Anne Olsen Bryson Douglas Olson Brittany Ann Onder Katelyn Orong Nathan Eli Orta Marco Aurelio Ortega Kelsee Anne Orth Jessica Osaben McKenna Colleen Osborne

Shannon Marie Osgood Caitlin Anne Ostrander Akane Ota Chelsea Araxi Ovanessian Adrianna Jean Ovnicek Sheri Lynn Oyler Francis Patricia Pacaja Daniel George Pacconi Nora Jayne Padison Joseph Byron Pansius Lauryn Jade Paras Samuel David Pareti Alissa M. Parise Kara Renee Partridge Rochelle Paguyo Pascual Jessica Marchand Passerby Mishal Prakash Patel Sharath Patil Stefany Rae Patrick Colton Anthony Paul Andrew Craig Paulus Todd Anderson Pelech Kori Lynn Pelosi Mackenzie Jo Pena Daniel Alves Penaherrera Yue Peng Lauren Nicole Penland Suzanne Catherine Peralta Marcello Christopher Pereira Joshua David Perkins Blayne Nicolette Perrine Alicia Nycole Perry Blake Andrew Perry Ashley Mett Peterson Francis John Petty Thompson Pham Tuan A. Phan Stephen Norris Phelps Janeen Rae Phillips Trevor Charles Pickrell Ryan Montgomery Pierce Giovanni Jourdain Pieve Tiffany Alexandria Pifher Shelby Jeanette Pine James Vincent Pittaro, Jr. Joshua E. Pittman Arianna Pizzino Gavin R. Plooster Alexander Kevin Plum Zachary Michael Plumley Vanessa Lynne Pohl Morgan Elizabeth Poindexter David Benjamin Pollack Trenton Todd Pollev Frank Nicholas Poon Jessica Teilor Popowcer

Brandt Alden Porter Adriana Post Alexandra Tocmo Pozon Guadalupe Preciado Jorge Prieto Mary Elizabeth Pritchard Elizabeth Christine Pucci Andrew Steven Pulli Shellee Anne Lusung Quaglia Stuart Qualls Luis Fernando Quezada Christopher Andrew Quincy Christiane Dan Paulino Ouintans Joshua Steven Quisenberry Erin Lynn Raczkowski Zachary Michael Radford Josef Krishna Rahaman Ana Karina Ramirez Deanna Marie Ramirez Ivan Ramirez Victor L. Ramos Austin Calvert Randall Jefferv Scott Randall Josh Blake Hobie Ransom Dylan James Rasmussen Hans Guntar Roman Rasmusson Julian Michelle Rast Naga Vamsi Ravaprolu Timothy Allison Read Paula Danielle Real Natasha Nicole Reeves Kyle McClure Reilly Alyssa Brooke Rekart Hugo Alberto Rendon Dustin Andrew Renoth Weston David Maclean Ress Yazmin Lizeth Reyes Jennifer N. Reynolds Kristen Renee Reynolds Carolvn Sarah-Anne Rice Anne Elizabeth Richards Sydney Erica Richards Tanner Jeffery Richards Angelo Dimitri Richardson Briana Reed Richardson Geoffrey Lynn Riggs, Jr. Jamie Lynn Riggs Alyssa Liane Riley Ryan David Riley Joshua Aryeh Rinde Meaghan Kathleen Riordan Maxx Ristow Ristow Evelvn Rivera KaSandra Lee Rivera

Jose Antonio Rizo Daniel Robert Robb Zachary Michael Robbins Mitchell Edward Robelotto John Roberts Colton Wilson Robertson Mara Bess Robinson Avery Joan Robrock Abby Rose Rodgers Kimberly Jean Rodhouse Alecia Marie Roeber Kylee Lauren Roff Cameron Ace Rogers Erik Randall Rohner Jonathan Quinton Romain Antony Romero Guadalupe Romero David Michael Roppel Michael Anthony Rosauri Theophano Lykos Rozan Albert Matthew Ruiz Ariadna Fabiola Ruiz Thomas Scott Rullestad Nina Mary Rutigliano Noah Macneal Sacks Lorin Leigh Saenz Yasser A. Salah Marguerite Rose Salajko Sabrina Jaclyn Salamone Leonel Salazar Gabriella Alexandria Saldivar Brian Jospeh Salerno Brandi Ann Samaniego Maya Marie Samuel Alejandra Sanchez Colton Richard Sanchez Guillermo Christian Sanchez Nicole Heather Sands Grace Cecilia Santos Orlando Kim Santos Mervin Wade Sarchet II Amber Nicole Saunders Oscar Ricardo Saylor Jonathan Mcvicker Scanlin Trevor Ryan Scheid Jessica Anderson Schilt Hannah Leigh Schober Melissa Schultz Payton Brie Schutte Regina C. Scott Nicholas Patrick Scovel Jason Carl Scribner Martika A. Seamon Kelsey Mckenzie Sederstrom David Sedlacek Dylan James Seeman

Jacob Harris Seemann Andrea Gabriela Segerstrom Soulie Anahi Segovia Patrick Robert Seip Paul Selegue Ethan Scott Selin Zachary Christopher Serslev Jamie Samuel Shaffer Sarah Ann Shaver Ashley Renee Shearer Warren Scott Shearman, Jr. Amber Marie Sheets Ryan Matthew Shindler Sunny Elizabeth Shipley Charles Shugert Alessandra Lorene Sica Breona Kayleen Sigel Gregory Jared Simoncic Alyssa Gabrielle Sims Natasha Kaye Sinchuk Samantha Sue Singh Saloni Agarwal Sinha Jacob Matthew Skinner Evan Ian Slade Natasha Maria Slomczewski Sarah Rose Small Amanda Louise Smallwood Emi Eileen Smith Emily Michelle Smith Hunter Christian Smith Jaclyn Michelle Smith Kyle Robert Smith Marc Christian Smith McKayla L. Smith Michael Prescott Smith Taylor Shea Smothermon Kyle Patrick Smyrski Lauren Nicole Snyder Sophea Veronica Soeun Boo Khay Soh Cristina Solis Eric Andrew Soriano Apichai Sotiwong Britney Southers Lindsey Marie Soward William George Sowards Rebecca Elizabeth Speck Brandon Jarod Spence Sara Adele Spencer Ashley Lynn Sperry Matthew Gary Spulak Jordan Alexander Spurlin Brooklin Nicole Spychalski Vincent Thomas Stack Andrew Earl Stapleton Nicole Brittany Stein

Katelyn Marie Steinken Canyon Moon Stewart Jake Louis Stiak Ryan James Stoltzmann Christopher L. Stovall Skylar Dey Sularz Anthony Ray Surratt Jade Eric Swanson Katrece Noel Swenson Megan Joan Taber Kiana Taie-Tehrani Regina Lee Talavera Amanda Renee Talbott Prajwal Tamang Bill Xue-Min Tan Tyler Joseph Tang Marsha Tanner Geovvanah Michelle Tanori Kevin Huang Tao Christen Alexandria Tave Holly Catherine Tavera Alexandra Michele Taylor Leonard Lamar Taylor, Jr. Olivia Renee Tavlor Minkeale Afewerki Tedla Adrienne Nahyr Teran Alayna Franci Terrell Raquel Terriquez Sean Lohman Thompson Katarina Ana Thorlin Travis John Thornton Blake Axel Thurston Brice Michael Thurston Katherine Jean Timpani Robert Tinta Alexandra Elisabeth Toenniges Megan Acacia Tomakin Dmitra Rachel Tomasek Troy Edward Tompkins Brett Robert Toronto Vincent Michael Torres Winnie Tran Alexandra Marie Treinen Kasey Marie Trout Christina Marie Truiillo Heather Lea Tucker Connor Stephenson Udasco Michelle Majerle Unruh Malissa Joann Utter Christina Marie Uva Patrick N. Valandra Benette Valdillez Jordan Taylor Valocchi Chase Loren Van Sickle Alexandria Rose VanderLinde Sophia Huang Vanhkham Anne Therese Vasquez Valeria Vasquez Casey James Vaughan Morgan Bronte Vaughn Rebecca Lee Veerman Kaitlyn Paige Venberg Madeleine Venegas Andrew Joseph Verbin Priyam Verma Taylor Alina Vermey Eric A. Verska Zachary Taylor Vessels Eve Rene Malia Victor Alfredo Vidal Michael Geoffrey Volk Corey Robert Vorsanger Marshall Ross Vosler Jeffrey Khoa Vu Seth Walker Lindsay Jo Walsh Kaily Ann Walters Jingjing Wang Rvan Peter Wanta Andrew Joseph Ward Luke Andrew Wargo Nader Warrayat Melinda Marie Watts Michael John Watts Brooke Taylor Weathersby Ashley Webb Claire Janene Webb Nick P. Webb

Thomas Aryton Webb-Sandoval Ashlev Leah Webber Saeed Wehelie Julianne Elen Weinberg Samuel Henry Weinstein Nina Elizabeth Weis Shaina Leigh Welch James Brant Werra Cody Forrest West Daniel Oliver West Holly Elizabeth West Chloe Grace Westlund Steven Ross Whitbeck Craig Thomas Whitmore Savannah Morgan Whitson Gianna Marie Wiggins Jack Douglas Wight Elizabeth Ann Williams Karissa Nicole Williams Michael Warren Williams Samantha Rose Williams Samuel R. Williams LeAnne Marie Willittes Ashley Ann Wilson Kevin M. Winarta Bethany Lynn Winterstein Sarah Elizabeth Wist Meredith Diana Witthar Molly Michelle Wohltman Amy Melinda Wong Lauren Alaine Wong Krystin Marie Wood

Cody Ryan Woodruff Miriam Arna Woolley Adrian Laurie Work Carolyn Paige Worthington Logan Hugh Wray Joel Greig Wright, Jr. Kayla Lauren Wright Natalie Susanne Wright Brian James Wyatt John Thomas Wylie IV Wentao Xu Xingyuan Xu Xinyi Xu Helen Hisako Yamato Mu Yao Claire Elizabeth Young Trevor Cole Young Seyedeh Sara Alavi Zadeh Christina Ray Zamorano Francesca Marie Zanzucchi Taylor Nicole Zeblev Olivia Zelaya Gabriel Fernando Zepeda Xiaohang Zhang Boning Zhao Yi Zhao Yongshi Zhao Huan Zhou Melissa Ann Zimmermann Xiaotian Zou Kayra Zsiga Deidre Lynn Zuniga Anna Elizabeth Zwergel

CONFERRING OF BACHELOR DEGREES

COLLEGE OF HEALTH SOLUTIONS (Established 2012)

> KEITH LINDOR, MD Executive Vice Provost & Dean

VICTOR TRASTEK, MD Special Advisor to the Executive Vice Provost & Dean

JULIE LISS, PHD Associate Dean, Academic Affairs & Professor Department of Speech & Hearing Science

STEVEN HOOKER, PHD Associate Dean, Research & Professor School of Nutrition & Health Promotion

GLEN NELSON, PHD Associate Dean, Business & Strategic Finance

ALISON C. ESSARY, DHSC, PA-C Director of Student Affairs & Associate Professor

LINDA VAUGHAN, PHD Director & Professor, School of Nutrition and Health Promotion

BARBARA AINSWORTH, PHD Associate Director & Regents Professor, School of Nutrition & Health Promotion

CAROL JOHNSTON, PHD Associate Director & Professor, School of Nutrition & Health Promotion

> NATALIA WILSON, MD Associate Director & Research Assistant Professor School for the Science of Health Care Delivery Academic Program Director, Medical Studies

NANCY SCHERER, PHD Chair & Professor, Department of Speech & Hearing Science

GEORGE RUNGER, PHD Director, International School of Biomedical Diagnostics Chair & Professor, Department of Biomedical Informatics COLLEEN CORDES, PHD Director & Clinical Associate Professor, Doctor of Behavioral Health Program

COLLEGE OF HEALTH SOLUTIONS CONVOCATION

2:00 p.m., Friday, May 15, 2015 Wells Fargo Arena, ASU Tempe Campus

PROCESSIONAL

Gonfalon — Ailan Liang College of Health Solutions' Administration and Faculty

ASU Army ROTC Color Guard

THE NATIONAL ANTHEM

"The Star Spangled Banner" — Francis Scott Key Vocals sung by Ms. Vanessa Naghdi, graduate student, Music Theater/Opera Performance

WELCOME & GREETINGS

Julie Liss, PhD Associate Dean & Professor, Department of Speech & Hearing Science

EXECUTIVE VICE PROVOST & DEAN'S REMARKS

Keith Lindor, MD Executive Vice Provost and Dean

KEYNOTE SPEAKER John Swagert, MD & CEO, Mountain Park Health Center

COLLEGE OF HEALTH SOLUTIONS' VIDEO MONTAGE

Introduced by Julie Liss, PhD Associate Dean & Professor, Department of Speech & Hearing Science

AWARDS & RECOGNITIONS

PRESENTATION OF GRADUATES

READERS Donna Cataldo, PhD Clinical Associate Professor of Kinesiology

> Kristin Hoffner, MS Senior Lecturer in Kinesiology

Peter A. Lafford, PhD Associate Research Professional, University Technology Office

Helene Ossipov, PhD Associate Professor of French, School of International Letters and Cultures

INTRODUCTION OF GRADUATES

DOCTORAL CANDIDATES:

Behavioral Health Speech & Hearing Science Audiology Biomedical Informatics Physical Activity, Nutrition & Wellness Kinesiology

MASTERS CANDIDATES: Communication Disorders Biomedical Informatics 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 Health Sciences Medical Laboratory Sciences Health Education & Health Promotion Exercise Science & Health Promotion Kinesiology

CLOSING REMARKS Julie Liss, PhD Associate Dean & Professor, Department of Speech & Hearing Science

ALMA MATER - ARIZONA STATE UNIVERSITY

Music and Words by *Ernest Hopkins* and *Miles Dresskell* Vocals sung by Ms. Vanessa Naghdi

RECESSIONAL

ABOUT THE COLLEGE OF HEALTH SOLUTIONS

Arizona State University established the College of Health Solutions (CHS) in May 2012 as part of its strategic initiative to build a new model for health education. The college has experienced rapid enrollment growth and developed a number of new degree programs to service its students' acute interests for opportunities in health education. The college is a dynamic, growing, interprofessional enterprise bringing together the social and natural sciences, and humanities in the name of health.

The multidisciplinary college includes the School of Nutrition and Health Promotion, School for the Science of Health Care Delivery, International School of Biomedical Diagnostics, Department of Biomedical Informatics, Department of Speech and Hearing Science, Medical Studies program and the Doctor of Behavioral Health program. The college collaborates with academic units across ASU's campuses including the College of Nursing & Health Innovation, the School of Biological and Health Systems Engineering, the School of Life Sciences, College of Public Service & Community Solutions and numerous research centers and programs, including the Center for Health Information and Research, the Health Care Delivery and Policy Program and the Healthcare Transformation Institute.

Working closely with faculty and leadership in the College of Nursing & Health Innovation (CONHI), CHS is a catalyst for partnerships across ASU's campuses, in Arizona, around the nation and around the world. Committed to improvements in health outcomes and expanding patient access to highly skilled, trained health professionals, CHS attracts dedicated students looking to make a difference in confronting the global health crisis on a variety of fronts.

Throughout each unit within CHS, students have access to top-tier faculty, research facilities, and opportunities for practical experiences working within a matrix of partner organizations to engage at-risk populations in health and behavioral change to improve the daily lives of men, women and children. As the vanguard of ASU's health and health education focus, CHS provides students with a breadth and depth of programs and connectivity with allied programs that cannot be found at other universities. More information can be found at chs.asu.edu.

ABOUT THE SCHOOL OF NUTRITION AND HEALTH PROMOTION

The School of Nutrition and Health Promotion (SNHP) offers students a range of academic programs and research opportunities spanning Nutrition, Exercise Science & Health Promotion, Kinesiology, Health Sciences, and Medical Laboratory Science. With state-of-the-art facilities – including the learning kitchen, Exercise Assessment and Movement Analysis lab, and campus garden – undergraduate and graduate students extend their learning outside of the classroom into original research impacting health outcomes on campus and in the community.

The school offers Baccalaureate degrees in Exercise Science & Health Promotion, Health Sciences, Kinesiology, Medical Laboratory Sciences, Health Education & Health Promotion, and Nutrition; Master's degrees in Exercise Science & Health Promotion, Clinical Exercise Physiology, Obesity Prevention & Management, and Nutrition; and PhDs in Physical Activity, Nutrition and Wellness and Kinesiology. More information can be found at snhp.asu.edu.

ABOUT THE SCHOOL FOR THE SCIENCE OF HEALTH CARE DELIVERY

The inaugural class in the School for the Science of Health Care Delivery (SHCD) enrolled in the fall of 2013 with pioneering curriculum for their master's program of study. The nationally recognized faculty, leading this innovative Master of Science (MS) program, engages students in rigorous curriculum exploring fundamental aspects of systems-design, leadership, health promotion, and diffusion of innovation to create the next generation of health leaders. In addition to their faculty mentor and teachers, students are engaging community health leaders from Arizona and around the nation as they work to address the complex issues of health care delivery. This past fall, additional degrees were launched in the School including baccalaureate degrees in the Science of Health Care Delivery and in Public Health. In addition, ASU now hosts two Master of Public Health programs offered by the University of Minnesota. More information can be found at chs.asu.edu/shcd.

ABOUT THE DEPARTMENT OF BIOMEDICAL INFORMATICS

The Department of Biomedical Informatics (BMI) fosters collaboration among academic researchers, clinical practitioners and regional health care providers to apply new developments in informatics theory to clinical practice.

BMI currently offers Master of Science (MS) and Doctor of Philosophy (PhD) degrees, with concentrations that include Bioinformatics, Clinical Informatics, Imaging, Knowledge Discovery, and Population Health. Partnerships with Mayo Clinic, Barrow Neurological Institute and Banner Health, among others, infuse the program with practical research mandates and clinical relevance that reinforce BMI's standard of excellence and leadership. In the past five years, BMI faculty have received more than \$13 million in research awards. In fall 2014, BMI began to offer a Baccalaureate degree. More information can be found at bmi.asu.edu.

ABOUT THE INTERNATIONAL SCHOOL OF BIOMEDICAL DIAGNOSTICS

The transatlantic International School of Biomedical Diagnostics launched in fall 2014 in collaboration with Dublin City University in Dublin, Ireland. The Master of Science in Biomedical Diagnostics is a one year, 30-credit degree program with shared curriculum and courses offered by both ASU and Dublin City University (DCU) in Dublin, Ireland. The program is delivered through a blended, global

classroom experience, focusing on the technology, science, business/legal, and application of diagnostics.

The program culminates in an applied project which students complete with industry and academic partners. Diagnostics influences every facet of health care including pharmaceutical and technology development, patient management, health care finance, and health care policy. Graduates from this program will be better prepared to transform health care.

ABOUT THE DEPARTMENT OF SPEECH AND HEARING SCIENCE

The Department of Speech and Hearing Science (SHS) joined the College of Health Solutions in the fall of 2013. The department continues to operate from the Tempe campus where it has had a long history of teaching and service. With national rankings in audiology (#17) and speech-language pathology (#21), SHS has led research innovation in both clinical and academic areas of health with \$25 million in research awards during the past five years. The department offers graduate and undergraduate degrees – BS, MS, AuD, and PhD.

Through its two on campus, non-profit clinics, members of the public and campus communities have access to high quality professional services for individuals of all ages, infants through senior citizens, with needs in communication and hearing improvement. The clinics also serve as training and research facilities for bachelor's, master's, and doctoral programs in audiology and speech-language pathology. More information can be found at shs.asu.edu.

ABOUT THE MEDICAL STUDIES PROGRAM

The Bachelor of Science in Medical Studies program provides students interested in health care and medicine with a well-rounded foundation in social sciences, humanities, interprofessionalism, and leadership, in addition to the basic health/ medical science prerequisites necessary for graduate programs in health care and medicine. The curriculum for this program has been designed to meet new MCAT requirements. Students that choose to major in Medical Studies will take advantage of: research or clinical internship, dedicated pre-health advising and a curriculum that emphasizes critical thinking skills and an analytical approach to problem solving and effective communication. More information can be found at https://chs.asu.edu/chs/bachelor-science-medical-studies.

ABOUT THE DOCTOR OF BEHAVIORAL HEALTH

The Doctor of Behavioral Health Program launched in 2009 as an applied, clinical doctorate with a focus on integrated primary behavioral health care. The vision

of the program has been to develop a workforce of leaders in the practice and management of integrated behavioral health care. Graduates understand how to deliver and/or implement evidence-based and efficient behavioral interventions designed to improve both clinical and cost outcomes. A key requirement for admission into the program is prior completion of a master's degree and a license to practice in health care.

Since 2009, the program continues to grow in size and recognition. Demand for admission from non-licensed clinicians led to the development of the Doctor of Behavioral Health (DBH) Management Track. Prospective students can now choose between the DBH Clinical or Management Track based on their background and interests. The DBH degree program prepares students with the medical literacy, evidence-based intervention, and business entrepreneurial skills to accomplish the triple aim of improving patient health care experiences, expanding reach to address population health issues, and reducing service delivery costs. Students in the program are trained to become health care leaders in primary care settings where they effectively address the changes occurring in an evolving health care marketplace through new integrated care models. The internship is designed to provide students with the experience of working on a multidisciplinary, integrated primary care team using central medical records, collaborating with other providers in treatment planning and interventions, and sharing the responsibility of improving outcomes. More information can be found at chs.asu.edu/dbh.

BACHELOR OF APPLIED SCIENCE

APPLIED SCIENCE (HEALTH SCIENCES) Meleyna Leilani Nomura Raye Ann Pine Ashly Maureen Rothrock APPLIED SCIENCE (MEDICAL LABORATORY SCIENCE)

Rosa Estela Aviles Michael Curtis Bowers Tesfaye Shiferaw Haile Kaitlyn Hoyt Lien Ngoc Le Flavia Noelia Pradolin Julian Michelle Rast Patti L. Senechal-Willis Regan Tozier Smith Carlee Janine Sounart Stephanie Kay Warren Albert B. Youhana

EXERCISE AND WELLNESS

Amr Ali Al-Sayyed Dante Jordan Alexander Jonathan James Allen Richelle Andrea Asa Patrick William Bailey Alvin Kennedy Baldwin II Megan Clare Begley

BACHELOR OF SCIENCE

Brad Nelson Bingham Joseph Bonacci Olivia Alexandra Brown Paul Wesley Budge, Jr. Joy Lynn Carver Andrew Hancock Cesarini, Jr. Derek Robert Champlin Andrea Lynn Curry Andrew Charles Daily Michael Paul Daneker Gianni Vincenzo Del Franco Donavin Joseph Dipietro Rick Richard Dyson Ryan Matthew Eckert Adriana Roseann Estrada Miguel Angel Favaro Alexander Jerrell Fitzpatrick Kristen Marie Franquist Marissa Michele Frey **Emily Bernice Fuentes** Mogos B. Gabre Robert Anthony Gambardella Xavier Rudy Garza Colter L. George Tanner Erik Greeley Anthony Eugene Grizzard II Zachary Alan Gulley Stephen Gary Gunnell Melina Nicole Harrington Ryan William Herson Joshua Luke Horner Nicholas James Howard Bianca Heredia Jauregui Ashley Nicole Jobst Michael Christopher Johnson Reannon Renee Jones Sean Michael Jung Emily Sarah Kastner Ciera Shadow Keeton Summer Lacie Kiss Jacob Darrald Klimoski Natalia Kusiak Michael Scott Lespron Andrew Michael Lewis Randy Max Lilly Kaeden Lyn Litchfield George Litorovich Scott Thomas Manecke Zachariah Jay Mcbride Steven Alexander Meyerhoff Ricardo Wayne Mitchell Jeremy Louis Mondragon Vincent Joseph Montalbano Celeste Monique Montgomery William Joseph Murray IV Trang T. Nguyen Jordan Nikolaus Derek Kensaku Nishikawa Luke Panusky Jake Charles Parker Trisha Anne Patel Ryan Alexander Peterson Adam Blaine Poltrock Thomas Alexander Puskarich Hans Guntar Roman Rasmusson

Justin Robert Ratkovich Margery Joyce Reynolds Timothy William Riebock Brandon Robert Rop Andrew Michael Saenz Kyle A. Sanders Sara Nichole Schmidt Aliza Navit Sirkin

Ashley Lynn Sperry Brent Corey Springer Ashley Nicole Stanek Jordan Andrew Thomas Luis Alejandro Torres Van-Anh Tran Christina Marie Trujillo Montana Rae Wangsness James Stephen Warnsby Megan Leone Waters Julianne Elen Weinberg Bradley Kent Wheeler Dannielle N. Whitcomb Elias Benjamin Wilhelm Cody Jefferson Williams Tara Marie Wright Tyler Kent Yahnke Devon Arielle Zajicek Vladimir Zovkic

EXERCISE AND WELLNESS (HEALTH PROMOTION)

Megan Rose Aldrich Lisa Ann Armendariz Marissa Elizabeth Starks Banh Chelsea Loren Bejines Isaiah Marquis Boyd Sean Michael Branscome Daniel Ray Deakins Melissa Jean Demarest Kellie Elizabeth Hintze Megan Elizabeth Jeffrey James Jordan Kline Dema Joceline Kordahi Tyler Paul Koressel Weston Maximilian Krauss Boyd Gordon Lanich III Ariana Rae Lohmann Tiffiny Michelle Maitland Anne Taylor Martin Sarah Ann Pakeltis Kara Renee Partridge John William Sanders Taylor Shaw

HEALTH SCIENCES (HEALTH POLICY)

Alaina Theresa Akiyama Taleah Rae Britsch Stacey Lynn Coffey Max J. Delia Giditu Iffa Diriba Lana Ghomrawi Najat I. Hamdan Stephanie Lynne Harding Lauren Michele Haupert Alyssa Carmen Holland Nathaniel Patrick Howard Kathleen M. Johnstonbaugh Nhu Chau Mac Lissete Martinez Jordan Anthony Morales Allison Victoria Nickolaou Christine C. F. Onstott Asha Lauryn Peters Jesus Antonio Quintero Michaela Elise Simon Ashley Anne Slaughter Cassandra Elisabeth Slowik Julieta Soto-Buelna Matthew Joseph Speer Kelsey Lee Starr Holly Catherine Tavera Jennifer Leigh Thoreson Marie Louise Thorsen Esther Valerio Julie H. Vo Jayme Lynn Wheeler Jazmin Janae Wise

HEALTH SCIENCES (HEALTHY LIFESTYLES COACHING)

Samantha Marie Alarid Tiffany Monique Allen Jessie Nicole Andreola Eveliz Baca Jessica Xiomara Barrios Latoyah Begay Candy Bello Helen Ilana Braunstein Kiera Nicole Carroll Jaynie Nicole Casserly Estefania Chavez Sophia Chen Megan Lindsey Churning Olivia Ann Clement Jodi Marie Copeland Donna Cotton Samantha Courrier Robin Ann Cronbaugh Allison Elizabeth Desrosiers Brendan William Dimitro Farahnas Safa Doost Kristin Taylor Dowd Ashleigh Shannon Dulman Chelsea Elizabeth Evans Zachary James Fischenich Amber Breana Freeman John Matthew Gaffney Vanessa Garcia

Sabrina Monique Gonzales Kori Lynn Holcomb Amanda Marie Huddleson Megan M. Jendrick Nathan A. Jendrick Olivia Noel Johnson Brianna Mone Jones Ashley Renee Jones-Wilkerson Marley Jahnee Ketring Michelle Kim Olivia Marie Mace Joshua Aaron Moen Caitlin Janae Moynihan Elizabeth Helen Neil-Caracciolo Rosalba Nungaray Rylee Nicholle O'Bryant Kelsee Anne Orth Joseline Mischa Patterson Mary Kathryn Pollock Shellee Anne Lusung **Ouaglia** Danielle Marie Rankine Jennifer Ann Ray Maya Marie Samuel Robert Santana Victor Alberto Santiago Jacqueline Santillan Orlando Kim Santos Jennifer Helen Siegel Kimberly Nichole Smith Tracey Marie Stolle Maleah Rose Terrill Rachel Brenda Treat Mercedes Elisa Valdez

HEALTH SCIENCES (PRE-PROFESSIONAL)

Marissa Christyne Vick

Nikita Morar Ahir Lauren Mckenzie Applegate Jeffrey David Atkins Evelyne Bankuwabo Christopher David Bean Antontrey Irmaico Begaye Justin Mark Bentley Jamie Lee Boma Jessica Ann Bordonaro Daniella Lee-Ann Caudle Renee Daniella Cotroneo Nickolas Paul De Leon Cody Alex Delvecchio Jason Douglas Dewitt Dana Chandell Douglass Benjamin Duncan

Tyler Dunn Timothy Richard Durr, Jr. Alexa Rae Emmons Amal Fakhouri Eddie Walid Fakhouri Cassandra Lela Farrand Sharona Feld Chalon Donay Forbes Kyra Rose Galanis Briana Marie Galati Matthew Joseph Gonzalez Varun Gregory Jessica Rae Greiner Samantha Joan Guercio Maria Elizabeth Hertzog Kayleen Anin Hilsenbeck Joann Osasuwmen Imasuen Forrest Lee Jenkins Kaitlyn Leann Jenkins Hawa Abdulrahman Kore Yasmeen Sam Kronz Sonia Jacob Kunthara Athena Cary Lovely Teresa M. Lupone Katelyn Nichole Mccollum Andrew Daniel McKee Jaiden Paige Mercer Julianne Elizabeth Miller Shannon O. Murphy Jocelvn Lucita Ore Denise Justine Iwatani Parel Mary Pleshtivev Vanessa Lynne Pohl Michael Reynolds Rabka Austin Calvert Randall Halev Nicole Rounsaville Breona Kayleen Sigel McKayla L. Smith Erin Irene Suchsland Ashley Rae Suiter Yan Yuryevich Suleymanov Anthony Ray Surratt Laila Bilgis Syed Margaret Nancy Tran

KINESIOLOGY

Brian Jeffrey Adams Christopher Anthony Aguirre Jordan Michelle Arvayo Zane Banschbach Kristen Leigh Bennett Ryan Patrick Bruhns Ashley Marie Bunting Chelsea Lynn Campbell Melissa Dawn Carey Amanda Eugenia Chee Katie Chung Megan Rey Cook Sydney Layne Czaus Stewart Ferreira Da Silva Emily Nicole Farber Bradley G. Florence Daniella Ashlyn Ford Alyssa Paige Galt Ryan James Garber Jesse Nathan Gibson Jessica Haley Hann James John Hardy Skye Eliza Harry Brittany Elyse Hodges Cayla Marie Jenkins Andrew Jimenez Melissa Nicole Jordan Melanie Ann Kahler Melissa Jane Koistinen Joshua Tavlor Kuntz Alexa Nicole LeMay Derrick Manson Marcus Daniel Martinez Eric Martinez-Gonzalez Marquis Dominique Mayberry Kelly J. McGee Shana Leah McGownd Kelsey LeAnn Millar Ali Zoroufchian Moghadam, Jr.

Valerie Christina Ngai Brandon Lyle Nguyen Carolina Alexandra Nick Alexander Joseph Nickolaou Eliza Armstrong Normen Daniel Joseph Nowland Kelsey Lynn Prehoda Kaitlyn Rose Sandifer Amber Melanie Sandoval-

Menendez Alexander Paul Schreck Jaclyn Marie Schroeder Eneida Agustin Shqalsi Richele Simone Shuler Zachary Colin Staudenmaier Katelyn Marie Steinken Melissa Kathleen Teifel Andrew Ngoc Tran Michelle Majerle Unruh Andrew David Vigotsky Dominique Noemi Villalba Samuel Henry Weinstein Megan Elizabeth Williams Janice W. Zwolinski

NUTRITION (DIETETICS)

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Cyril Duy Nguyen Katelyn Anne Nicolas Paula Danielle Real Sean Patrick Riordan Luis Alberto Rivero Julie Ann Salinas Brittany Ann Stark Minkeale Afewerki Tedla Jennifer Marie Tenison Jimmie Gregory Watkins Jeremy David Webb

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Guadalupe Romero	Payton Brie Schutte	Mikeeta Dee Villanueva
Peggy Rothenberger Theophano Lykos Rozan	Tracey Delores Sullivan Rachel Elaine Thomas	Kevin Alexander Young

COLLEGE OF LETTERS AND SCIENCES (Established 2015)

DUANE H. ROEN, PHD Dean, College of Letters and Sciences Dean, University College

ELAINE ACOSTA SWEET Assistant 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, Interdisciplinary and Liberal Studies

> BARBARA A. LAFFORD, PHD Faculty Head, Languages and Cultures

CHRIS A. MARTIN, PHD Faculty Head, Science and Mathematics

IAN FREDERICK MOULTON, PHD Faculty Head, Interdisciplinary Humanities and Communication

LISA SPANIERMAN, PHD Faculty Head, Counseling and Counseling Psychology

COLLEGE OF LETTERS AND SCIENCES CONVOCATION

Friday, May 15, 2015 9:00 a.m. Wells Fargo Arena ASU Tempe Campus

WELCOME Ian Frederick Moulton

CONVOCATION ADDRESS Duane H. Roen

PRESENTATION OF OUTSTANDING GRADUATE AWARD ASU Alumni Association

Wayne Stephenson Outstanding Undergraduate

Sarah Muench Outstanding Graduate

PRESENTATION OF GRADUATES Angela Clark-Oates James Wermers

> RECESSIONAL Phoenix Scottish Pipe Band

COLLEGE OF LETTERS AND SCIENCES

The College of Letters and Sciences 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 school 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 school serves the citizens of Arizona by offering a variety of outreach programs that engage people in cultural events and lifelong learning. The school 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.

COMMUNICATION

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HISTORY

Beverley Fido-Viveash

Mitchell Scott Mcleod Michael Albert Osborne Alexander Jaeyoung Yoo

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Erik Michael Gjertsen	Shaquielle ONeal Mckissic	Martin Alejandro Sanchez
Mitchell Adam Larmer	Robert Lynn McMullin	Josephine Tamba Woutou

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INTERDISCIPLINARY STUDIES

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Crystal Dawn Van Slyke Norma Washington Sean Garret Williams Armando Joseph Zepeda, Jr.

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APPLIED BIOLOGICAL SCIENCES

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Madelyn Ruth Homick Justin Michael Johns Dionna Lavonne Johnson Eric Jones Edward Myungsub Kim Leah Kim George Patrick Long Stephanie Lynne Manning Catherine Ann Martin Nora Ann Martin Trish Diane Martin Michelle Rene Mathews John Eric Mcguire, Jr. Steven Andrew McHenry Saman Mehrazar Douglas Tyler Milliron, Jr. Steven Kyle Nix Jessica Osaben Valerie Ann Ower Elizabeth Wrenn Patterson Mallory Paige Powers Patrick Michael Prendergast Elizabeth Christine Pucci

Wilmer Ramirez Davin Anthony Reyes Wes Douglas Richardson Kiel Scott Roling Darryl Dean Sam Dion Sanchez Traci Dyan Serrano Matthew Abraham Shahin John Shin Naveen Solaiman Catherine Louise Spillman Travis Louis Stanfield, Sr. Laurissa Elice Stephenson Nicholas Stephen Summers William Jon Tearney, Jr. Abbey Marie Villwock Melissa Linnette Vonsydow Genessa Rose White Cynthia Marie Wrasidlo Ashley Lynn Yohn Ivan James You Zahiyeh Zalan

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APPLIED BIOLOGICAL SCIENCES (SUSTAINABLE HORTICULTURE) Abelardo Casillas III Keegan Charles Leary Rigoberto Polanco

TECHNICAL COMMUNICATION Alfredo T. Arzubiaga Maximillian Emerson Buckland Stacey G. Lorton Kayla Illene Marsden Catherine Ann Martin Alicia Denise McDaniel Sheri Lynn Oyler Krysta Nicole Paffrath Phillip Rex Sabin Andrea Jeanne Shacklett Megan Chassidy Sparks Constance Joy Thaete

COLLEGE OF LIBERAL ARTS AND SCIENCES (Established 1953)

PATRICK J. KENNEY, PHD University Vice Provost, Dean of the College of Liberal Arts and Sciences

> FERRAN GARCIA-PICHEL, PHD Dean of Natural Sciences

> > GEORGE JUSTICE, PHD Dean of Humanities

KIM FRIDKIN, PHD Interim Dean of Social Sciences

DEBORAH CLARKE, PHD Associate Dean for Academic Services

KENRO KUSUMI, PHD Associate Dean for Graduate Programs

> CHERYL CONRAD, PHD Associate Dean for Facilities

MARTIN WOJCIECHOWSKI, PHD Associate Dean for Research

PAUL LEPORE, PHD Associate Dean for Student and Academic Programs

TERESA BALES Assistant Dean for Budget and Financial Services

COLLEGE OF LIBERAL ARTS AND SCIENCES CONVOCATION

Tuesday May 12, 2015 Maroon Ceremony 2:00 p.m. | Gold Ceremony 7:00 p.m. Wells Fargo Arena ASU Tempe Campus

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 University Vice Provost and 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

COLLEGE OF LIBERAL ARTS AND SCIENCES

Serving as the intellectual heart of this vibrant university, the College of Liberal Arts and Sciences is engaged in redefining what is expected of the well-educated person of the 21st century. Creatively synthesizing teaching, research and scholarship that span the humanities, social sciences, natural sciences and life sciences, CLAS offers a challenging environment of learning and discovery in which students and faculty aspire to personal achievement and collaborative problem-solving.

The College of Liberal Arts and Sciences, the largest at ASU, is structured to help students identify and focus their dreams and aspirations. The college is in actuality many communities within communities where students meet peers and faculty who share their interests and passions through a rich diversity of schools, departments, majors, programs, institutes, centers, laboratories, clubs and organizations.

Faculty members in the college are committed to providing each of our students with the best education that we can, recognizing that the pace and complexity of the modern world will ask successful citizens and leaders to reinvent themselves time and again. Any institution of higher learning can train a student for a first job. Our goal is to equip our students with knowledge and skills for a lifetime of success. Although we are continually innovating and adapting as a college, the liberal arts remain the best foundation for successful careers and deeply rewarding personal and professional lives.

The College of Liberal Arts and Sciences-Transforming learning, discovery and 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

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ASIAN LANGUAGES – JAPANESE

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ENGLISH

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Susanne Kay Laurita Evan Damon Lopez Craig Maddux Erin K. McBride Courtney Paige Mchenry Daniel Martin Oberhaus Sophie Aurelia Opich Caitlyn Suzanne Remington Richard Carlos Reneer, Jr. Angelita Chantelle Reyes Josefa Alexandra Rodriguez Angela V. Saenz Elizabeth Sheets Alexandra Michele Taylor Blake Axel Thurston Robert Charles Austin Tucker Laura Marie Van Slyke June Yoon

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Brandon Joseph Deasey Emily Lauren Doan Brittany Patricia Eckler Austin Emily Edwards Krystal M. Enas Jonelle M. Farr Brett Andrew Fischer **Emily Anne Fritcke** Erin S. Froncek Alexandria Nicole Frost Alec Robert Gebhart Oscar Halberto Griffin Heather Symone Grimes Brittany Lynn Groome Elisa A. Guzzardi April Nicole Hanks Michael Edward Hardin, Jr. Rachel Heeter Kelsey Lorene Heras Kayla Veronica Hernandez Patricia Ellen Hester Whitney Taylor Howson Heath Allen Hunt Eric Daniel Jeffrev Megan Ann Keitel Darrell R. King, Jr. Mary Francis Kupsch Brandon Edward Kutzler Philip Andrew Lamaster Rachael Lawless Chelsea Lynn Lothrop Jade Elizabeth Lougee Emily Elizabeth Macrane Monica Alejandra Mancillas Kelsy Leigh Martinez Taylor Noelle Meyer Elizabeth Ann Monnig Brian Macgyver Moreland Jerasimos Theodore Moschonas

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Bryan Michael Bushwood

Hosu Chang Tara Lynn Christian Rori Anders Comiskey Zachary N. Cuddy Lena Rose Damelio Adam Zachary Dancil Brian Thomas Desantis Michael Anthony Embry Andrea Escobar Benjamin S. Fishleder Eric Matthew Forthun Khalid Delaine Francis Emily Anne Fritcke Shelby Nicole Fulton Marlon Gastelum Rebecca Lynne Gavin Cynthia Ann Griffith Jeffrey Thomas Habgood Jarod Marshall Haupt Damon Dexter Henderson Theodore Perry Horton-Billard III Devon Clark Churchill Ironside Kayleigh Elizabeth Kress Ashlee Nicole Kvamvold Gretchen J. Lamborn Amanda Lynn Lepore Christian Jonathan-Russell Madrid Karen Joy Marrufo Corrie Blyth Martinez-Howard Matthew David McDonough Clayton Ross McDougall Joseph Edward Mcmanis Edwin Jairaj Mehta Anthony Robert Michel Elizabeth Ann Monnig Ivan Monroy Victor Anthony Mora Thomas Scott Nadel Charlie Ng III Matthew Steven Olague Kirk E. Olson Brittany Ann Onder Monica Lila Ounvong Robert Pavlovic David Wesley Paxman Angelica Pelagio Lauren Nicole Penland Leah M. Rajvong Kalissa Genevieve Reins Daniel Robert Robb Daniel Thomas Roberts

Cristian Quinones Rodriguez Elijose Rodriguez Kristen Leigh Rund James Edwin Rvan Nicholas Patrick Scovel Adam Christopher Shelton Lee Simoes **Emily Michelle Smith** Mark Adam Smith Aidan Bruce Solsten Ahmed Khaled Soussi Diana E. Taylor Audrey June Trauntvein Robert Charles Austin Tucker Roberto Villa Travis Nathaniel Wahl Allison Wallace Michael Kirk Weaver Zachary Nicholas Wellman Robert Benton Willcutt Robert Wayne Wilson Evelyn Wai Fu Yeung

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ITALIAN

Morgan Emily Brownlee Joshua Nasche Inocencio

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PHYSICS

Sarah Marie Burkhart Francesco Luigi Ruta

POLITICAL SCIENCE

Jenny Lynn Adams Jared Patrick Ahern Zachary Thomas Airington Saoud Abdulla R A Al-Kuwari Najlaa Yousef M H Al-Mulla Fasial Saeed A S Al-Subaey Mohammed Nasser Al-Thani Myriam Valdez Amaya Terence John Armengau Stephanie Faye Assi Virginia Ruth Bahs Maximillian Cabrera Barrezueta Linnea Christine Bennett Peter Alajos Berger Kathryn Joy Binkley Courtney Alexandra Bogardus Courtney Marie Brown Kenneth R. Bull, Jr. Miranda Lynn Calamity Tania Frances Cohen Andrew Gregory Coleman Austin C. Cromack Allaura June Dabbene Whitney Katherine Diem Naimah Janan Duporte Michael Jav Einstein Victoria Michelle Fernandez Anthony Frank Gennario Caden Brooks Gillespie Dolores Megan Gongora Rosario Estephania Gonzalez Nathan Scot Leon Guerrero Alec N. Guthrie Mayra Alejandra Gutierrez Jonathan Douglas Cullen Hall Peyton Nicole Healy Paul Arthur Higgins Alexis Marie Horn Brad Mikal Jacobs Samantha Hope Jaskolski Seema Kassab Courtney Nicole Kelley Jennifer Alexandra Lloyd Natalie Elizabeth Maas Emily Ann Marsh Badeir Waleed J W Masoud Raul Jimenez Massie Taylor Bradley Mcbride Caleb Shelley McKay Imelda Mejia Jordan Eliza Mever Alana Lee Newman Rachel Lindsav Olsen Daniel George Orr Nicholas John Overlock Harry Olenda Peagler, Jr. Lauren Nicole Penland Sheldon T. Potesak Amanda Catherine Prahl Andrew Bans Raj Teena Rey Ramirez

Christopher Rey Rasmussen Taylor Nicole Renfro Carlos Blandon Rico Derrik Connor Rochwalik Noah Macneal Sacks Marcela Elizabeth Saenz Leonel Salazar Leah Christine Scaduto Adam Christopher Shelton John Brady Skidmore Jon Thomas Smith William Alexander Smith Rachel Claire Snyder Sarah Stradling Paloma Maria Teran Yonit Upart Gilbert Rene Uriarte Luciana A. Valdez Christiaan Cornelis Van Gijlswijk Lucrecia Olivia Nineth Hernandez Vasquez Andrew Joseph Ward Chloe Grace Westlund Marina White Robert Wayne Wilson Jon Wessley Woodmansee Emily Louise Wren

PSYCHOLOGY

Albertina O. Abouchar Zachary Thomas Airington Dylan Jane Aller Jared Gregory Allison Mercy Joy Amankwe Alejandra Astiazaran Traci Kathleen Ayub Amanda Marie Baker Jordan Thomas Bates Karina J. Bendle Melissa Francesca Bevilacqua Maria Christine Blair Yudith Rubi Bujanda Makenzie Dawn Burris Robert Allan Camacho Diana Isabel Chavez Elizabeth Alice Cole Olivia Katherine Cooke Raquel Sandate Craney Briana Lynn Damilini Melissa Ivette Delgado Michael Alexander Della Maggiore Natalie Ruth Denomme

Whitney Katherine Diem Brandon Price Duncan Jenna Christine Eccles Chace Anderson Eskam Carmen Rico Estep Caitlind Stormy Fenimore Michelle Sue Fifield Nicholas Andrew Fraga William Cody Frommling Gaetan Gabor Candelaria Garcia Perla Garcia Taylor Ryoko Gee Heather Leigh Gerry Alexis Taylor Gibson Thomas Andrew Gillies Kelsey Marie Glavee Tyler Eric Greenwood Kassandra Denyce Guerrero Brooke Mauresa Hanley Nadina Hedzic Kellie Elizabeth Hintze Steven Matthew Hobaica Heath Allen Hunt Heather Morgan James Laura Ashley Jarman Lindsay Marie Kelley Lauren Marie Kenney Ahmed Mohsen Khalil Helen Kim Allison Beatrice Knight Christina Louise Kotoske Kyle Francis Kowalski Marysa Jo Marguerite Krueger Danica Eileen Kugler Elizabeth Frances Kusch Jacina Jaelynn Laney Vanessa Lara Amber E. Leverette Kelly Marie Loehnis Alyssa Chantel Lorenzo Stephanie Louie Tawny Belle Manning Ian Gregory Marcellino Oscar Leonel Solis Marquez Alexus Flavia Martinez Monica Jazmin Martinez Andrew William McBride Courtney Dawn McMinn Mia Medina Kayla Lorrie-Lee Messinger Stephanie Alisha Miles

James Michael Miller II Lisa Marie Moore Brennan Scott Murray Thomas Scott Nadel Janessa Lynn Newby Alicia Michelle Olivas Rachel Lindsav Olsen McKenna Colleen Osborne Maggie Elizabeth Otlewski Nora Jayne Padison Kirsten Claire Pekar Blayne Nicolette Perrine David Benjamin Pollack Elizabeth Jo Purnell Ashley Ramirez Itzianayeli Ramirez Ashley Clarice Rausch Courtney Lynn Reed Geoffrey Lynn Riggs, Jr. Emily Marie Riordan Alexandria Rivera Wendy Sanchez Rodriguez Rachael Anne Sabers Dylan James Seeman Mitchelle Helen Leanne Seymore David Bradley Shandera Surbhi Sharma Nathanael Paul Shermett Samantha Renee Shinn Christine Nicole Simons Brittny Nicole Sinclair Colin Andrew Smith Anabel Solis Ashley Lynn Spangler Mariya Stefanova Spirieva Dani Rae Suiter Skylar Dey Sularz Colleen Rebekah Sullivan Geovvanah Michelle Tanori Elizabeth Reagan Tidwell Charlene Ann Uzzanti Brianna Elizabeth Valenzuela Francesco G. Walla Olivia Michelle Warner Rebecca Lvnn Watson Ashanti E. Webster Karissa Nicole Williams McKella Bryn Williams Cierra Marie Wilson

RELIGIOUS STUDIES Moira Elizabeth Arjani Gabriel Ato Hosu Chang Hunter Bronson Cowley Nemo Nephi Farr Angela Nicole Hernandez Christina Renee Hull Lucia Francesca Loroña Anders Erik Lundin Daniel Thomas Roberts Julia Kalila Wristen

RUSSIAN

Katherine Charlotte Cain Kathleen Mary Derrig Jared Steven Nicodemus David Sedlacek

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TRANSBORDER CHICANA/O AND LATINA/O STUDIES (U.S. AND MEXICAN REGIONAL IMMIGRATION POLICY AND ECONOMY)

Christina Paulette Banuelos Tate Nalani Desper Kevin Partida Esther Valerio TRANSBORDER CHICANA/O AND LATINA/O STUDIES (MEDIA AND EXPRESSIVE CULTURE) Alexandra Benita Portillos Lilibeth Santiago

WOMEN AND GENDER STUDIES Kathryn Joy Binkley Kaylee Marie Buchholtz Gilbert Romero Samantha Nicole Sidoti

BACHELOR OF SCIENCE

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BIOCHEMISTRY

ACTUARIAL SCIENCE Jeffrey David Durham

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ANTHROPOLOGY

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APPLIED MATHEMATICS FOR THE LIFE AND SOCIAL SCIENCES Joshua Anthony Ciotti Megan Grace Crepeau Chase David Farnsworth

Jason Patrick Albright Denysia Monique Allen Mariacristina Mercedes Diaz Aranibar Michelle Marie Arnold Lynn Noel Bertagnolli Tannaz Besharatian Scott Cameron Brovarney Andrew David Buck Brandy Ann Buck Matthew Joseph Calhoun Julia Claire Cambron Tavlor Marie Camiliere Elizabeth C. Chamberlain Elizabeth F. Cornell Devin Connell Corrigan Kevin James Creech James Philip Cruz Lelan Diep Dao Paige Elizabeth Davis Kevin Nathaniel Day Blake Edward Dirks Ryan Anthony Dries Kevin Ulises Duque-Diaz Maximillian Ashur Edwards Taylor Rae Eno Alison Dawn Evans Amy Rose Fairbanks John Christopher-Ross Fedo Timothy Steven Fierro Mariana Annette Ferrer Fuenmayor Joseph Fernando Garcia, Jr. James Edward Geiger Aajza Toviien Gonzalez Tanner Goodman Edison Zhenpeng Guan

Melynn Louise Hagan Jessica Havejoe Han Alex Jay Hauptli Justin Michael Havden Cole Vincent Maher Helsell Carlo Andreas Hernandez Han Thuy Hoac Tkya Sue Hoerr Meghan Elizabeth Hoogervorst Shelby Lynn Howell Michael Pescatore Jacobson Wayne Mathew Jepsen Kristin Ashley Johnson Bhumit Kiritkumar Kalavadiya Long Thanh Le Alisa Yulim Lee Rebecca Marie Livingston Viviana Oyuky Lopez Xingyun Lu Michael Calvin Luu Madeeha Maqsood Sara Ann Mata Jazmine D. Mayberry-Lewis Shahrzad none Mazoury Cailen Marie Mccloskey Mary Kate Mckellar Keifer Hugh McKenna Savanah Dior Mcmahon Justin Thomas McNell Khadidja Meghoufi Alexander Michael Ryan William Middleton Evelyn Monica Miranda Daniel Jordan Murphy Travis David Murrell Geneva Trieu Nguyen Thanh Vu Nguyen Scott Andrew Nowlin Oluwadamilola Elizabeth **Ode-Martins**

Kiri Anne Olsen Bryson Douglas Olson Sterling Van Ortega Jacob Paul Parafiniuk Dixit Patel Justin Hemant Patel Fletcher Scott Peavy Thompson Pham Joshua E. Pittman Nicole Denise Powell Jeffrey Stephen Quick Zachary Michael Radford Ashur Scott Rael Rohit Subramaniam Rajan Ana Karina Ramirez Colton William Rasen Tyler John Ray Dana Lyn Replogle Brianna Lynn Revard John Victor Rice Anne Elizabeth Richards Leah Cheri Richards Mark Charles Roy Karina Isabel Ruiz De Diaz Margarita Sadova Michael Eric Seth Tirth J. Shah Olivia Patricia Sherwood Anaveli Hernandez Sierras Saloni Agarwal Sinha Eric Lynn Smith Daniel Bryan St. Germain Brian Patrick Sullivan Tiffany Michelle Tang Peter Touresian Dan Ng Minh Tran Y. Nhu Tran Daniel Trif Kelli Lauren Trimble Madison Taylor Turner Cameron Nicholas Turro Kendall Rae Valsvik Daisy Janette Villalobos Dustin Keith Weigele Dana Marie Woell Isaac Kleinman Wright Justin Lee Zeien Fengling Zhan Kathie Q. Zhang Connie Wanda Zuo

BIOCHEMISTRY (MEDICINAL CHEMISTRY) David Belohlavek Nicholas James Carpaneto Justin Cheung Caroline Marie Clark Elyse Lynnette Conley Dillon Lee Dugan Ashley Elizabeth Hunt Patrick Ian Kelly Jacob Ghai Leek Allyson Rebecca May Ryan Merkley Ryan Muller Phong Thien Huynh Nguyen Dawn Beth O'Brien Eli Peremislov Tam Le Thanh Thach Laura Renee Tichacek Kirstin Casey Ward

BIOLOGICAL SCIENCES

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Alicia Renee Dowdell Mark Anthony Egidi Jaye Frances Palma Espinas Saghar Fahandej Kaci Lynn Fankhauser Sachia Fernandes Chase Matthew Fitzgerald Trevor Patrick Fox Dasia Rae Garcia Cody Thomas Gaupel Jourdan Daniel Gilson Joseph Michael Gonzales Ryan Guthrie Brian Johnathan Gutierrez Arsalan Hanif Karen Hatten Justin Adam Chandler Havriliak Mackenzie Dawn Helland Evan Lee Hendriks Ventura Aleiandro Hernandez Shaghayegh Mohebbi Hesari Katherina Louise Heusel Chelsea Nicole Hinkson Kate Aubern Taylor Hoefke Cassandra Lynn Hoffarth Theresa J. Hogenson Evan Scott Hook Yun-Pei Hsieh Jared Scott Hunemuller Brent Douglas Hunsaker Chloe Lynn Huper-Holmes Vincent C. Hwang Danielle Christina Ippolito Adra Anna Jaehnig Alexis Nicole Janke Michael Majid Javadi Brittanie Ann Jaynes Melinda Eva Jenner Kyle Nathan Johnson Chelsea E. Jones Tamarra Mary Kalamchi Kara Mikaela Karaniuk Ishpreet Kaur Gabriela Estrada Keahon Kevin Joseph Kochert Sydney-Paige Milan Komarnisky John Kong Jonathan Eric Kuipers Ching-Chun Kuo Jenny My La James M. Lee Leia Kanoe Sachiye Lendio Ethan Michael Levy

Kelsey Marie Little Hai Liu Brian Ricci Lopez Eloise Lubomir Lords Sarah Elizabeth Lorenz Despina Kosta Lozevski Katherine Robin Lucas Kevin Lee Lundgren Kyle Raymond Magnuson Sheila Malekian Amanda Kalyca Manz Monica Jazmin Martinez Miles Garrett Maxwell Logan Daniel McCormack Samantha Jean Mcdonald Taylor Marie Mcglone Jennifer Dianne Mckenna Tushar Menon David James Miller Ryan Douglas Miller Courtney Shey Minkner Abhinav Mishra **Oays** Pasha Mohamed Chandler Wein Morris Shelby Lynn Myers Kevin Tran Ngo My Thuong Thi Ngo Duke Duc Nguyen Vu Nguyen Nguyen Karen Alexandra Norling Yesenia Olvera Tyler Jay Phelps Juyan Lotfali Pourturk Noor Amanda Raad Tristan Robert Raskin Charis Renai Royal Ryan Alastair Rullo Alexander Steven Rupkalvis Cindy Ryanto Marc Eneri Fiesta Samonte Michael Sartor Mohamad-Sari Basel Sbai Taylor David Schnepp Connor Stephen Schromm Andrea Gabriela Segerstrom Adam Mattern Silverman Stephanie Lee Singleton Amanda Louise Smallwood Steven Ray Stanovich Sarah Lynn Suloff Chayne Zander Susich Nicholas Payne Symons Marissa Joanne Taylor Stephen Alexander Townley-Mcbane Tanya Mai Truong

Yasin Mohammad Uddin Travis Aaron Varwig Anne Therese Vasquez Aimee Tara Wakulinski Kathryn Marie Williams Nicole Kristine Williams Nicholas Peter Wirski David Jong Hyuk Won Kellen Michael Worhacz Zain Saad Hanno Youhana Mohamed N. Yousif Danielle Isabella Zenner Karisa Leigh Zimmerman

BIOLOGICAL SCIENCES (ANIMAL PHYSIOLOGY AND BEHAVIOR)

Moriah Rose Alexander Elena Maria Bautista-Hobin Nicholas Bernard Becker Nathaniel Gregory Belnap Alicia Meigh Benson Alexander Lee Brown Amy Elizabeth Brown Jennifer Marie Buresh Meghan Olivia Cook Heather Tammy Ellis Oluseyi Fashusi Alyssa Paige Galt Jessica Nicole Hammer Staci Nicole Hineman Molly Rebecca Klein Drew Rene Koslowsky Anna Sergeyevna Kuznetsova Courtney Nicole Lavery Sasha Li Kiah Nichole Mayo Amanda Kay Mccallum Danielle Brigette Mehlau Armaghan Nasim S.M. Bukola Obayomi Benjamin Daniel Pirotte Brittnye Nicole Shelley Danielle Nicole Silverstein Anna Marie Simperova Britney Southers Sue Anna Tacho Genesis Lynnette Valenzuela Steven Viall Camille Elyse Walker Andrea Brooke Walton

BIOLOGICAL SCIENCES (BIOLOGY AND SOCIETY) Amber-Leigh Lace Attanasio Samantha Lynn Green Lissette Guerrero Rachel Ellen Haviva Gur-Arie Shayla Briann Hubbard Tyler Chapman Hughes Davina Sangitha Kumar Anika Jade Larson Jashae Chenise Murrillo Nicole Danielle Scott Katrece Noel Swenson Martin Andres Zavala II

BIOLOGICAL SCIENCES (CONSERVATION **BIOLOGY AND** ECOLOGY) Lynn Marie Anderson Kiersten Lydia Bell Cris Mitchell Brackenridge Jackson Sidney Bramlette Ellen Elizabeth Brooks Truman Patrick Combs Wilgene Peter Borja Dela Cruz Michael Cole Dellisanti Ramzi Khalil El-Sayed Kellie Elliott Alexis Michelle Fec Kaylee Davis Gaillard Christopher Thomas Henny Caitlin V. Holmes Michelle Marie Jones Brandi Amelia Kapos Stephen Paul Keller Cora Elizabeth McHugh Logan Todd Monks Camille Maryalice North Daniel Alan Novak Marena Elizabeth Sampson Joshua Charles Sanderson Julea Anne Shaw Lores Tyler Steury Cassandra Michelle Van Dam

BIOLOGICAL SCIENCES (GENETICS, CELL AND DEVELOPMENTAL BIOLOGY)

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Michelle Hillery Slater Hunter Christian Smith Cambria Jade Tevis Robert Tinta Brenda Iliana Toscano Bich Ngoc Vu Henry Patrick Wilky Laurel Marie Wright John Edward Franklin Tan Zobian Nathan Corey Zollinger

CHEMISTRY

Steven M. Barth Benoit Jacques Carasso Dit Carson Julia Hannah Glesener Justin Allan Hillsten Walter Gregory Johnson Michael Darby Norton Wayne Lee Partin Hailey Jane Sanders Alayna Franci Terrell Kendall Jay Timothy

CHEMISTRY (ENVIRONMENTAL CHEMISTRY) Matthew Gregory Gingerella Blanca Teresa Rodriguez

COMMUNICATION

Jessica Danielle Acosta Karlee Ann Adams Marisa Jean Agha Justin Tyler Akine Promise O. Amukamara Katie Ann Anderson Alexandria M. Aten-Roy Rachel Anne Baine Daniel Gavin Barclay Ian Robert Beauregard Joshua Evan Beedle Ashley Nicole Bell Makenzie Nicole Bemis Kevin Patrick Berchem Cameron Torren Berger Harry Correll Biemer Elise Christine Bihl Mercedes Destiny Binns Patricia Ann Blascruz Sara Ann Bleau Christian Daniel Blumel Kevin James Boogaard Frantz Bosquet

Katie Sue Bosworth Braxton J. Bowyer Laura Lee Bramer Elyse Lydia Braun Andie Katherine Burke David Earl Callison Travis William Campbell Alicia Caprielian Mallory Janice Cary Koral Kaye Casillas Kyndol Paigely Castrilli **Brooke Marie Chambers** Christina Ellen Charlesworth Joyee Joan Chin Nancy Lynn Chism Zachary John Ciampa Devin Beth Cohodas Philip Wayne Coleman Taylor Alexandra Coli Alan Jaycob Colpaert Brittney Lynn Coon Vanessa Valerio Corpuz Robert Owen Cummins Katelvn Mary Curtis Sarah Kathleen D'Agostino Alexander Joseph Sterling Daniel Dominic Vincent Decono Taylor Ryan Delcolle Sara Michelle Denorch Christine L. Dillard Case John Donahue Christopher Jason Dunwell Ashleigh Gabrielle Edwards Casey LoRi Edwards Michael Edward English Kelly Kay Etchason Thomas Richard Evans Christian Victor Chun Fat Ariana Brooke Fernandez Dara Elaine Fife Jordan William Figueroa Katherine Ann Flaten Samuel Logan Foote Taylor Nicolette Fox Anna Marie Franko Christa Leigh Fratantoni Lauren Alyssa Gaddy Natelle Angelina Gentile Rebecca Maria Germano Dillon Edward Gonzales Brianna Lee Gonzalez Alisa Renee Gravel Jay Edward Gress Cristina Bella Guglielmi Chantel Andreana Haikkala

Jenny Amelia Hall Sydney Marie Hawes Troy Michael Hester Michelene Adair Holmes Dillon Thomas Honicky Ryann Mary Hulme Brandon Lee Humberstone Mitchell James Hundman Howard Max Hurlburt Michael Joseph Iuorio Chelsea Lashawn Jaggers Ryan Edward Jones Christopher Thomas Kenney Shawn Mikael King Sarabeth Knobel Malory Noelle Knutson Tiffany Rochelle Krasner Jeffrey Edward Kressaty Kayla Anne Kuzniar Jill Marie Laffoon Nathaniel Joseph Lang Kevin J. Lepert Lisa Elizabeth Liguori Kristina Marie Lindas Alexander Mark Liu Danero Amonra Mandley Paige Alexandra Marks William Taylor Marlett Ashley Paige Marsh Aubree Nicole May Kaysie Marie Mcclymonds Ryan Michael Mcconnaughy William Clark Mcgehee Maria Lyn McGilton John Timothy Meaney Dominique A. Mickens Marlena Cynthia Evans Milum Hannah Mychal Mitchell Peter Mladenovic Elva Marie Mojica-Acuna Ryan D. Molesworth Brian Sean Moore Christopher David Moore Julianna Todd Crosset Moschini Nicole Elizabeth Mowery Mitzi Clarabel Murrieta Ariana Zahra Naraghi Trevor Benjamin Nelson Chandler Douglas Roper Nick Adam Lee O'Brien Alexandria Paige Ocampo Kazuka Ochi Matthew Ryan Ochoa Kruzhencka Valentina Ovando

Edward James Padilla Michelle Elizabeth Pappas Naomi Marie Parker Jordan Kyle Parry Jodi Gale Peterson Maddisen Tayler Philbrick Taylor Marie Pineda Alec Sousa Pinto Phillip John Ponder Ryan Joseph Post Hilary Ann Pratt Kayley Elizabeth Prechel Mackenzie Lynn Prince Sarah Gail Ouinn Louis Edward Ramirez II Gina Marie Randolph Jessica Lynn Raymond Brennan Scott Redd Courtney Nicole Reeves Alaina Joy Reschka Talya Reynolds Lindsay Danielle Ricigliano KaSandra Lee Rivera Natasha Lee Fischer Roberts Judith R. Robles Kassidy Danielle Ross Charlotte Roseann Rothacher Erica Leigh-Anne Rush Taylor William Russ John Andrew Russell Carol Maureen Sanders Martin Thomas Schmid Paul Selegue Mackenzie Rice Semerad Laura Elizabeth Seng Zachary Christopher Serslev Kaitlyn Kelly Shaw Sarah Taylor Shiffer Maxwell Josef Sisson Caleb Frank French Smith Sean James Smith Kvle Patrick Smvrski Victoria Ann Stamm Ashley Elizabeth Thrall Michael K. Turk Leonard Grant Valencia Ariel Marie Van Dam Megan Nichole Vance Jessica Larene Vanderwall Morgan Bronte Vaughn Taylor Alina Vermey Kimberly Ann Vermillion Jessica Marie Walsko Larry Walton Quitley Tanisha Warren Megan Lynne White

Saibrah L. White Dylan Amel Whitwer Heather Joel Wilkinson Dawn L. Williams Molly Michelle Wohltman Bryan Patrick Word Cynthia Young Nicole Breann Young Danny Zamora

COMPUTATIONAL MATHEMATICAL SCIENCES Melinda Eva Jenner Elizabeth Ann Lebeau Kristyn Noelle McLeod Michael Ihanacho Ohakwe Meruyert Smagulova

EARTH AND SPACE EXPLORATION Muadin Latifi

EARTH AND SPACE EXPLORATION (ASTROBIOLOGY AND BIOGEOSCIENCES)

Tristyn Lee Bercel Giovanni Jourdain Pieve

EARTH AND SPACE EXPLORATION (ASTROPHYSICS)

Christina Marie Findley Victor Anthony Hernandez Natalie Rei Snow Robert Jon Tagtmeyer Colin Wesley Williamson

EARTH AND SPACE EXPLORATION (EXPLORATION SYSTEMS DESIGN) Sean Jason Amidan Emily Bafia

EARTH AND SPACE EXPLORATION (GEOLOGICAL SCIENCES) Philip Anthony Clarizio

James Haste Lagerman Camille Ellen Mayberry Nicole Kathleen Murray Caitlin Anne Ostrander Christopher Gordon Petty Alexander Ryan Potter Jamie Samuel Shaffer Katherine Davis Sheppard Jennifer Anne Wadsworth

ECONOMICS

Abdulrahman Hashim Ahmed Jaafar Alblooki Zachary Alexander Armenta Kevin Ryan Balzer Alec Ridoy Banerji Elizabeth Leigh Barratt Patrick Gerald Barrett Brian Michael Bila Nathan Edward Bridges Daniel Jasper Briggs Michael John Broughton Anthony Michael Burkhardt Yuxiang Cai Samuel Bradley Campton Seth Austin Cannon Andrew Theodore Carlson Christopher Dyer Channer Peter Louis Chotras Shelly Kathryn Cunningham Lucian Arturo Dellacqua Eric Mark Diment Nicholas Joseph DiPastena Brett Andrew Fischer Samuel Aaron Flora Joshua Larry Fultz Tannyn Avery Garcia Quentin Lee Gunn Bentley J. Hanish Jakob Kristian Hansen Xixi He Meredith Ann Heth Jinyuan Hu Joseph John Jacobe Ryan Kent Jones Shawn Foster Joseph II Colby Mils Keller Young Koo Kim Preston Dyllan Kulikowski Kozma Kumani Justin Tyler Larche Bozhi Li Xiqin Liu Sean Wade Lutke Christopher Robert Madison Dmitri Sergei Martyanov Robert David Normington Joonho Oh Alicia Marie Olivas Christian Anthony Olivo

Pablo Pak Saritha Kambhampati Ramakrishna Katherine Rose Richard Tyler Charles Schwartz Kasey Rori Seeman Nikil Panneer Selvam Kiley Clements Shanks Banipal Shawil John Gordon Soo Paul Michael Stevenson Jarred Patrick Syputa Shifei Tong Ibrahim Idris I Tukruni, Sr. Alex Jon Van Roekel Kristen Van't Rood Michelle Nicole Vered Priyam Verma Justin Philip Voegtle Ye Wang Zhuowei Wang Nathan Richard Waters Ashley Leah Webber Ashlev Ann Wilson Matthew James Wilson James Arthur Wiltbank Xinvi Xu Matthew Ryan Ykema Huan Zhou

FAMILY AND HUMAN DEVELOPMENT

Hasana Abdul-Ouadir Munira Ali Abdulkadir Crystal Lynn Aeschliman Priscilla Aguilar Amber Chari Allison Sarah Amuli Bianca Ernestina Arenas Jessica Ann Armfield Betsaida Janet Arrizon Nicole Elizabeth Atchison Sabrina Marie Avila Gretchen Ali Ayub Joanne Marie Backherms Kvlie Leann Barber Ryan Andrew Barclay Delicia Kristina Bateman Betsy Leigh Bettencourt Kelly Anne Bowman Alexandria Gabrielle Breck Destinee Marie Brittingham Brittany Marie Bullock Allison Rebecca Cary Karen Marina Castro Samantha Nicole Castro

Xana Zoe Cleveland Samantha Marcia Colarusso Georgiana Arizona Cornelsen Mandi Jo Crandell Raquel Sandate Craney Reynaldo Carlos Cruz Paige Elizabeth Davis Richard Paul Delarosa Melissa Ivette Delgado Denise Lynette Derickson Ashley Nichelle Deskins Robin Marian Dial Jenna Christine Eccles Heba Elsaad Dallas Jade Escobedo Hayley Leeann Eslinger Jennifer Lynne Eyer Ashley Elizabeth Fallon Cesar Antonio Felix Andrea Rose Ference Catherine Jane Fevery Casey Anne Figurski Candace Forstner Mikaelah Jenee Fowle Mia Sarah Frenkel Mariana Annette Ferrer Fuenmayor Anais Fuentes Ashley Marie Gali Melissa Nicole Gerrish Kiesha Elaine Geyen Ma Lizza Dacut Glogiewicz Elizabeth Danielle Gomez Brianna Kathleen Gonzales Sarah Nicole Goodman Christine Nicole Gossard Kassandra Renee Gradillas Kristy Ashley Granger Jennifer L. Hansen Ayana Chanel Harris Brittany Harris Julie Hartle Charis Eileen Harty Ashley Elise Hecker Alejandra Hernandez Margaret M. Herrera-Lopez Hallie Marie Hirsch Cassandra Lvnn Hoffarth Annie Elizabeth Horne Terry Lynn Hummel Brandilee Jennifer Jarrett Dvanna Kassandra Jiron-Navarrete Amber Kristine Johnson Sarah Anne Johnson Krystal Lee Jones

Kyra A. Jones Ahmed Mohsen Khalil Analecia Caressa-Marie Kinkade Marian Verline Koernig Emily Kristina Kolnitys Christina Louise Kotoske Shana Marie Kozak Allyson Renee Lee Nicole Ping Lien Kristen Nicole Linzy Lauren Elizabeth Lupo Dzintra M. Malins Kaylee Rae Martino Shannan Jean Pomaikai Mccready Heather Nolan McLeod Kayla Lorrie-Lee Messinger Ava Kathryn Miller Monica Maria Moratto Kimberly Murphy Valerie Cristine Ofisa Megan Leigh Olness McKenna Colleen Osborne Kristen R. Overstreet Yesenia Parra Kau'i Haulani Pasa Ruth Janette Perez Katelyn Nichole Pevehouse Letty Murlee Pickering Shelby Jeanette Pine Guadalupe Preciado Mariah Renee Provencio Courtney Lynn Reed Elsa Yadira Reed Emily Anne Reno Yazmin Lizeth Reves Briana Reed Richardson Austin Joseph Rohner Selene Ruiz Diana Belinda Salaiz Marlene Sanchez Kayla Megan Sandoval Alexander Joseph Schaffner Jessica Anderson Schilt Nicole Frances Schmidt Payton Brie Schutte Kelly Schwabenland Emily Irene Seal Martika A. Seamon Megan Cheryl Shaw Rachel Steele Morgan Gabriel Steigerwalt Karli Elizabeth Stone Emily Grace Styner Dani Rae Suiter

Erin Nicole Sullivan Mia Leigh Swisher Olivia Renee Taylor Bree Michelle Tungate Katy Lynn Tyler Emily Paige Wallace Olivia Michelle Warner Aya-Khawla Samir Wehbe Margaret Susan Wiese Courtney Catherine Wilson Ashleigh Elizabeth Elaine Witham Kara E. Witten Kacey Elizabeth Wood Andrew Clark Wooten

GEOGRAPHY

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GEOGRAPHY (METEOROLOGY-

CLIMATOLOGY) Stacie Ann Caruso Jaylee Conlin Justin Ryan Ikaika Luis Cordero Ray Clyde Greely Brandon Edward Lawhorn Paul Timothy Panhans Dillon Seaber Turner

GEOGRAPHY (URBAN STUDIES) Daniel Nicholas Gray

JUSTICE STUDIES

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Ahmed Khaled Soussi Alison Kira Stackhouse Monique Andrea Stanfield Mallory Adare Stokes Marsha Tanner Kari Elizabeth Thwaites Erica Ellice Turner David William Weihrouch Erika Morgan Weiler Tamla M. Wells Dylan Scott Zeitlin

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MATHEMATICS (STATISTICS)

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MOLECULAR BIOSCIENCES AND BIOTECHNOLOGY

Nicole Angelique Avila Edwin Alexander Baldwin Deanna Nicole Becker Waris Mohammad Butt Anna Freydenzon Layla Tina Ghaffari Tyler Matthew Haeberle Kristin Michelle Hoffman Robert Player Kendle Alyssa Danielle McNulty Rvan Muller Adam James Orr Heeral Patel Morgan Elizabeth Poindexter Mobeen Oureshi Vijay Kambhampati Ramakrishna Margarita Sadova Maxwell Casey Short Jennifer Marie Taylor Nicholas William Todhunter Seiga Yanagisawa Matthew Ryan Ykema Shangji Zhang

PHYSICS

Aman Senay Aberra Jonathan William Alfson Jay-Allen Allison II Samuel Harris Blitz Eduardo Carrasco, Jr. Jose Manuel Chavez-Garcia Kent William Christianson Sebastian Miles Cole Toshihiko Honda Craig Robert Ignatowski Brett William Larsen Ksenia Lisova Christopher Joseph Luna Linn Earl Mckee Veronica Sallee Meeks **Riley Phillip Molloy** Eric Robert Morgan Alexander Reed Munoz Marcello Christopher Pereira Benjamin Scott Prather Charles Shugert Salar Simaie Nicholas Daniel Webb

POLITICAL SCIENCE

Trevor Nelson Abarzua Garrett James Abeln Martin Xavier Aguirre Francisco T. Alamo Jill Stephanie Alders Saud M J M A Almaweel Brent Norman Armstrong Christopher Dean Armstrong Matthew Clair Baldwin Anne Pearl Barber Aaron Robert Thomas Bass, Sr. Ian Joseph Bennington Saron Fessehaye Berhe Harun Aras Berkin Roshawn Brooke Bitsuie Brandon Patrick Bodea Thomas Gerald Borns Alexander J. Brunner Jordan Alexander Ross Brunner Sabrina Lee Carlos Susan Carlson Desiree Carr Seth Dixon Carver Jessica Lee Casetta Mark Ian Cassell Juan Antonio Cevallos Kyra Seung Mee Clancy Brian Zafer Cornish Andrew Lee Cowles Cameron James Cox Yeyvonnia Craig Waleed Waill J Daghistani Derrek Patrick Daly Andrew Thomas Duncan Gabriella Renee Esparza Leah Marie Fiacco Jason Michael Fitzsimmons Sean Michael Flaherty Samuel Logan Foote Adrian Nicholas Fraijo Joshua James Fultz Taylor Judith Gath Christine Alice Gibson Jolyon Michael Gidari Anthony John Grinevich Armida Yasmel Guerra Levi D. Hagedorn **Emese Julia Harris** Katherine Marie Henley Saleem Mortaza Hirmandi Jonathan Brandon Jansen Alvsia Jefferson Brandon Clement Johnsen

Katrina Jean Kaminski Seulki Kim Casey Tyler Kingsley Andrew Charles Kissinger Christopher Ryan Kitter Adam Oh Dek Kwon Spencer Joseph Lassetter Jocelyn Leichner Bryan Walker Lobrutto Roxi Jo Manby Garth Lawrie Mclennan Edwin Jairaj Mehta Arash Menalagha Abhinav Mishra Daniel Stephen Montes Colleen Moore Hannah Kirstie Morris Andrea Nicole Myers Lance Thomas Navin Harper Neidig Mark Robert Nelson Matthew Joshua Jerome O'Neal Christopher Geordan Ortiz Shannon Marie Osgood Kent Michael Perez Stacy L. Portonova Martin C. Presley Ashley Yvonne Reichert Robert Lawrence Restemaver Jesse Frank Robles-Salinas Anthony Rodriguez Christopher Anthony Romero Jonathan Daniel Ross Nicholas David Schillaci Samuel Theodore Scott, Jr. Tristan Charles Shill Samantha Sue Singh Chris Lance Stalling Austin Robert Stumpf Timothy George Edward Suan Tyler Edmund Sumrall Mark Thomas Surabian Victoria Elizabeth Swinehart Whitney Freeland Thiele Alyssa Rae Timms Alex James Tolman Adam Joseph Travis Emily Nicole Turner Sopheak Va Michelle Nicole Vered Jessica Lynn Walker Bianca Armon Webster Justin Palmer Wengraf Anthony James Weringer

Holly Elizabeth West Jarred Alan Whicker Laura Wood Susanna Kay Zimmerman

PSYCHOLOGY

Sepehr Abdi-Moradi Charles Kabu Adjovu Iqra Firdous Ahmed Megan Elyse Allen Jacob Matthew Anderson Shauron Nicole Armstrong Marisa Lynn Arnett Hasan Ahmad Atriss Amber-Leigh Lace Attanasio Chelsea Lee Babcock Alyssa Nicole Bakutis Shantanu Bala David Hunt Ballard Kaila Lynn Bara Alison Marie Barber Anne Pearl Barber Ryan Andrew Barclay Natalie Alexandra Begier Anna Elizabeth Belloc James Robert Bigbee Drew Adair Blasco James Andrew Boeye Rae Nicole Boileau Leah Christine Brignall Taylor Marie Camiliere Rachel Christine Carriell Taylor Katheryn Carsten Duchess Lyn Cash Bernardette Centeno Diana Monique Collins Kelsey Lynn Corallo Shelly Kathryn Cunningham Ashli Jenee Daley Michael Desean Davis Maricela Del Carmen De La Rosa Daniel J. Decoster. Jr. Heather Lynn DeGrote Sean Nimlo Edmonds Taylor Mae Eernisse Lillian Ann Engelhard Preonshatae Ti Debera Evans Ashley Elizabeth Fallon Rachel Marie Fanguy Paulette Nicole Fennig Eliodoro Thomas Figueroa IV Maxwell Zachary Flach Jordan Nicole Fritz Nathan Albert Fuller Aida Gafsi

Elizabeth Danielle Gomez Alexa Rae Gonzales Melissa Ann Grey Juan Christian Guerrero Matthew David Guevara Timothy Michael Hanson Jessica Danielle Hartman Kayleigh Erin Hickey Sydney Lee Holst Austin Matthew Howard Hannah Jo Jacobelli Jessica Catherine Joos Shelise Marie Kahn Chanell Sandhia Kaladeen Tyler Michael Kees Salma Kemmou Hannah Kiss Jourdan Charlotte Klingbeil Sydney-Paige Milan Komarnisky Alexander Christopher Ladensack Allison Irene Laitsch Christina Lam Nathaniel Joseph Lang Kin Hang Lau Courtney Nicole Lavery Courtney Louise Loera Savannah Brittany Lokey Jennifer Michelle Love Jasmin Renae Luck Myles Anthony Maietta Amanda Nicole Marotta Kelley Lane Mcdonald Taylor Marie Mcglone Lorena Meiia Jacob Moshe Miller Mandana Minai Ninette H. Mora Stephanie Jean Morse Felix Bernal Muniz Leah Michelle Nunez Joseph Richmond O'Donnell Colten James Oliver Paul Timothy Panhans Suzanne Catherine Peralta Andrew Joel Perez Mariel Elizabeth Piechowicz Denise A. Pierce Guadalupe Preciado Rachel Mary Preskey

Shelby Margret Rauch

Mackenzie Lynn Reading

Diana S. Rayes

Shannon Nicole Wallace Sarah Rose Weiner Samuel R. Williams Bailee Ann Wood Natalie Susanne Wright Joshua Adam Young PSYCHOLOGY (PSYCHOLOGICAL SCIENCE) Paniz Mohajer Jasbi Amanda R. Meachum Amanda Kathleen Munion Zachary Michael Plumley

Jessica Ann Reed

Gabriel Reves, Jr.

Allison Leigh Reynolds

Rebecca Marissa Mendoza

Jessica Dragone Rodriguez

Jonathan Mcvicker Scanlin

Lauren Elizabeth Serrano

Adam Mattern Silverman

Natasha Kaye Sinchuk

Alexander Joseph Sipes

Michelle Hillery Slater

Alexis Danielle Sowell

Gail Ashley Stonebarger

Michellene Rose Szarwark

Storme Slaven

Taylor Jo Smover

Alicia Rae Spicer

Ouinne Chi Tan

Elina Broka Toll

Valeria Vasquez

Dan Ng Minh Tran

Yvonne Ngoc Tran

Kirsten Rachel Turner

Jeanne Marie Tweeten

Kaitlyn Paige Venberg

Ken Gerard Vileikis

Cameron Nicholas Turro

Linda Terrazas

Shaina Katherine Sherman

Jacqueline Alice Schuttenberg

Margaret Louise Rich

Joshua Arveh Rinde

Jason Michael Rios

Aylin Melissa Rivera

James George Rodis

Stephen Cole Roina

Danielle Alexa Russo

Diana Belinda Salaiz

Rivas

John Michael Alexander James Francis Anolick Ivan Babanovski Bisrat Kebede Bahta

SOCIOLOGY

Bisrat Kebede Bahta Eve Bakar Joshua Banks Bryn Sarah Barasha William Edward Beatie, Jr. Shondeen Bedonie Nicole Marie Berndt Brenda Maly Bounkhoune Janette Bravo Gabriela Buenabenta Joseph Michael Calcaterra Shanteia Nicole Campbell Archie Casquero Carreon Amanda Jo Carrero Angelica Michele Castronova Cori Christine Cavalier Alan Jaycob Colpaert Cody Allan Conklin Elizabeth Ann Couldry Anne Michele Cruz Amanda Leigh Curry Camie Cee Daniels Taylor Ryan Delcolle Samuel Paul Dicarlo Bridget K. Dougherty Emilee Irene Eikren Khouloud El Ahmar Hannah Cayle Fouche Melanie April Francis Amy Jean French Kami Lynn Frost Candelaria Garcia Shanae Mattie Sequence Gardner Gabriella Mignon Gaspard Chad F. Geisler Alexander Edward Gleason Javier Andres Habre Shelby Allisonmarie Hagan Amanda Susan Hall Abbey Rose Hawthorne William Howard Herriot Karen Marie Hinojosa Todd Hornberger Jeremy Dee Johnson David Leland Jones, Jr. Jennifer Michelle Knudsen Kerrysue Koeppel Britney Lauren Korpi Daniel Nicholas Kouretas

Sarah Lindsey Kuperman Heather Noel Wehrli Laabs Gregorio Nolan Labrado Brenton J. Lange Karim Jovon LaRonde Daisy Elena Loera Christopher Michael Love Colleen Patricia Mahoney Joel Benjamin Mallams Ali Mandviwala Sureya Abdulmajeed Mardaadi Zachary Johnathon Marrufo Xyleena Marie Martin Ryan Michael Mcconnaughy Ian Andrew Miller Victor Anthony Mora Jordan Ashley Novoa Benjamin Henry Paley Victoria Nohemi Palomino Anna Christina Pappas

Petra Pardi Karen Lynn Peterson Adriana Post Erik Ross Potter Sean James Rafferty Cindy Jin Ramos Ryan Taylor Ramsey Brie Reed Craig Vincent Reedy Erin Louise Roberts Alecia Marie Roeber Alexandra Ranae Roemke Christopher Anthony Romero David Donald Rozas Lukas Christopher Salimi Devin Ray Salonko Rylee Alexis Sammons Alejandra Sanchez Jeanette Chambers Sanchez Kaela Marissa Schuster Christine Nicole Simons

Natasha Maria Slomczewski Chaleace LaShawn Smythe Jeannie Leigh Sorenson Ashley Lynn Spangler Devan Jerome Spann Tim Sprague Brady Ashton Stanton Yaniv Swis Wendy Marie Turner Lindsay Grace Ungerman Marisela Denise Valadez Monica Marie Vega Jessica Ramos Verdi Daniel Lee Ward Saeed Wehelie Steven Ross Whitbeck Adrienne Raquel Witherspoon Nicholas Wong Evelyn Wai Fu Yeung Katherine Zavala

BACHELOR OF SCIENCE IN PLANNING

URBAN PLANNING

Hamad Nassib Suhail Yatba Alameri Ahmed Abdulkarim Jasim Mohamed Nayem Alhavki Mansour Saeed Sultan Ahmed Algubaisi Virgil Stephen Tambunting Artuz Domenic E. Baez Anthony A. Belleau Mitchell Cole Bobman Amelia Grace Bourke Courtney Demarcco Carter Joseline Castaneda Chuxiong Chen Alexander Shingyu Chou

Anthony Joseph Cisneros Colin A. Clark Jonathan Benjiman Collins Claire Rene May Desalvo Jennifer Dondero Adam Dominick Feralio Nicole Marie Garcia Jessica Jia Robert Kahabka Ryan William Kay Travis James Lane Dylan Chad Leal Isabelle Olive Lishewski Blake Steven Mallerv Paul John Minnick Marcela Francisca Mora Michael Leroy Morningstar Kelly-Desirae Samone Murray Jacob Oliver Nikkel Nicholas Jon Oxentenko Aaron Michael Peregoy Christiane Dan Paulino Ouintans Troy Kevin Rivas Jacob Anthony Romero Orion Scott Joshua Allen Silva Sarah Anne Spencer John Anthony Strait Sydney Erin Tirella Cheuk Wai Tse Anthony Vu Kezhen Wang

COLLEGE OF NURSING AND HEALTH INNOVATION (Established 1957)

TERI PIPE, PHD, RN Dean and Professor

DAVID COON, PHD Associate Vice Provost for Research

CRAIG THATCHER, DVM, MS, PHD, DIPLOMATE ACVN Senior Associate Dean

EVELYN L. CESAROTTI, PHD, RN, FNP-BC, FAANP Associate Dean for Operations

KATHERINE KENNY, DNP, RN, ANP-BC, FAANP Associate Dean for Academic Affairs

GLEN R. NELSON, PHD Associate Dean for Business & Strategic Finance

ELIZABETH REIFSNIDER, PHD, RN, WHNP, PHCNS-BC, FAAN Associate Dean for Research

> Brenda C. Morris, EdD, RN, CNE Assistant Dean

COLLEGE OF NURSING AND HEALTH INNOVATION CONVOCATION

Tuesday, May 12, 2015 1:00 p.m., Phoenix Convention Center

PROCESSIONAL

PROCESSIONAL MUSIC

Phoenix Scottish Pipe Band

FACULTY MARSHAL

Therese Speer, MSN, RN, CNE Clinical Associate Professor

PRESENTATION OF FLAGS

161st Air Refueling Wing Honor Guard Arizona Air National Guard

THE NATIONAL ANTHEM

The Star Spangled Banner - Francis Scott Key

WELCOME

Teri Pipe, Dean

PRESENTATION OF GRADUATES

DOCTOR OF PHILOSOPHY PhD Program – Bronwynne Evans, Director

DOCTOR OF NURSING PRACTICE DNP Program – Donna Velasquez, Director

MASTER OF SCIENCE

Master of Nursing – Nurse Educator – Pauline Komnenich, Director Clinical Research Management Program – Cris Wells, Director Master of Healthcare Innovation – Eve Krahe, Director

BACHELOR OF SCIENCE Baccalaureate Nursing Programs – Judy Sayles, Director RN-BSN Program – Carol Stevens, Clinical Associate Professor

CLOSING REMARKS

RECESSIONAL

COLLEGE OF NURSING & HEALTH INNOVATION

The growing footprint of the ASU College of Nursing & Health Innovation is about both our literal space and about the spaces we have created to fulfill on our mission to do more, serve more, and sustain innovation. Centrally located outside of our main building, and daily in full view of students, staff and faculty, is the challenge to everyone to "dream, discover, and deliver." It is our mission and challenge that drives us to offer the highest quality of academic, research and clinical practice programs so we can create graduates who will be the best clinicians, teachers, advocates of good health, and researchers.

Just as our research and teaching extends far beyond our classroom walls, so does our drive to make an impact in the world and improve health outcomes. We make this real in six ways.

First, our interprofessional model guides us as we build programs and curriculum to meet the needs of future health workers. Both our graduate and undergraduate

programs continue to expand with a determined focus on the preparation of worldclass health workers, ready to advance complex patient care and dynamic delivery systems. Our program design and delivery is central to the start of students' careers as well as their advancement and mobility within the systems where they work.

Second, Innovation is in the name of the college and at the core of our thinking. Those working in a clinical context know the challenges and complexity associated with the promotion of our nation's health. The challenges and opportunities that pervade the health care system require innovative solutions that improve whole system and global patient outcomes. Our curriculum and clinical experiences are designed to give students a breadth and depth of exposure to different types of delivery systems and equip them with tools to provide innovative thinking and value from the very first day. We foster innovative thinking at ASU—being on the cutting edge and visioning solutions to the most complex healthcare problems.

Third, while our programs encourage creative processes of discovery and dreaming, we place a premium on delivery. We encourage and provide an environment where dreams are cultivated. Whether through the college's centers, where nationally recognized research leaders are impacting research agendas, or through our funded research collaborations and the community partnerships they support, our students, faculty and staff are making a difference on a broad scale.

Fourth, we continue to push innovations – technological and otherwise – to better ourselves and our work within the college. As our online programs continue to expand access to the highest quality training, they do so with an intense focus on rigor and adoption of new and better instructional tools. Our simulation center not only provides state-of-the-art education for our students, but also is a partner with the State of Arizona Nursing Board to assess and ensure competence among nursing professionals with the confidence and essential practice skills they need to transition to real-world healthcare environments. We also operate a high quality nurse-led health center in the greater Phoenix area that emphasize an interdisciplinary approach to care, which are among the more than 700 clinical placement sites where our students receive outstanding educational experiences in the real world.

Fifth, as we lead the future of health education, our college places a strong value on connections to and appreciation for our past, our traditions, and the students and leaders who have brought us to this moment. As our students graduate and embark on their next journey, it is important to be mindful of the mentors, friends, family and loved ones who helped each of us reach this significant milestone. We want to encourage our alumni to stay connected to the college, watch our developments and participate in our activities or programming in the future. Our conversations and time together are not complete because you still can make a great difference to those who follow you.

Finally, as our college cultivates creativity, innovation and entrepreneurship, we are confident the tools and training our students have received will make them lifelong

learners and significant contributors to our dynamic industry. We encourage our students to challenge themselves and those around them to think more critically, to listen more closely and to work more diligently – especially on behalf of those who disparately suffer from acute and chronic illness and disease – as they are remaking the world and its possibilities.

ABOUT THE PhD PROGRAM Program Director: Bronwynne Evans, PhD, RN, FNGNA, ANEF, FAAN

The PhD Program in Nursing and Healthcare Innovation, one of only four 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. Student achievement is supported through rigorous coursework and personal, guided mentorship in research, a hallmark of the program. Coursework is offered in both traditional on-site delivery format and synchronous online delivery, each designed to maintain the commitment to a highly mentored, interactive learning experience. Student research is supported by interdisciplinary faculty in various programs and Centers for Research Excellence, including health disparities, healthcare innovation leadership, healthy aging, healthy families, nursing education, and world health promotion and disease prevention.

ABOUT THE DOCTOR OF NURSING PRACTICE PROGRAM Program Director: Donna Velasquez, PhD, RN, FNP-BC, FAANP

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. Students in the program complete practicum hours working directly with a network of health professionals within collaborative, interprofessional settings. Graduates of the DNP program are prepared to apply research to clinical practice utilizing innovative approaches across multiple settings to improve health outcomes of individuals and health care systems.

ABOUT THE MASTER OF SCIENCE – NURSE EDUCATOR PROGRAM 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. Responsive to the National Accreditation Essentials of the American Association of Colleges of Nursing as well as National League for Nursing competencies, the program incorporates state of the art teaching/learning strategies with graduate level clinical courses essential to master's and doctoral education. The MS, Nurse Educator (NED) concentration at the 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. The program is learner-centered, clinically focused, population specific, and designed for those who initially choose a career as a nurse educator, as well as for nurses in practice who want to make a change. The program also offers a pathway to the PhD in Nursing & Healthcare Innovation and the Doctor of Nursing Practice. To meet today's demanding schedules the curriculum has a hybrid format with online and classroom components. The college also offers a graduate certificate to enhance current knowledge, motivation to re-enter the workforce, or work toward a doctoral degree.

ABOUT THE MASTER OF SCIENCE, CLINICAL RESEARCH MANAGEMENT PROGRAM Program Director: Cris Wells, EdD, MBA, CCRP

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. Clinical research is the undercurrent of care, medical products, and human innovation, providing the evidence used to build new medical drugs and devices, as well as techniques used for best practices in human subject research. 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 MASTER OF HEALTHCARE INNOVATION PROGRAM Program Director: Eve Krahe, PhD

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 online 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 are exposed to opportunities for self-reflection to understand who they are as leaders and how they collaborate most effectively, while learning about the specific lenses through which to view innovation in a healthcare context. The program's uniqueness is highlighted through leadership practice, innovation theory, systems science, healthcare policy, evidence based practice, and a culminating Capstone experience. Students search for and implement sustainable solutions for today's health care issues with an eye to the future within an interdisciplinary environment comprised of both interprofessional faculty and students.

ABOUT THE BACHELOR OF SCIENCE IN NURSING PROGRAM Program Director: Judy Sayles, DNP, 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 BSN degree also prepares graduates for entrance into graduate level studies, which is essential for teaching, administration, clinical specialization and nursing research. The Traditional Pre-licensure Clinical Nursing Program (TPCNP) is an eight semester program, where students take prerequisite course work in the first four semesters and then advance to the upper-division clinical nursing Program (PBCNP), also known as the Post-Baccalaureate BSN, is available to students who have earned a bachelor's degree in another discipline but desire to have a bachelor's degree in nursing. Students must meet nursing prerequisite requirements prior to advancement to the 12-month upper division clinical nursing program.

ABOUT THE RN-BSN PROGRAM Program Director: Diann Muzyka, PhD, RN

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. Faculty strive to prepare graduates who will be engaged, professional, innovative leaders who use evidence-based practice to facilitate positive change in the work environment and community. Graduates will demonstrate holistic, populationbased perspectives and be solution identifiers, client advocates and effective communicators.

ABOUT THE CONCURRENT ENROLLMENT PROGRAM Program Director: Diann Muzyka, PhD, RN

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. Evidence based practice, leadership and management, community/public health, written and verbal communication skills, clinical

reasoning skills, teamwork, and information technology skills are enhanced. The BSN degree is earned in one to two semesters after graduating with their AAS in Nursing degree. Graduates of the program have the theoretical foundation and the clinical competence to be novice practitioners in a variety of health care settings.

ABOUT THE AMERICAN INDIAN STUDENTS UNITED FOR NURSING (ASUN) PROJECT

Program Manager: Stephen Livingston, BES

The ASUN Project is a grant funded through the Indian Health Service to recruit and retain undergraduate American Indian/Alaskan Native nursing students at Arizona State University. The ASUN Project started its 25th year the fall of 2014, and is a competitive national grant that ASU has been awarded since the grant's inception in 1990. The ASU College of Nursing and Health Innovation is currently one of only four schools nationally to be awarded this grant. The ASUN Project is not a separate nursing program, but rather it is an undergraduate scholarship program. If a recipient is awarded the ASUN scholarship, the scholarship pays tuition & fees, required textbooks, reimbursable nursing tools and a monthly Living Stipend of \$1,500 per month. In return, the recipient must work for Indian Health Service, a tribal or an Urban (ITU) health care facility for a minimum of two years within 90 days after degree is conferred and licensure is obtained.

BACHELOR OF SCIENCE IN NURSING

Cara Rosemary Adams Marian Abukar Aden Devin Janelle Akers Mayra Vanessa Alvarado Michelle Irene Anderson Boniface Lionnel Moturi Anyieni Ashley Lyn Archer Alexandria Raquel Arroyo Amber Nicole Barnhart Melanie Jeanne Bartlett Mikali Nicole Birt Arreal Elaine Blakesley Joanne Caren Blank Marisa Nicole Blumer Ryan Herbert Boothe Charles Mckesson Bower II Monica Martinez Bratcher Anne Brown Carie Chey Bryant Deborah Betty Burack

Lilian Carolina Caballero Stacey Canava Tracy Marie Carlson Chi-Hui Chang-Fox Wan Pui Cheung Shea Marie Cline Beverly Ann Cloud Gayle L. Conner Brittani Cook Danyelle Cool Alyssa Lee Costilow Nichole Marie Craig Christine Creen Cassandra Mercedes Crystal Carrie J. Cullen Courtney Nichole Cullinan Maria Daza Michelle DeForest Lauren E. Demarest Maria Cristina Diaz Hope Marie DiScenza

Verlene J. Dominguez Trisha Renee Douglass Omar Mohamad Elzayyat Claire Marie Evans Shelley Flores Jenna Corrine Ford Jacie Don Frye Adriana Christine Furletti Niki Nicole Gallegos Sabrina Marie Garcia Tracy Jan Gardner Christina Alyse Gettens Megan Elizabeth Golembiewski Andia Grice Sarah Margaret- Jean Griffith Leslie Michelle Haaf Si'on R. Halpern Dominique Valentina Hammond Isaac John Hartman

Anna Michelle Caroline Haynes Anna Elizabeth Henry Michelle Lenee Hill Stephanie Shay Holman Denise Marie Holmes Shi-Jia Huebner Sara Rose Hunt Tiana Rochelle Jackson Abigail Anne Jacobson Sydney Anne Janowski Angela Dawn Jaworowski Alyssa Mecedes Kamiaz Maddisen Rebekkah Kannel Alfreda Sandoval Kassing Kristen Ruth Kealy So Young Natalie Kim Paulina Ann Kuszajewski Cecilia Maria La Rosa Wing Tung Lam Malinda H. Law Stephanie Austin Loew Erin Melissa Long Iris D. Lopez Jessica Lopez Michelle Marie Lowe Alyx Lauren Luttermoser Melanie B. Maniego Taylor Elese Manske Erik J. Martinez Joanna Mary Martori Trisha Ashley Mast Kristin Anne Matt Yvonne Novak Matz Adriana M. Maxwell Emma Rebecca Maynes Benjamin John Mcauliffe Lori Ann McBride Hannah Elizabeth Mccormick Ardith Marie Mckeown Morgan E. Metz Catrina Renae Money Kimber Lynn Moreno

Kayla Marie Moring Paul Ryan Munley Evan Scott Murphy Melissa Don Naef Elizabeth Navarrete Justin Neal Laura Jean Nelson Erica Joyce Newby Andrea Francisco Nguyen Lauren Holly Norcutt Kelsey Lauren O'Meara Krystle Jenette O'Reilly Armen Okunyan Kayla Le Ann Olivas Robyn Michele Olson Candice Marie Onusz Nneka Mariagoretti Onyia Marco Aurelio Ortega Susana Ortiz Julie A. Pace Susan Packer Barbara Ann Palinchik Casey Lynn Peterson Carmen Pinon Amanda Joy Platt Andrea Sophia Potkonjak Sarah Angelina Price Erin Lynn Raczkowski Bryce Aldworth Randall Alvssa Desire Raniel Alyssa Faye Redman Sierra Roberts Sandra Robles Alicia Antoneen Rodriguez Megan Joy Roehrs Jill Nicole Rogers Sarah Elizabeth Rossman Sandy Ruiz Megan Russell Savannah Lee Russo-Sandoval Brianna Lynette Salinas Rachael Lvnn Sanders Grace Cecilia Santos

Shannon Carol Schnittker Lynne Marie Scholz Alexis Jo Schuler Shayna Marie Segal Patrick Gorman Shepherd Bryant Shurley Brianna Michelle Siebert Eden Elizabeth Simms Mark Weston Skousen Davida Mary Sobota Christa Rose Solis Chelsea Alyss Standard Dennis Stewart Andrea Sue Taglione Victoria Leigh Tank Adam Richard Tapelt Christen Alexandria Tave Rachel Elisabeth Teeling Guadalupe Amarilis Terrazas Jenna Lea Thompson Kristen Elizabeth Thuman Preslie Alexandra Tidwell Alexandra Marie Treinen Jelena Ubiparipovic Sophia Huang Vanhkham Sarah Lynn Vernon Jennifer Matz Vij Deanna Kay Villalino Anna-Marie Zeljka Vincic Sasha Rae Wagnon Berit Noelle Walters Christopher Musundi Waniera Shaina Leigh Welch Victoria Michelle Wenzel Shvanne Nichole White Amber LeMay Williams Ann Michelle Wilson Courtney Catherine Wilson Katelyn Margaret Wilson Amy Melinda Wong Yevgeniya Yagudayeva Kara Leigh Zimmerman

COLLEGE OF PUBLIC SERVICE & COMMUNITY SOLUTIONS (Established 1979)

JONATHAN GS KOPPELL, PHD Dean

KEVIN DESOUZA, PHD Associate Dean for Research

CYNTHIA LIETZ, PHD Associate Dean, Academic Affairs

> DANA NEWELL, MA Assistant Dean

KATHLEEN ANDERECK, PHD Director of Curricular Initiatives Director, School of Community Resources and Development

> MICHELLE MOHR CARNEY, PHD Director, School of Social Work

KAREN MOSSBERGER, PHD Director, School of Public Affairs

CASSIA SPOHN, PHD Director, School of Criminology and Criminal Justice

WENDY HULTSMAN, PHD School of Community Resources and Development

COLLEGE OF PUBLIC SERVICE & COMMUNITY SOLUTIONS CONVOCATION

Thursday, May 14, 2015 9:00 a.m., Wells Fargo Arena ASU Tempe Campus

PROCESSIONAL

"Pomp and Circumstance" — Sir Edward Elgar Sonoran Brass Quintet

FLAG PRESENTATION

ASU Air Force ROTC

THE NATIONAL ANTHEM

"The Star Spangled Banner" — Francis Scott Key Performed by Priority Male

STUDENT AWARDEES

College of Public Service & Community Solutions Courtney Carter, School of Public Affairs

School of Community Resources and Development Milo Neild

School of Criminology and Criminal Justice Stephanie Morse

> School of Public Affairs Fatemah Bernard

School of Social Work Molly Gebler

PRESENTATION OF GRADUATES

Alma Mater — Arizona State University Music and Words by Ernest Hopkins and Miles Dresskell

RECESSIONAL

COLLEGE OF PUBLIC SERVICE AND COMMUNITY SOLUTIONS

The College of Public Service & Community Solutions is made up of four schools and 17 research centers—all with a shared goal of advancing research and discovery of public value, and furthering the economic, social, cultural and overall health of the communities that we serve.

Our degree programs cover the spectrum of public service, including public policy, social work, criminology and criminal justice, nonprofit leadership, emergency management, community development and more. We are preparing a workforce to take on complex issues. At the same time, our students are making a difference today. Through service-based learning, they put ideas into action.

Our research addresses challenges that affect us both locally and globally. We are developing solutions to issues ranging from child welfare to neighborhood safety, city management to human trafficking, water scarcity to tourism development. Together, we bring creativity, systems-level thinking and entrepreneurial spirit to our mission of creating, sustaining and promoting dynamic, prosperous communities.

THE SCHOOLS IN THE COLLEGE OF PUBLIC SERVICE AND COMMUNITY SOLUTIONS

The School of Community Resources and Development students, faculty and staff share a commitment to making communities better places to live, work and visit. The fields within our School are extremely diverse and involve the private, government and nonprofit sectors of the economy. The concept of building sustainable and healthy communities is the unifying principle encompassing our School's focus areas of community sports management, parks and recreation management, tourism development and management, and nonprofit leadership and management.

The School of Criminology and Criminal Justice merges theory and practice. This occurs in the teaching, research and service activities of our faculty, students and alumni. The convenient downtown Phoenix location makes the School accessible to working professionals and traditional students. In addition, the location of major criminal justice agencies downtown enhances the opportunities for instruction, practice and internships for all students. The School offers bachelor's, master's and doctoral degree programs as well as certificates. The curriculum is delivered both in-class and online.

The School of Public Affairs is continuing its long tradition of developing outstanding public leaders; people who are committed to making a difference in our world and who are well prepared to meet the rigorous demands and substantial challenges of the future. We offer innovative educational and professional opportunities to help build strong and more effective leaders. We are the only public administration program in the Phoenix area to be accredited by the National Association of Schools of Public Affairs and Administration (NASPAA) and are consistently ranked among the top 20 public affairs schools in the country.

The School of Social Work strives to develop and provide access to innovative social services that allow disadvantaged families and communities to prosper. We are among the largest and most diverse social work programs in the U.S., with over 1,400 students now enrolled at our Phoenix and Tucson locations, and with more than 10,000 alumni. We offer bachelor's, master's and doctoral degrees, as well as many certificate and continuing professional education programs. Our students intern at more than 800 field placement sites. Extensive online and nontraditional courses facilitate access to those with varying schedules and needs.

THE CENTERS, INSTITUTES AND PROGRAMS

Bob Ramsey Executive Education

Bob Ramsey Executive Education is dedicated to improving the effectiveness of the people and organizations that serve communities. Through the center's programs and seminars, public service professionals can enhance their management and leadership competencies and can earn the Certified Public Manager®, Certified Municipal

Clerk, or Master Municipal Clerk credential. The center also assists state, local, and tribal governments with the implementation of their staff development initiatives.

Center for Applied Behavioral Health Policy

The Center conducts research, provides program development and evaluation services, and designs and conducts workforce development initiatives to improve policies and programs that affect people with substance use disorders or mental illness.

The Center for Emergency Management and Homeland Security

The Center fuses academics, research and solution delivery capabilities to meet crisis mitigation, response and recovery needs of government and private sector stakeholders today, and train the public management professionals of tomorrow.

The Center for Organization Research and Design

The Center promotes, supports and conducts fundamental research on public, nonprofit and hybrid organizations and their design. Its emphasis is on attention to new organizational forms and designs in science- and knowledge-intensive organizations and technology-intensive aspects of nontechnical organizations.

Center for Policy Informatics

The Center leverages cutting-edge technology and cross-disciplinary theory to help individuals and communities make and evaluate policy choices. It develops policy-relevant models that balance the complexity of real-world phenomenon with transparent, actionable evidence.

Center for Social Cohesion

The Center for Social Cohesion, a project of Arizona State University in partnership with the New America Foundation, is dedicated to studying the forces that shape our sense of social unity. Wholly non-partisan, pluralistic and multidisciplinary in outlook, the Center seeks to promote understanding of how diverse societies cohere.

Center for Science, Technology and Environmental Policy Studies

C-STEPS promotes collaborative research among faculty, postdoc graduate students, scientists and practitioners on interdisciplinary problems related to science, technology, information and the environment.

Center for Sustainable Tourism

The Center for Sustainable Tourism is devoted to studying the role of tourism in community development in order to strengthen its contribution to viable economic, social and environmental systems, especially in megapolitan regions around the world – aptly named tourism for the public good.

Center for Urban Innovation

A focal point for research on urban affairs, the Center for Urban Innovation is working to improve the quality of life in neighborhoods, cities and urban regions by promoting innovation in governance, policy and management. The Center also leads ASU's partnership in the Alliance for Innovation, an international network of progressive governments and partners committed to transforming local government by accelerating the development and dissemination of innovations.

Center for Violence Prevention and Community Safety

The Center brings together scholars from social, behavioral and humanistic backgrounds to conduct research confronting international, regional and local problems for the purpose of conceiving and implementing policies, programs and practices grounded in evidence.

Lodestar Center for Philanthropy and Nonprofit Innovation

The ASU Lodestar Center builds the capacity of the social sector by enhancing the effectiveness of those who lead, manage and support nonprofit organizations. It promotes the understanding of the nonprofit sector and philanthropy in community life, with a particular focus on effective practices that help organizations meet their missions.

Morrison Institute for Public Policy

Morrison Institute bridges the gap between academic scholarship and public policy development through independent research and services to public and private sector clients. The Institute researches public policies that impact Greater Phoenix, the state of Arizona and the nation.

Office of Sex Trafficking Intervention Research

The Office of Sex Trafficking Intervention Research is a central source for data collection, dissemination, and solutions on domestic sex trafficking to help inform the decisions made by those who contact victims and perpetrators of sex trafficking including law enforcement and prosecutors, educators, and those in medical and social services.

Osher Lifelong Learning Institute at ASU

The Osher Lifelong Learning Institute at ASU provides university-quality learning experiences for adults ages 50 and over through diverse short courses and lectures, campus-based learning opportunities and civic engagement initiatives.

Partnership for Community Development

The Partnership works to build collaborative relationships among public and private community organizations to address critical community needs.

Policy Analytics Lab

Policy Analytics Lab (PAL) is a computing environment modeled using the Decision Theater framework where students, researchers, and community members can collaborate to tackle complex problems and design innovative solutions to some of the most pressing local and global governance challenges.

Southwest Interdisciplinary Research Center

The Center conducts transdisciplinary minority health and health disparities research, research education training, and community outreach and engagement on drug abuse, mental health and HIV/AIDS.

UNIVERSITY WIDE INITIATIVES HOUSED IN THE COLLEGE

Mandela Washington Fellows Program Nina Mason Pulliam Legacy Scholars Public Service Academy Spirit of Service Scholars Program Tip of the Fork University Design Consortium

BACHELOR OF APPLIED SCIENCE

APPLIED SCIENCE (EMERGENCY MANAGEMENT) Gabriel Joseph Ulibarri

BACHELOR OF ARTS

URBAN AND METROPOLITAN STUDIES Connor Patrick Descheemaker

BACHELOR OF SCIENCE

CRIMINAL JUSTICE AND CRIMINOLOGY E Erica Acuna Abeer Ahmed Abdulrahman Abdulla Alawadhi Thomas Lee Aldrete III Janna Raye Aldrete-Morgan Mohamed Talal Ali Mohamed Talal Ali Mohamed Alkhoori Christian Jamie Alvarez Cassandra Alves Jessica Reina Amado Julio Cesar Andalon Jeanette Renee Anderson Tracy May Andrews

Edward Paul Armijo Jesus Edward Arredondo Jasmine Alina Arroyo Christopher Ray Arvayo Amy Marie Augee Melissa Lee Avila Ulysses George Avila Edwin Manuel Baeza Brett Michael Baldwin Monica Yvonne Barrett Alberto Bautista Kayla Nicole Becenti Samuel Hudson Benjamin Jacob Andrew Benson Cayden Parker Bernstein Alexandra Kathryn Bezuyen Morgan Lee Bigelow Evan Taylor Booth Blake C. Boswell Christine Ann Bradshaw Daniel James Brazner Jessica Lynn Broom Brianna Danielle Brown Rachael Ellen Bunch Patrick John Burke Joanna Patricia Bustamante Ilona Byrd Carlos Caballero, Jr. Monique Campbell Zach William Rangely Carey Matthew Donald Castle Nicholas Michael Catanzaro Kirsten Joy Catmull Yvonne Choyee Chau Boyd Joseph Chewing Charles Joseph Chilla IV Adam Christian Taryn Marie Christianson Kaisa Sonia Clark Rachel Leigh Coleman Kelly Jeffrey Collette Cody Allan Conklin Jorge Contreras Daniel Evan Cota Anthony Francis Cuozzo IV Ericka Elaine Davis Stephen Andrew Day II Jasmine Gertrudis De Los Rios Kerri Maureen Dennis Mariacella DeJesus Diaz Nhung Doan Stephanie Dojaquez Starla Elizabeth Doss-Saldarini Sabrina Eleanora Drummond Joshua Stephen Duncan Travis George Dunn Kristin Yeong Eales Brian Christopher Elmore Austin Andrew Emmert Karla Natali Esparza Noemi Espino Enrico M. Espiritu Matthew Ettinger May Ann Adorio Fajardo Brittany Yugoslavia Ferguson David Alexander Fernandez Lindsey Fernandez Jonathan Andrew Ferraro Rebecca Winifred Fiala Susan L. Fischer Jessica Pamela Flores Rachel Elizabeth Foster Nicole Elizabeth Fox Theodore Scott Howard French William Cody Frommling Jaqueline Aydee Fuentes Antonio Michael Furno Anna Lee Gailfus Anahi R. Garcia Heather I. Gardner Sophia Vadimovna Gardner Shawn Gregory Garrett

Bertha Elena Gausin Bryan Scott Gillies Colton James Godman Danielle Lyn Goldman Juan Fransico Gonzales, Jr. Robert R. Gonzales III Alyssa Lydia Gonzalez Ivonne Dayana Gonzalez Kayla Taylor Goodman Jennifer Lynn Gray Maiya Shantee Griffin Nicole Elaine Groves Jeffrey Charles Grow Kassandra Denyce Guerrero Eric James Haakenson Alec Nicholas Habeeb Matthew Ryan Hackbarth Alexia Lynn Haley Candace Lynn Hansen Matthew Steven Harer Russell Dean Harris Christine Adele Harrod Bart Wayne Hatch Stephanie Nicole Haygan Leigha M. Henson Jonathan James Olen Hepp Jacqueline Hernandez Lizette Hernandez Bryce Alexander Hicok Zachary Colton Hines Julie Ann Holmen Nashly Gail Horn Victoria Regan Houle Devin Hultenius Hannah Rae Hutchings Samir Munir Innabi Elijah Jenkins Deleyna Leigh Jensen Rebecca Gabriela Jimenez Sylvia Marie Jimenez Jonathon Richard Johnske Van Johnson Geena Rachel Jones Michael Richard Juliano Shelise Marie Kahn Jennifer Ann Kellev Samantha Rae Kiely Camillo Kim Jeanine Knapp Kyle Francis Kowalski Laurel Joann Kruser David Lamas Brenton J. Lange Camille Marie LaPierre Amy Solinda Larsen Jong Yeon Lee

Ryan Alan Leslie Michael Joseph Licari Kyle Ray Lillie Caitlin Elizabeth Lopez Sarah Herlinda Lopez Joshua Eugene Lougee Tara Mariah Lucero Tracie Rochelle Lugo Daniel Logan Maccallum Michael Maciel Colleen Patricia Mahoney Rubeena Rios Malik Chelsea Lee Manginelli Krysta Lee Mangum Layla D. Maroufkhani Luis Octavio Marquez Heather Marie Marter Nathan Troy Martin Daniel A. Martinez Jesus Alan Martinez Sarina Martinez Brittany Jo Mason Kayla Deanna Mason Alvssa Lvnn Mav Kasey Marie Mayer Susan R. Mayhugh Alexandra Mayorga Maria G. McAlister Robert Daniel Mcardle Kellev Lane Mcdonald Veronica Lynn McGrew Nikole Rae McKinney Brittany Kayla Mckittrick Mayra Mendoza Keith Daniel Metcalf Aaron Samuel Miles Elias Justin Miles Nii Adjebu Osah Mills Natasha Marie Milosevich Polet Patricia Miranda Joseph H. Montgomery Wade Garrett Moody Malibu Devin Moore Stephanie Jean Morse Nicholas Arthur Narevsky Briana Huyen Nguyen Cathy Ngoc Yen Nguyen Alexandria Marie Nunez Desiree Ann Oakes Trevor Scott Olin Jeremv R. Olsen Melissa Esmeralda Orellana Jessica Florisa Orosco Martin Alonzo Orozco Shavann Dee Orta Rachel Marie Pahls

Joshua Nicholas Park Matthew Ryan Peterson Jennifer Marette Pitts Cristina Quintana Hugo Quiroz Gabriel King Radley Corina Shadday Ramirez Deanna Marie Ramirez Ivan Ramirez Robert Andrew Ravago Joseph Christopher Rawlings Timothy Allison Read Matthew Lawrence Reilly Esmeraida Renteria Nicholas Lee Reppert Weston David Maclean Ress Daniel Jordan Rhey Geoffrey Lynn Riggs, Jr. Rebecca Marissa Mendoza Rivas Alexandria Rivera Mitchell Edward Robelotto Erin Elyse Robertson Cindi Ann Robinson Pedro Rodriguez Breanna Lakisha Rodriquez Edith Rojas Aldo Romero Ariana Rosas Deidra Rosenlof Albert Matthew Ruiz Erika Marlene Ruiz Gabriel Carlos Ruiz Walter Alejandro Salazar Mitchell E. Sanabria Erica Sanchez Gina Yvette Sanchez Erica Annette Sandoval Fernando Sandoval Tyler Brandon Sankey Nicole Carmen Schettino Hanna Elise Schmitz Joshua Ryan Schumacker Robert Kyle Schuster Adam Nicholas Shane Kimberly Ann Shely Sean Sherlock Nathanael Paul Shermett Griff Rolland Sickendick Jesenia Silva Brittany Leah Smith Kelly Jean Snarr Valerie Marie Soto Brooklin Nicole Spychalski Marena Michelle Stockdale

Jasmine Sumpter Brian Seiha Tan Brittni Lynn Tankersley Shelby Joy Tarrant Sabren Ismail Tawil Samir Ismail Tawil Clayton Lee Taylor Dylan Fredrick Tedesco Raquel Terriquez Megan Lynn Thompson Emilio Christopher Torres Michael Conrad Trier II Kevin Robert Trujillo Keith John Trybus Veronda Jean Tsosie Lauren Marie Ulrich Christopher Matthew Urvinitka Charlene Ann Uzzanti Elizabeth Varela Madeleine Venegas Natalie Caroline Verdina David Frederick Wagner Makenzi Leigh Wagner Jason Wesley Walker Shannon Nicole Wallace Lindsay Jo Walsh Alexander Warfield William Ben Weatherby Nick P. Webb Ashton Nicole Webster Autumn Alexis West Melissa Louise Westbrook Richard Charles Westover, Jr. Cassandra Rae Wheeler Stephen Deon Wiggins Jahlisa Nyiel Williams Thomas Richard Willis Julie Helen Wise Lisa Renee Wiseman Vanessa Ybarra Ashlev Nicole Yunck Carlos Joel Zapata Ryan Anthony Zavala

NONPROFIT LEADERSHIP AND MANAGEMENT

Katelyn Danielle Alberty Karla Tatiana Chavez Leslie Jeanne Croy Monica Leeanna Danielson Erika Elizabeth Green Kaitlyn Pennington Holmgren Darla Anne Lopresti Tami Lyn Marks Devin Duane Oakes Carissa Marie Oberlin Jade Victoria Robinson Jessica Mara Turnansky

PARKS & RECREATION MANAGEMENT (THERAPEUTIC RECREATION)

Ariel Kay Howard Bailey Kay Howard Corey Alan Kunes Tara Morgan Pugh Aara Regine Rutherford Gianna Marie Wiggins

PARKS AND RECREATION MANAGEMENT

Jessica Lee Bogucki Alicia Erin DiJulio Felipe Rosas Estrella Jamie Catherine Knowlton Kevin Michael Kunce Burton R. Lash Scott Alexander Lenz Tyler Austin Meester Turquoise Felice Neal Milo Anthony Neild Richard Cerda Ortiz Chase Allen Sherlock Sean Patrick Turgeon

PUBLIC SERVICE & PUBLIC POLICY Crispin Chavira Alvarez Willard Wayne Antone III Fatemah Latasha Bernard Luis Gilberto Cardenas Camacho Mamie E. Coffey Antwan Cornelius Davis Gerard Allen Davis Marlowe Harland Dickerson Nicholas John Gill Jesus Gonzalez Weidong Hong Damon N. Hutchinson William Charles Novak James Magisto Otiho Rachel Ann Paulson Janeen Rae Phillips Brandi Ann Samaniego Renee Rose Sullivan

PUBLIC SERVICE AND PUBLIC POLICY (CRIMINOLOGY)

Joshua Michael Cerri Felix Del Campo Cervantes III Brian Joseph Gallagher Mariah Yolanda Gamez Daniel Joseph Mendoza Joseph Galletti Ortuno Donald Norman Peters Tiana Nicole Tafoya Sacha Amilia Ten Olivia Zelaya

PUBLIC SERVICE AND PUBLIC POLICY (NONPROFIT LEADERSHIP AND MANAGEMENT) Hunter Lorelle Jalilvand

Elisia Dominga Jasso Lizbeth Luna

PUBLIC SERVICE AND PUBLIC POLICY (LAW AND POLICY) Alessandra C. Bermudez PUBLIC SERVICE AND PUBLIC POLICY (SUSTAINABILITY)

Cristy Marie Courtney Brianne Margaret Fisher

TOURISM

DEVELOPMENT AND MANAGEMENT Genesis Tamara Aguilera Jayne Irene Barnes Roberta Benforte Danielle Elizabeth Borsje Laura Melina Conroy Amanda Rachel Currivan Sawyer Coe Fitzgerald Carrie AnnMarie Greelv Emily Rose Groh Ashley Renee Hill Eunice Seulgi Kang Richard Carter Keenan Kaylee Lawton Jenna Nicole Lund Mandy Irene Martin Mayra Alejandra Martinez Mackenzie Jo Pena Ann Marie Portillo Stephanie Rachel Salisbury Dejan Stojinovic Johanna Lilly Turner

Alison Elena White Ave Danielle Wright Trevor Cole Young

TOURISM DEVELOPMENT AND MANAGEMENT (RESORT AND HOTEL LEADERSHIP) Corinne Michelle Brown Alejandra Trujillo Lode

TOURISM DEVELOPMENT AND MANAGEMENT (SUSTAINABLE TOURISM) Kimberly Sue Carson Spencer Avery-Santos Hunter Alyssa Hurt Nicholas Michael Moran

URBAN AND METROPOLITAN STUDIES

Courtney Demarcco Carter Michael James Cook Gabriella Christine Lion Shane Daniel Thompson

BACHELOR OF SOCIAL WORK

Tracey Lynn Abrego Alicia Adair Jessica Herminia Agustin Zebunnessa Maria Ahmed Leon Ahouelete Amouzouvi Marlayna Ashley Anderson Renee Kathleen Andre Kegan Scott Andres Julia Ann Apodaca Joseph Edward Apostle Ana Esabel Arias Vienna Lee Aslanian Verenice Avina Maria Elena Ayala Shane Tyler Baker Steven Anthony Bauman Amanda Becher Lisa Deanne Berger Marquita Lynette Bernard Stephanie Marie Bilandzija Jennifer Susan Bloomer

Tiffany Bryanna Bonesteel Lauren Joy Border Shawnae Helene Brangman Ashlev Nicole Brav Samantha June Rose Brooks Alisa Rae Bruzonsky Thong Van Bui Naomi Elizabeth Cardenas Karina M. Castellanos Jennifer Camarena Castro Madelaina F. Chable-Barrett Dominique Lourdes Chavez Estela Jesus Chavez Juliana Chavez Cynthia Ann Chinn Anna Daniela Cisneros Grabowski Clavton Michelle Lynn Coldwell Leslie Marie Collier Rebecca Marie Congdon Erlinda Monique Contreras

David Corona, Jr. Naomee Cortez Samantha Diaz Meghann Elizabeth Ditsch Roisin Elizabeth Doy Sabrina Eleanora Drummond Emily Anissa Eckley Andrew C. Elliott Taryn Alexandra Elwess Alejandra Escanuela Danielle Ann Estrella Darlene Marie Felix Shayla Gardenia Felix Nicole Elizabeth Flanagan Florencia Soledad Fragala Tonya Miles Freestone Nicola Eileen Fulk Aisha Garcia Brittany Nicole Garcia Lilliana Garcia Jesselle Pricsilla Gascon

Samantha Louise Gilmore Joyce Anne Glorioso Wendy Lee Glover Sylvia Anne Green **Richard Montgomery Griffith** Alinah Naandi Hall Monique Damaris Hall Sydnee Michelle Hall Marissa Kendra Hansen Edward Anthony Hernandez Jordan Hill Jennifer Cathlynn Hinkle Kaitlyn Elizabeth Hoffman Anneliese Elfriede Hollobaugh Samantha Ashley Horn-Reynolds Lauren Christine Hovey Fatuma Omar Imanke Caitlin Nicole Ivey Michael Scott Katz Arielle Desiree Kellev Jennifer Ann Kelley Christine M. Linehan Chervl Lvnn Lomakema Shannon D. Lucas Meagan Lynn Maccleary Samantha Nicole Maltese

Arminda Marcial Jeannette Evelyn Martin Cassandra Elizabeth Mayber Carina Araceli Mazon-Jimenez Cody Jones Mcgiffin Johara Medina Kirby Faye Milner Caitlin Lenox Mitchell Maria Cocio Molina Irene R. Monticelli Helen Lucille Moreno Cheryl Amanda Moriel Noemi Lizet Moya Erica Leigh Nemeth Peter Thongbor Ngor Lynda Kaye Nosko Yadithza Ozuna Keely Marie Parrish Margaret Louise Pelissero Maria Lourdes Peralta Melissa Lynn Perver Hong Hanh Thi Pham Abigail Ramirez Francisco Ramirez Terra Larie Reese Anne Theresa Reynolds

Dianna Ringwald Icela Morales Rivera Ira Ruta Roach Rachel Re Roberts Skyler Katheline Roberts Constance Ann Rollins Delfina Sarah Romero Emily Katherine Roward Steve C. Salazar Heather Tiffany Hyde Sieh Eric Tilden Stanley Emily Turner Stucki Lisa Merrie Synco Cristal Violet Tafoya Regina Lee Talavera Dennis Lee Tolliver, Jr. Benette Valdillez Skylar Jaide Van Someren Arturo Virgen-Sandoval Yesenia Vizcarra Melinda Marie Watts Michelle Marie Weisman Shae Richardson Whiteman Cvnthia Lorraine Williams-Eatman Adrian Laurie Work

HERBERGER INSTITUTE FOR DESIGN AND THE ARTS (Established 1964)

STEVEN TEPPER, PHD Dean

MICHAEL UNDERHILL, MCP-UD Senior Associate Dean

JENNIFER SETLOW, MFA Associate Dean for Students

SANDRA STAUFFER, PHD Associate Dean for Academic Personnel

> TAMARA UNDERINER, PHD Associate Dean for Research

PATRICK SMITH, MBA Assistant Dean for Finance and Operations

> KATHRYN MAXWELL, MFA Acting Director, School of Art

SHA XIN WEI, PHD Director, School of Arts, Media + Engineering

> CRAIG BARTON, MARCH Director, The Design School

JAKE PINHOLSTER, MFA Director, School of Film, Dance and Theatre

> HEATHER LANDES, PHD Director, School of Music

GORDON KNOX, MPHIL Director, ASU Art Museum

HERBERGER INSTITUTE FOR DESIGN AND THE ARTS CONVOCATION

Wednesday, May 13, 2015 9:00 a.m., Wells Fargo Arena ASU Tempe Campus

PROCESSIONAL

Pomp and Circumstance — Sir Edward Elgar

WELCOME

Steven Tepper, Dean

GREETINGS FROM THE FACULTY

John Risseeuw, Professor, School of Art

THE ALUMNI ASSOCIATION OUTSTANDING GRADUATE AWARD

Carlos Castaneda Lechuga, Bachelor of Music (Music Education)

PRESENTATION OF UNDERGRADUATE RECIPIENTS

School of Art: Hilary Harp, Associate Director School of Arts, Media + Engineering: Garth Paine, Associate Professor The Design School: Lauren McDermott, Assistant Director School of Music: Marg Schmidt, Assistant Director School of Film, Dance and Theatre: Jake Pinholster, Director Cross-Institute Degrees: Jennifer Setlow, Associate Dean for Students

PRESENTATION OF GRADUATE RECIPIENTS

School of Art: Forrest Solis, Assistant Director School of Arts, Media + Engineering: Sha Xin Wei, Director The Design School: Joseph Ewan, Assistant Director School of Music: Robert Oldani, Assistant Director School of Film, Dance and Theatre: Bonnie Eckard, Director of Graduate Studies Doctoral Degrees: Jennifer Setlow, Associate Dean for Students

CLOSING REMARKS

Steven Tepper, Dean

RECESSIONAL

ABOUT THE HERBERGER INSTITUTE FOR DESIGN AND THE ARTS

The ASU Herberger Institute for Design and the Arts leads an exploration of the contemporary human condition through creative practice and research, bringing together a unique array of disciplines that allow for distinctive opportunities for collaboration. Continually striving to enable design and arts students to succeed beyond graduation, the Herberger Institute consists of the following five schools: Art; Arts, Media + Engineering; Design; Film, Dance and Theatre; and Music. More than 4,700 students are supported by over 675 faculty and faculty associates and 155 staff offering a total of 135 degree programs and concentrations. The ASU Art Museum supports research initiatives while diverse community engagement

projects enable students and faculty to interact with the public through meaningful partnerships.

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 us on the Web at herbergerinstitute.asu.edu/ alumni.

BACHELOR OF ARTS

ART (ART HISTORY)

Jennifer Lauren Brandon Casey Laine Daigle Guinevere De Brunier Ivy Vanessa Delfin Kelley May Garvin Jacqueline Suzanne Gornbein Sedona Lee Heidinger Jessika Christine Kearns Kristvn Cathleen Kozar Sarah Louise Matchette Justin Michael Mcgrellis Raymond J. Nguyen **Rachell Michell Pierce** Lauren Siobhan Mary Prentice Arlyn Rae Schmuck Katarina Ana Thorlin Sara Rowe Troup Collin Timothy Van Orden Melanie Ann Milem Weech

ART (ART STUDIES)

Alejandro Aguilar Andrew Joseph Caruso Kiana Malena Cates Adrienne Driggs Alexandra Oria Hoeschen Kathryn Elizabeth Hunkele Lindsey Jeanice Hutchinson Daryl Bia Kaisem Christina Marie Krumwiede Tess Louise Newton Mcdonald Emily Marie Riordan Katherine Anne Schwab Lee Jacob Taylor Megan Brooke Thomas Quetzal Vargas

ART (MUSEUM STUDIES)

Cindy Alexis Anguiano Olivia Louise Friend Erika Christina Hansen Kristyn Cathleen Kozar Sarah Louise Matchette Melanie Ann Milem Weech

DESIGN STUDIES

Eric Alan Badoni Christopher Wayne Bailey Jess Michael Bazer Joe Alex Begay Jordan Gregory Beletz Joseph Robert Brodsky Noah Estel Brown Sophia Maria Louisa Cota Robert Lee Deans Carson David Fitch Catherine Elizabeth Frazier Andrea Gongora Jarvis Gonzalez Cathleen Matusiak Kebert Jae Ho Kim Giang T. Le Hao Lin Eryn Michelle Neumeyer Christiane Dan Paulino Ouintans Taylor Timothy Slattery Jennifer Rae Ulacco Laura Marie Walton Haotian Xu Yongshi Zhao

DESIGN STUDIES (DESIGN MANAGEMENT) Jared Lee Andrew Tiffany Lyn Bewley Raven June Blackwell Chloe Joan Bosmenv Brandon Eric Camino Danielle Cane Kelsea Jennifer Chapel Jeremy Chevallier Patrick Nelson Collins Kelly Marie Condon Melia Ann Coury Renee Alexandra Coyle Cheman John Cuan Rebecca Leigh Dangler Sara Michelle Denorch Michael Jonathan Foshee Samantha Michele Gutierrez Brittany Ann Herold Caitlin M. Hilton Tania Karina Ibanez Edmund Alexander Jolley Jameson Stephen Knop Liana Kutos Kayla Marie Laut Yong Ho Lee Kah-Leong Carl Low Karina Judith Macias Amanda Jean Mains Elizabeth Teresa Martinez Danny Stephen Mcmahon Mourissa Lerae Mullen Nhi N. Nguyen Julia Ann Olivas Matthew Nicolls Olnev Vanessa Shanice Pablo Jeremy Palmer Derek Duane Pitsch Sabrina Marie Polanco Taylor Haze Rice

Ariadna Fabiola Ruiz Rachel Sarah Schauer Christine Marie Seime Christian Kyle Shappee Ashley Renee Shearer Tori Elizabeth Smith Lindsay Grace Ungerman Joseph Conte Viterbo Daniel Gregory Volker Jon Paul Orrock White

DIGITAL CULTURE (ART)

James Havasu Bird Louise Sicat Dy Quiangco Austin James Larsen Lindsay Marie McLean Josef Krishna Rahaman Dia Rei Saito Daniel Oliver West Ashley Blake Williams

DIGITAL CULTURE (ARTS AND DESIGN STUDIES) Victoria Rose Janacek

DIGITAL CULTURE (DESIGN)

Christian Cammarota Kevin C. Klawinski Nhi N. Nguyen Shelby Lee Staats Yongshi Zhao

DIGITAL CULTURE (FILM)

Garrett Michael Burns Salvatore Anthony Conte, Jr. Brittany Nicole Jeska Samuel David Pareti Domenique Nicole White

DIGITAL CULTURE (MEDIA PROCESSING)

Christine Lam Ryan Daniel Maloney

DIGITAL CULTURE (MUSIC) Corey Michael Dillier Serena Louise Fonze Markus Horst Florian Rennemann Brayden James Schmidt Gabriel Benjamin Skorski Jordan Tyler Sussman

DIGITAL CULTURE (TECHNOLOGICAL ENTREPRENEURSHIP) David Jay Strauss

FILM (FILM AND

MEDIA PRODUCTION)

Jennifer Dorothy Berky Elaine Mahoney Casap Stephanie Kristine Dobash Alfredo Enriquez Daniel Guyton Escolin Taylor Sierra Freeman Zachary Aaron Gasper Vanessa Nicole Hodges Christopher Andres Burruel Homa Zachary Loren Jones Nicholas Taylor Lehn Clayton Ross McDougall Susan Kelly Mueller Rayven Palmer Matthew Rhys Powell Saxon Michael Richardson Sara Adele Spencer Kyle David Steeno Tyler Joseph Tang Melaina Shea Wright

FILM (FILMMAKING PRACTICES)

Jacob Woodd Alconcel Dvlan Trov Arndt Andrew Britt Baldock Juanita Barreto Barreto Jose Esteban Chavira Ivan Chong Nathan De Leon Mason Harmon Diaz Rebecca Hope Eckert Stephanie Gamez Victoria Manette Geske Austin R. Gill Kathryn Ann Hall Alyssa Adele Hansen Joshua Patrick Harty James Reece Johnson Amena Kheshtchin-Kamel Zachary August Kimble Nicole Kathryn Kinsel Benjamin Allan Kitnick Sasha Brigitte Knock

Daniel Lane Samuel Joon ho Lee Erik Lien David Joel McGee Luiz Augusto Mostardeiro Meneghim Andre Joseph Monaco **Richard Gene Mulvihill** Kyle John Nelson Kylin Tyler Nelson Frank Nicholas Poon Isaiah Jamal Powers Sydney Erica Richards Kimberly Jean Rodhouse Andv Santos Tarin Michael Sherwood Joseph Clifford Sorce Dario Bartolome Soto Kara Lynn Uranga Luke Everett Williams

MUSIC

Joshua Michael Hontz Benjamin Henry Paley Jazzly Moné Ramirez Emi Eileen Smith Tyler Cornelius Smith Melissa Ann Zimmermann

THE ARTS

Kate Elizabeth Allen Juan-Javier Talero Bautista III Elva-Victoria Suzzanne Lopez Matthew Cutter Videan Samuel Emmett Wilkes

THEATRE

Jessica Jerrijo Badilla Chavez Paul Benally Owen Patrick Kneeland Eric Christopher Lambert Samuel Joon Ho Lee Ashley Danielle Maner Corrinne Nicole Mann Christa Nichole Markley Sean Ryan Mcbride Lauren Elizabeth Mckay Amanda Dolores Michalek Ashley Miller Jonathan Alan Moore Gene Woo Park Zachariah Edward Ragatz Adriana Lorena Ramos Colton Wilson Robertson Farrell Jay Roland

Tatum Elizabeth Santiago Canyon Moon Stewart Michelle Renee Thompson Marshall Ross Vosler THEATRE (ACTING) Tyler Jacob Burke Tess Maria Hernandez Jose Luis Martinez Hayla Stewart

THEATRE (DESIGN AND PRODUCTION) Hailey Ann Featherstone Briana Nichole Gaydusek Kelsey Christian Kelleher Jiwon Lee Lauren Noel Nichols

BACHELOR OF FINE ARTS

ART (ART EDUCATION)

Ashley Moriah Britt Anastasia Cross Chelsea Esther De La Cruz Fernando Diaz Sara Lynn Drury Jacob Alexander Fendley Monica Hernandez Vanessa Madrid Carolyn Sarah-Anne Rice Patsy Sandoval Karena Brianne Snow Mashaida Nicole Tran Heather Lea Tucker

ART (DRAWING)

Casey Jessie Blake Courbyne Jode Bufford Joseph Bartholomew Coppola Kenneth Christian Curtis Amber Danielle Fryer Kristen M. Granado Jordan Ryan Lloyd Grimaud Nicole Ashley Lechner Amanda Danielle Litzinger Sara Beth Lucas Brittany Michelle Miles Duncan Beck Reid Aleyna Michelle Rigby Summer Jasmine Rue Hannah Gloria Sydiongco Trang Thuy Ta Jonah Jerard Tenorio

Heather Lea Tucker Thomas Stewart West Richard James Wille

ART (FIBERS)

Maxie Phyllis Adler Sarah Elizabeth Grindle Noelle Nicolette Jenkins Cara Malka Zeidler

ART (INTERMEDIA)

Cassaundra Marie Burnell Ashley Monique Jones Ashley Rodriguez Taylor Shea Smothermon Elisabeth Eleanor Spaulding

ART (PAINTING)

Sarah Rebecca Black Anastasia Cross Alexis Bonet Larsen Laura Ann Matson Peter Michael Parr, Jr. Karena Brianne Snow Caitlin Ann Sterchi

ART (PHOTOGRAPHY)

Ashley Moriah Britt Blake Anthony Foxx Joanne Gerencser Ellen Caroline Hudson-Naef William Henry Jenkins, Jr. Robin Celeste Kiyutelluk Amanda Leann Mollindo Dana Christine Morton Melissa M. Nguyen Michael Warren Williams Aaron Nobuyuki Yamamoto

ART (PRINTMAKING)

Zachary Martin Bootz Ariana Monet' Lorena Essian Arana Sage Schulke

ART (SCULPTURE)

Spencer Tracy Brown Roxana Derakhshani Gabriela Bianca Gomez Gregory Jared Simoncic

DANCE

Elena Marie Kerr Paola Marie Rivera

DANCE (DANCE EDUCATION)

Jourdan Leigh Calvano Sarah Anne Johnson Jessica Irene Munoz Grace Whitney Pulliam Rylee Alexis Sammons Alexis Marie Stephens Michal Noelle Thompson Haley Adele Vago

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MUSIC EDUCATION

Cory Ryan Collins Christa Marie Cook Brennan Edward Harris Danielle Marie Hughes Courtney Mollie Kuhn Carlos Jobany Castaneda Lechuga Alicia Raquel Villarreal Kadi Leigh Weinland

MUSIC EDUCATION

(INSTRUMENTAL) Tehvon Dushee Fowler-Chapman Kyle Eugene Smith

MUSIC THERAPY Stephanie Ann Brake

Steven Paul Stutzke

BACHELOR OF MUSIC

PERFORMANCE (JAZZ)

Sean Patrick Busch Matthew David Friedland Scott Min Gleason Raymond Russell Lebert Ross Elliot Lewicki Chaz Quinton Martineau Sean Wesley Mcdaniel David Alexander Paonessa Alex David Young

PERFORMANCE (KEYBOARD) Robert Paul Avril Jacob M. Hofeling

Karen Tran Nguyen Danqing Xu

PERFORMANCE

(MUSIC THEATRE) Marina Blue Jarrette Melissa Rose Modifer Elizabeth Mary Wood Neitge

PERFORMANCE (ORCHESTRAL INSTRUMENT) Edouard Christophe Beyens Mary Katherine Cook Jonathan Aaron Kaplan Shu Liu Stephanie Lorraine Martin Jordanna Rachael Matlock Jennifer Katherine Mayes Marguerite Rose Salajko Sabrina Jaclyn Salamone Chaz Oscar Salazar **Kyle Eugene Smith** Alexandra Elisabeth Toenniges Ashley Rose Wagner

THEORY AND COMPOSITION (COMPOSITION) Charles Gabriel Berry

BACHELOR OF SCIENCE IN DESIGN

ARCHITECTURAL STUDIES

Austin Daniel Baxter Andrea Gabriela Berrios Louis Bonin Christine Bui Simon Deng Andrew Francis Ditchey Jennifer Joyce Ellison Joshua Bradley Fletcher Kristin J. Godwin Kacy Joseph Green Cathleen Matusiak Kebert Chazandra Grace Kern Dane P. Lemma Aung Tun Lin Angela Marie Lufkin Rebecca Marie Manhardt Maiid Naderi Austin Taylor Nikkel Ponti O'Neill Merintha Kaelyn Pinson Arianna Pizzino Luis Fernando Quezada Daniel Paul Rodriguez

Hector Manuel Rodriguez Ryan Matthew Shindler Dillon Parker Smith Cristina Solis Kelton Scott Spresser Madison Paige Strakele Adrienne Nahyr Teran Emilie Marie Twilling Richard Norden van Horne LeAnne Marie Willittes Sevedeh Sara Alavi Zadeh

GRAPHIC DESIGN

Rick Albrecht Scott Edward Biersack Michael Chhay Nicole Jenna Dahlin Evelyn Krystal De La Cruz Jessie Christine Engler Sarah Darlene Flint Lizelle Galaz Lindsey Marie Gomez Brian Scott Groh Nathan James Hammond Michelle Elizabeth Gibson Hughes Benjamin Thomas Jackson Kirstie Lynn James Skyler James Kennon Phylander Kirk Kevin Leung **Taylor Francis Loutsis** Hannah Leona McLean Rebecca Elise McNamara Gabriel Vincent Moon Cailey Marie Nunez Samantha Marie Presley Lindsey Beth Quesnel Joseph Michael Raiton Heather May Rischmueller Amy Robinson Bradley R. Rubinstein Oscar Ricardo Saylor Jocelvn Ann Shaver Alessandra Lorene Sica Mark W. Small Brian Avard Shea Stevens Peidong Sun Ellenora Maria Tulkki Michael John Watts Stephanie Marie Williams

HOUSING AND COMMUNITY DEVELOPMENT Clifford Puckett III

INDUSTRIAL DESIGN

Jonathan Andrew Bennett Mengshu Cai Troy Anthony Cayon Yen-Ting Chiang Jason Michael Dewease William Lawrence Gutkowski Brittany Ann Herold Edmund Alexander Jolley Eun Hee Kim Alexander Boris Komerdelj Aleksandr Kuznetsov Jaeyeon Kwon Zhiyang Li Tyler Joseph Lippert Dizhou Luo Jessica Renee Petney Grant Dimit Sauer Christian Kyle Shappee Tori Elizabeth Smith Jessica Jo Stoll Travis John Thornton Jon Paul Orrock White Elizabeth Ann Williams

INTERIOR DESIGN

Fransisca Dea Charity Agusta Zoe Anna Albean Rawan Saeed Abdulla Mohamed Alkhuzai Daliyah M A A Alzahim Kimberly Marie Bailey Sandra Monique Maria Bitelli Alexandra Sofia Curtis Chelsea Lynn Duran Corrie Lynn Fox Jacqueline Mercedes Garay Hannah Elyse Gutierrez Alexandra Monique Hoover Nina Cecilie Knoph Audris Yong-Hui Lim Lauren Marie Lucio Karlin Lee Marg Sheelah Marie Noffz Nicole Mariah Pannuzzo Jungeun Park Anne Lauren Rice Lorin Leigh Saenz Amanda Jov Schactner Wutian Sun Kiana Taie-Tehrani Emily Anne Vester Joseph Conte Viterbo Dao Yu

BACHELOR OF SCIENCE IN LANDSCAPE ARCHITECTURE

Kheri Ann Armer-Newell Virgil Stephen Tambunting Artuz Jasmine Alexis Ballard Corinna Anne Barber Jordan Alexandra Buckley Dillon Marc Cooley David Fielding Goodwin Jessica Nicole Hines Alisha Kristal Hubbell Tania Karina Ibanez Linsie Olivia Kalland Zaneta Kaiying Kam Lesley Ann Minervini Dallen Tade Olsen Cassandra Ortega Kennetha Larrette Perkins Katherine Lauren Gray Reeves Jose Antonio Rizo Regina Cody Schmidt Christine Marie Seime Erin Jaye Torchia Lance C. Trowbridge Siying Wang

IRA A. FULTON SCHOOLS OF ENGINEERING (Established 1955)

PAUL C. JOHNSON, PHD Dean

MARCO SANTELLO, PHD Director, School of Biological and Health Systems Engineering

RONALD G. ASKIN, PHD Director, School of Computing, Informatics, and Decision Systems Engineering

G. EDWARD GIBSON, JR., PHD, PE Director, School of Sustainable Engineering and the Built Environment

> ANN MCKENNA, PHD Director, The Polytechnic School

STEPHEN M. PHILLIPS, PHD, PE Director, School of Electrical, Computer and Energy Engineering

KYLE D. SQUIRES, PHD Director, School for Engineering of Matter, Transport and Energy

> JAMES S. COLLOFELLO, PHD Associate Dean, Academic and Student Affairs

> > YONG-HANG ZHANG, PHD Associate Dean, Research Services

> > > EDWARD HALL, PHD Executive Associate Dean

IRA A. FULTON SCHOOLS OF ENGINEERING UNDERGRADUATE CONVOCATION

Wednesday, May 13, 2015 7:00 p.m., Wells Fargo Arena ASU Tempe Campus

PROCESSIONAL

REMARKS Paul C. Johnson, PhD Dean, Ira A. Fulton Schools of Engineering Bryce Muzzy School of Computing, Informatics, and Decision Systems Engineering

> Ira A. Fulton Chairman of the Board and CEO, Fulton Homes

AWARDS Ira A. Fulton Schools of Engineering Outstanding Graduate Brett Larsen, Electrical Engineering

Ira A. Fulton Schools of Engineering Teaching Award K. Selçuk Candan, PhD

PRESENTATION OF CLASS Readers

Peter Lafford Associate Research Professional, University Technology Office

> Jackie Martinez, PhD Associate Professor, School of Letters & Science

Helene Ossipov, PhD Associate Professor, School of International Letters and Cultures

> Andrew Ross, PhD Head, Learning Support Services School of International Letters and Cultures

OUTSTANDING UNDERGRADUATE STUDENTS

Aviation Programs – Logan Salaki Aerospace Engineering – Alison Gibson Biomedical Engineering – Katelyn Marie Conrad Chemical Engineering – Zachary Gordon Civil, Environmental and Sustainable Engineering – Steven Sherant Computer Science – Amy Baldwin Computer Systems Engineering – Brandon Caffie Construction Management – Mason Phillips Engineering – Randi Taylor Engineering Technology – David Wolfgramm Environmental & Resource Management – Frank Christopher Brown Electrical Engineering – Brett Larsen Engineering Management – Kaitlyn Smith Graphic Information Technology – Lindsey Baker Industrial and Organizational Psychology – Shinya Ishizaki Industrial Engineering – Kyle Brue Informatics – James White Materials Science and Engineering – Bethany Smith Mechanical Engineering – Andrew Barkan Manufacturing Engineering – Carl Scott Software Engineering – Kristopher Dorer Applied Science (Operation Management) – Rachel Janke

DISTINGUISHED GRADUATES

Alexander Arveson Julia Fisher Danielle Goossens Hannah Horeczko Bryce Muzzy Alyssa Oberman Nicholas Radda Jessica Schiltz John Templeton Miriam Woolley Jack Workman

CLOSING

Fulton Gonfalon Holder Kimberly McGuinness

ENGINEERING AT ARIZONA STATE UNIVERSITY

The Ira. A Fulton Schools of Engineering, ranked in the top 50 U.S. engineering schools, are home to 300 faculty and nearly 17,000 students. The Schools were awarded over \$85 million in externally funded research awards in fiscal year 2014. In 2013-2014, the Fulton Schools of Engineering granted 2,560 undergraduate and graduate degrees. Today, nearly 49,000 alumni of the Fulton Schools 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 24 undergraduate and 28 graduate degree programs that encourage innovative collaboration across disciplines, with faculty and students alike focusing their efforts on developing solutions that will have significant, lasting impact on our local and global communities. We offer online options for selected programs and 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. The school's 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 healthcare. 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, informatics and software engineering degree programs. From data to decisions, the school covers 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 the school's fundamental activities. The school is 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. The school's 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, healthcare 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. The school gathers together a broad range of disciplines and world-class faculty members who are engaged in a cutting-edge research, all of which contributes to a unique educational experience for all of our students.

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 school offers a holistic approach in its degree programs, covering 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. The school is located in the dynamic, growing Gateway region on the southeast edge of the Greater Phoenix metropolitan area, and 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 Ira A. Fulton Schools of Engineering 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

BACHELOR OF APPLIED SCIENCE

APPLIED SCIENCE (AVIATION MANAGEMENT TECHNOLOGY) Donald O'Neal Heflin, Jr.

APPLIED SCIENCE (ELECTRONIC ENERGY SYSTEMS) Howard Feltos Guess, Jr.

APPLIED SCIENCE (EMERGENCY MANAGEMENT) Kevin Raymond Burdick

APPLIED SCIENCE (GRAPHIC INFORMATION TECHNOLOGY) Jessica Shaw Jenkins Keegan Campbell Leonard Dean Todd Miller Joseph Girard Pino Justin John Santa Maria

APPLIED SCIENCE (INTERNET AND WEB DEVELOPMENT)

James Theodore Abbott Lindsey Brianna Baker Laura Elizabeth Dickerson Leticia Garcia Donald Terry Holcomb Michael Joseph Lambert Steven Lee Matthiesen Erik James Stultz

APPLIED SCIENCE (MANUFACTURING TECHNOLOGY AND MANAGEMENT) Nam Cong Le Jacob Zane Ringwald David Grant Wolfgramm

APPLIED SCIENCE (OPERATIONS MANAGEMENT) Gloston Anderson III **Richard Ashlin** Stephanie Marie Ashton Teresa Joann Bailey Sharon Arlene Bast Jesse Ray Burkett Robert Anton Deforest Carlson Antoine Jordean Chee Ryan L. Desselles, Sr. Troy Alan Haddock Rachel Marie Janke Yvonne M. Johnson Nicholas Dean Kastanis Kevin Lawrence Knowles Jesse Vincent Laughton Stephanie Roseann McDonald

Gregory James Micheaels Christiana Michelle Mingura Christopher Charles Perez Chalene Preston Donald James Randall Andrea Lynn Ribulotta Amber Marie Sheets Jefferson Day Udall Angela Marie Williams Micah Teresa Windsor APPLIED SCIENCE (SOFTWARE AND COMPUTING SYSTEMS) Timothy Alan Meier Carlton A. Quaye

BACHELOR OF SCIENCE

AERONAUTICAL MANAGEMENT TECHNOLOGY (AIR TRANSPORTATION MANAGEMENT)

Kyle Robert Binder Andrew John Burnham Jordan Christopher Carlson Andrada Alexandra Frent Tyler Justin Good Jenifer Marie Gura Thomas Michael Linnen, Jr. Edward Ivor McCray V Nathan Eli Orta Zachary Thomas Propheter Logan Leo Salaki Marc Christian Smith

AERONAUTICAL MANAGEMENT TECHNOLOGY (PROFESSIONAL FLIGHT) Zachary Lee Dieman Brittany Renee Ortiz Bradley Steven Trujillo Logan Hugh Wray

AIR TRAFFIC MANAGEMENT

Christian Daniel Cachero Andrada Alexandra Frent Christopher Ritchie Griffin Jenifer Marie Gura Grant Alexander Haydukovich Noel Molina Jace Robert Moller Christopher Ryan Oakes Nathan Eli Orta Logan Leo Salaki Evan Ian Slade

APPLIED COMPUTER SCIENCE Austin Joeseph Robert

Austin Joeseph Robert Delorme Sean David McElroy Tuan Duc Nguyen Jacob Andrew Reber Jason Carl Scribner Dominic Lopez Smith Jordan Thomas Smith

COMPUTER SCIENCE

Alberto Acuna, Jr. Shane Christopher Adams Mark Paul Ahlemeier Connor Rvan Alfheim Al-Weeam Abdulrahman Awad Shantanu Bala Amy Lynn Baldwin Tracy Edward Batie Vanessa Bedolla Anthony Lawrence Beltran, Jr. Matthew Ben Berg Sanne D. Berg Joseph Curtis Bihms John Maverick Bravo Jason William Brown Adam Peter Burstynski Hee Jong Cho Javlee Conlin Chance Thomas Cooper Keegan Robert Cox Alphonso Sean Crawford John William Crimmins Andrew Lizardi DiMatteo Matthew Jacob Dixon John James Dorry Ryan Edward Dougherty Alex Eleneski Jingxian Feng Marcus Elon Finney Matthew Alan Fioccoprile Gregory Neil Frantzen David Howard Ganey Samir Louay Habbal Nicholas Mccoy Hannah Cory Robert Harasha James Konrad Hart Arian Ghahfarokhi Hatefi

Christopher Stegner Hays Daniel William Howe Tan Cong Huynh Alexander Iadicicco Shelby Ushi Kim Isa Dana Royce Johnson Jacob Paul Jorgensen Kyle Daniel Kalis Mark C. Karlsrud Sukwha Kyung Miles Laff John Mark Lillyblad Brian Neal Locksa Grant A. Marshall Vina Martin Amy Marie Mazzola Taylor Brock Mclaughlin Travis James Mcmahon Taylor Charles Meeks Maddison Alexis Meier Andrew Clay Meyer Gregory Robert Moon Aaron Michael Mylius Weston Terrence Neal Joseph Robert North Tyler James O'Brien Etai Jacob Pinckney Ryan Thomas Prinsen Gregory James Puett Christopher Edward Recher Tyler Joseph Reeves Jawad Alla-U-Din Rehman Josiah James Rentschler Zachary Michael Robbins Armand Karel Roelens Benjamin Hirsch Roos Phillip Rex Sabin Matthew James Schmidt Patrick Edward Schultz Nikil Panneer Selvam Cory Rueben Siebler Keith N. Taylor Benson Truong Danielle Elise-Marie Vanica Tyler L. Wallace Tyler William Wanek

Michael Patrick Welker Zachariah Joseph Wolfe Jang Hoon Won Thomas Joel Wong Jack Carlton Workman Ryan Clifford Zwiefelhofer

COMPUTER SCIENCE (INFORMATION ASSURANCE)

Michael Kent Duran Garrett Travis Freibott Michael David Gilardi Michelle Hernandez Samantha Maria Juntiff Adam David McNabb Adam Aaly Schodde Christopher Patrick Silvia Christopher James Walmsley James Brant Werra

COMPUTER SCIENCE (SOFTWARE ENGINEERING)

Islam Mohamad Abdel-Aziz Daniel J. Chaides Rizchel Angeline Dayao Matthew Lee De La Rosa Mark Travis Ferry Ian Benning Hattendorf Jason Ray Hodges David Matthew Humphries Jason Kenneth Pratt Josh Blake Hobie Ransom Kyle Robert Smith Jade Eric Swanson Ryan Michael Torrence

COMPUTER SYSTEMS (COMPUTER HARDWARE TECHNOLOGY) Alejandro Arroyo Ivan Ginez Sanchez

COMPUTER SYSTEMS (EMBEDDED SYSTEMS TECHNOLOGY)

Eyaad Abduljalil M Allam Joseph Franco Cosme-Bandola Matthew David Shepard Brandon Michael Sleater Joseph Summers Stratton

CONSTRUCTION MANAGEMENT

Isaac Adrian Bates Nasrudin Ahmed Ebrahim Grady Joseph Lakamp Matthew James Le Roy

CONSTRUCTION MANAGEMENT (CONCRETE INDUSTRY MANAGEMENT)

Kevin Ray Jacob Keila Dawn Lombardozzi Mason James Phillips Richard McRae Standage

CONSTRUCTION MANAGEMENT (GENERAL BUILDING CONSTRUCTION)

Casey Charles Armbrust Deshane David Skeet Cody Macdonald Peter Costas Gian Paolo Gonzalez Kammy Chanel Harding Keithan Anthony Harris Russel Morgan Hunt Mark Robert Kacena Nicholas Gregory Palmer Jake Louis Stiak Daniel Jonathan Tepovich Marco Antonio Torres Anh Tuyet Thi Truong Erika Marie White

CONSTRUCTION MANAGEMENT (HEAVY CONSTRUCTION) Robert Michael Scarsella Gregory Chris Williams

CONSTRUCTION MANAGEMENT (RESIDENTIAL CONSTRUCTION)

Anthony Joshua Vargas Kyle Wade Weeks

ELECTRONICS ENGINEERING TECHNOLOGY (ALTERNATIVE ENERGY TECHNOLOGIES) Jen Deng

Samuel Ryan Hawkinson Christopher Allen Raupp Virgile Florent Valente Jerry Wu

ELECTRONICS ENGINEERING TECHNOLOGY (ELECTRONIC SYSTEMS)

Jeffrey Brian Benson David Matthew Decelles Eric Heindel Goodchild Edwin Ramon Sanjurjo Reda Faisal Warrayat

ENVIRONMENTAL AND RESOURCE MANAGEMENT

Charles Barry Austin Bryan Robert Barchey Frank Christopher Brown Kyle James Douglas Dickens Nicholas R. Hagmire Christopher A. Higginbotham Matthew Zane Kilford Alexander La Bianca Brett Joseph Montgomery Cheryl Elaine Moorcones Rebecca Lee Veerman Jared Uriah Walters

GRAPHIC INFORMATION TECHNOLOGY

John Francis Biermeier Melinda Sue Brown Kate Cecile Cleaveland Daniel Christopher Cronin Stephen Thomas Denton Kavlee Elise Fentnor Amy Elizabeth Flores Hayda Farhana Nini Binti Abu Hasan Matthew J. Homco Kristine Yvonne Johnson Cheyenne Alise Kellis **Richard Dale King** Gary Steven Krainz Kyanna Nicole Masick Steven Alan Meyer Skylar Nicole Mowery Kyle Steven Myers Jamie Lynn Noon Ryan Matthew Olkes Jacob Mccallister Phillips Alexandra Tocmo Pozon

Michael Paul Ruiz Skyler Cameron St John Timothy Ryan Taylor Yi Zhao

INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

Tammy Lynn Chapman Benjamin Allen Edwards Brooke Olivia Fisher Fallon Marina Howard Shinya Ishizaki Chelsea Mara Lacoppola Sean Thomas Penkert

INFORMATICS

Christian David Ivanenok Nicholas Steven Pusec James Phillip White

INFORMATION TECHNOLOGY Brandon Tyler Lyons William Anthony Zibert

MANUFACTURING ENGINEERING

Matthew Ryan Adame Matthew Scott Grunwald Alexandra Nicole Schneider Carl William Scott

MANUFACTURING ENGINEERING TECHNOLOGY (MECHANICAL)

Mansour Sulaiman Saeed Ali Alshamisi Wesley Thomas Draus Alexander Joeseph Frank Olaf M. Gabrielson Daniel Brent Green Tyler Jordan Kay Derek Jeffrey Lehmann Ross Holiday Stuckert

MECHANICAL ENGINEERING TECHNOLOGY

Andrew Joseph Agrusa Abdulaziz Majdi M Al-Tamimi Musaad Abdullah M Alghamdi Benjamin Paul Canfield Tyler Charles Hansen Aaron Crag Hatfield Jacob Glen Hawkinson Colten Ray Lindauer Juana Iriis Maes Nikolas Emmanuel Meneakis Devin Lee Murray Vi Ngoc Nguyen Zachary Tyler Sherwin Eric Andrew Soriano

MECHANICAL ENGINEERING TECHNOLOGY (AERONAUTICAL ENGINEERING TECHNOLOGY)

Mario Diaz Grant Bradley Garrity Bailey Elaine Heyser Jackson Elliott Riley Richard Scavelli, Jr. Jacob Matthew Skinner Alexander Arlington Smith

MECHANICAL ENGINEERING TECHNOLOGY (AUTOMOTIVE)

Brice Edmund Belling Aneesh Bhaku Sean Philip Brignall Raymond Chau Jacob Ernest Chavez Matthew Ryan Christen Lamees Daghlan Cameron James Hines Samuel James Jones Ryan Mejia Mahadocon Timothy John Marfori Connor Timothy Pyle Naga Vamsi Rayaprolu Julian Demetric Re Antony Romero Johnathan Salazar Perla Maria Verdugo

OPERATIONS MANAGEMENT TECHNOLOGY Gabriel Anothony Fernandez

PRODUCT DEVELOPMENT AND MANUFACTURING

TECHNOLOGY Olivia Marie Madsen Brian Matthew Schrock

SOFTWARE

ENGINEERING Bailey J. Ammons Vance Thomas Anderson Svlvia Barnai Damon Lee Cost Kristopher Dorer Brandon I. Espana Tyler Cade Keeling Rvan Andrew Lane Rebecca Ann Little Gabriel Alexander Mann Seth Tyler Marquez Christian Davis Murphy Alan Michael Myers Russell Lee Parmer Paul William Soiya II

TECHNOLOGICAL **ENTREPRENEURSHIP** AND MANAGEMENT Jonathan Scott Bell Kristopher Kevin Bill Cecil Ofier Blandon **Dustin Davis** Adam Jason Degner Alan-David Odili Ekeinde Zachary Thomas Falconer Amanda Rose Freed Grant Lyndon Garrett **Rochelle Renae Hammonds** Robin Nicole Hemmila Dallis Hughes Matthew Scott Hum Priscilla Maria Lara Kunal Krishan Laroia Jon Robert Lowis Dvlan Sean McDonald Michael Edward Medina Nicolas Neve Michael Curtis Parra, Jr. Cameron Ace Rogers Jordan Lee Schuler Brandon Richard Schwartz Daniel Solis, Jr. Vincent Thomas Stack Christopher L. Stovall Timothy D. Szuberla Jordan Garrett Tang

BACHELOR OF SCIENCE IN ENGINEERING

AEROSPACE ENGINEERING (AERONAUTICS)

Ryan Douglas Ackerman Andre Christopher Balasiu Michael Angelo Caputo Rachel Nicole Cook Matthew Steven Fischer Isaac Salgado Garnica Jimmy Alejandro Gomez Nicolas William Jarrett Jordan Robert Jeska Jeffrev Jordan Kirkman Andrew John Klages Tyler Harrison Knight Pedro Fernando Marquez Cole Davis Martin Will Nicholas Noonan Ryan Michael Palma Todd Gregory Ramsey Ethan N. Stone Leonardo Noboru Takamatsu Matthew Elijah Thomas Corey Robert Vorsanger Donald Leland Wood

AEROSPACE ENGINEERING (ASTRONAUTICS)

Lauren Elizabeth Brunacini Alexander William Cannady David Michael Daniel Dantrell Vincente Eaglin James Randolph Finch Eduardo Alberto Asuaje Gaytan John Dean Gehrke Alison Eve Gibson

Alison Eve Gibson Favian Andrew Guzman Shannon Lee Hertfelder Scott Richmond Hughes Kyra A. Jones Bahareh Kargaran Brandon Patrick Keeber Jacob Thomas Korinko Tyler James McKinney Vaibhav Menon Judah Heli Montenegro David Jose Pardo Amanda Mae Rawlings Aman Sharma Parker James Sheldon Salar Simaie Bryan Scott Sonneveldt Sean William Sosa Levi Christian Thomason James Christian Uglietta Andrew Joseph Verbin

BIOMEDICAL ENGINEERING

Aman Senay Aberra Anngela Christina Adams Raj Jagdishbhai Ahir Alyssa Ann Alexander Shavan Azimi Jeanette Barillas Christopher Paul Baroldy Colin Patrick Barry Heather Lynn Borgard Natalie Marie Bowers Cole Truman Brown Shannon Nicole Brown Salvador Casillas, Jr. Timothy Varawooth Chakkaw Parminder Singh Chanda Robert David Chittum Katelyn Marie Conrad Johnathan David Cornella Nathan Ameer Deacon Michael Joseph Dennison Kyle James Eyster Chase Alexander Fauer Daniel Fishman Cameron Lee Gardner Netanyahu Yochai Gibly Morgan Joyce Godley Ashley Denise Guerrero Mayuri Gupta Nehal Gupta Clayton Randall Hemann Payton Brianne Herrera Hannah Rose Horeczko Chad Michael Hyslop Mohamad Hani Immam Lisa Eri Irimata Sudarshan Rajan Iyer Danielle Renee Jacobs John Robert Jakoubek III Scott Thomas Johnson Michael James Juby Omar Karaboulad Kara Mikaela Karaniuk Gevorg Khandanyan Jakob Aaron Khazanovich Rohan Kumar

Tyler Matthew Kunce Cody Joseph Lane Brady Scott Laughlin Michael Tanner Libsack Gabrielle Elise Maestas Christopher Frank Matheny Catherine Susan Millar-Haskell Kristen Mittal Amanda Ray Moore Dalton Dale Moore Joshua Andrew Morris Laina Dean Moussallem Bryce Taylor Munter Meerna Muradvich Emily Ann Murphy Bharathiraja Nagappan Alyssa Gillian Oberman Markey Cierra Olson Girish Pathangey Timothy Daniel Peterson Francis John Petty Tuan A. Phan Tiffany Alexandria Pifher Mounica Yarlagadda Rao Hiram Alfonso Rivera-Passapera Jessica Hammitt Schiltz **Benjamin Joseph Sears** Timothy Scott Seelig Sandy Hua Seto Shemal Shukla Brandon David Simmons Andrew Singer Sebern Joseph Sloan IV Shadi Smoudi Logan Rex Taysom John Michael Templeton Emerson William Tucker Alexis Danielle Valencia Robert Dominic Valenza Lina Melissa Villa Kevin M. Winarta Amanda Mobley Witten Gregory Michael Wohlleb Tanner Lee Wright Christina Ray Zamorano Christopher Thomas Zeigler

CHEMICAL

ENGINEERING Shaymaa Hussain F E Abdulla Edward Acquah Jason Kenneth Allen Abdulrahman Saleh S Altamimi Theodore Arthur Amble Jeffrey Robert Bales Denton Edward Ball Trevor Michael Barker Amanda Marie Bateson Jolene J. Birdsong Corbin Joseph Blandino Christopher Caballero Boller Rohin Chabra Brent Clarke Chesley Javier Alfonso Corral Clayton Shiloh Angela Crutchfield Jordan Santos Dela Cruz John Jacb Delle Donne Thomas Benjamin Elkins Julia Michelle Fisher Matthew Allen Germaine Zachary Daniel Gordon Ibrahim A. Halloum Benworth Bryce Hansen Joshua James Hansen-Staggs Colt Patrik Hegardt Stephen Edward Hermens Hector Emmanuel Hernandez Daniel Jordan Herschel

Chelsea Elizabeth Howard Mitchell Howard Jackson Daniel Nolan Jameson Steven John Jorgensen Kelsey Kristine Jull Giresse Tchegho Kamwa Vincent Michael Kaufmann Taylor Newton Ketchum Madison Alexandria Klug Tyler James Koerner Noor Atiya Jabeen

Lallmamode Jacob Michael Langley Ching Yan Lau Matthew Thomas Loehr Alexander Ryan Mallison Paul Milton Mcafee III Cailen Marie Mccloskey Corey James McIlveen Mason Charles Mechler Kelsie Rae Meyer Anthony Joseph Miccarelli Joshua Adam Michalak Adam Saeed Midkiff Nicholas Dillon Miller Tyler Takeo Miyasaki

Benito Molina Maritza Mujica Ahmad Hussain Ndoom Stuart Conrad Ness Miranda L. Ngan Jeffrey Quang Nguyen Kassandra Nikkhah Ala Omer Robert Stephenson Parker, Jr. Antonio Martin Perez David Lawrence Pierce Brandt Alden Porter Andrew Karl Pratt Andre Esteban Reynoso Quihuis Sana Mahmud Quraishi Michael Anthony Rosauri Yasser A. Salah John Paul Schrilla Warren Scott Shearman, Jr. Tyler Lee Smith Allison Marie Snodgrass Amanda Rae Snodgrass Mikaela Johanna Stadie Andrew Earl Stapleton Ryan James Stoltzmann Kevin Huang Tao Austin Michael Tiller Brett Robert Toronto Jolene Marie Turner Alexander Scott Van Houghton Jeffrey Khoa Vu Michael Gregory Waddington Nader Warrayat Samantha Jo Weigold

CIVIL ENGINEERING

Abdullah S A M A Alazmi Michael Bryce Albretsen Omar N E M S Alnokhilan Ahmed Mahdi Ansari Ashley Ann Archambault Alexander Michael Arveson Daniel Dupon Ascencio Kale Nawzad Aziz Jay Romeo Barraza Dana Paige Bennewitz Jan Joseph Gogo Bitoon Nicholas Steven Brabender Nichole Mauritta Bradshaw Alan Camou Ethan Scott Casterton Charles Brock Christiansen Carter Ray Cole Genaro Andres Contreras

Habibullah Marshall Eltezam Wayne Michael Estrada Enrique Rafael Gastelum Danielle Nicole Goossens Brandon Cory Hatathlie Wei Liang Hii Molly Kindelan Hopcraft Hannah Eileen Housenga Jonathan Blake Jacobsen Amanda Michelle Kerr Anh Nguyen Nam Le Rachel Emily Marx Francisco Fabian Miramontes Michael James Munger Thomas Joseph Myzia Sepideh Naseh Sean Kelly Noel Diego Noe Ortiz Tanner Jeffery Richards Joshua Samuel Robbins Adrian Antonio Rucobo Francesco Luigi Ruta Steven Noe Ruvalcaba Nathan William Schmidt Steven Matthew Sherant Christopher Alec Sidor Logan Farren Smith Sarah Elizabeth Toews Rvan William Tschetter Samuel Joshua Turner Dylan Chase Walker Miriam Arna Woolley

CIVIL ENGINEERING (CONSTRUCTION ENGINEERING) Brandon Lamar Robinson Alan M. Tarpening

CIVIL ENGINEERING (ENVIRONMENTAL ENGINEERING)

Camille Armendariz Samantha Lynn Cooper Mackenzie Ann Hagan Andres Victor Hernandez Neil Richard Tugaoen II

CIVIL ENGINEERING (SUSTAINABLE ENGINEERING)

Kwangyoung Choi Alicia Mae Guccione Zachary Christopher Kopp Vicente Solis

COMPUTER SYSTEMS ENGINEERING

Fadel Habeeb Al Mubarak Sara Almalih Brian Charles Blanchard Brandon Ayanti Caffie Severin Jan Davis William Skylor Haselwood Michael Rodney Kanaly Nicholas James Keohane Jared David Korinko Michael David Mandeville Orlando Maka Ala Moreno Brittney Shealynn Russell Joshua Brian Sirard Kristopher Jorge Smith Michael Olson Storto Jeffrey David Sutherland Rodolfo Jesus Torres

COMPUTER SYSTEMS ENGINEERING (INFORMATION ASSURANCE) Timothy Reed Abbott

CONSTRUCTION ENGINEERING Nicholas Mike Hall Ryan Michael Kasem Yash Lalwani Samuel Joseph Montoya James Dylan Woodruff

ELECTRICAL ENGINEERING

Mamun Ishtiaque Ahmed Tina Alam Kyle Kelly Alexander Mohamed Abdulgader Ibrahim Saleh Alhammadi Elyas Baker A Alshaikh Phillip Anthony Astorino Al-Homam Abdualrahman Awad Armando Baldenegro Blake Alan Becker Joshua Peter Befort Gabriel Rudy Bernal Christopher James Bierwagen Wesley William Borie Rvan Mark Brazones Hoc Van Bui Ryan Joseph Burke Nathaneal O. Burrell

Glendon T. Chan Jinnu Thankachan Chengattu Connor Austin Chilton David Dae-Ho Choi Jerrod Allen Cornejo Kyle Benjamin Crosner Paul David Curtis Jonathan D. Davis Samuel Paul De Witt Ryan James Eaker Tanner Michael Erickson Matthew Saul Flores Charles Anthony Galuska Aaron Henry Gardner Matthew Kayne Geres Shardul Suresh Golwalkar Katherine Elizabeth Grinstead Hettie Le Haines Kevin Donald Hanson Adelia Janese Hornbuckle Niccolo Horvath Osama Omar Imam Innocent Nkundwanabake Irakoze Nick Kealii Jorgenson Danyal Jacob Kadi Jason Kam Kan Kawabata Amanda Nicole Keil Danval Tahir Khan Brian Theodore Kramer Michael Jason Ku Anthony R. Kuhn Olzhas Kurenov Nicholas Charles Lantz Brett William Larsen Jace Layton Lewis Benjamin Alan Lightfoot Shannon Dawn Lippincott Christopher Allan Loff Owen Ma Yan Ma Vanessa Itzel Martinez Daniel Michael Mass Naved Said Maududi Alec Stevenson McCarthy Walker Robert Mitchell Jossue Amparano Montes Nicolas Javier Nogales Jose Nunez Axel Victor Olson Blake Kelly Ortiz Gisela Montano Ortiz Rushi Muresh Patel Joshua David Perkins Curtis B. Rambo

Paul Raves Erik Gabriel Rios Greg Eric Selby Jonathan David Shahani Abylay Sharip Cole G. Sikes Michelle Stephanie Smekal Stephen Andrew Smith Gregory Paul Spell Austin Wade Tanner Alysyia Marie Tarin Timothy Douglas Taylor **Dimitrios Georgeios** Theoharatos Roy Edward Trudell Sandeep Gautam Vora Daniel Mead Wright Joel Greig Wright, Jr. Fan Wu Weidong Ye Matthew Dean Yoshida

ELECTRICAL ENGINEERING (ELECTRICAL POWER AND ENERGY SYSTEMS) Tyler Michael Lantz Bin Jie Lu Louis J. Massolas Kevin Christopher Melroy Matthew Gabriel Merfert Ja'Lon Ali Sisson Julio Cesar Zavala, Jr. Jeremy M. Zinkofsky Scott Anthony Zuloaga

ENGINEERING

Daniel James Aukland Taylor Thomas Berggren David Daniel Brown Kyle Michael Chase Jeffery John Deskins Rene Garayzar, Jr. Jesus Guadalupe Granados Wilson Hahn Thomas Lee Lacey Christopher K. Lopez Raymunn Geno Machado-Prisbrey Bijan Victor Maleki Brian D. McGraw Brandon Lee Mead Todd Matthew Morrow Thomas Perignon Picciano Kory Ray Pottorff

ENGINEERING (AUTOMOTIVE SYSTEMS)

Nathaniel Gerald Chaisson Nicholas Allan Chapman Joseph Bradford Larsen Matthew Lee West

ENGINEERING (ELECTRICAL SYSTEMS)

Anthony Joseph Angus Michael Thomas Birner Brooks James Campbell Sayra Guadalupe Hernandez Ian Matthew Jacobs Vanessa Nielsen James Logan Oplinger Kyle McClure Reilly Kelen Robert Andrew Rosine

ENGINEERING (MECHANICAL ENGINEERING SYSTEMS)

Antonio Alvarado, Jr. Joshua Christian Burger Kelsey Lauren Caldwell David Andrew Girts Sean Zachariah Higgins Kevin Dewain Kauffold Dalton James Kiss Brenda Leonhardt Alexander Ian Matlock Timothy Alexander Munsil Brendan Michael Myers Matthew T. Salazar Randi Michelle Taylor Samantha Ann Twet Zachary Taylor Vessels

ENGINEERING (ROBOTICS)

Levi Garrett Phillips Morton Nicholas William Radda

ENGINEERING MANAGEMENT

Timothy Stephen Belda Brittany Anne Debes Kevin Justin Hill Savannah Nicole Hoover Ryan John Keen Sherif Emad Mansour James Oyola Mbewa Brady Lawrence McKeand Bryce Richard Muzzy Thomas Alan Pilgrim Matthew Licea Polo Kaitlyn Marie Smith Matthew Paul Sprague Anna Elizabeth Zwergel

INDUSTRIAL ENGINEERING Hamad F H M A Al-Hajeri Helen Al-Haroun Mohammad Alharoun Saleh Mutair S Almutair Ahmed Mahdi A Alnagash Faysal A M A Alsaqar Abdulwahab B M Q J Alsarraf Karl Leor Macala Blasco Abdulrahman Fareed S Bogari Kyle William Brue Koray Canturk Nathan Lundell Chadburn Fabian Josef Fink Tignes Noel Fisher Aaron Daniel Floyd Cameron A. Gunn Xin Guo Hossam Ali M Halawani Majed Hassan A Hassan Jared Slade Kujawa Ryan Alexander Martinez Anthony C. Nguyen Anhad Sadana Rodolfo Tamayo Atma Lu-Zhu Thompson

MATERIALS SCIENCE AND ENGINEERING

Kevin Andrew Bunish Connor Patrick Donnelly Jonathan L. Duncan Fernando Estrada, Jr. Cruz Arnulfo Hernandez Marion Zoe Branch Kelly Mun Pan Lahpai Chelsey Denise Mcalpin Kimberly Frances McGuinness Kyle Jonathan Mcmullan Joshua Charles O'Connor Jameson Dakota Schultz Bethany Blair Smith

MECHANICAL ENGINEERING

R Rashed Hasan Jumaa Hasan Alhosani Mohammad A A M TH E Algallaf Christian Michael Andrews Chan Nyeinzaw Aye Andrew Robert Barkan Tanner Jacob Bitz Jared Daniel Bottlinger Anthony Nicholas Boyd Christian Jeffrey Brown Ryan Jacob Burbank Ian Robert Bushwood Oscar Cabrera Joshua Lee Cantrell Matthew Loyd Catlett Andrew Jose Celaya Eric Chang Kenneth Hero Cheung Robert Jay Chiang Hyeonjoong Cho Ian Taylor Conaway Jason Bradley Cox Matthew Earl Crouch Logan Lee Crouse Shivang S. Dave Madhure Desarda Ian Alexander Dhuse Jose Filiberto Diaz Max Christopher Dreager Tomas Espinosa Ricardo Manuel Farfan Porter David Fish Jermaine Kyle Fowler Joseph Michael France Fabian Gadau Kyle Alexander Galloway Nicholas Edward Giovannucci Chad Jackson Hardgrove Jesse Martin Haws Robert Jeffrey Heng Hve Min Jang Mitchell Drexel Jones Zakary Alexander King Nicolle Kimberle Landreville William John Lee Myrtle F. Lin Shih-Kang Lin Jacob Ryan Maneth Adrian Maranon Dalen Arik Marchant Nicholas James Marcus

Ian Nicholas McLeod Jeffrey John Mcneill, Jr. Erik Richard Misiak Kendra Niquelle Munns Zachary Carl Niemeyer Thomas Jonathan Nordstog John William Norris Cole Davis North Grant Kiyoshi Ogawa Knowlton James Olmstead Scott Douglas Olson Andrew James Palmowski Zhanle Pan Andrew Wyatt Peterson Cody Lee Peterson Trevor Charles Pickrell Andrew Christian Poet Jeffery Scott Randall Joshua Del Rapier Dylan James Rasmussen Mariela Resendez Joel Kennedy Richardson Frank Joseph Rivera Matthew James Robertson Kevin Howard Rowse Adam Jonathan Ruhl Robert Michael Sammon Daniel Sanchez

Joaquin Santecchia Brandon Robert Schadl Christopher David Schott Christopher Michael Scott Trevor Jared Slawson Cole Matthew Snider Christopher William Sorini Alexander Joseph Sterling Danielle Shay Stevens Stephen Scott Stewart Joshua Michael Stout Bryce Butler Thompson Logan Kyle Thompson Ju Hui Thorn Thomas Keating Thurber Santiago Hernandez Trevino Ш Eric Miyoji Tsukamoto Caleb Jon Vanderploeg Todd Alan Vargas Elvis Miguel Villa Kevin Kaho Westgard Elena Michelle Whitton Daniel Paul Williams Jonathan Chia-Loh Wong Brian James Wyatt John Thomas Wylie IV

MECHANICAL ENGINEERING (COMPUTATIONAL MECHANICS)

Jenna Marie Lynch Miguel Angel Noriega, Jr. Derek Evan Nunez Lon Benjamin Saline Thurston Bryant Sexton David Paul Zwick

MECHANICAL ENGINEERING (ENERGY AND ENVIRONMENT)

Megan Ashley Hait Tung Che Ho Melissa Anne James Blake Edward Jones Kody George Klimes Praveen Budhijith Bandara Kotagama Conrad Arnaldo Laboy Channing Robert Ludden Samuel N. Margolis James Robert Nelson Nicholas James Newberry Matthew Dale Starks Anthony Vengoechea

IRA A. FULTON SCHOOLS OF ENGINEERING (Established 1955)

PAUL C. JOHNSON, PHD Dean

MARCO SANTELLO, PHD Director, School of Biological and Health Systems Engineering

RONALD G. ASKIN, PHD Director, School of Computing, Informatics, and Decision Systems Engineering

G. EDWARD GIBSON, JR., PHD, PE Director, School of Sustainable Engineering and the Built Environment

> ANN MCKENNA, PHD Director, The Polytechnic School

STEPHEN M. PHILLIPS, PHD, PE Director, School of Electrical, Computer and Energy Engineering

KYLE D. SQUIRES, PHD Director, School for Engineering of Matter, Transport and Energy

> JAMES S. COLLOFELLO, PHD Associate Dean, Academic and Student Affairs

> > YONG-HANG ZHANG, PHD Associate Dean, Research Services

> > > EDWARD HALL, PHD Executive Associate Dean

IRA A. FULTON SCHOOLS OF ENGINEERING GRADUATE CONVOCATION

Wednesday, May 13, 2015 2:00 p.m., Wells Fargo Arena ASU Tempe Campus

PROCESSIONAL

REMARKS Paul C. Johnson, PhD Dean, Ira A. Fulton Schools of Engineering Teresa J. Clement, PhD President, Ira A. Fulton Schools of Engineering Alumni Chapter

> Mentor Dida The Polytechnic School

Ira A. Fulton Chairman of the Board and CEO, Fulton Homes

AWARDS

Joseph and Sandra Palais Outstanding Doctoral Student Award Xiaowen Gong, PhD

PRESENTATION OF CLASS Readers Arunachalanadar Madakannan, PhD

Professor, The Polytechnic School

Tirupalavanam Ganesh, PhD Assistant Dean, Ira A. Fulton Schools of Engineering

Peter Lafford Associate Research Professional, University Technology Office

> Andrew Ross, PhD Head, Learning Support Services School of International Letters and Cultures

OUTSTANDING GRADUATE STUDENTS

School of Biological and Health Systems Engineering Justin Ryan

School of Computing, Informatics, & Decision Systems Engineering Xia Hu Zhuoyang Zhou

School of Electrical, Computer and Energy Engineering Ming Yang

School for Engineering of Matter, Transportation & Energy Mark Ison James Mertens

School of Sustainability Engineering & Built Environment Arundhati Ghosh Nikou Hesari Zonouzi

The Polytechnic School Mentor Dida

CLOSING

Fulton Gonfalon Holder Mark Ison

MARY LOU FULTON TEACHERS COLLEGE (Established 1937)

Mari Koerner, PhD Dean

IDA MALIAN, PHD Associate Dean of Faculty

ALFREDO J. ARTILES, PHD Associate Dean of Academic Affairs

HILARY PIERCE, EDD Senior Assistant Dean of Academic Operations

CORY HANSEN, PHD Interim Director, Division of Teacher Preparation

SHERMAN DORN, PHD Director, Division of Educational Leadership and Innovation

MARY LOU FULTON TEACHERS COLLEGE CONVOCATION

Friday, May 15, 2015 7:00 p.m., Wells Fargo Arena ASU Tempe Campus

PROCESSIONAL

Grand Marshal Mari Koerner, PhD, Dean

SPECIAL GUESTS Dr. Mary Lou Fulton and Dr. Ira A. Fulton

Mary Lou Fulton Teachers College Gonfalon Carrier Hanna Jennewein 2015 ASU Alumni Outstanding Graduate

> MASTER OF CEREMONIES Frank Serafini, PhD, Associate Professor

THE NATIONAL ANTHEM

"The Star Spangled Banner" — Francis Scott Key Michele LeFevre, Soloist

REMARKS

Mari Koerner, PhD, Dean Dr. Mary Lou Fulton and Dr. Ira A. Fulton

INTRODUCTION OF DOCTORAL AND MASTER'S GRADUATES

Sherman Dorn, PhD Director, Division of Educational Leadership and Innovation

INTRODUCTION OF BACCALAUREATE GRADUATES

Cory Hansen, PhD, Interim Director, Division of Teacher Preparation

CLOSING REMARKS

Frank Serafini, PhD, Associate Professor

RECESSIONAL

ABOUT MARY LOU FULTON TEACHERS COLLEGE

Mary Lou Fulton Teachers College is setting a new standard for teaching, discovery and innovation as the 17th ranked graduate program in education nationally according to *U.S. News & World Report*. A key contributor within a research-intensive university, Teachers College offers rigorous undergraduate and graduate programs founded in scholarship and research, and led by nationally and internationally recognized professors who are leaders in their field.

ADDRESSING THE CHALLENGES OF EDUCATION IN A RAPIDLY CHANGING ENVIRONMENT

With research at the heart of the Teachers College experience, students, faculty and staff actively address the challenges of education in a rapidly changing environment. College faculty and researchers demonstrate their commitment to advancing the science of teaching and learning by conducting evidence-based research, and tackling issues such as social justice, school reform, policy, language and literacy, and more.

Teachers College faculty members are accomplished scholars, researchers and leaders in their field — and most have taught in pre-K through 12th-grade classrooms. Among the college's esteemed faculty are a Nobel Laureate, American Educational Research Association Fellows, Fulbright American Scholars, Arizona Regents' Professors and members of the National Academy of Education. Even beyond academia, they are caring and community-minded citizens of the world who are committed to inspiring and enriching education for all children and youths.

EXCELLENT PROGRAMS PREPARE EXCEPTIONAL GRADUATES

Teachers College programs combine classroom- and community-based learning opportunities, and courses are designed to encourage diversity of thought — engaging students in the latest educational theories and research, as well as new technologies, that place them on the cutting edge of the education field. The college offers undergraduate and graduate degree programs and certificates on all four ASU campuses, at off-campus locations and online.

Students' exposure to evidence-based research and practical application means they graduate with an educational foundation rooted in experience and innovation. And that foundation pays off. An ASU exit survey of 2012-2013 graduates found that 94 percent of Teachers College graduate students pursuing jobs — and 93 percent of Teachers College undergraduate students pursuing jobs — were employed or had at least one job offer 90 days after graduation.

Graduates of Teachers College enrich the lives of others as inspired and informed teachers, administrators and researchers working in classrooms and communities. As advocates of education, they share a commitment to enable all children to reach their potential. Many go on to win awards in their respective fields, and often contribute by giving back to the college through their time, talents and treasure.

MARY LOU FULTON TEACHERS COLLEGE NAMESAKE

Mary Lou Fulton Teachers College is named for Dr. Mary Lou Fulton, a distinguished alumna of the college who, with her husband Dr. Ira A. Fulton, generously established a transformational endowment to foster excellence in education. The Fultons are committed to supporting the well-being and education of children, and initiatives dedicated to improving public education. Their gifts have provided opportunities for quality teaching, research and service that extend far beyond the university, touching the lives of generations to come.

Learn more at education.asu.edu.

BACHELOR OF ARTS IN EDUCATION EDUCATIONAL STUDIES Devo

EARLY CHILDHOOD AND EARLY CHILDHOOD SPECIAL

EDUCATION Katelyn Rose Briggs Kelsey Marie Calloway Colleen Margaret Chittenden Lauren Breeann Churley Chelsea Marie Cloonan Jessica Ann Coker Kelsey Richelle Conley Emily Wanda Cox Qimeng Dai Kayli Brianne Daniels Lauren Keely DeRosa Kelly Michelle Dwyer Karen Elizabeth Edwards Chelsea Mae Ferrence Victoria Leigh Garrison Rebecca Elizabeth Goodwin Gabrielle Novalene Greaves Zelyg Gutierrez Shaun C. Harris Michelle Renee Harrison Aubrey Cierra Hodge Shannon Coriene Hughes Lindsy Audrey Hydinger Janessa Ruby Ireland Kelli Fawne Jenkins Sarah Ashley Johnson Jadah Catherine Julian Alisa L. Keith Ashleigh Marie Leonard Kathleen Megan Lorenzen Melissa Kathleen Ludlow Sarah Noel Maxwell Brianna Kathleen Most Kelsey Anne Nelson Whitney Nicole Ohrt Mallory Barbara Padilla Sabrina Yolanda Ramirez Maria Socorro Sierra Rendon Crystal Ann Reynolds Jamie Lynn Riggs Allie Lynne Shanholtzer Shannon Amanda Sjodin Paige Nicole Stennerson Megan Acacia Tomakin Ashley Webb Brittany Nicole Wright Helen Hisako Yamato Kaelene Bailey Zapata Gennifer Jie Zheng Mackenzie Bess Zurn

Jane Nicole Bader Daniella Alyse Barreras Michael Christopher Barreras Ryan James Bolton Liwen Cai Carly Lynn Christ Jessalyn Ann Cipriano Monica Rose Conover Michelle Ann Daut Alexandria Danielle Davidson Kyle Lontae Denman Hayden Lewis Drescher Leeza Marie Drummond Loran Elizabeth Feldbauer Amy Camille Foote Janelle Gintz Matthew Raymond Gleich Ralph David Gomez Janie L. Hampton Jennifer Rose Harrison Calley Ames Helding Michael Segovia Hester Catherine Ann Hogan Holmberg Jessalyn Ireland Chantal Elisa Jackson Hannah Hope Jennewein Marcus D. Mitchell Hannah Muncy Morris Demarieya R. Nelson Tara Lynn Nielson Chantell Monique Overstreet Emilie Elise Partenheimer Colton Anthony Paul Megan Perez Agata Francesca Roberts Leticia Rodriguez Briahnna Rey Romero Jazzel Betsabe Ruelas Claudine Theresa Saltzman Alexander Robert Savage Jeffrey Allen Schultz Adrian Lyle Segay Anthony Marcos Serpas Meagan Elizabeth Shepherd Noelle Joanne Silvestri Gabriella Eve Simone Nicole Katherine Smith Ashleigh Nicole Smithers Andrea Marie Valenzuela David Elmo Waddell, Jr. Eddie Joe Wester Burton Peter Wolfe

Devon Noel Yourgulez

ELEMENTARY EDUCATION Rita Ariana Antoni Jasmin Ariel Ashford Peyton Badger Brittany Leigh Baker Kathryn Ann Barber Ashley Marie Barnard Wendy Leigh Barney Fritzi Jacqueline Barrera Ashley Marie Beason Noelle Elizabeth Bergthold Selma Lizbeth Berlanga Angela Berretta Chandler Jean Blean Destiny Joline Boatright Tina Brechbiel Christy Brooks Jennifer Lee Bruce Crystal Carrera Sheridan Rae Chaisson Ashley Nicole Chapman Mallorie Kathleen Chester Krystal Orona Contreras Brooke Diane D'Adamo James A. De Young Sheri Lee DeMeo Kendall Nicole DiSante Jeannette Marie Dube Hannah Mary Edwards Carlie Anne Engels Bianca Sarai Espana Katherine Brooke Farmer Amanda Marie Feinstein Jessica Adelaide Fisher Samantha Jeanette Frank Scott Huntington Fraser **Billie Freiwald** Amber Nicole Galvan Adrianna Nicole Garcia Elizabeth Ann Garcia Victoria Marene Garrett Haleigh Johansson Gray Olivia Z. Griego Mackenzie Rose Groeneveld Melissa Nicole Gross Vanessa Colleen Gutierrez Shiva Haghshenas Kelsey Noelle Hamilton Colbie Leann Haukeli Melissa Lynn Hennek Lorin Marie Herrington

Jayne Ann Elizabeth Hill Mariah Ashley Hojnacki Michelle Christine Holguin Amanda S. Housel Kasey Ellen Hughes Cayla Haliaka Jaber Barbara Elaine Jack Clair June Jackson Kimberly Aisha Jim Allison Kaye Johannsson Amanda Michele Justl Jessica Ferrell Kimling Michelle Anne Koltweit Brittany Michel Kominska Kendra Celine Kossman Katie Rose Larson Heather Aileen Lincoln Brittany Lyn Long Claire Delaney Longfellow Katelyn Elizabeth Lopez Rachel Michelle Manak Monet Louise May Carissa Nicole McAtee Deanna Marie McDonough Elisa Medina Nicole Marie Mercier Sharmayne Mike Honah Lee Miller Leah Alese Mullenaux Tasnia Sultana Munir Katherine Elizabeth Nerheim Emma Jo Ann Ruth Newman Jane Nguyen Lisa C. Parisi Khushboo J. Patel Corrina Renee Paul Mayra Judith Perez Dani C. Peterson Tamarra Wray Peterson Alecia Jayne Polacca Alexandra Lin Price Sara Elizabeth Rodriguez Stephanie Roman Mika Aurora Salazar Gabriella Alexandria Saldivar Mary Kate Saluto Christopher Andrew Sanchez Sarah Audrey Schaefer Scott William Schulte Anni Rashelle Sezate Mikailah Lorene Shackleford Emma Rose Smith Kendra Amick Smith Sherene Rebecca Smith Ty Charlie Smith Megan Michelle Sorenson

Anyssa Jennifer Soto Arianna Jordan Soto Sara Jean Stalder Annette Standage Lance Lovell Ode Sullivan Matthew David Thompson Talisa Andraea Timms Angela Marie Torquato Paige Helen Voecks Jennifer Michelle Weiss Kayla Allison White Brandi Lynn Wilson Cassandra Faye Zamora

ELEMENTARY EDUCATION (BILINGUAL EDUCATION/ENGLISH AS A SECOND LANGUAGE)

Mariana Barboza Jessica Cuellar Andrea M. Fernandez Monique Esther Franco Adyami Celivette Gil De Lamadrid Sara Zarate Gonzalez Laura Lalita Gulbranson Kiara S. Hines Halev Lee Christine Roberta Lowe Brenda Celene Martinez Brittany Tanairy Martinez Rahela Carmen Moghina Melissa Joy Myers Allison Pearl Okurowski Sara Palomares Navely Sanchez-Hernandez Rosalva Villa Sindy G. Salgado Villarreal

ELEMENTARY EDUCATION (SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS)

Dana M. Hansen Kelsey Lynn Sullivan

SECONDARY EDUCATION (BIOLOGICAL SCIENCES) Jacob William Cook Victoria Paige Delleree Brittany Nicole Dukes Raquel Enrique Lindsay Marie Kozlowski Ramon Dwain McKamie, Jr. Caitlin Francis Munn Alicia Nycole Perry Michael Farest Perry, Jr. Jessica Don Rodenkirk

SECONDARY EDUCATION (BUSINESS EDUCATION) Homero Gutierrez Montes, Jr. Yvonne Terry Lawson

SECONDARY EDUCATION (EARTH AND SPACE SCIENCES) Leslie Bridget Papastefanou Lyonel Tso

SECONDARY EDUCATION (ENGLISH) Benjamin John Anderson Carly Hope Blodgett Max Ethan Brandstetter Ivin Jovon Clark Jessica Lynn Cunningham Alyson Leigh Fletcher Alicia Janelle Frazier Jonathan William Friske Kavla Anne Gnadt Moriah Hall Zakia Hussaini Marissa Frances Kagele Brandi Jean Lorenz Lauren Elaine Marquez, Sr. Rachel Lauren Murphy Tyler Don Norris Ashley Prodan Brandon Anthony Quezada Corey S. Ruiz Isha Rani Rupal Jacob Anthony Scaduto Elizabeth Ann Schneringer Hannah Leigh Schober Thomas Michael Unger III Jodi A. A. Walters Kody Dahozy Wauneka Savannah Morgan Whitson Kaelin Carhys Williams Alyssa Jay Wilson Amber Nicole Wilson

SECONDARY EDUCATION (HISTORY) Alexis Baich Matthew Hammond Barnes

Sebastian Bernal Kirstie Renee Brown Christopher Peter Cancilla Rubicelia Cartagena Amy Erica Cassinat Brandon Charles Dentremont Michael Allen Fett Steven Anthony Fini Niccola Taylor Greene Brittany Shawnie Leasure Lisa Lewellen Jericho Joyce Lewis Justin David Maass Michael John Maltese Israel Ruben Mares Ronald Gordon Mayer Robert William Mayne Christopher Scott Mcintire Ashley Meredith McMasters Tyler Nathan Miller Patrick Wallace Moore Antonio Daniel Murrietta Narrae O. Nelson Angelica Pelagio Mackenzie Rae Pemberton Christopher T. Probst Jeffrey Travis Randall Joseph Lawrence Reithmeier Allison Leigh Reynolds Jonathan David Richard Cristian Quinones Rodriguez David Anthony Rodriguez Guillermo Christian Sanchez Michael Anthony Sassi Ronald Andrew Supernault Genevia Macfarlane Turnbull Chase Loren Van Sickle Matthew Lloyd Weeks Kione Marketta Williams

SECONDARY EDUCATION (MATHEMATICS)

Christopher Steven Addison Molly L. Baxter Victoria Kara DiNaso Zachary Norman Freund Tyler Hettick Michael James Hitzel Daniel Michael Hockenbraugh Victoria Lynn Jones Melissa S. King Miguel Angel Larios Lesley Kim Le Kirstin Nichole Shanklin Malissa Joann Utter Alfredo Vidal Chelsea Marie Wade

SECONDARY EDUCATION (PHYSICAL EDUCATION) Michael Edward Bryan Jesse Joel Dummar Ronald Joseph Inch Joshua Joseph Manche Brandon Thomas Montoya Robert Anthony Ortiz II Holly Noelle Pavoggi Tyler Joseph Spagnolo David Glen Wallace Eddie Ray Williams

SECONDARY EDUCATION (POLITICAL SCIENCE)

Corey Allen Helsel Shawna M. Long

SECONDARY

EDUCATION (SPANISH) Nayeli Arreguin Emilse Karina Cebrowski Erika Mendoza Perla Iriana Montoya Celia Anali Perez Nereyda Rodriguez

SPECIAL EDUCATION AND ELEMENTARY EDUCATION

Jacob Emeterio Aguayo Bridget Lynn Aispuro Jamala Jamal Alkeshi Morgan Rose Baldy Melissa S. Bocconcelli Aimee Christine Bouchee Eryn Eileen Cabrera Georgia Lynn Canales Lindsay Nicole Claypool Alejandra Cordoba Randi Joanna Cozad Samantha Christine Craig Autumn Elise Cumbie Jessica Dawn Dash Jessica Lyne Deppey Brigette Mae Dixon Nicole Mercedes Dylewicz Meghan Christine Edwards Stephanie D. Edwards Dallas Jade Escobedo Jessica Ashley Fatina

Christine Lynne Fischer **Emily Rachel Friedle** Devin Anne Galloway Catriana Emma Garcia Amy Lee Gauthier Ashley Nicole Goldring Shirley Espinoza Gutierrez Laurel Chelsea Gwilliam Judy Ann Harper Breanna Harris Sabrina Leigh Hemmerling Natalie Xia Mei Henes Leticia Herrera Kerstin Gertrude Hilbenz Brittany Kaye Hines Takiyah Hodge Skye Lynn Hollabaugh Matison Brooke Jensen Samuel Kim Joyce Lauren Suzanne Krieger Hannah Elizabeth Lankford Aviva Dalit Lavey Lauren Michele Lawson Joseph Gabriel Marcano Israel Jade Lawrence Marshall Jonathan Reid Matsumoto Allyson Jordan May Jaime E. Mercado Ansley Aryn Monroe Jennifer Kay Moore Kelsie Lynn Morrow Taylor Leigh Munson Tiffany J. Nava Shannon Lyn Orilley Bianca L. Parker Shelby Nicole Patterson Steven Michael Perez Ashley Nicole Peters Shanicey Chanelle Pinto Michael John Platt, Jr. **Bailev Kristine Polcher** Amy Brianne Ponce Erin Louise Reilly Ryan David Riley Alex Jav Robertson Caitlin Marie Rozinski Briana Janine Samaniego Dana Marie Schaeffer Vanessa Marie Shultz Serena Gabrielle Snyder Crystal Lynn Soto Elissa Rae Spina Amanda St Vincent Casey Rachel Staggs Elizabeth Ann Stuart

Erica Kali Switalla Nicole Lynn Trulby Tanya Wells Utley Alexandria Rose VanderLinde Eve Rene Malia Victor Jolynne Desiree Voorhees Marie Joanne Warnert Alicia Rae Westmoreland Stefanie Tsui Ming Woo

NEW COLLEGE OF INTERDISCIPLINARY ARTS AND SCIENCES (Established 1984)

MARLENE TROMP, PHD Vice Provost and Dean

CONNIE BORROR, PHD Associate Dean

TODD SANDRIN, PHD Associate Dean

Ратіск Віхву, РнD Director of Graduate Studies

LOUIS MENDOZA, PHD Director, School of Humanities, Arts & Cultural Studies

ROGER BERGER, PHD Director, School of Mathematical & Natural Sciences

JEFFREY KASSING, PHD Director, School of Social & Behavioral Sciences

NEW COLLEGE OF INTERDISCIPLINARY ARTS AND SCIENCES CONVOCATION

Tuesday, May 12, 2015 6:00 p.m., The Quad Arizona State University at the West campus

MASTER OF CEREMONIES Charles St. Clair, School of Humanities, Arts & Cultural Studies

PROCESSIONAL

Bell Ringer Matthew Burch

Flag Bearer Beau Grothendick

Arizona State Flag Howard W. Waldie IV

College Marshal

Stephen Wirkus, PhD School of Mathematical & Natural Sciences

THE NATIONAL ANTHEM

"The Star Spangled Banner" — Francis Scott Key Michele Coombs — Vocalist

REMARKS

Marlene Tromp, PhD, Vice Provost and Dean

OUTSTANDING UNDERGRADUATE Cori Ann Hartt

RECOGNITION OF BARRETT HONORS GRADUATES Ramsey Eric Ramsey, PhD, Associate Dean

RECOGNITION OF HONOR GRADUATES

Marlene Tromp, PhD, Vice Provost and Dean

INTRODUCTION AND HOODING OF MASTER OF ARTS IN INTERDISCIPLINARY STUDIES GRADUATES Sharon Kirsch, PhD, Director, Master of InterdisciplinaryStudies

INTRODUCTION AND HOODING OF MASTER OF ARTS IN COMMUNICATION STUDIES GRADUATES

Lindsey Meán, PhD, Director, Master of Communication Studies

INTRODUCTION AND HOODING OF MASTER OF ARTS IN SOCIAL JUSTICE AND HUMAN RIGHTS GRADUATES

Julie Murphy-Erfani, PhD, Director, Master in Social Justice & Human Rights

INTRODUCTION AND HOODING OF MASTER OF SCIENCE IN PSYCHOLOGY GRADUATES

Elias Robles-Sotelo, PhD, Director, Master in Psychology

Reader

Diane Gruber, PhD, Senior Lecturer, School of Social and Behavioral Sciences and Barrett, The Honors College

INTRODUCTION OF BACCALAUREATE GRADUATES Presented by

Louis Mendoza, PhD, Director, School of Humanities, Arts & Cultural Studies Roger Berger, PhD, Director, School of Mathematical & Natural Sciences Jeffrey Kassing, PhD, Director, School of Social & Behavioral Sciences

Readers

Diane Gruber, PhD, Senior Lecturer, School of Social and Behavioral Sciences and Barrett, The Honors College Duku Anokye, Associate Professor, School of Humanities, Arts & Cultural Studies

ALMA MATER—ARIZONA STATE UNIVERSITY

Music and Words by Ernest Hopkins and Miles Dresskell Michele Coombs — Vocalist

RECESSIONAL

Leonard Wood - Bagpiper

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 (\$25 annual or \$300 lifetime dues) 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 like 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 educationa 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 Mathematics; Applied Science; Applied Science—Cell and Molecular Biology Research; Communication; English; English—Secondary Education; Ethnicity, Race, & First Nations Studies; Forensics; History; History—Secondary Education; Integrative Studies; Interdisciplinary Arts & Performance; Life Sciences; Life Sciences—Environmental Sciences Concentration; Life Sciences—Forensics Concentration; Political Science; Psychology, Psychology (Online); Religion & Applied Ethics Studies; Social & Behavioral Sciences; Sociology; Spanish; Statistics; and Women & Gender Studies. New College offers Master of Art degrees in Communication Studies, Interdisciplinary Studies and Social Justice & Human Rights and a Master of Science in Psychology.

BACHELOR OF APPLIED SCIENCE

Sergio Alberto Aspericueta Holly Margaret Ayala Sheena Marie Carbaugh Adriana Colon Andrew Robert Cox Beau Michael Grothendick Devin Jenelle Hardin Saleem Jassim William Carey Nagle Rochelle Nicole Russell

COMMUNICATION

Emily Ellen Abellon Teresita Del Nino Jesus Alcala Brooke Lea Alvarado Allison Elizabeth Barrett Jessica Leigh Billeb Tia Astrid Bishop Dillion Richard Brugueras Angelica Ray Cable Nicole Marie Campana Benjamin Luke Cleaveland

BACHELOR OF ARTS

Nicole Ann Dorsett Christopher Nicholas Doumani Jeremy Nnanna Egwu Daniel Karl Erickson Roberto Sergio Estrada Kyle Scott Frazier Kenia Garcia-Alfaro Marisella Michelle Gomez Felicia Tori Greenwood Natalie Louann Hall Cori Ann Hartt Alyssa Grace Hayes Lauren Michelle Hazard Jarrad Micah Hicks Krista Feridah Jalaie Joel Alexander Johnson Carlotta Montrice Jones Justin David Krznarich Jack William Logan IV Christina Sue Mendicino Jennifer Diana Miles Chase Allan Mohrig Michele Marie Myers Scott Halbert Newbanks II Jessica Leanna Oates Lucas Renato Olivera Ashley Crystal Patton Janet L. Richards Ciara Josephine Ruiz Eric James Salwasser Tammy Guzman Schmidt Aaron Michael Sherrell Jamie Lorraine Traxler Kristina Yvette Venegas Christiana Tally Wento Michele Suzanne West Charli Marie Withee

COMMUNICATION STUDIES

Siria Alejandra Leos Stephanie AnnMarie Tutt

Carolyn Paige Worthington

ENGLISH

Alyssa Marie Crick James Christian Gelinas Elisabeth Rose Heath Justin Jones Arthur Jones Bruce James Kimura II Haley Jung Ae Marshall Jailen Brooke Mason Jennifer E. Muir James Vincent Pittaro, Jr. Corey S. Ruiz

ETHNICITY, RACE AND FIRST NATIONS STUDIES Riad Hadzihalilovic

HISTORY

Kevin Randall Anderson Clark Richard Bingham Chynna Bivens Christian Lee Cota Miguel Angel De La Cruz David Mark Doan Sean Michael Harris Bryan Scott Higgins Shawn Patrick Houlihan Kamila Jelani Mikayla Pearl Jones Jakob Francis Hamilton Klein Rhachael Marie Rager Andrea Christine Viel Michael Van Vo Barry Carlton Williams II

INTERDISCIPLINARY ARTS AND PERFORMANCE Trevor James Jones Victoria Elizabeth Rios

INTERDISCIPLINARY ARTS AND SCIENCES

Amanda Lynn Agelastos Walter Elliott Anderson Karen Becerra Amanda Verdie Beeson Kimberlie Renay Beeson Kristin Geri Benally Linda Susan Braun Abigail Dominique Eccles Anna M. Edwards Karla Rebeca Esquer Neva Ophelia Felix Dustin Ryan Largo Melodee R. Lewis Shalynn Kena Lopez Pamela Kay Lucero Lisa Lynn McMullen Daniel Peter Nun Jennifer Renee Parker Hugo Alberto Rendon Victoria Renee Zamarripa

LIFE SCIENCES

Zahraa Fares Alfartousi Zainab Aljumaili Yosor Altabtabaee Jesus Armenta Morgan Alyse Burkhalter Jenna Laura Moore Yevgeniya Yagudayeva

PHILOSOPHY, RELIGION AND SOCIETY Shea Wall

POLITICAL SCIENCE

Rafat Abdeljaber Branson Alexander Brown Miguel Angel De La Cruz Anna Diaz Carter Lewis Engelman David Lee Marson, Jr. Travis Lee Pollock Haley Alyse Schryver Patrick James Shields Jamie Lorraine Traxler Sean Kim Wilson

PSYCHOLOGY

Shannon Eaton Allen Julie Marie Amarillas Taylor Renae Arndt Daniel James Boyle James Joseph Brock Lauren Ashley Brown Krishnna Janett Carmona Lisette Shalimar Carmona-Gonzalez Kimberly Ann Casares Saul A. Castro Ubaldo Corona-Torres Chelsea Cassandra Cutchall Anna Elizabeth Davila Courtney Elaine Davis Ellen Kawehilani Atai Day Robin Marian Dial Nia Koreen Meyers Dickinson Farahnas Safa Doost Maureen Renee Dorwin Marlena Jeanelle Eastridge Jennifer Rose Eazell Natasha Lynn Ediger Ariel Etehad May Ann Adorio Fajardo Suzanne Marie Fay Raymond Filippi Elizabeth Middle Fischer Adam Damien Freitag Malar Ganapathiappan Stephanie Michelle Gangi Crystal Garcia Victoria Ghetti Brandon Lee Gilyeat Stacie Gonzalez Robert Whitney Griffin III Jamie Lynn Harper Kevin Lewel Heddwyn Ella Huzdovich Matthew James Irwin Kimberly May Jacobsen Katherine Elisabeth Jones Daniel David Juarez II Aaron Nathaniel Kearns Kendra Justine Kilbourne Ashley N. King Hannah Elizabeth King-Dodgen Jeremy Daniel Knappe Agata Karolina Krala Trinity Christopher Kunsman Sarah Elizabeth Lambert Kaila Jade Leake

Andrew Alexander Leal Monique Lynn Lemmons Miranda Eve Lewis Cynthia Lizaola Samantha Clayton Mack Danielle Leigh Madrid Matthew Robert Mariner Samantha Ann Maynard Zoey Rene Medrano Andrew Evan Mendenhall April Leanora Metheney Matthew R. Molina Linnette Montes Michael Joseph Morales Jessica Megan Morrison Katharine Elizabeth Mulloy Cherry Ngoc Nguyen Kevin Nguyen Ashley Paige Nielsen Kaylie Blake Niezgodzki Jessica Leanna Oates Alma Oblea Matthew John Pentz Danielle Renee Pierce Marleanna D. Poindexter Jonathan Edward Powers Elliot Dalton Profitt Irene Ouintero Cynthia Leticia Ramos John David Reading Melissa Norene Reeves Jenna Marie Renard Sabrina Nicole Richardson Shawn Michael Roberts

Veronica Marcelina Rocha Amanda Ann Salasibarra Manuel Justin Sanchez Norkis Isela Sanz Saumell Chelsea Kay Savastio Paige Morgan Schindler Jesse Harlan Schneider Stephanie Ann Schreiner Melissa Schultz Carl Allen Scott Sarah Ann Shaver Sarah Elizabeth Sinclair Stephanie Smith Desiree Geneva Solie Lindsey Marie Soward Tanya Lopez Stark Elise Marie Sudlow Amanda Keeley Sullivan Hannah Rebeka Syfritt Danielle Capri Tackett Amanda Tappo Francie Mae Teichman Geoffrey Wayne Thomas Christina M. Trujillo Tommy Tan Truong Jim Howard Tuomala Tina Louise VanBooven Lauren Anne Vankirk Meghan Anne Vazquez Craig Thomas Whitmore Jenna Rae Wilson Danielle Wood Kaylie E. Woods

SOCIAL AND BEHAVIORAL SCIENCES Alysia Christina-Symone Jacobs Alyssa Capri Land Cecilia Ann Reyes

Sherri Sierens Matthew Dorrance Walker

SOCIOLOGY

Brenda Chavez Travis Christopher Harrick Kendra Justine Kilbourne Tenisha Renee Knox Rowina Manygoats Jordan Linda Mariner Alyssa Catherine Nusse Marissa Diane Orsborn Francis Patricia Pacaja Brandon Jarod Spence Rozie Ter-Melkonyan Emily Michelle Waybrant

SPANISH

Cristina Maria Fauste Marlene Moran-Aguirre

WOMEN AND GENDER STUDIES

Kelsey Michelle Clark Rachael Lee Lambert Laura Danielle Martinez

APPLIED COMPUTING

Jaime Antonio Chon Kathleen Ann Currie Kyle Philip Gervais Ali Muridi

APPLIED COMPUTING (NETWORKING AND DISTRIBUTED PROCESSING) Joshua David Briscoe Michael Andrew Magga Michael Jordan Tucker Darrell Wayne Yazzie

APPLIED MATHEMATICS Anthony David Adkins

BACHELOR OF SCIENCE

Kreg William Barnes Charles Kamau Bryels, Jr. Dustin George Leffew Frank Vincent Scarpa Kyle Raymond Stewart Hien Nguyen Thu Vu Brin M. Wolf

COMMUNICATION

Armando Anthony Arredondo Brenda Chavez Jonathan Andrew Driggers, Jr. Jordan Linda Mariner Lauren Elizabeth Murphy Ionel Georgel Repta Zayarie Lynette Villafane Ashley Marie Watanabe

FORENSICS

Russl Altabtabaee Johnnie Michelle Ehrlich Tran Huyen Thuan

LIFE SCIENCES

Jennifer Liliana Avina Amra Beganovic Katie Christine Bratsch Alex Thomas Bullock Matthew Montgomery Burch Michael Phillip Coniam John Mark C. Filoteo Alanna Leigh Gillespie Zachary Tyler Green Cindy Li Yi Hum Cindy Kim Huynh Kasey Nichole James Erin Mique Kelley Robert Jay Knudson Jesse Austin Lam Sarahi Lerma Adam David Lowe Matt Ryan Mackay Christina Ann Martinez Ali Ibrahim Naim Destiny Natalia Ortiz Melanie Manahan Salva Kassandra Nicole Santos Brittney Marie Schnitker David Hua Seto Micah Makanamaionalani Shimabuku Dale Roberts Stevens II Narayan Subedi Winnie Tran Annika Vannan Julia Marie Varkey

LIFE SCIENCES (ENVIRONMENTAL SCIENCE) Andrew James Olson

LIFE SCIENCES (FORENSICS) Joseph Albert Bogushefsky IV Robert Daniel Carpenter

POLITICAL SCIENCE

Sean Steven Connolly Irma Carolina Davenport Johnathan Pay Huang Stephanie Maldonado Dylan Hope Morse Francis Patricia Pacaja Ashley Crystal Patton Phillip K. Seng Howard William Waldie IV Matthew Dorrance Walker Barry Carlton Williams II

PSYCHOLOGY

Vanessa Renea Adams Mayra Aguilar Antonio Alvarez. Jr. Rebecca Maria Averill Ana Maria Ayala Natali Blazevic Taylor Noel Boggio Kelsie Cooke Lucinda Kay Cousino Jessica Covarrubias Jade Celeste Dietzman Hayley Nicole Donovan Brittany Nicole Elliott Craig Travis Elliott Melina Almada Encinas Karla Rebeca Esquer Cristina Maria Fauste Alexandra Sue Flanders Joshua Devon Fulkerson Sabrina Marie Gillette Gillian Nicole Goldberg Brianna Racquel Gonzales Tynetta Green Yvelisse Guerrero Travis Christopher Harrick Julie Ann Holmen Katheryn Mary Holmes Taylor Rene Hospodka Gurjot Kaur Rebecca Elizabeth Kehoe Lalarukh Khan Kayla Marie Kitchener Michael Angelo Lacivita Rebecca Marie Lowenstein Anthony Duff Ludlum Kenneth Daniel MacPherson Ian Michael Maddox Teena Michelle Manuel

Doris Alexandra Martinez Shelby Lynn Mayberry Brandon Michael Mccolley Julienne Mendoza Kelly Ann Morris Laura Phrasavath Robin Danielle Ouinn Rebecca Christine Richardson Rosalie Ann Salazar **Daisy Sandoval** Amber Nicole Saunders Shiza Shahid Kalena Breann Skyarek Annette Pedroza Sotelo Amanda Marie Thomas Lauren Grace Tiritilli Hope Joella Vardis Victor Villegas Blane Taylor Wasson Scarlett Waterson Cvdnev Paige Woodson Mladen Zecevic Robert Nicolas Zizo

SOCIAL AND

BEHAVIORAL SCIENCES Katie Elizabeth Gonzales Amanda Renee Talbott Aissata Traore

SOCIOLOGY

Sean Steven Connolly Emma Leigh DiFrancesco Victoria E. Guinn Johnathan Pay Huang David Hua Seto Joedelyne Sosa

STATISTICS

Gwen Elizabeth Lindvig Robert C. Reiter

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

Thursday, May 14, 2015 4:00pm, ASU Gammage

PROCESSIONAL

MASTER OF CEREMONIES

Haley Paul, MS Water Conservation Specialist, Town of Gilbert President, School of Sustainability Alumni Chapter

WELCOME

Christopher G. Boone

GREETINGS FROM THE JULIE ANN WRIGLEY GLOBAL INSTITUTE OF SUSTAINABILITY

Gary Dirks, PhD Director, ASU Wrigley Institute Faculty, School of Sustainability Julie Ann Wrigley Chair Practice of Sustainable Energy Systems, School of Sustainability Director, LightWorks Distinguished Sustainability Scientist, ASU Wrigley Institute

> HONORED GUESTS School of Sustainability Faculty

STUDENT CONVOCATION SPEAKERS

PRESENTATION OF GRADUATE CANDIDATES

John M. Anderies, PhD Professor, School of Sustainability Professor, School of Human Evolution and Social Change Graduate Director, School of Sustainability Senior Sustainability Scientist, ASU Wrigley Institute

PRESENTATION OF UNDERGRADUATE CANDIDATES

Rimjhim Aggarwal, PhD Associate Professor, School of Sustainability Undergraduate Director and Chair, Undergraduate Committee, School of Sustainability Senior Sustainability Scientist, ASU Wrigley Institute

Arianne J. Cease, PhD Assistant Professor, School of Sustainability Senior Sustainability Scientist, ASU Wrigley Institute

CLOSING REMARKS

RECESSIONAL

ABOUT THE SCHOOL OF SUSTAINABILITY

Established in 2006, the School of Sustainability educates a new generation of scholars and practitioners and 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 Sustainable Solutions, Executive Master for Sustainability Leadership and Doctor of Philosophy degrees in Sustainability and 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 works closely with the Julie Ann Wrigley Global Institute of Sustainability, which is the hub of Arizona State University's sustainability initiatives. The Institute advances research, education, and business solutions to address fundamental sustainability challenges. 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, and community groups locally, nationally, and globally. To learn more, please visit sustainability.asu.edu and schoolofsustainability.asu.edu.

BACHELOR OF ARTS

Koren Nicole Andres Sarah Lindsey Boege Eric Daniel Caballes Dyana Marie Camera Sara Embree Mary Alicia Munoz Encinas Rachel Robin Fogel Kavon Gorgin Elizabeth Cristina Hernandez Isabelle Olive Lishewski Elsa Judith Mendez Marcela Francisca Mora Sean Taylor Murray Matthew Nicolls Olney Trisha Angelica Randall Madelyn Rattan Romero Sarah J. Schenck Sarah Rose Small Jaclyn Michelle Smith Rachel Claire Snyder Jake Ryan Swanson

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WALTER CRONKITE SCHOOL OF JOURNALISM AND MASS COMMUNICATION (Established 1984)

CHRISTOPHER CALLAHAN, MPA Dean

MARIANNE BARRETT, PHD Senior Associate Dean

KRISTIN GILGER, MA Associate Dean

MARK LODATO, BJ Assistant Dean

WALTER CRONKITE SCHOOL OF JOURNALISM AND MASS COMMUNICATION CONVOCATION

Tuesday, May 12, 2015 6:30 p.m., ASU Gammage

PROCESSIONAL

WELCOME

Christopher Callahan, Dean

SPECIAL VIDEO

Walter Cronkite: Legend and Legacy

KEYNOTE CONVOCATION SPEAKER

PRESENTATION OF MASTER'S DEGREE CANDIDATES Marianne Barrett, Senior Associate Dean

PRESENTATION OF BACHELOR'S DEGREE CANDIDATES Mark Lodato, Assistant 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 — accuracy, responsibility, objectivity, 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 1,800 students consistently lead the country in national competitions. The school has the best record in the Hearst Journalism Awards, often called the Pulitzer Prizes of college journalism, over the past nine years. Cronkite also has the country's best overall record in the national Society of Professional Journalists' Mark of Excellence competition over the same period and has taken first place in its region for 14 consecutive years and students have won three international Robert F. Kennedy Journalism Awards for reporting on social justice issues in recent years.

Students are guided by a faculty that is made up of both award-winning professional journalists and world-class media scholars. In recent years, the school has added to its faculty such leading journalists as former Washington Post Executive Editor Leonard Downie Jr., Minneapolis Star Tribune Editor Tim McGuire, BET Vice President Retha Hill, Sacramento Bee Executive Editor Rick Rodriguez, Forbes Magazine Publisher Jeff Cunningham, New York Times Senior Business Correspondent Micheline Maynard and Pulitzer Prize-winning journalist Jacquee Petchel.

The Cronkite School continues to lead the field of journalism education with its innovative use of the teaching hospital model for which it has received national acclaim. Recently, Arizona PBS, one of the nation's largest public television stations, became part of the school, serving as a hub for full-immersion professional programs and a testing ground for new approaches in journalism.

Cronkite students choose among a dozen different professional programs in which they work under experienced journalists and communications professionals to apply what they have learned in the classroom. They report on sports from multimedia bureaus in Los Angeles and Phoenix; they do public affairs reporting from news bureaus in Phoenix and Washington, D.C.; and they produce a nightly newscast that reaches 4.8 million viewers on Arizona PBS.

In the Public Insight Network Bureau, students work with professional news organizations to deepen their connections to audiences, and in the New Media Innovation and Entrepreneurship Lab, they use digital technologies to forge the future of journalism. Students in the school's Public Relations Lab develop campaigns for client companies, while Carnegie-Knight News21 student reporters conduct national data-driven investigations into issues critical to Americans. New bureaus at the school include a Business Reporting Bureau in which students report on business, finance and economics and a Digital Production Bureau, which serves as a multimedia development and production hub for the school.

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 unparalleled 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 and The New York Times have pointed to the Cronkite School as a leading example of changes taking place at journalism schools across the country. The prestigious publications 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. His 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 8,000 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 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."

Graduates of the school who are interested in joining the Cronkite School alumni chapter are encouraged to call 602.496.5555 or visit asu.edu/alumni. Stay connected to fellow alumni by registering at cronkitenation.com.

WALTER CRONKITE SCHOOL OF JOURNALISM AND MASS COMMUNICATION

BACHELOR OF ARTS

JOURNALISM AND MASS COMMUNICATION Carrie R. Adams Shirin Jose Ahmadpour Gary Brandon Alexander Miranda Marie Alm Maria Fialeta Andreeva Ciara Maire Archer Katrina Courtney Arroyos Alexander Ketter Austin Brittany Alexandra Bade Ryan Gust Bafaloukos Terrance Joseph Balousek Nicole Alison Barrett Jasmine Dawn Barta Michael Joseph Bartelt Brynn Katherine Beaty Stephanie Marie Bell Ashley Elizabeth Black Katelyn Dawn Blalock Jessica Ann Boehm Rebecca Allison Booker Daniel Thomas

Borgertpoepping Casey Allison Brecker Megan Elizabeth Breinig Ashley Ann Brevik Malcolm Alexander Brinkley Jonathon Jeremy Brown Temahle James Brown III Gretchen Carroll Burnton Celina Rey Busse Alicia Marie Canales Brenda Patricia Carrasco Andrew Catanzariti Aleksandra Anna Cataruzolo Annika Susanne Cline Mackenzie Nelydia Concepcion Alexandria Noel Conrad Jared D. Cooper Joe Daniel Cortez Brett Austin Cowett Cory Theophilus Crowe Angela Maria Crusco Jeannette Marilyn Cruz Mackenzie Leigh Cummings Alec Damiano Sara Sargon David Samantha Kristen Davis Julianne Marie Defilippis Lindsey delaTorre Stephen Delorenzo Gian-Franco Alcantara Demano Caelen Noelle Demos Collay Carole Dennis Dominick Anthony Difurio Sarah Constance Dinell Adriana Guadalupe Loya Dominguez Carina Nicole Dominguez Ross William Dunham Johanna Elyse Dupuy Alexis Gonzalez Eader Brian Gray Edwards Mariah Ann Ellis Cierra Lynn Marie Eubank Axel B. Everitt Katie-Lee Faulkner Blane Marshall Ferguson Victoria Michelle Fernandez Casey Elise Ferreirae

Avery Lawrence Feyrer

Joy Jeanette Findeisen Cailyn Chaney Finkel Darby Nicole Fitzgerald Joshua Ross Frons Jasmin Lee Garcia Korina Garcia Anthony Frank Gennario Amelia Nicole Goe Christopher Chase Golightly Noemi Alejandra Gonzalez Cozette Sade Gordon Lauren Marie Grifo Danielle Alene Grobmeier Alejandra Guillen Kylie Renee Gumpert Stephanie Guzman Stephanie Victoria Habib Lauren Taylor Handley Sepeedeh Hashemian Mariah Michelle Hickerson Rvan Michael Hill Tess Noel Homan Tana Lauren Hughes Kristen Lee Anne Hwang Amanda Marie Janczak Justin Michael Janssen Courtland Emmett Jeffrey Alyssa Ann Jones Jason Matthew Kalafut Megan Ann Keitel Sarah E. King Christian George Klein Lauren Elise Klenda Caleb Aaron Klug Falynne Elizabeth Knight Max Daniel Kraust Colton Casimir Krolak Brandon Edward Kutzler Taia Ann Kvitek Christopher Anthony Lambert Nicholas R. Lamoureux Trey Joseph Lanthier Cody Merritt Larkin Alyssa Klaire Lee Elizabeth Guadalupe Leon Daniella Alysa Lerma Tayllor Paige Lillestol Kelsev B. Linn Sierra Ann Loerch Natalie Justine Long Kevin Michael Longley Audree Katherine Lopez Troy Alexander Lopez Shelby Brooke Madson Sarah Elizabeth Mann Hunter Edward Marrow

Sophia Elizabeth Mayberry Mackenzie Ann Mccreary Cydney Grey Mcfarland Rick Anthony Medeiros, Jr. Angelie Manubag Meehan Imelda Mejia Hayli Nicole Metter Mark Michael Mingura Garrett Alan Mitchell Hannah Rose Mitchell Travis David Moore Brett Ranon Nachman Chandler Catarina Nason Thuy Lan Thi Nguyen **Emily Jaye Nichols** Domenico Giuseppe Nicosia Katelyn Elyse Niemiec Whitney Paris Ogden Kimberly Nicole Olson Alana Ray Osborne Kari Danielle Osep Sierra Elizabeth Oshrin Adrianna Jean Ovnicek William Shawn Padmore Madeline Grace Pado Austin Joseph Paetow Summer Shell Pauli **Kyle Austin Payne** Paulina Vanessa Pineda Jessica Teilor Popowcer Brandi Shea Porter Daisy Prado Meiti Prang Marcus John Reardon Erin Marie Regan Bianca Joyce Repasi Elizabeth Roxanne Riecken Noa Susana Hernandez Rivera Miranda Marguerite Rivers Mara Bess Robinson Avery Joan Robrock Randsom Ames Rockliffe Erin Kristine Roman **Dillon Rosenblatt** Darryle Christie Royal Jeffrey William Sanders Mercedes Michelle Santana Shannon Jane Scharrer Sydney Madeline Schuman Mary Nicole Schwab Mackenzie Lynne Scott Justine Petersen Searle Matthew Neil Seeman Nicholas Shaw Nicholas Ryan Shively

Kristen Marie Sigg Michael Prescott Smith William George Sowards Maggie Marie Spear Laura Jean Sposato Megan Alyssa Stalbaum Nicole Brittany Stein Adam Richard Stites Kelsey Tardio Danielle Paige Teitelbaum Tara Lynn Terregino Maria Kathryn Thompson Megan Lynn Thompson Nicholas Charles Utley Christina Marie Uva David Megantic Van En Corina May Vanek Vianka Villa Reyna Jaimee Wall

Jessie Kay Wardarski Jamie Warren Brooke Leanne Wasowicz Brooke Taylor Weathersby Meredith Diana Witthar Lauren Alaine Wong Jesus Yanez-Reyes Jordan Alexis Young Jessica Lynn Zook

MASS COMMUNICATION

AND MEDIA STUDIES Stephen Michael Abbott Erin Elizabeth Alley Michael A. Castruccio Catherine Faye Croutcher Wesley Jamison Cummings Jeremy Ethan Gertell Marisela Belen Gomez Lillian Michelle Horine Alyssa Johnson Lindsay Nicole Kalbfleisch Chandra Michelle Kendrick Kelly Shawn Kernohan Katherine Elizabeth Levy Robert J. Luna Kyle Steven Martin Adrian Roberto Miranda Aisha K. Mitchell Monica Tatsumi Miyagi Maya Springhawk Robnett Andrew J. Sasek Brandon Shipley Bariah Cristina Steiner Rachel Elizabeth Urban Leandra Nikita Weekes Krystin Marie Wood Erin Alyse Woods

W. P. CAREY SCHOOL OF BUSINESS (Established 1955)

Amy HILLMAN, PHD Dean

KAY A. FARIS, PHD Senior Associate Dean, Undergraduate Programs

TIMOTHY J. DESCH, MED Assistant Dean, Admissions, Undergraduate Programs

> JOSEPH R. CARTER, PHD Associate Dean, West Campus

MARK MANFREDO, PHD Associate Dean, Polytechnic Campus

STACEY WHITECOTTON, PHD Senior Associate Dean, Graduate Programs

BUCK K. W. PEI, PHD Executive Dean, W. P. Carey in China

W. P. CAREY SCHOOL OF BUSINESS UNDERGRADUATE CONVOCATION

Thursday, May 14, 2015 2:00 p.m., Wells Fargo Arena ASU Tempe Campus

MASTER OF CEREMONIES

Kay A. Faris, Senior Associate Dean, Undergraduate Programs

Stage Party Processional

ALMA MATER - ARIZONA STATE UNIVERSITY

Music and Words by Ernest Hopkins and Miles Dresskell

GREETINGS

FEATURED STUDENT SPEAKER

Turken Family Outstanding Graduating Senior Scott Bohmke

FINALISTS Scott Bohmke Laura Gagliano Kelley Gullo Cary Kelly Betty Lee

INTRODUCTION OF GRADUATES Readers of Names

Timothy Desch, M.Ed., Assistant Dean, Admissions, Undergraduate Programs John Eaton, Ph.D., Clinical Professor, Department of Marketing

DEPARTMENT CHAIRS

Philip Reckers, Ph.D., Director, School of Accountancy Mark Manfredo, Ph.D., Director, Morrison School of Agribusiness Gustavo Ventura, Ph.D., Chair, Department of Economics Thomas Bates, Ph.D., Chair, Department of Finance Michael Goul, Ph.D., Chair, Department of Information Systems Trevis Certo, Ph.D., Chair, Department of Management Beth A. Walker, Ph.D., Chair, Department of Marketing John W. Fowler, Ph.D., Chair, Department of Supply Chain Management

UNDERGRADUATE COMMITTEE

Perseus Munshi, MBA, School of Accountancy Roger Hutt, Ph.D., Morrison School of Agribusiness Cara McDaniel, Ph.D., Department of Economics Laura Lindsey, Ph.D., Department of Finance Kathleen Moser, Ph.D., Department of Information Systems James Moore, Ph.D., Department of Management Amy Ostrom, Ph.D., Department of Marketing Eddie Davila, MBA, Department of Supply Chain Management

CLOSE

Kay A. Faris, Senior Associate Dean, Undergraduate Programs

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.

More than 10,000 students attend the W. P. Carey School of Business, including about 50 National Merit Scholars and more than 100 doctoral candidates. The student body is especially diverse, including representatives from more than 90 countries.

The acclaimed faculty includes a Nobel Prize winner, members of the National Academy of Sciences, a Guggenheim Fellow, and a fellow of the American Academy of Arts and Sciences. Many faculty members are also on the editorial boards of academic journals and publications. The school boasts 11 well-known research centers and a research institute, and is ranked Top 25 worldwide among business schools for research productivity.

Both the school's graduate and undergraduate business programs are ranked Top 30 in the nation by *U.S. News & World Report*. The executive MBA program is ranked No. 13 in the world by *The Wall Street Journal*. The W. P. Carey School of Business is also known for providing excellent "return on investment" at both the graduate and undergraduate levels.

Undergraduate Bachelor of Science degrees are offered in nine areas, including accountancy, business data analytics, business entrepreneurship, computer information systems, economics, finance, management, marketing and supply chain management.

Undergraduate students also have the option of earning a Bachelor of Arts degree in business with a concentration in Chinese language and culture, communication, food industry management, global agribusiness, global leadership, global logistics management, global politics, human resources, law, public service and public policy, retail management, Spanish language and culture, sports and media studies, statistics, sustainability, technology, tourism management or urban policy.

The school's renowned MBA program is offered in five platforms: full time, evening, executive, weekend and online. Students can also earn master's degrees in accountancy, business analytics, finance, global logistics, information management, management, real estate development or taxation. The school ranks high for the quantity and quality of its doctoral graduates. Many managers and executives also come to the school for its highly desirable executive- education certificates, placing a heavy emphasis on professional development.

The school's extensive alumni network is 90,000 strong. Distinguished alumni represent highly regarded companies from diverse industries, including manufacturing, technology, retail, banking, accounting, entertainment and food, as well as smaller entrepreneurial firms and respected nonprofit organizations.

The school provides students with personalized assistance in their job searches through dedicated graduate and undergraduate career centers.

For more information about the W. P. Carey School of Business, please visit wpcarey.asu.edu.

W. P. CAREY SCHOOL OF BUSINESS

BACHELOR OF ARTS

BUSINESS (COMMUNICATION) Timothy James Addabbo Alex David Akers Eiman Ibrahim A Alhabib Majed Mohammad A Alhudhayyiri Ryan James Amwake Brittani Kristine Anderson Andrew Thomas Andreoli, Jr. Jaime Emmanuel Arana Lizbeth Jeanneth Arteaga Ricardo Roberto Baez Audree Baker Victoria Katherine Banaszczyk Justin Ray Barcom Mary Elizabeth Battey Kevin Richard Benning Lavinia Maria Bercea Megan Rae Bergman Saron Fessehaye Berhe Tyler Theodore Berry Karina Raquel Biebrich Hannah Marie Byrne Nadine Montemayor Cafuir Dylan Reid Cambareri Kelsey Marie Carmena Nika Nichole Cervantes Andre Chamberlain Daniel Sang-Hee Choi Abhinav Choudhary Peter Sung-Wook Chung Bradley Stuart Contreras Mason Richard Couture Ellvse Diann Crow Branden Jacob Cruz Ashley Nicole Daniel Kate Ashley De Jesus John Alan Della Bona Nicole James DeRienzo Stuart Thomas Dougherty Ryan Christopher Dykes

Carmen Lychelle Enns Marina Cay Farro Chelsea Lynn Fasso April Nicole Fendt Charles Edward Fiddler Christopher William Fleegle Amanda Marie Forlin Bradley Robert Forster Nigel Alexander Foulds Jacqueline Rose Fournier Kristina K. Frame Sarah Marie Freeman Jiaying Fu Martin Galvez, Jr. Shanice Michele Gayton Roni Gershom Alexander James Glenn Chelsea Nicole Goodson Danielle Lindsey Gorman Steven Edgar Goyette Stephanie Marie Greenbaum Trevor Francis Guerrieri Braden Hamel Brooke Mauresa Hanley Sarahi Elizzandra Chacon Hernandez Louis Allan Hinchey II Amber Noelle Hivon Brandon Scott Hoffman Jessica Lynn Holfeld Haley Nicole Homan Michael Christopher Hopkins Favian Perez Horta Matthew Lamar Horton Alexandra Houdelot Alicia Faye Hunter Sergei A. Isparyan Alexandra Érica Jamieson Skylar Marshall Jarrett Alexa Nichole Kidman Mackenzie Autumn Kneer Jordan Daniel Kolber

Kayla Susan Kompanik Dylan Robert Kramer Zachary Parker Kravitz Jacqueline Suzanne Kreitzer Savannah Marie Larsen Gary Blake Larson Steven George Lecometros Nian Li Zhijian Li Michelle Isamar Lomas Liiia Lu Michael Christopher Lynch Jiaiun Mai Sahara Martinez Anna Elizabeth Martinson Jillian Jean Mauntel Brittany Marie McBay Kevin Michael McDevitt Michael Connor Mcgowan Cara Lynn Meyers Wendell Charles Mook Alexander Richard Moreno Brady Will Morgan Ashley Rose Muzzillo Jacob Carl Nahom Wesley Jonathan Nee Kelsey Lynn Neverman Khoi Huu Nguyen Michael Joseph Nisi Kaylie Cheryl Norris Hannah Alvse Ossman Jaime Nicole Ott Robert Raymond Pabon, Jr. Payton Leigh Palmer Samuel Lewis Perkins Jayden Marie Perreault Katy Janette Pluster Ryan Andrew Pollack Kevin Dewayne Radford, Jr. Alexxa Reign Randolph Patricia Ann Redden Colton John Reese

Steve Vincent Repking Scott Donovan Ridgeway Anthony Eric Frank Rivera Axel Yuriel Roman Tayler Kaitlin Ross Jennifer Paige Rowley Xue Rui Melissa Ruiz Cinthya Sanchez Kevin Russell Sauer Kathryn Margaret Schnautz Skye Brion Schooley Kelsea White Schuppert Kelsey Anne Scott Alex William Nazario Segovia Nicholas Scott Sfreddo Taylor Morgan Sidor Katherine Elizabeth Skoff Tavlor Ann Sloot Bradley Steven Smith Kylee Brianne Smith Marcus Paul Sobczyk Boo Khay Soh Bryan Soto Brandon Wayne Stallard Katelyn Paige Stege Kaitlyn Nicole Suhadolnik Leonard Lamar Taylor, Jr. Jackson Ira Thorn Monique Elaine Tiguila Laura Tomlinson Joanne Truong Jessica T. Tso Noelle Elizabeth Van Roekel Veronica Cortes Vasquez Felipe Viera, Jr. Chelsey Dawn Wahlman Lei Wang Molly Ann Watson Kristen Victoria Westervelt Tyler David Wilson Bethany Lynn Winterstein Cody Ryan Woodruff Miriam Jessica Yacoub Jeein Yoon Elizabeth Alice Zilverberg Deidre Lynn Zuniga

BUSINESS (GLOBAL LEADERSHIP) Andong Cai Christopher Gregory Deese Joshua Matthew Deiter

Jeffrey Michael Delong

Jared Prescott Eames Yiu Lam Fong Brandon Michael Gallegos Anahi Gonzalez Beatrixia Lim Ashley Tayler Rhodes Anisha Nicole Saini Flore Yatorongbo Singa Merin Kendall Stoneman

BUSINESS

(GLOBAL LOGISTICS MANAGEMENT)

Corey Reuben Bayne Hyun Tae Choi Derek Lee Funkhouser Bradlev Alan Johnson Yan Ping Eunice Li Ernesto Marquez, Jr. Maria Fernanda Montalvo Carmen Cecilia Lazo Romero

BUSINESS

(GLOBAL POLITICS)

Jose Angel Aispuro Jillian Amanda Bauman Peter James Boyaird Connor Robert Johnathan Buchanan Abigail May Buening Alexis Ann Burk Juan Manuel Campos, Jr. Dillon Sinclair Conant, Sr. Eric Austin Convers Blake Chandler Dipinto William Christian Fowls Alexander Leland Gewecke Lyndon James Higdon Brandon Michael Hodgeman Taylor James Hunt Alex Nicholas Jones George Austin Kaiser Cary Shepherd Kelly Christopher Luis Mendezona Garrett Albert Nebeker William Henry Harrison Nelson Nicholas Lee Nist Kevin Anthony Risser Alyssa Gabrielle Sims Zalman Badi Stern-Sapad Mark Kenneth Webb Caixiang Ying

BUSINESS (HUMAN RESOURCES)

Debra Lynn Daingerfield Sarah Elizabeth Ferrato Rebecca Lynn Fossen Samantha Kim Hunkler Alexandra Lauren Kastanis Sierra Anne Landon Christina Susan Schmitzer Jessica Marie St. Louis William Still II

BUSINESS (LAW)

Lindsay Rebekah Abel Avi Walid Abubaker J. Scott Ackerman Jared Patrick Ahern Jose Fernando Andrade Nicolas Austin Balbona Armin Basic Alexander Daniel Becker Thomas Raymond Bellucci Bryan Maxwell Bennett Alessandra C. Bermudez Rachel Nicole Berry Nate Benjamin Birtcher Dylan Joseph Cantral Carl Richard Centola III Patrick Andrew Contasti Erin Mariah Conway Jennifer Clare Cooper Joseph Cain Czerwinski Tao Duan Lauren Marie Edmonds Stacev Ann Eskinazi Devon Ethan Ethier Daniel J. Fulce Andrew Michael Galler David Glenn Garza Max Daniel Gaynor Frank Thomas Z. Gonzales Alyzabeth Rene Gonzalez Linsey Nicole Goodwin Paige Nicole Green Christopher Charles Griffin Genna Marie Groff Christopher James Groh Omar Raed Mustafa Halawa Samuel Ross Halem Ashley Rose Hall Austin Marshall Havens Calvin Edward Hayes Megan Nicole Hayes Margaret Hoffman Trevor Andrew Hoffman

Brian Robert Ingels Christina Elizabeth Jones Kevin Michael Jones Devin Goldsmith Kaufman Alec Carson Kirshner Cole Robert Krieger Dikranouhi Krikorian Brandon Paul Krueger Adam Krummenacher Arielle Suzanne Lake Amanda Christine Lewis Zachary Bryson Lowe Neema Mahmoodi Timothy James Mcgavock Nicholas Robert Mckirgan Ethan Mcrae Mario Alonso Meza Gerard James Mildenberger Π Kelly Elizabeth Mitchell Darryl Ryan Monteilh Sarah Elena Munguia Lauren Signe Nilsen Eric Anthony Nix Kendra Lynette Owusu Trey Arthur Poirier Robert Anthony Prochnow Rhiana Noel Ricciotti Priscilla Marie Robles Daniel Paul Rollino Kyle James Rosendale Garrett Adam Rupp Cameron Lee Scebelo Madeline Kathleen Schmidt Kelsea White Schuppert Sunny Elizabeth Shipley Mark Lewis Slater Evan Mauricio Smalls Eric Kyle Snidecor Arthur Joseph Steingart Clinton Craig Steinhoff Stefanee Breanne Stevens Richard Jefferson Stewart III Benjamin Mitchell Suskauer Lauren Elise Vigil Mark Kenneth Webb David S. Wilson III Mallory Lynn Witthar

BUSINESS (PUBLIC SERVICE AND PUBLIC POLICY) Daniel Alexander Bellissimo Ivette Paulina Estrada Amanda Marie Forlin

Lucas Botone Gordon Ramiah Denise Jackson Maggie Lane Lapoint Annie Sue Lombardini Natalie Maria Orrantia Renae Alejandrina Savala Kristina Renee Trunkenbolz

BUSINESS (SPORTS AND MEDIA STUDIES)

Lindsav Rebekah Abel Nicholas James Bell Nicolas Salvatore Camillo Case Christopher Debusk Jordan Ross Dickey Kevin Bruce Dunn Ryan Charles Dytrt Christopher Lee Hanse Jonathan Louis Jacobs Alexander Thor Molchan Joshua Leighton Kawika Nacion Eric Anthony Nix Delaney OMalley Valerie Angelica Quintero Keaton Carus Roed Tyler David Sears Alex William Nazario Segovia James Shewbridge Hung T. Tran Shelby Lynn Wernet

BUSINESS

(SUSTAINABILITY) Luke Francis Atkinson Brandon Porter Blaettler Alexander Neely Bush Natasha Rae Calman Michael Angelo Cataldo Madeleine J. Chapman Peifeng Chen Preethika Chithapuram Victoria Lee Clausen Brianna Aislinn Ferry Gregory Josef Finkelberg Matthew Thomas Genovese Jacob Lee Gibbs Edel Alan Gonzalez Jacob Gerald Graham Isaac Ray Grove Candice Michelle Hodges Erika Lee Hoffmans Favian Perez Horta Connor Thomas Jaynes Lyle Eric Johnson

Michael Gentry Kelleher Yoo Rim Lee Rachel Elizabeth Leff Yiguang Liu Jacquelyn Claire Melling Elliott Ashton Miller Mario Iván Sánchez Muñoz Lauren Nicole Nordhaus Robert Charles Pereira Blake Andrew Perry Ali Abdulrahman Radai Nathan Ruehl Rees Daniela Ordonez Ruiz Lauren Claire Savage Hannah Sophia Sparer Connor Stephenson Udasco Jarom Dean Walker Jonathan Albert Weir Philip Bruce Wesbury Travis James Wolfbauer Rvan Robert Woodburn Wootaeg Yang Claire Elizabeth Young

BUSINESS

(TECHNOLOGY) Adam Ash Geiger Corey Sean Gilmore Chad Alan Koeth Jonathan Robert Montero Kyle John Nowicki

BUSINESS (TOURISM)

Sean David Bogusz Michelle Mingfung Chen Andrew Duncan Copeland Shannon Irene Cullinan Brianna Antionette Davoll Brenda Lorena Gonzalez Caitlin Pauline Hallahan Cortney Erin Harraghy DaoYong Hua Calissa Perrin Kasperski Katelin Rae Kelman Melissa Ann Kern Rachel Lynn Koestner Kristoffer Kruse Llumel Jay Tugade Magana Zachary Chadwick Moorehead Taylor Namiko Rees Sierra Renee Romagnoli Jocelyn Kim Vingerelli Alexander Richard Wister Yang Xu

BUSINESS (URBAN POLICY) A Abdulrahman Abdullatif A Almaqhawi Jasmine Miranda Clarke-Telfer Cammy Thi Hoang

BACHELOR OF SCIENCE

ACCOUNTANCY Payam Andrew Afs

Payam Andrew Afsharinasab Hashim Zaim Al-Assi Khalid Abdulaziz M Aliamed Farah Saleh H Almayyad Evan Robert Anderson Julie Christine Anderson Malinda Gl Anderson Aubrey Kathleen Angelo Amr Adnan A Balkheyour Lavinia Maria Bercea Hailong Bi Ashley Nicole Bohman Scott Kaler Bohmke Allison Lynn Boyko Troy Robert Brennan Lauren Danielle Brimhall Christopher Brinkerhoff Anaiz Perez Camargo Zachary Andrew Castagna Luying Chen Jacob Stuart Colaric Casey Michael Danielski Bridget Caroline Davis Carolina Esperanza De La Cruz Guanghuai Deng Yulin Deng Austin Ned Desenberg Jeffrey Randall DeSpain Samuel Miles DiPietro Sandra Jessica Dolan Jessica Leigh Domenichelli Zachary Isaac Dominguez Emma Anne Dugan Rodrigo Espinoza Andrea Elisa Fabrega Sarah Farnes Kiera Michelle Fisher Khrystal Marie Fleming Michael Tanner Fleming Michael R. Fowkes Heather Nina Fox Myles Jens William Gaarde Cameron Louis Gibson Meghan Marie Gifford Robert Anthony Giorno

Anais C. Gomez Hubert Frank Gourgue Logan Douglas Grant Erica Guerrero Wenlong Guo Cameron Johnathan Heath Jared Sean Hirschl Jav Michael Hofer Yehui Huang Shawn Elliot Hull Zacharv T. Huwald Justin Michael Janssen Ramsey Christopher Joseph Samuel Aaron Kagen Zahra Babar Khan Stephanie Nicole Klinefelter Kelsi L. Koch Lindsey Lee Koppy Yongtong Kuang Travis Michael Leasure Christina Michelle Lee Hvemin Lee Michael Paul Lemke Monique Briana Leon Ang Li CeLi Danling Li Andrew Liu Miguel Lopez-Gonzalez Lu Lu Jiaxian Luo Wanming Luo Melina Christine Machas Meredith Mary Maher Alexis Marie Maloney Eric Christopher Massaro Robert Carl McCoach Shawna Kay McDonald William Chase Mclaughlin Alejandro Vizcarra Mendez Anthony Joshua Miller Ashley Nicole Moore Cesar Eduardo Morales Jennifer Michelle Motherwell Jeffrey Edward Mulkern Jennifer Marie Mullaly Nicholas Andrew Muller Sheridan Nicole Myers

Ashley Marie Ortiz Michelle Gail Osofsky Yizhen Lei Owsley Ryan Anthony Page Alexis Morgan Park Brian Patrick Parson Maria Alejandra Pelaez Yue Peng Andrew Joseph Peters David Minh Tung Pham Jorge Prieto Michelle Lynn Principe Christopher Andrew Quincy Christian Michael Rahberg Victor L. Ramos Stacy Lee Redmond Haimo Ren Rocio Del Pilar Jauregui Rivera John Roberts David Michael Roppel Khaled M. Salem II Helga Yelena Salgado Jeff A. Salo Lauren Claire Savage Eric Alan Seelhammer **Baylor Scott Sezate** Molly Noelle Shaw Justin David Shiflet Fallon Alicia Singer Steven Ray Slover Christopher M. Smith-Jordan Taylor Jo Smoyer Michelle Marie Soper Brandon William Starkweather Douglas Ray Steiner, Jr. Adam Wylie Stenson Dallin Castillo Stone Daniel James Surmanek Scott Linh Tang Rachel Amber Tenison Brice Michael Thurston Ryan Russell Toohy Miranda Elizabeth Tornatore Vincent Michael Torres Samantha Leigh Trejo Vanessa Naomi Trujillo

Jordan Taylor Valocchi Michael J. Vaughn Christian Darsett Velandia Emily Helen Walsh Trevor James Walstrom Feng Wei Gary Spencer Williams, Jr. Samantha Rose Williams Stephen Lee Willoughby Jason Tyler Wilson Xingyuan Xu Zhan Xu JiYoon Yang Yanxiang You Francesca Marie Zanzucchi Haley Marie Zarbock Gabriel Fernando Zepeda Qiuhe Zhang Weilin Zheng Tongxin Zhu

AGRIBUSINESS (GLOBAL AGRIBUSINESS) Clint Colman Andren Mariah L. Chacon Brent William McCall

AGRIBUSINESS (PROFESSIONAL GOLF MANAGEMENT) Edward J. Albrecht

BUSINESS ADMINISTRATION Dominick Allen Torres

BUSINESS ENTREPRENEURSHIP

John Robert Burley Andrew R. Gohde Joseph Patrick Gutos Joshua James Howland Sergei A. Isparyan Emily Anne McCaleb

COMPUTER INFORMATION SYSTEMS

Hashim Zaim Al-Assi Nicholas Alexander Amoroso Tyler Cole Anderson Jose Fernando Arballo Julian Aziz

Steven Douglas Beverly Nicholas Alexander Bishop Charles Elmer Brown, Jr. Michael Francis Buckley Matinee Cheevasittirungruang Fan Chen Po-Hsiu Chen Gilberto Lopez Chiquete Tyler James Daulton Jorge Luis Delgado, Jr. Jeffrey Randall DeSpain Caroline Marie Dougher Ivette Paulina Estrada Laura Katherine Gagliano Kevin James Galati Justin Malcolm Giddens Tarun Bhardwaj Gorowara Jonathan Grijalva Bryan Patrick Guise Sachini Navanthi Gunawardana Arick Ryan Hanna Walter Elliot Harvey III Matthew A. Henderson Andrew Thomas Hollingsworth Jeremy Keith Humpherys Nitin Jain Gopi Karunamoorthy Derrick Thomas Kearney Katie Lou Kramer Brandon Robert Lacquement Jaeho Lee Jin Ho Lim Travis James Lindahl Lance Matthew Locke LingLing T. Luong Bryan Andrew Mercado Joshua Timothy Monaghan Patrick Scott Morong Christopher Michael Nappi Jonathan Michael Nazzaro Jonathan Scott Nelson Matthew Kenji Okamoto Ashley Marie Ortiz Cody Gene Pugliese Jose Jesus Recendez Jeffre Cole Recker Taylor Lauren Reigel Kevin Anthony Risser Jonathan Quinton Romain Thomas Scott Rullestad Kyle Steven Salomon Ethan Scott Selin

Sophea Veronica Soeun Steven Joseph Somenek Brandon William Starkweather Prajwal Tamang Bill Xue-Min Tan Steve Truong Rachel Lee Vaney Paul Klaas VanHerpen Michael J. Vaughn Jason Thomas Weeks Francesca Marie Zanzucchi Dejan Zelic Song Zhang Chao Zhu Mark William Zoyne

ECONOMICS Faisal Abdulaziz A Alhedeithy Ryan Mccarthy Davis Nathan James Duell Jeffrey David Durham Alexander Watt Eimiller Azeem Lee Eskandari Andrew Justin Farber Leah Marie Fiacco Alexander Leland Gewecke Kelley Ann Gullo Jenna Christine Hoban Alexander Joseph Hodges Jacob Allen Ivy Ian Alexander Johnson Seema Kassab Cary Shepherd Kelly Andrew Cooper Kent Andrew David Klein Marko Kuzet Philip Andrew Lamaster William Greenwood Langston Ш Andrew Liu David H. Ludwick Thomas William Macdonald Erica Arvo MacKenzie Michael James Mefford Daniel Alves Penaherrera Robert George Schenck Patrick Robert Seip Meagan Marie Somo Jordan Alexander Spurlin Kyle Elliot Suzenski Cody Forrest West David S. Wilson III Wentao Xu Charles Joseph Zulanas IV

FINANCE Elise A. Abrego Anne Nelson Adams Payam Andrew Afsharinasab Ibrahim Ali I A Al-Abdulghani, Sr. Hashim Zaim Al-Assi Khalid Yaser M J Al-Mesalam Abdullah Ibrahim A Aljallal Parker Geoffrey Allen Paul Cristopher Allen Simon Edward Allen Brandon Obayda Alsayed Alexis Cristina Alvarado Nicholas Alexander Amoroso Joseph Kyle Anderson Mitchell Garrett Andreas Chase D. Aulick Grace Catherine Auther Julian Aziz Ryan William Berns Steven Bibian Eliyahu Nachum Block Kellie Nicole Bochart Rachel Diane Bradley Allison Renee Carter Connor Matthew Caruso Timothy Allen Causey Leah Rolls Chambers Leiguangyao Chen Siyuan Chen Xing Li Chen Benjamin Alan Click Lane Cameron Davern Riley Nathanial David Erik Ochoa De Leon Erik DeMar Angela Deng Guanghuai Deng Colby Loran Denton Austin Ned Desenberg Ryan DiCicco Mitchell Adam Dougherty Devon Nicole Ellis Stacey Ann Eskinazi Carson James Ewanich Joseph Anthony Falduto Elisa Danielle Fankhauser Andrew Justin Farber Parker C. Foltz Kyle Masashige Fukuhara Gabriel Antonio Garcia Jessemon M. Garcia Cameron Lee Gardner Lingnan Ge Ethan Benjamin Gilbert

Robert Anthony Giorno Anais C. Gomez Hubert Frank Gourgue George Andrew Graham IV Alexander Robert Green Josiah Anthony Grimes Christine Lynne Grover Daniel Mohammed Hager Kevin Patrick Harris John Samuel Heiler Matthew Eric Higgs Albert Michael Hiteman Tawnie Hobson Jerry D. Hook Chih-Hao Hsieh Yang Hu Yehui Huang Kaitlin Irene Hubert Natalie Frances Hulet-Sandblom Kvle Pete Hult Skyler Kevin Hunter Zachary T. Huwald Jacob Allen Ivv Zachary Robert Jackson Sahil Nemi Jain Tina Jean Kaelin Matthew George Kain Gopi Karunamoorthy Alec Joseph Katric Devin Goldsmith Kaufman Krysta Leigh Kimmett William Zachary Kostaras Kevin Scott Krone Brandon Paul Krueger Daniel Andrew Leavy Betty Audrey Lee Matthew Anthony Lenzie Samuel Lynn Levine Melissa Lauren Ley Xuan Li John Steven Linamen Andrew Liu Liwei Liu Louis Dominick Lizza II Sheng Long Brock Parker Ludolph David H. Ludwick Wanming Luo Elai Lustgarten Ryan Andrew Maack Jordan Anthony Makis Nicholas Steven Martinez Alyssa Lynn May Leslie Helene Mazion Robert Carl McCoach

William Chase Mclaughlin Vidhi Mehta Cody Riley Melillo William Thomas Miner Mariela Lopez Mora Thomas Richard Mulhern Garrett Albert Nebeker Eugene V. Nolfi Tro Hratch Panosian Brian Patrick Parson Andrew Craig Paulus David John Picone Stuart Qualls Jacob Thomas Reilly Reynaldo Rodriguez Erin Kristine Roman David Michael Roppel Florence Rose Ruttledge Colton Richard Sanchez Trevor Ryan Scheid Michael Steven Schulz Soulie Anahi Segovia Jordan Alexander Spurlin Jacob Jordan Strick James Edward Sullivan Bill Xue-Min Tan Wing Yi Tao Samantha Leigh Trejo Joseph Michael Vale Diego Antonio Vallarino Sarah Elizabeth Van Horn Casey James Vaughan Eric A. Verska Ryan James Vizzard Rozaline Katherine Voges Michael Geoffrev Volk Joseph Michael Wallace Jiapeng Wang You Wang Ryan Peter Wanta Joshua Ryan Wedel Nina Elizabeth Weis Dylan Scott Williams Michael Stephen Williams Samuel Addison Wilson Hongfei Yin Cameron Michael Young Lu Yu Andrew Michael Zasimovich Troy Joseph Zbieg Xiaohang Zhang Bowen Zhao Xiaoxiao Zhu Charles Joseph Zulanas IV

FOOD INDUSTRY MANAGEMENT

Oanh Joanna Meyer Wyatt Daniel Oren Joshua James Romero-Reyes

MANAGEMENT

Carrie R. Adams Joseph Mitchell Adcox Justin Alleman Deanna Lynn Bailey Audree Baker Jillian Amanda Bauman Berlin Hannah Baumler Stephen Dean Beaulieu Nicole Eryn Belko Brian Peter Bell Nate Benjamin Birtcher Kellie Nicole Bochart Sean David Bogusz Samuel Lane Bonner Daniela Patricia Brandlin Steven James Brooks Katianna Brown Joseph Jordan Capel Carlos Caraveo, Jr. Kelsey Marie Carmena Weiliang Chen Jesse Rene Clark Jessica Clonts Erin Mariah Conway Christopher Gerald Cook Leann Marie Corbisello Michelle Teresa Cozzi Ellyse Diann Crow Laura Taylor Davis **Ouinn Michael Dumas** Bennett Steven Dwosh Ryan Charles Dytrt Ryan David Ewers Pedro Alberto Fabian Courtney Lynn Farrington Elizabeth Flores Cameron Richard Ford Emily Anne Gale Lauren Alyssa Gluscic David Gregory Good Laurel Forte Gracey Evan Gryka Shelby Allisonmarie Hagan Michelle Dawn Haider Justin Ryan Hallman Brooke Mauresa Hanley Corey Revesz Hayden Jacob Hoefert

Erika Lee Hoffmans Conrad Glen Isley Hanran Jia Greg Anthony Johnson Christopher Wayne Kandas Alexandra Lauren Kastanis David Jangsoo Kim Jessica Nicole King Dikranouhi Krikorian Erik William Kuper Sierra Anne Landon Tanner Matthew Lareau Alissa Michael Ledum Gregory Austin Lessell Beatrixia Lim Jenna Lin John Steven Linamen Rachael Lee Lopez Justin Daniel Lorsch Monica Guadalupe Loza Erica Arvo MacKenzie Emily Anne McCaleb Bobby Joe McCormick Chervl S. Middleton Kelli Michelle Miller Chelsea Sue Moore Makayla Marie Moosman Joselinne Mora Tyler Johnathon Moser Jonathan Deal Mount III Brian William Nechamkin Jonathan Scott Nelson Alexa S. Nenaber Todd A. Nesbit Ryan Todd Ogorchock Wyatt Daniel Oren Abhinav Pandey Dianna Carolina Paredes Jessica Marchand Passerby Trennon Scott Payne Nicole Elizabeth Petriw Jonathan Joseph Plescher Parker Anne Poole Shaena Naomi Reed Nicolette F. Rivera Krystal Rodriguez Ashley Nicole Rosselli Daniela Ordonez Ruiz Enrique Ruiz-Esparza, Jr. Sandra Carolin Schutz Gina Marie Snyder Jacob Mario Spacone Rebecca Elizabeth Speck Nathan Edward James Sporbert Alex Bowen Sprayberry Kayla Catherine Springford

Christopher Jennings Stewart Megan Ruth Sweet Jake Eugene Marinus Toepel Toshiharu Andrew Tokuyama Troy Edward Tompkins Jacob Bach Gardella Wagner Jingjing Wang Matthew Daniel Watts Lindsay Marie Wear Jacob Mathew Williams Paul Gabriel Williamson Renai Xu Julian Luis Ybanez Jenna Amelia Ybarra Hayden Lewis Young Adam Philip Zalkin Kevin Anthony Zunino

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Akram Jamal Abdallah Patrick Michael Accurso John Paul Andrewski Devon Lea Arnold Christian Edward Askin Grace Catherine Auther Samantha Lee Banken Bradley Wayne Budnik Christopher Michael Budnik Daryl John Burton Dylan Matthew Cohen Tyler Nolan Ryan Crane Chase Carter Crookham Andrew Ray Dame Rebecca Leigh Dangler James Daniel DeGracie Sandra Marie Federico Max Daniel Gaynor Alexandria Southwick Gil Matthew George Haugen Alexandria Shea Jones Justin Andrew Koceja Crystal Marie Mears Zack Asher Michelson Darryl Ryan Monteilh Bruno Dos Santos Nascimento Garrett James Niederkorn Serena Nixon Daniel George Pacconi Lauryn Jade Paras Lea Lauren Parks **Richard Junior Penick** Stephen Norris Phelps Trenton Todd Polley Stephanie Elizabeth Rojas Garrett Adam Rupp

Earnest A. Salley Brandon Charles Sampayan Brooke Lauren Seifert Justin Scott Taylor Nicholas Ramsey Tsonis Matthew Alexander Walz Kyle Reed Weldon

MARKETING

Kaylyn Michele Aguilar Khalid Yaser M J Al-Mesalam Mohammad A M S Almusallam Elizabeth Marie Anderson Danielle Ashley Andrew Joshua Andrews Lizbeth Jeanneth Arteaga Christian Edward Askin Deanna Lynn Bailey Berlin Hannah Baumler Nicholas Alexander Bishop Rebecca Allison Booker Chloe Joan Bosmeny Jennifer Lauren Brandon Anthony Joseph Broglia Cassidy Elizabeth Bunger Kelly Jo Burleson Brianna Lee Burns Claire Marie Bushkill Michelle Leigh Cantor Stephanie Elizabeth Carty Ashley K. Caston Catherine Ngar-See Chan Bogdan Ciotinga John Ciurdar, Jr. Adam Michael Civiello Ryan Scott Conlan Jennifer Clare Cooper Rachel Anne Cooper Andrew Duncan Copeland Renee Susan Coulombe Melia Ann Coury Michelle Teresa Cozzi Zac Thomas Dalby Rachel Marie Daniel John Alan Della Bona Nicole James DeRienzo Nicole M. Baron Dietrich Kimberly Anne Ditmer Nancy Elizabeth Donahue Mackenzie Anne Drolshagen Bennett Steven Dwosh Joseph Anthony Falduto Jordan Nicole Feise Chris Giles Flamard, Jr.

Lauren Taylor Flanagan Ashleigh Foltz Sean Michael Ford Brooke Nicole Franklin Brittany Nicole Frew Morgan Catherine Froehle Gina Marie Galbo Martin Galvez, Jr. Max Daniel Gaynor Jeremy Laurentius Gerrese Alexandria Southwick Gil David Gregory Good Allison Marie Grabowski Kevin John Graham Alissa Christine Greene Vincent Brennan Guido Kelley Ann Gullo Tom Salvador Guzman Shelby Allisonmarie Hagan Caitlin Pauline Hallahan Justin Rvan Hallman Tala Mahdi Hammoud Cortney Erin Harraghy Martin Korth Hastings Austin Steven Herron Caitlin M. Hilton David Richard Holtz Emma Leone Hopson Tory Marilyn Houston Chih-Hao Hsieh Celisa Aubree Jackson Alison Rae Jeffords Alexandria Shea Jones Doe Jin Kim Evgeny Yuryevich Klimenchenko Rachel Lynn Koestner Abby Louise Koier Erik William Kuper Marko Kuzet Kayla Anne Kuzniar Stephen Andrew LaRose Sean Sy Lau Matthew James Lawler Alyssa Klaire Lee Melanie Christine Lehnhardt Macie Marie Long Audree Katherine Lopez Brock Parker Ludolph Ileana Marie Lupercio Alexandra Elouise Lutz Ryan Anthony Lynch Doris Julieann Lynk Jenna Cathleen Makis Travis John Martin Justin Andrew Mason

Mackenzie Leigh May Hadeel Jessica McCall Melissa Catherine Mccann Kaitlyn Elizabeth Mckinney Melinda Priscilla Marielle McLean Jessica Anne Medved Jesse Phillip Menashe Christopher Luis Mendezona Blake Ellington Mercer Kelli Michelle Miller Logan Timothy Miller Makayla Marie Moosman Jordan Daniel Morgan Alia Nur Mougharbel Saskia Jordan Moyer Katrina Anne Nedved Cole Andreas Nikodemus Nicholas Sebastian Nociforo Megan Elizabeth Owens Sarah Nicole Parsons Jessica Marchand Passerby Mishal Prakash Patel Kori Lvnn Pelosi Ashley Mett Peterson Parker Anne Poole Vittoria Anne Porter Taylor Namiko Rees Evelyn Rivera **Richelle Elise Robbins** Kevin Michael Rodriguez Brian Jospeh Salerno Maria Sanchez Thomas Richard Sandberg Mervin Wade Sarchet II Christina Susan Schmitzer Nicholas Scott Sfreddo Stephen Wen-Wei Shieh Kiel Matthew Siler Margaret Kyle Siple Elizabeth Jane Smith Erika Leigh Sollars Michael Nicholas Spirito Kayla Catherine Springford Michael S. Stein Katharine Leticia Sullivan Megan Ruth Sweet Megan Joan Taber Xiao Tan William Cameron Taylor Elsa Carolina Tengmo Sean Lohman Thompson Thomas Jacques Thornton Sharyn Paige Tom Nicholas Ramsey Tsonis Yonit Upart

Trenton James Vande Krol Colton William Louis Varner Luke Andrew Wargo Thomas Aryton Webb-Sandoval Samuel Christian Wegner Addy Sarah Wexelman Jack Douglas Wight Alexandra Cecilia Wikstrom Jennifer Nicole Wilkinson Anne Teresa Willert Cassie Marie Woods Haley Nicole Yeager Ryan Alexander Zalucky Chen Zhou Liujia Zhou Zachary Michael Zuniga

MARKETING (DIGITAL AND INTEGRATED MARKETING COMMUNICATIONS)

Cooper Britan Balestrino Shauna Marie Evans Toshiharu Andrew Tokuyama Lauren Elise Vigil Hayden Lewis Young

SUPPLY CHAIN MANAGEMENT

Jennifer Lynn Adam Karina Adum Benjamin Paul Albrecht Khalid Abdulaziz M Aljamed Brad Gregory Allemang Antonio Vincenzo Amato Tyler Cole Anderson Mitchell Garrett Andreas Xiomara Carla Arriola Robert Marcus Bailey III Ruth C. Berk Nicholas Alexander Bishop Alexandra Nicole Boden Jason Robert Joseph Braun Isaac Olson Brown Michael Francis Buckley Alexander Jay Budgett Brianna Lee Burns Alexander Neely Bush James Robert Campise Andrew George Caron Brenda Cedillo Christopher Salvador Chairez Catherine Ngar-See Chan Matthew William Charnell

Fan Chen Guanjin Chen Po-Hsiu Chen Weiliang Chen Robert Jay Chiang Preethika Chithapuram Janice Jieun Choe Adam Michael Civiello Victoria Lee Clausen Jason Michael Conway Nathan Andrew Conway Tyler William Cowell Yuanhong Dai Hunter A. Davis Blake Arthur Decrane Angela Deng Kyle Scott Denis Ryan DiCicco Blake Chandler Dipinto Nancy Elizabeth Donahue Kevin Andres Dowd Nathan James Duell Steven Joseph Eacker Trevor Barrington Elworthy Glenn Kyle Emanuelson Stephen Eyre Elisa Danielle Fankhauser Tignes Noel Fisher Kyle H. Freeman Jiaving Fu Kevin James Galati Yifan Gao Derek Gilbert Ethan Benjamin Gilbert Lauren Alyssa Gluscic Anais C. Gomez Frank Thomas Z. Gonzales Allison Marie Grabowski Jeffery Michael Grahovec, Jr. Amanda Marie Grant Jiahui Guan Arianna Rose Halev Sarah Louise Harris Abdulaziz Muhammad M Al Hasan James Anderson Mccelvey Hester Justin Walter Hinckfoot Holly Elizabeth Hixon Brandon Michael Hodgeman Favian Perez Horta Yang Hu Robert Hullner Taylor James Hunt Zhibo Jin Mohammad Rafiq Khalik

William Zachary Kostaras Brandon Robert Lacquement Jason Bernstein Lane Austin J. Langdon Addison Michael Lee Betty Audrey Lee Samuel Lynn Levine Samuel Thomas Lienemann Na-Hvun Lim Daniel Thevik Lovland Monica Guadalupe Loza Xiaohan Lu Clinton James Lucky Timothy John Luke Alexandra Elouise Lutz Justin Michael Magnus Jordan Anthony Makis Heather Lynne Maxcy Hadeel Jessica McCall Matthew Kevin Mclaughlin Melinda Priscilla Marielle McLean Jade Dustin Mcleod Michael James Mefford Bryan Andrew Mercado Homero Gutierrez Montes, Jr. Jake Edward Morgenstern Mario Iván Sánchez Muñoz Sebastian Alberto Navarro Nicholas Lee Nist Eric James Ottesen Chelsea Araxi Ovanessian Lea Lauren Parks Mishal Prakash Patel Sharath Patil Blake Andrew Perry David John Picone Jonathan Joseph Plescher Cody Gene Pugliese Anil N. Raj Jeffre Cole Recker Taylor Lauren Reigel Haimo Ren Marcus Lorel Roberts Pedro Israel Rodriguez Florence Rose Ruttledge Joshua Lawrence Sabol Khaled M. Salem II Thomas Camden Sanchez Renae Alejandrina Savala Benjamin Paul Sherman John Andrew Shriver IV Lorne Lynn Snyder Roman Sokolov Rebecca Elizabeth Speck

Kathryne Elizabeth Storto Christopher Morse Stuller Robert Jon Tagtmeyer Junyan Tan Taylor Aiko Marie Thorn Kasey Marie Trout Colton Michael Tuttle Connor Stephenson Udasco Colton Daniel Valadez Rachel Lee Vaney Tak-Ming Wan Marian Patricia Watson Nina Elizabeth Weis Julian Wessels Cody Forrest West Steven Ross Whitbeck Jennifer Nicole Wilkinson Anne Teresa Willert Travis James Wolfbauer Brian Matthew Wright Siyuan Xiao Mu Yao Jeein Yoon Stephanie Seoyoung Yoon Claire Elizabeth Young Boning Zhao Jialun Zhao Chao Zhu Shuo Zhu Xiaoxiao Zhu Kevin Anthony Zunino

W. P. CAREY SCHOOL OF BUSINESS GRADUATE CONVOCATION

May 14, 2015 7:00 p.m., Wells Fargo Arena ASU Tempe Campus

W. P. Carey School of Business Master's Degree Candidates listed on pages 81-87

> **PROCESSIONAL** Mesa Caledonian Pipe Band

GREETINGS Stacey Whitecotton, Senior Associate Dean Amy Hillman, Dean

SPEAKER

Chani Clark Class of 2015 W. P. Carey School of Business Master of Science in Management

INTRODUCTION OF GRADUATES

Marc Wellbrock Patrina Yang

CLOSE

Stacey Whitecotton, Sr. Associate Dean

ALMA MATER - ARIZONA STATE UNIVERSITY

SIGN LANGUAGE INTERPRETERS Closed Caption Productions

CONVOCATION FLOWERS

Today's congratulatory flowers are provided by Commencement Flowers. Flowers will be available for purchase before and after the Convocation.

PHOTOGRAPHS

A professional photographer will take photographs of all graduates as they receive personal congratulations from Dean Whitecotton.

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 13, 2015 at 5:00 p.m. on the Steps of Old Main (weather permitting).

The Naval Science Commissioning Ceremony will be held on Tuesday, May 12, 2015, at 4:00 pm in the Ventana Room at the Memorial Union.

The Air Force ROTC Commissioning Ceremony will be held on Wednesday, May 13, 2015 at 10:00 am at the Old Main (Carson Ballroom).

UNITED STATES ARMY

Edward Armijo Tanner Bailey Chelsea Bejines Hailong Bi Destinee Brittingham Lauren Brown Christopher Cancilla Daniel Choi Daniel Cota Hunter Cowley Deborah Cruz Chris Flamard Cristina Garcia Joseph Garcia Marlon Gastelum Travis Lane Timothy Luke Jaime Martinez Aaron Masengale Kobie Maverick Tom Picciano Alyssa Timms Mathew Torres Adam Travis Justin Voegtle Justin Wengraf Gabriel Zermeno Casillas

UNITED STATES NAVY

Derek Bell Kyle Brue Matthew Fischer Jemar Galura Jolyon Gidari Cameron Gunn Kevin Hill Taylor Kitasato Muadin Latifi John Lillyblad Sarah Offutt Maxx Ristow Marc Eneri Samonte Christopher Scott Nick Scovel Jon Smith Christopher Stuller Madison Turner Zachary Wellman Elena Whitton

UNITED STATES AIR FORCE

Jonathan D. Hall	Andrew C. Meyer	Lynne M. Scholz
Jarod M. Haupt	Christopher G. Ortiz	Tyler E. Sumrall

ASU WIND ORCHESTRA

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

FLUTES

Sarah Hartong Kate Mulligan-Ferry SAXOPHONE

Sam Detweller

OBOE Rachel Messing

BASSOON Tom Breadon

CLARINETS

Curtis Sebren Caitlin Poupard Kristi Hanno HORNS Alex Manners Juli Smith

TRUMPETS Josh Haake Garrett Klein Alex Wilson

TROMBONES Mike Giuliani Katheryn Jahnsen

BASS TROMBONE Nick Conti

EUPHONIUM Danielle Duran-VanTuinen

TUBA Brandon Ransom

PERCUSSION Neil Hathaway Alex Wier

SONORAN BRASS CHOIR

University Undergraduate Commencement Monday, May 11, 7:30 p.m., Sun Devil Stadium

TRUMPETS

Joshua Whitehouse Emery Harvison Ben Nguyen Jon Kaplan

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 2015 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 — Joseph P. Foy earned his Bachelor's degree in physics at the University of Alabama in Huntsville, where he conducted research at NASA's Marshall Space Flight Center. He earned his PhD in physics and astronomy at Arizona State University studying and modeling the dynamics of the Crab Nebula supernova remnant.

Among his current projects, Dr. Foy is co-author of the undergraduate physics textbook Introduction to Classical Electrodynamics, soon to be published by Yale University Press.

Dr. Foy joined the faculty at Barrett, the Honors College in the fall of 2008 after completing a visiting professorship at Hampden-Sydney College in Virginia.

College of Health Solutions — Juliet Weinhold, a Clinical Associate Professor in the College of Health Solutions' department of Speech & Hearing Science, has been an integral part of the department's undergraduate program since 2006. Dr. Weinhold works tirelessly to enrich students' academic experiences in the classroom and in the field, strives to connect undergraduates to the latest technologies in speech and hearing science, and serves as a mentor to multiple graduate students. Her passion for excellence in the classroom and research, coupled with her expansive knowledge and experience, make her an exemplar in the College and ideal to serve as Marshal for the 2015 spring Commencement ceremony.

College of Letters and Sciences — Dr. Heather Bateman is an Associate Professor of Wildlife Biology in the Applied Biological Sciences degree program of the College of Letters and Sciences. Dr. Bateman teaches courses in Applied Herpetology, Ornithology, and Ecological Adaptations of Vertebrates at the Polytechnic campus. Dr. Bateman is a field ecologist and conservation biologist interested in how human land-use affects vertebrate populations and habitats, especially in riparian ecosystems. This spring, Dr. Bateman's outstanding dedication to leadership and the professional development of ASU students was recognized with the 2015 Award for Professional Service by The Wildlife Society, the national professional organization for wildlife biology and conservation.

College of Liberal Arts and Sciences — Natalie D. Wilkens is an Assistant Professor in the T. Denny Sanford School of Social and Family Dynamics. She received her Ph.D. in Developmental Psychology from ASU in 2009. She researches children's social competence, as well as socio-emotional and school-related adjustment, in the US and internationally. She teaches undergraduate- and graduatelevel statistics courses. Dr. Wilkens received the 2014 College of Liberal Arts and Sciences *Zebulon Pearce Distinguished Teaching Award in Social Sciences*, which is the highest recognition of excellence of teaching in the College.

College of Nursing and Health Innovation — Therese Speer is a Clinical Associate Professor in the College of Nursing and Health Innovation and the Associate Director for the Pre-licensure Nursing Program. She teaches in the undergraduate program where her specialty is Pediatric Nursing. She is a board member of the Sigma Theta Tau International Nursing Honor Society, Beta Upsilon chapter. Therese serves as the Faculty Advisor to the nursing freshmen, both residential and commuter students. She assisted in the implementation of the Peer Mentor Program for freshman commuter students and her research interest is in freshman engagement and retention.

College of Public Service & Community Solutions — Wendy Hultsman is an associate professor in the School of Community Resources and Development, part of the College of Public Service and Community Solutions. Hultsman, who has served at ASU for 25 years, has been very involved in the development of the parks and recreation management curriculum and was instrumental in the creation of special event management education. Hultsman describes herself as someone who goes beyond the walls of the classroom—engaging students in the production of major special events for the cities of Glendale and Phoenix and demonstrating how events positively impact quality of life.

Herberger Institute for Design and the Arts — Oboist Martin Schuring held orchestral positions with the Hong Kong Philharmonic, The Florida Orchestra, and the Phoenix Symphony before joining the Arizona State University faculty in 1992 where he is Evelyn Smith Professor of Music. Martin studied at the Curtis Institute of Music with John de Lancie. His comprehensive book of oboe technique, *Oboe Art and Method*, was published by Oxford University Press in 2009. He co-hosted the 1998 and 2011 Conferences of the International Double Reed Society at Arizona State University.

Ira A. Fulton School of Engineering — Dr. Thomas Sugar joined ASU in 1999 as a faculty member in the Mechanical and Aerospace Engineering Department. In 2005, he transferred to the ASU Polytechnic campus developing an Engineering Program in The Polytechnic School, part of the Ira. A. Fulton Schools of Engineering. He teaches design and project courses in the areas of mechanical design and robotics. He has an active research program in the areas of wearable robotics and gait assistance. As part of his research effort, he has developed robotic orthoses and prostheses for stroke rehabilitation and enhanced mobility. His research projects include SPARKy, Spring Ankle with Regenerative Kinetics, and PAFO, a powered ankle foot orthosis for stroke rehabilitation. His current research focuses on building lightweight exoskeletons to enhance running. He has built an AirLegs robot that flexes and extends the hip and a jetpack to enhance running that has received much attention.

Mary Lou Fulton Teachers College — Dr. Josephine Marsh, is an Associate Professor of Literacy in the Mary Lou Fulton Teachers College. In addition to her role as associate professor of literacy education, Josephine is the professor in residence at ASU Preparatory Academy (ASU Prep). Since 2011, she has worked with ASU Prep administrators and teachers to integrate scholarship with teaching, creating academically rigorous and supportive teaching and learning environments for K-12 students from a wide range of backgrounds. She is at one or both of the ASU Prep campuses every day, providing "just-in-time" professional development, and using ethnographic and action research methods to build knowledge about instructional methods and the school transformation process.

New College of Interdisciplinary Arts and Sciences — Stephen Wirkus completed his Ph.D. at Cornell University in 1999 and came to Arizona State University in 2007 as a tenured Associate Professor. He has guided over 80 undergraduate students in research and has served as Chair for 4 M.S. students, and 2 Ph.D. students. He has over 30 publications and technical reports with over 40 students and has a popular 2nd edition textbook on Ordinary Differential Equations. He was named the 2011 NSF AGEP Mentor of the Year, was a Visiting MLK Professor at MIT in 2013-2014, and was named the 2013 Professor of the Year at ASU.

School of Sustainability — Dr. Carr Kelman studies policy dimensions of sustainability issues, such as how to manage the tradeoffs and foster synergies between biodiversity conservation and human development. She has studied Integrated Conservation and Development Projects in Indonesian national parks, the global trade in electronic waste, and the regulation of electric utilities in the US. Her current research involves analyzing how the solar energy industry is handling the electronic waste issue. Two major themes in Dr. Carr Kelman's research are the complex relationship between environment and development, and the role of governance, policy and institutions in creating more resilient socio-ecological systems.

Walter Cronkite School of Journalism and Mass Communication — Melanie Alvarez, is the executive producer of the Walter Cronkite School of Journalism and Mass Communication's student-produced live newscast, Cronkite News. Prior to joining the Cronkite School, Alvarez worked as a newscast producer at KKTV in Colorado Springs, Colo.; WTSP in Tampa/St. Petersburg, Fla.; and KPHO in Phoenix, where she also served as an executive producer for the morning newscast and special projects unit. She has been nominated for several regional Emmy Award and is the recipient of "Best Newscast" and "Best Producer" awards from the Arizona Associated Press. At the Cronkite School, Alvarez also has been the executive producer for "Cronkite: Legend & Legacy" a one-hour documentary tribute to commemorate Walter Cronkite and his enduring impact on the students, faculty, alumni and the future of the Cronkite School. Alvarez received her undergraduate degree from the University of Southern California's Annenberg School for Communication & Journalism and a Master of Liberal Studies degree from ASU. **W. P. Carey School of Business** — Robert D. St. Louis is a Professor of Information Systems at Arizona State University. He began teaching at ASU in 1969, but spent the period from 1976 through 1981 working full time as a researcher for state and federal agencies. Dr. St. Louis currently is teaching classes on information management, and conducting research in the areas of document search, evidence based decision making, and enterprise performance management systems. He has published articles in a variety of journals, including the Journal of the Association for Information Systems, the Academy of Management Journal, Decision Support Systems, Decision Sciences, and the Journal of Econometrics.

Emeritus College — Elmer Gooding is Interim Dean of the Emeritus College. He began his career at ASU in August 1967 as Assistant Professor of Economics. He earned his Ph.D. and M.A. in Economics from the University of Kansas and his B.S. from McPherson College. He retired from ASU as Emeritus Professor of Economics in 2004. At ASU he held numerous academic and administrative positions including the following: Associate Dean of the College of Business and Director of Graduate Programs, Assistant Provost, Acting Vice President for Academic Affairs, Loaned Executive to the Arizona Board of Regents, Vice Provost, Interim Provost and Vice President for Academic Affairs, Acting President (for two months in the spring of 1991). His teaching fields were international economics and macroeconomics. After retirement he served as president of the ASU Retirees Association and has served as associate dean and interim dean of the Emeritus College.

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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