# SOUTHERN METHODIST UNIVERSITY

# MAY COMMENCEMENT CONVOCATION

2 0 1 3



# SECOND CENTURY CELEBRATION

The Eighteenth of May Two Thousand and Thirteen at Nine O'Clock Historic Main Quadrangle

We celebrate the graduation of

thousands of SMU students as we mark

the centennial years of SMU's

founding from 1911-1915.

On this unique occasion, we salute our

visionaries, dreamers and creators

who stand ready to take the next steps into

the future and change the world.

And we honor the students, faculty, parents

and friends who shaped SMU's first

100 years and laid the foundation for an

extraordinary second century.



# Celebrating The Past



Southern Methodist University campus, circa 1924



Southern Methodist University campus, 2013

# ORDER OF EXERCISE

# PRELUDIAL CONCERT

THE GREAT FANFARE

PROCESSIONAL\*

ACADEMIC PROCESSIONAL

Paul W. Ludden Provost and Vice President for Academic Affairs, Presiding Candidates for Graduation The Union Fiftieth Reunion Class Representatives of the Faculties The Platform Party

> Stephen W. Rankin Chaplain and Minister to the University

John Stafford Smith and Francis Scott Key Imperial Brass Rachel Alexander, Julie Dieltz and Coretta Smith, *vocals* 

REMARKS

Chandler Schlegel The Union President, Class of 2013 Alexander E. Mace Students' Association President, Class of 2013

# SPECIAL RECOGNITIONS

Baccalaureate Preacher Fiftieth Reunion Class Faculty and *Emeritus* Faculty Board of Trustees Retiring Faculty\*\* David D. Blackwell, retiring as Professor *Emeritus* of Earth Sciences Margaret H. Dunham, retiring as Professor *Emerita* of Computer Science and Engineering

\*The groups making up today's procession will be introduced by John Gibson, senior writer and producer in SMU Public Affairs. The audience remains seated during the processional.

\*\*Full citations for all retiring faculty can be found at smu.edu/commencement.

Imperial Brass

Imperial Brass

INVOCATION

NATIONAL ANTHEM

# PRESIDENT'S STATEMENT

R. Gerald Turner President of the University

# INTRODUCTION OF THE SPEAKER

# President Turner

# COMMENCEMENT ADDRESS

Kay Bailey Hutchison Former United States Senator, Texas

# CONFERRING OF HONORARY DEGREES

Doctor of Engineering: Kay Bailey Hutchison
Presented by Marc P. Christensen, Dean of Bobby B. Lyle School of Engineering
Doctor of Science: James Robert Biard
Presented by Gary A. Evans, Professor of Electrical Engineering
Doctor of Humane Letters: Swanee Grace Hunt
Presented by Linda Eads, Associate Provost and Associate Professor of Law
Doctor of Humane Letters: Francis Oakley
Presented by Jeremy Du Quesnay Adams, Professor of History
Doctor of Humane Letters: Bryan A. Stevenson
Presented by Richard Halperin, Professor of the Practice of Human Rights

SPECIAL MUSIC SMU Forever

Jimmy Dunne Imperial Brass Kiel King, Paul Jerome Kroeger, Jea Wook Lee, Victoria Ringhausen, Laura Smolik and Rebecca Thompson, *vocals* 

# CONFERRING OF DEGREES IN COURSE

Refrain from applause until all candidates have been presented.

# CANDIDATES FOR DOCTORAL DEGREES

Hooded by William M. Tsutsui, Dean of Dedman College of Humanities and Sciences Marc P. Christensen, Dean of Bobby B. Lyle School of Engineering David J. Chard, Dean of Annette Caldwell Simmons School of Education and Human Development

CANDIDATES FOR PROFESSIONAL DEGREES

Presented by William B. Lawrence, Dean of Perkins School of Theology John B. Attanasio, Dean of Dedman School of Law

# CANDIDATES FOR MASTER'S DEGREES

Presented by William M. Tsutsui, Dean of Dedman College of Humanities and Sciences José Antonio Bowen, Dean of Meadows School of the Arts Albert W. Niemi, Jr., Dean of Edwin L. Cox School of Business Marc P. Christensen, Dean of Bobby B. Lyle School of Engineering David J. Chard, Dean of Annette Caldwell Simmons School of Education and Human Development Gary K. Brubaker, Director of The Guildhall at SMU

# Marc P. Christensen, Dean of Bobby B. Lyle School of Engineering

David J. Chard, Dean of Annette Caldwell Simmons School of Education and Human Development

Presented by William M. Tsutsui, Dean of Dedman College of Humanities and Sciences

## THE FAREWELL

Caren H. Prothro Chair of the SMU Board of Trustees

#### BENEDICTION

William B. Lawrence Dean of Perkins School of Theology

# UNIVERSITY HYMN Varsity

Imperial Brass

Imperial Brass

# RECESSIONAL\*

\*The audience remains seated during the recessional.

CANDIDATES FOR BACCALAUREATE DEGREES

José Antonio Bowen, Dean of Meadows School of the Arts Albert W. Niemi, Jr., Dean of Edwin L. Cox School of Business

## THE PLATFORM PARTY

Jeremy Du Quesnay Adams, Professor of History John B. Attanasio, Dean of Dedman School of Law Thomas E. Barry, Vice President for Executive Affairs James Robert Biard, Honorary Degree Recipient David D. Blackwell, Professor Emeritus of Earth Sciences Michael M. Boone '63, '67, Co-chair of the Fiftieth Reunion and Member of the SMU Board of Trustees José Antonio Bowen, Dean of Meadows School of the Arts Gary K. Brubaker, Director of The Guildhall at SMU Richie L. Butler '93, Member of the SMU Board of Trustees David J. Chard, Dean of Annette Caldwell Simmons School of Education and Human Development Brad E. Cheves, Vice President for Development and External Affairs Marc P. Christensen, Dean of Bobby B. Lyle School of Engineering Michael A. Condon, University Treasurer Jeanne Tower Cox '78, Member of the SMU Board of Trustees Katherine Raymond Crow '94, Member of the SMU Board of Trustees Antoine L.V. Dijkstra, Member of the SMU Board of Trustees Margaret H. Dunham, Professor Emerita of Computer Science and Engineering Linda Eads, Associate Provost and Associate Professor of Law Steven M. Edwards, President of the Faculty Senate and Director and Professor, Temerlin Advertising Institute Gary A. Evans, Professor of Electrical Engineering John A. Hall, University Registrar and Executive Director of Enrollment Services Richard Halperin, Professor of the Practice of Human Rights Frederick B. Hegi, Jr. '66, Member of the SMU Board of Trustees Ray L. Hunt '65, Member of the SMU Board of Trustees Swanee Grace Hunt, Honorary Degree Recipient Kay Bailey Hutchison, Former United States Senator, Texas and Honorary Degree Recipient William B. Lawrence, Dean of Perkins School of Theology Paul W. Ludden, Provost and Vice President for Academic Affairs Bobby B. Lyle '67, Member of the SMU Board of Trustees Alexander E. Mace '13, President of the Students' Association Gillian M. McCombs, Dean and Director of Central University Libraries Leslie Long Melson '77, Chair of the SMU Alumni Board David B. Miller '72, '73, Member of the SMU Board of Trustees Albert W. Niemi, Jr., Dean of Edwin L. Cox School of Business John D. Oakes '13, Student Trustee of the University Francis Oakley, Honorary Degree Recipient Connie Blass O'Neill '77, Member of the SMU Board of Trustees Jeanne L. Phillips, Member of the SMU Board of Trustees Caren H. Prothro, Chair of the SMU Board of Trustees James E. Quick, Associate Vice President for Research and Dean of Graduate Studies Stephen W. Rankin, Chaplain and Minister to the University Chandler Schlegel '13, The Union President, Class of 2013 Abigail Smith, President of the SMU Staff Association Bryan A. Stevenson, Honorary Degree Recipient William M. Tsutsui, Dean of Dedman College of Humanities and Sciences Thomas W. Tunks, Platform Marshal and Professor of Music R. Gerald Turner, President of the University Paul Ward, Vice President for Legal Affairs and Government Relations, General Counsel and Secretary Lori S. White, Vice President for Student Affairs

# RETIRING FACULTY

#### DAVID D. BLACKWELL

David D. Blackwell holds the William B. Hamilton Chair in Earth Sciences in Dedman College. He earned a B.S. in geology and mathematics at SMU, followed by M.S. and Ph.D. degrees in geophysics at Harvard University. A member of the SMU faculty since 1968, he served as chair of the Department of Earth Sciences from 1982–1986. Blackwell is best known for his studies of the thermal structure of the continental crust. He is co-discoverer of the relationship between surface heat flow and surface heat production from radioactivity, which is significant for understanding Earth's thermal history. His work on the thermal structure of sedimentary basins is important for understanding the origin of oil and gas and enhanced geothermal systems, a renewable source of future clean energy. A major proponent of commercialization of geothermal energy, Blackwell has served as president of the development of geothermal energy. His leadership in developing the U.S. Department of Energy's National Geothermal Database will facilitate the future development of geothermal energy. Blackwell is a Fellow of the Geological Society of America. He retires as Professor *Emeritus* of Earth Sciences.

# MARGARET H. DUNHAM

Margaret (Maggie) H. Dunham is Professor of Computer Science and Engineering in Lyle School of Engineering. She received B.A. and M.S. degrees in mathematics from Miami University in Ohio. After earning a Ph.D. in computer science from SMU, she joined SMU's engineering faculty in 1984. She served her department as associate chair and director of both undergraduate and graduate studies. In 1995 she was a Visiting Academic at the University of Queensland in Australia. She served as president of the SMU Faculty Senate from 1996–1997. Dunham's current research interests are in the areas of data mining and bioinformatics. She is the author of a popular text, *Data Mining Introductory and Advanced Topics*, which has been translated into Chinese and Greek. A Fulbright grant supported teaching based on her book at the Indian Institute of Information Technology in Allahabad. Dunham served as associate editor of the *IEEE Transaction on Knowledge and Data Engineering* and as editor of the *ACM SIGMOD Record*. She was general conference chair for the ACM SIGMOD/PODS conference held in Dallas. She has published more than 100 technical papers and served as a consultant for numerous companies. She retires as Professor *Emerita* of Computer Science and Engineering.

# CONFERRING OF HONORARY DEGREES

## JAMES ROBERT BIARD, Doctor of Science

James Robert Biard received the world's first patent for the light-emitting diode (LED), shared in 1961 with his colleague Gary Pittman while they worked together at Texas Instruments. Today LEDs are found in devices from digital clocks and remote controls to television screens and traffic lights. Biard earned B.S., M.S. and Ph.D. degrees in electrical engineering from Texas A&M University. In addition to the LED, he holds more than 75 U.S. and foreign patents for his inventions, including the metal oxide semiconductor read-only memory (MOSROM) and Schottky clamped logic circuits. Other devices developed by Biard include one of the first transistor DC differential amplifiers and transimpedance amplifiers for use in fiber optic receivers. Biard was chief scientist of the Honeywell MICRO SWITCH division from 1987 to 1998. He remains a consultant to Honeywell and is employed by Finisar. He also is an adjunct professor of electrical engineering at Texas A&M. He was elected to membership in the National Academy of Engineering and is a Life Fellow of IEEE. For his outstanding contributions in the field of optoelectronics, especially in the development of the LED, Southern Methodist University is honored to confer upon James Robert (Bob) Biard the degree of Doctor of Science, *honoris causa*.

# SWANEE GRACE HUNT, Doctor of Humane Letters

Swanee Grace Hunt's mission is to employ gender parity toward ending war and rebuilding societies and in alleviating poverty and other human suffering. She grew up in Texas and earned master's degrees in psychology and religion, followed by a Doctor of Theology degree from Iliff School of Theology. Her early career included serving as a minister of pastoral care and founding a residential program for the mentally ill. As ambassador to Austria from 1993–1997, during the Balkan War, she helped host programs aimed at stabilizing the neighboring Balkan states. Her first book, *This Was Not Our War: Bosnian Women Reclaiming the Peace*, received the 2005 PEN/New England Award for nonfiction. Ambassador Hunt is founder and president of the Institute for Inclusive Security, which trains women peace builders in 30 conflict regions around the globe. As the Eleanor Roosevelt Lecturer in Public Policy at Harvard University's Kennedy School of Government, she teaches courses on women-led peace-building initiatives. She is chair of Hunt Alternatives Fund, which has committed more than \$130 million to programs supporting social change from local to global levels. For her efforts toward world peace and gender parity, Southern Methodist University is honored to confer upon Ambassador Hunt the degree of Doctor of Human ELETER, *honoris causa*.

#### FRANCIS OAKLEY, Doctor of Humane Letters

Francis Oakley is the Edward Dorr Griffin Professor of the History of Ideas and president emeritus of Williams College. A native of England, he was educated at Oxford University, the Pontifical Institute of Medieval Studies in Toronto and Yale University, where he earned a Ph.D. in medieval history. He joined the Williams faculty in 1961, became dean of faculty in 1977 and served as president from 1985-1993, when he resumed teaching. As president, Oakley led the establishment of the tutorial form of instruction and oversaw the naming of the first women deans and doubling of both minority enrollment and endowment. A distinguished scholar, Oakley has written 13 books and received the Roland Bainton Book Prize and the 2012 Newberry Library Award. His past leadership includes serving as president of the New England Medieval Conference, the Fellows of the Medieval Academy of America and the American Council of Learned Societies. He is a fellow of the American Academy of Arts and Sciences and of the Medieval Academy of America. For his distinguished contributions to higher education as a scholar and administrator, Southern Methodist University is honored to confer upon Francis Oakley the degree of Doctor of Humane Letters, *honoris causa*.

#### BRYAN A. STEVENSON, Doctor of Humane Letters

Bryan A. Stevenson has received national acclaim for his work challenging bias against the poor and people of color in the criminal justice system. He earned two degrees from Harvard University – a master's in public policy from the Kennedy School of Government and a J.D. from Harvard School of Law. Stevenson has been representing capital defendants and death row prisoners in the South since the mid-1980s. He is the founder and executive director of the Equal Justice Initiative (EJI), a nonprofit organization based in Montgomery, Alabama, which provides legal representation to indigent defendants and prisoners who have been denied fair treatment in the legal system. Through EJI, he has developed community-based reform litigation aimed at improving criminal justice administration. Stevenson also is a professor of clinical law at New York University School of Law. He has received numerous honors, including the American Bar Association's Wisdom Award for public service, the ACLU's National Medal of Liberty, the Thurgood Marshall Medal of Justice and the NAACP's William Robert Ming Advocacy Award. For his efforts to achieve social equity through criminal justice reform, Southern Methodist University is honored to confer upon Bryan A. Stevenson the degree of Doctor of Humane Letters, *honoris causa*.

# COMMENCEMENT SPEAKER AND HONORARY DEGREE RECIPIENT

## KAY BAILEY HUTCHISON, Doctor Of Engineering

Kay Bailey Hutchison has had a long and distinguished career in public service. Throughout her career, she has been a strong supporter of higher education, especially in the areas of science and engineering. She earned bachelor's and law degrees from the University of Texas at Austin and served as a state legislator and state treasurer before being elected to the U.S. Senate in a special election in 1993. The first woman to represent Texas in the Senate, she was re-elected three times by large margins, but chose not to run for re-election in 2012. As chair of the Republican Policy Committee, she was the fourth-highest ranking Republican senator. During her years in the Senate, she expanded higher education opportunities for thousands of Texans. She also championed advancements in science, technology, engineering and math education. She was instrumental in establishing the Academy of Medicine, Engineering and Science of Texas, which brings together National Academy members and Nobel laureates to foster academic research in Texas. Senator Hutchison's efforts helped SMU obtain federal funds for research programs, including the Infinity Project, the nation's first math- and science-based high school engineering program. In Dedman School of Law, she established the Ray and Kay Bailey Hutchison Scholarship and the Hutchison Legal Resource Learning Center. For her distinguished career in public service and support of higher education, Southern Methodist University is honored to confer upon Senator Kay Bailey Hutchison the degree of Doctor of Engineering, honoris causa.

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Tony Pederson David Sedman Greg Sommers Elizabeth Stringer Fangyun Tom Tan Morgan K. Ward J. Matthew Wilson Paul Yoyanoff

# MAY COMMENCEMENT VOCALISTS

Rachel Alexander, Candidate for degree of Master of Music in Voice Performance Julie Dieltz, Candidate for degree of Master of Music in Voice Performance Kiel King, Candidate for degree of Bachelor of Music in Voice Performance Paul Jerome Kroeger, Candidate for degree of Bachelor of Music in Voice Performance Jea Wook Lee, Candidate for Certificate in Voice Performance Victoria Ringhausen, Candidate for degree of Bachelor of Music in Voice Performance Coretta Smith, Candidate for degree of Master of Music in Voice Performance Laura Smolik, Candidate for degree of Bachelor of Music in Voice Performance Rebecca Thompson, Candidate for degree of Bachelor of Music Education

# May 2013

# CANDIDATES FOR GRADUATE AND PROFESSIONAL DEGREES WITH HONORS

The students listed below have anticipated Latin Honors based upon estimated academic information. A souvenir version of the confirmed honors will be posted online at smu.edu/registrar in June.

**James David Allen** Justin Wayne Allen Shahyan Hasan Aly Shane Andrews Max S. Antony **Camille Antoinette Avant** Grant Baker Barnes Emily Lynn Benbrook Timothy Del Var Bergquist Fawaz Azam Bham Salman Bhojani Yvette Rochelle Blair Soniyyah Denice Blue Courtney Rae Boothe Laurel D. Brewer Sarah Beth Bridges Isaac J. Brown Jason Michael Brown **Jessica Lauren Brown** Ernest Ervin Bryson, Jr. Michael Patrick Buscher Jordan Christian Campbell John Daniel Carse Patrick Taylor Chaney Jane Wilson Cherry **Amy Jeanette Childers** Caitlin Renee Clark Melissa K. Collier Scott Forrester Courtney, Jr. Erin Wallace Crosby Elizabeth Elaine Culver Stephen Antony Curry Ellen Dadanina Peter Lawrence Dale Cole St. Clair Davis Anthony William Delaune **Carrie Annette DeLeon** Lorelee Parker Dodge Lamar Humphries Dowling Jeffrey Brooks Durham

Tarvn McKenzie Dusek William Eason Christopher David Eisenlohr Jane Lenz Elder **Emily A. Everett** Laura Marie Fenstad Phillip Wilson Field Andrea Lynn Fitzgerald Dale Owen Fresch Ann Elizabeth Fritsche Honey Vipul Gandhi **Rebecca Elizabeth Garrett** William Frederick Gepford Scott Jeffrey Goodfellow Parker Lee Graham Matthew Blair Green Morgan E. Grissum Amy Elizabeth Gros Olga Gurtovaya Christopher Ryan Harris **Brandon James Hauver Daniel Koos Hawkins** Laura Jo Haves Lauren Elizabeth Hayes Matthew Ryan Heape Eric James Hoffmann Tessa Susanne Hofheinz Heinen **Clayton McLain Horton** William James Hotze Kelsey Nicole Howard Allyn Elizabeth Hurley **Christopher Wayne James** Caroline Rose Jensen Susan Roxanne Jett **Kinsey Michelle Johns** Andrew J.M. Johnson Marion McIntyre Johnson Stephanie Simmons Johnson Benjamin Kent Jordan Sun Ah Kang

Amanda Elizabeth Kellev Brent David Kern Kelly Elise Klingseisen Jessica Marie Knapp Andrew Joseph Laird Jessica Leigh Lamberth Joseph Lucas Lechler Tyler Douglas Levy Adrienne Mossler Lewis **Brittany Elaine Litaker** Alexandra Ann Locasto Nicolas M. Lund Lindsey Reagan Lunn Tiffany Marie Lunney Kim Schumacher Mabry Lauren Elizabeth Maluso Christopher Layne Marchbanks, Jr. Lindsey Elizabeth Marsh Jennifer Lorraine Mathis Andrew Moore McDonald Katherine Elizabeth McGahey Jeffery Scott McWhorter James Longstreet Miers Carol E. Montgomery **Richard Preston Morgan** Austin John Frederick Muck James Patrick Murphy Seth Ian Muse Jason Kenneth Naumann Jason Jon Nelson Katherine Paige Nobles Ashley Oakes Lauren Elizabeth Olson Christopher Ryan Parsley David William Paulson Michelle Doria Peritore Chase Jordan Potter Abel Cervantes Ramirez, Jr. Damien Eduardo Reynolds **Jason Martin Rickoff** 

Cynthia Ann Riddick Matthew Christopher Rivers **Cole Myers Robinson** Debra Yaniko Rogers Patricia Bailey Ross Marie Nicole Rovira Sarah Jane Russell Matthew Kablan Saliba Brian Joseph Sawver **Christopher Alan Scifres** Warren Cardell Seav, Ir. **Charles Scott Shirley** Polly Beth Sims J. William Slagle Lauren Sommers Smyth **Stephen William Spies Jennifer Brooks Staton Conrad Clanton Steele** Neil Joseph Stockbridge Jordan Christine Strauss Tiffany A. Talamantez Vicki Diane Tall Daniiar M. Tashbekov **Deborah DeFrank Tipps Charles Randall Tucker** Adam Stroud Tunnell Maureen Chinwendu Ufomadu **Christine Summer Vanderburg** Jose Miguel Velez Whitney Lee Warren **Jarratt F. Watkins Billie Dean Watts Benjamin Lee Weible** Kimberly J. Westlund Justin Tyler Wheeler Molly Esther Whitman **Robert Wilkinson** Zena Wommack McNulty Jacob Bethel Woolston Allen Todd Zugelter

# May 2013

# CANDIDATES FOR BACCALAUREATE DEGREES WITH HONORS

The students listed below have anticipated honors based upon estimated academic information. These honors include Honors in Business, Honors in Liberal Arts, Departmental Distinction and Latin Honors. A souvenir version of the confirmed honors will be posted online at smu.edu/registrar in June.

Ahtoosa Nicole Amini **Elizabeth Dwen Andrews** John David Angle Sidney Michelle Anthony Luke Apisa David Allan Archer Brooke Allyson Awtry Christian Gabriel Ayala Ajay Ashwin Babaria William Andrew Badarak Juan Carlos Barajas Barrera Leah Michelle Barnett Samuel Davis Bartlett Alexandra Lynn Barton Lauren Abigail Benson Allison Beatrice Blake Hannah Lee Bliss Willow Anneleise Frances Blythe Helena Nancy Bologna Katherine Grace Boomer Brittani Jacqueline Boukather Allison Loree Bowker Margaret Caroline Brown John Hayden Bryant Emma Laura Byrd Margaret Elizabeth Byrd Melody Breeanna Caron **Rachel Cecilia Chard** Pingaew Chiangda Eunbi Choi Natalie Marie Clark Jeffrey James Colangelo Evan James Conley Claire Marie Coogan Crosby Caroline Cordell Katerina Anna Coroneos **Christie Cotgrove** Esther Rose Craven Emily A. Darien Michael Edmund Davis

Nicholas Scott DePinto **Jean Paul Destarac** Andrew Joseph DeTrempe Jennifer Jo DeVries Maxwell Christopher Diener Jennifer Alyse Doran **Tenley Grace Dorrill** Patrick Anthony Doucette Ashley Elaine Duncan Lindsay Elizabeth Elcock Caitlyn Eileen Emigh Alexandra Lillian Engel Michelle L. Engle Roza Gebeto Essaw **Paige Natalie Evans** Mary Fan Annamarie Elaine Fernandez Jacob Wesley Fleming **Benjamin Taylor Foran** Gina Alice Augusta Ford Alvssa R. Fox Sarah Elisabeth Frazee Kelsey Quin French Luke Edward Friedman Caitlin Campbell Gager Gabriela Maria Garza San Miguel Christian Robert Genco Sarah M. Gilligan Carmen Renee Golden Andrea Rae Graham John Freeman Grav Justin Michael Groenewold Cristina U.B. Grow **Carlos Daniel Gutierrez** Daniela Cristina Gutierrez Theodore Quincy J. Gwara Hillary Ann Halik Alysia Shannon Hall Kyle Reed Hanson Christine D. Harpool

**Tyler Benjamin Harris** Avery Farr Harrison Erin Lee Hedrick Hannah Christine Heighten Joseph Leo Hesse Jonathan Craig Hill Amanda Louise Hix Monika Thao-Ngan Hoang Amy L. Holt Erin Parker Hoya Beatrice Kai Qi Huang **Kimbrell Cary Hughes** Laura Caitlin Israel Paige M. Janke James Ryan Jillson Mallory Anne Johnson Jeffrey Lawrence Jones Katherine Elizabeth Jones Adam Joseph Jordan Sarah Karimi Andrew Marshall Katigan Alexandra Nicole Katsorelos Jacob Stanley Kay Shkelqim Kelmendi Han N. Kim Catherine Maria Kingry Connor Russell Kite Kelsey Renae Knobloch Paul Jerome Kroeger Igli Laci **Jonathan Mark Landon** Allison E. LaRoche Wesley Clarke Lavender Katie Lynn Legband Katrina Marie Leshan Madalyn Marie Liebum Andrew Shih-jay Lin Esther Kongtsu Liu Filip Lorinc Nabagala Jenevieve Lubwama Tara Lynn Luna Alexander Edward Mace Andrea Christine Maciejewski Vidhi S. Makanji Nadia Madeleine Mansour Victoria Grace Mason Kevin Robert Matejka **Corinne Kathryn Matthews** 

Kelcy Lea Mayell William Maxwell Mayo Austin Ryan McBride Ashley Elise McDonald Kimberly M. Mendoza Alexander Wade Mezey **Catherine Clarke Mickum Robert Mitchell Miller** Hannah Leigh Mitchell Michael Alexander Mitchell Jeffery Bryant Moffitt Hannah Summers Moore James Clay Moreton Alexander Scott Morgan **Taylor Madeline Morris** Jason Michael Murphy Fahmida Musharof Savannah Lyn Niles John Daniel Oakes Kyle Braden Oberkrom Ana Teresa Olivares Elizabeth Susan O'Neill Li Oun Ooi Miranda Kathleen Parham Pooja Raj Patel Ethan Pierson Patrick **Jennie Lee Pearson** Elizabeth Eileen Peterson **Daniel Alexander Pickett** Alexandra James Portaro Nicole Lisa Powell Melissa Kaitlin Powers Mavra L. Pratz Lauren Elizabeth Proctor **Richard Aaron Raizes** Bradley Robert Ray Jeremy Lester Rechtien Taylor Kirsten Reed **Rex Daniel Reese** Rebekah Kathryn Reistad Kristen Leigh Riach **Chase Ryan Richards** Weston James Richter Ashley Jordan Ridgdill Jessica Ashley Riley Hunter Blake Ringsmith Alexis Blake Rios Jane M. Rizzuto

Katie Sarah Roberts Hanna Elizabeth Robertson **Joshua William Robinett** Cassandra Jaclyn Robinson Chase Andrew Rodawig Sarah M. Rodriguez Eric Karl Dorotheo Sabandal Nikita Bharat Sangani Alexander Martin Saucedo **Timothy Vincent Scalzo** Hilary Grace Schleier Vanessa Alexis Schlüter Peter-Christoph Tarkington Schmidt Mackenzie Catherine Schott Paige Mccarthy Seeker Douglas Cousins Sellers, Jr. Breea Kiran Sharma Anna Charlotte Skrivanek Dylan O. Smith William Morgan Snyder Bianca A. Sosa Ashley Brenna Stainton Caroline Ann Stapleton Hillary Kathryn Stapp Morgan Margaret Staub Christopher Nickolas Stimpson **Rachel Noelle Stonecipher** Jack Matthew Swearingen Abigail Nash Taylor

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# May 2013

# CANDIDATES FOR DEGREES

# IN DEDMAN COLLEGE OF HUMANITIES AND SCIENCES

### DEGREE OF DOCTOR OF PHILOSOPHY

Amanda Stephanie Aland Anthropology BA University of Southern California MA Southern Methodist University Dissertation: "Imperial Adaption of Santa Rita B. Chao Valley: Local Perspectives on Chimú and Inka Imperial Strategies on the North Coast of Perú" Adviser: Ronald Alan Covey

Elizabeth Isabel Case Computational and Applied Mathematics BS University of Dallas Dissertation: "Numerical Integral Equations in Solidification and Melting Problems" Adviser: Johannes Tausch

Jing Cheng *Religious Studies* BA Peking University, China MDiv Yale University Dissertation: "God's Being and God's Act---A Dialogue with Karl Barth" Adviser: Bruce D. Marshall

### Barry A. Ensign George Religious Studies

BA University of Washington MDiv Princeton University Dissertation: "Denomination: Intermediary Ecclesial Structure Within the Unity of the Church" Adviser: William J. Abraham

#### Aileen J. Fisher Geophysics

BS University of Texas San Antonio Dissertation: "West Texas Array Experiment: Noise and Source Characterization of Short-Range Infrasound and Acoustic Signals, Along with Lab and Field Evaluation of Inter-Mountain Laboratories Infrasound Microphones" Adviser: Brian William Stump

Yalan Hu Statistical Science MA Northern Illinois University Dissertation: "Spike Detection and Accommodation for Functional Magnetic Resonance Imaging Data" Adviser: Richard Forrest Gunst

Kalanka Pradeep Jayalath Statistical Science BS University of Peradeniya, Sri Lanka MS Sam Houston State University Dissertation: "Spatial Point Process in Pre-Historic House Rocks Structures" Adviser: Richard Forrest Gunst Yuri Kimura Geology BS Waseda University, Japan Dissertation: "Evolutionary Patterns of Tooth Shape in Relation to Diet Inferred by Stable Carbon Isoptope of Tooth Enamel in Murine Rodents from the Miocene of Northern Pakistan" Adviser: Louis L. Jacobs

#### Mary Christian Moorman Religious Studies

BA Hillsdale College JD Boston University MA Yale University Dissertation: "Indulgences: A Revised Construal" Adviser: Bruce D. Marshall

#### Alyssa Marie Pampell Computational and Applied Mathematics

BA Southwestern University Dissertation: "Multiscale Dynamics and Stochastic Forcing of the Atlantic Meridional Overturning Circulation in Simple Models" Adviser: Alejandro B. Aceves

#### Junghyun Park Geophysics

BS Kyungpook National University, Korea Dissertation: "Infrasound Signal Processing from Regional Arrays and Seismic Characteristics of North Korean Nuclear Explosions" Adviser: Brian William Stump

#### Xiaomei Ren Economics

BA Wuhan University, China Dissertation: "Three Essays on Oil Shocks on Macroeconomic Activities and Financial Market" Adviser: Nathan Balke

## Aaron Sanchez History

BA Trinity University Dissertation: "From Pocholandia to Aztlán: Belonging, Homeland Politics, and Citizenship in U.S.-Mexican Thought, Texas 1910-1979" Adviser: John R. Chavez

# Jacob Andrew Turner Statistical Science

BS Texas A&M University MS Sam Houston State University Dissertation: "A Novel Approach to Modeling Immunology Data Derived from Flow Cytometry" Adviser: Monnie McGee

#### Mark Benjamin Wiebe Religious Studies

BA Abilene Christian University MDiv Abilene Christian University Dissertation: "The Harmony of Divine Providence, Grace, and Freedom" Adviser: William J. Abraham

#### Jingjing Ye Economics

BS Huazhong University of Science and Technology Dissertation: "Essays on Social Networks and Migration" Adviser: Daniel Millimet

#### DEGREE OF DOCTOR OF PHILOSOPHY

Ranya Al Awadhi Computer Science

BS Kuwait University MS Southern Methodist University Dissertation: "CSEEC: Crypto-System With Embedded Error Control" Adviser: Sukumaran Nair

#### Zouhair Jamil Yousef Alqudah Electrical Engineering

BSEE Yarmouk University MSEE University of Kalmar Dissertation: "Dirty Paper Coding and Interference Cancellation for Wireless Communication" Adviser: Dinesh Rajan

Kelly N. Faddis Systems Engineering
BS, BSC, MSEE West Virginia University
Dissertation: "Improving the Design of Tactical Biometric Systems through the Application of Systems Engineering"
Adviser: Jerrell T. Stracener

# IN ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

#### Degree of Doctor of Philosophy

#### Diane Baty Gifford Education

BA Southern Methodist University MEd University of Texas, Arlington Dissertation: "Indentifying Specific Comprehension Deficits in Children." Advisers: Jill Allor, Paul Yovanoff

#### Saralyn J. Miller Education

BBA Texas A&M University MEd Southern Methodist University Dissertation: "The Roles of Instructional Quality Within School Sectors: A Multilevel Analysis." Adviser: Ken Springer

#### Degree of Doctor of Ministry

#### Lorna Kay Bradley

Project: "Let the Little Children Come to Me, and Bring the Whole Family"

#### Debra Tyler Coleman

Project: "Guidelines for Designing, Field Testing and Evaluating a Ministerial Training Curriculum Based on the Christian Methodist Episcopal Church's Bishop's Course of Study"

#### **David Charles Dinneen**

Project: "The Use of Narrative Techniques to Explore Spiritual Growth"

#### Brandon Blake Dollarhite

Project: "Evangelism in the Digital Age: Using Social Media to Spread the Gospel"

## Degree of Master of Divinity

Scott D. Anderson **Grant Baker Barnes** Analisa T. Barrington Amelia Elizabeth Pieterse Beasley Soniyyah Denice Blue Amanda Juliet Bresciani Ernest Ervin Bryson, Jr. Patrick Taylor Chaney **Elizabeth Elaine Culver** Stephen Antony Curry Carrie Annette DeLeon Wesley Alan Duncan William Eason Emily A. Everett William Frederick Gepford Scott Jeffrey Goodfellow Marjorie Drennen Gross **Daniel Koos Hawkins** Clayton McLain Horton Marion McIntyre Johnson Lindsey Reagan Lunn

#### James Lawrence Duggins

Project: "The Impact of Clarity of Christian Vocation on the Holistic, Actualized Expression of Christian Life"

#### Ryan Allen Rush

Project: "The Ludican Mission: Using Intrinsic Gameplay Rewards with Coordinated Role-Playing Events to Heal Relationships between Christians and Ludicans"

Sanjay Singh Thakur

Project: "Ministering to the Persecuted Church in India with Open Doors"

#### Fabiola Jacqueline Vatel

Project: "Growing Through Marginality: Transnational Women and the Spirituality of Belonging"

Kim Schumacher Mabry Kevin Wayne McClain Carol E. Montgomery **Richard Preston Morgan** Cynthia Suzanne Moss **Jason Jon Nelson** Lawrence A. Okevo Megan Noel Otto **Cynthia Ann Riddick Charles Scott Shirley** Gregory C. Smith Daniel Vallette Thueson **Deborah DeFrank Tipps** Paul Andrew Trejo **Charles Randal Tucker** Maribel Vazquez Cassandra Lynn Wade **Billie Dean Watts** Kea Westbrook Allen Todd Zugelter

#### Degree of Master of Sacred Music

#### Rebecca Elizabeth Garrett

# Degree of Master of Theological Studies

James David Allen Thonisha Pearl Nichole Barnes Yvette Rochelle Blair Brenda Rojene Brooks Melissa K. Collier Valda Jean Combs Jane Lenz Elder Heather Theresa Gates Stephanie Simmons Johnson Sun Ah Kang Brent David Kern Cottrell King Jason Paul McKenney Debra Yaniko Rogers Marcus Wayne Shields Rachel Marie Tillay Jacquelyn M. Turner Jerryd F. Wallace Bobby Dale West

## DEGREE OF MASTER OF CHURCH MINISTRIES

Sarah Elizabeth Roberts Kimberly J. Westlund

# IN DEDMAN SCHOOL OF LAW

# Degree of Master of Laws Comparative & International Law

Ahmed Eisa Aboemarah Muhammad Afzal Naif Hamoud Albalawi Shujaa Rabeh Alharbi Turki Safar M. Alharbi Ebrahem Mohammad S Alhogel Tamim Ibrahim Aljasir Shaker Abdulelah Allam Moaath Moalla Almotairi Meshal Ghazai M. Almutairi Majed Salem Alnemari Saleh Mansoar Aloraini Thabet Muidh Alqahtani Thamer Abdulrahman I Alsalem Mohammed Hassan Alshehri Khalid Zayed Alsolmy **Jutharat Anuktanakul** Yasamiyan Abdulla A Bin Masoud Xin Chang Chang An Chen Weiyu Chen

Zigiang Chen Shang Cheng Chatchaya Chiemburasate Sasikarn Audrey Chivalak Yao Degbe Carolina Delgado Pitchaya Dharmpipit Ngan Thanh Dinh Nataly Vlada Elberg **Uanna Falcao Alves Trinzky Syulivany Ginting** Hector Andres Guillen-Gutierrez Yosra Ibrahim Yong-Taek Kim Ying Li Kuan Yow Lin Worawat Nattarit Gustavo Matias Papeschi Herdy Parlaungan Jing Shang Shatha Swileh

Panu Tatiyaworanan Phuong Minh Tran Thi Tu Anh Tran Krit Udomprasertkul Emma Uwaniyigena Fangyun Wang

Degree of Master of Laws Law

# David Baker

# TAXATION

Scott Anthony Ambrosino Brandon Barros Andrew Earl Botts S. Ryan Carlock Megan Hughes Pakkapon Jantararoj Tatyna Lirtsman

#### Degree of Juris Doctor

**Rustam Abedinzadeh** Maria Fernanda Aceves Sutton Lane Alford Justin Wayne Allen Shahyan Hasan Aly Shane Andrews Max S. Antony Madelvn Louise Arellano Lizbeth Karina Arevalo Janet Ashikai Ashitey Harriet O. Atsegbua **Camille Antoinette Avant** Fernando Avelar Bryan Adam Badeaux Jennifer Rebecca Becker Emily Lynn Benbrook Timothy Del Var Bergquist Rebekah Cuellar Bezerra Fawaz Azam Bham Salman Bhojani **Janelle Kerr Bieber** Seth Holland Bills Louis Bing **James Clark Bookhout** 

Wenying Wu Sun Xiaojie Xue'An Yan Pei Yu Chuting Zhang Xiaotang Zhang

Sarah Mathews Cheryl Ly Mullin Matthew Enright Murphy Miranda Mollie Rhyne Melinda Shelly-Ann Robinson Veronica Dionne Shade

Courtney Rae Boothe Grant Peter Boston Michael Andrew Boulos Gregory Alan Brassfield Laurel D. Brewer Sarah Beth Bridges Isaac J. Brown **Jason Michael Brown Jessica Lauren Brown** Kenitra Marie Brown D. Blake Buchanan **Christopher Michael Burleson** Michael Patrick Buscher Jennifer Lynn Cady **Jordan Christian Campbell** Miranda Nicole Carrillo John Daniel Carse Erin Elizabeth Chancellor Jane Wilson Cherry **Amy Jeanette Childers** Caitlin Renee Clark David Duncan Clore Brenda Suzette Codoner Natasha Priya Combs

Stacy Marie Comiskey Scott Forrester Courtney, Jr. Erin Wallace Crosby Hampton David Crow, Jr. **Debbie Cruz** Ellen Dadanina Peter Lawrence Dale Steven Falcon Darling Cole St. Clair Davis Joseph Benjamin Davisson Anthony William Delaune Lorelee Parker Dodge Adriana Dominguez Lamar Humphries Dowling **Thomas Francis Drazan** Brandon Michael Duck Jeffrey Brooks Durham Taryn McKenzie Dusek Lacey Elizabeth Eighorn Christopher David Eisenlohr Laura Marie Fenstad Phillip Wilson Field Andrea Lynn Fitzgerald Josh Allen Flippin Jesse Hamilton Forester **Benjamin James Fortner** Erin Ann Forward Dale Owen Fresch Ann Elizabeth Fritsche Robert Maxcy Gallman Honey Vipul Gandhi Ana Marilin Garza Cesar Garza Hilary Nina Gould Parker Lee Graham Matthew Blair Green Morgan E. Grissum Amy Elizabeth Gros Alexandra Guio Olga Gurtovaya Christopher Ryan Harris John Dunham Hasselberger Christopher Alan Haug Brandon James Hauver Laura Jo Hayes Lauren Elizabeth Haves David Matthew Haynie Matthew Ryan Heape

Abigail Stevens Hoak Eric James Hoffmann Tessa Susanne Hofheinz Heinen William James Hotze Kelsey Nicole Howard Henry Wyche Hunter Allyn Elizabeth Hurley Farheen Ibrahim **Christopher Wayne James** Caroline Rose Jensen Susan Roxanne Jett **Kinsey Michelle Johns** Andrew J.M. Johnson Benjamin Kent Jordan Amanda Elizabeth Kelley Lance Lawrence Kennedy Christopher Allen Klement Kelly Elise Klingseisen Jessica Marie Knapp Jonathan Yung-Sern Koh Matthew John Kolodoski Joshua David Kornely Roman Julian Kupchynsky III Andrew Joseph Laird Jessica Leigh Lamberth Jason David Lawrence Scott Dickerson Lawrence Joseph Lucas Lechler Tyler Douglas Levy Adrienne Mossler Lewis Max Franklin Lisle Brittany Elaine Litaker Alexandra Ann Locasto Rachel Knight Lopez Leslie Diane Lorenz Sixuan Lu Nicolas M. Lund **Tiffany Marie Lunney** Charles Michael Luongo Lauren Elizabeth Maluso Christopher Lavne Marchbanks, Jr. Lindsey Elizabeth Marsh Jennifer Lorraine Mathis Andrew Moore McDonald Katherine Elizabeth McGahey Colby McKenzie Jeffery Scott McWhorter James Longstreet Miers

**Jamie Rae Mitchell** Nathan Omid Moayyad Theodore Mong Anwar Sadat Montgomery Justin Avery Moore Austin John Frederick Muck **James Patrick Murphy** Seth Ian Muse **Jason Kenneth Naumann** Thuy-Van Thi Nguyen Chibundu Nnake Katherine Paige Nobles Ashley Oakes Lauren Elizabeth Olson \*Daniel Stephen Osterland Sarah Dianne Pahl David Mason Parham Christopher Ryan Parsley Sarah Grace Patterson David William Paulson Michelle Doria Peritore Chase Jordan Potter Amy Prescott Maxim Aron Rabinovich Abel Cervantes Ramirez, Jr. Halcvon Duarte Ramsey Ujaala T. Rashid Damien Eduardo Revnolds Jason Martin Rickoff Matthew Christopher Rivers Amber Leland Robinson Cole Myers Robinson Jason E. Rodda Celsa Judith Rodriguez-Story Patricia Bailey Ross Jennifer Lauren Rost Marie Nicole Rovira Sarah Jane Russell Matthew Kablan Saliba Kristin Lee Reeves Santamaria Brian Joseph Sawyer **Christopher Alan Scifres** Warren Cardell Seav, Jr. Kevin Daniel Shapiro **Dominique Sims** 

Polly Beth Sims I. William Slagle **Timothy Donald Smith** Lauren Sommers Smyth Rachany Thi Son Stephen William Spies **Timothy Shane Springer Jennifer Brooks Staton Conrad Clanton Steele** Leon Blake Steinfeld Neil Joseph Stockbridge **Jordan Christine Strauss** Tiffany A. Talamantez Vicki Diane Tall Daniiar M. Tashbekov Jaclyn Michelle Thompson Kathryn Tobolowsky Jessica Paige Toumani Adam Stroud Tunnell Shanin Turner Soluto Uba Maureen Chinwendu Ufomadu Christine Summer Vanderburg Jason Murray Vela Jose Miguel Velez Whitney Lee Warren Jarratt F. Watkins Robert Allan Watson Benjamin Lee Weible Maegan Elizabeth Westbrook Kate Stevens Weston Justin Tyler Wheeler Jackie Kay Wheelington Meagan Leigh Whitley Molly Esther Whitman Marshall Reed Wilkerson **Robert Wilkinson** Zachary Benjamin Williams Justin Barrett Wilson Zena Wommack McNulty Jacob Bethel Woolston Eunice Choi Yi Chelsey D. Youman Rivann Yu Adam Michael Zack

\* Degree awarded posthumously

#### DEGREE OF MASTER OF ARTS

Wesley E. Abel Applied Economics Naief Ali Aliarboe Economics Turki Awad Alshehri Economics Rebecca Boucher Anthropology Rachel Marie Burger Anthropology Sarah Elizabeth Davies Applied Economics Nixiaolei Dong Economics Ian Joshua Dorfman Anthropology Weijing Gao Economics Yue Gao Economics Thesis: "The Reform of State-Owned Enterprises in China" Justin Germain History Thesis: "Where Women Ruled Men: The Power and Plight of Women in Ancient Sparta" Harley Christopher Goldsmith English Jon Haghayeghi Applied Economics Astrid Ximena Jensen Applied Economics Shanshan Iin Economics Afshan Ahmad Kamrudin Anthropology Jiaan Lin Applied Economics Lindy Marie Loneman Psychology Thesis: "Can Simple Exposure to Life Event Descriptions Modify Autobiographical Beliefs About Them?" María José Magaña Alas Applied Economics Megan Kay Nixon English William Harvey Ruez Applied Economics Megan Elizabeth Schott English Melada Sripanuchat Economics Cydni Kate Vandiver History Thesis: "What's a Nice Girl Like You Want to Do That For?" World War II, Working Women, Homemakers, and a Spiritual Question in the Methodist Church" Bethany R. Williamson English

# DEGREE OF MASTER OF SCIENCE

Priyangi Kanchana Bulathsinhala Statistical Science
Chelsea Colvett Cope Computational and Applied Mathematics
Ryan Kenneth Dingwall Geophysics

Thesis: "Thermal Modeling of Step-Out Targets at the Soda Lake Geothermal Field, Churchill County, Nevada"

Yifan Huang Applied Statistics and Data Analytics
Karl James Juhnke Computational and Applied Mathematics
John Robert LaGrone Computational and Applied Mathematics
Sha Li Statistical Science
Aasha Kiran Marietta Computational and Applied Mathematics
Amy Elizabeth Nussbaum Statistical Science

Mingjie Shi Applied Statistics and Data Analytics Wenqi Wu Statistical Science Yixun Xing Statistical Science Xinzhu Yang Applied Statistics and Data Analytics Yandan Yang Statistical Science

# IN MEADOWS SCHOOL OF THE ARTS

# DEGREE OF MASTER OF ARTS

Adedoyin S. Adebiyi Advertising Emily Rose Anderson Art History Kristin Denise Barnes Arts Management Maura Catherine Bellmio Arts Management Ariel Virginia Crispin Arts Management Thomas Scott Eisman Arts Management Sarah Elizabeth Foltz Art History Molly Caroline Frost Arts Management Rachel Eileen Garrett Arts Management Amy Elizabeth Hutchings Arts Management Alexander Paul Jarzemsky Advertising Sonya Jones Arts Management Sarah Nicole Kayfus Arts Management Tara Ambalathumkal Khanna Film and Media Arts

#### Degree of Master of Fine Arts

Kendra Kaye Briscoe Art Patrick Christopher Clinton Film and Media Arts Jessica Celeste Colley-Mitchell Theatre Matthew Jonathan Cusick Art Marian Ichaso de Lefeld Art Michael Aaron Frels Art Nima Ghamari Film and Media Arts

#### Degree of Master of Music

Rachel Catharine Alexander Voice Performance Alicia Janeen Arruda Music Education Rachel Lynn Bundy Violin Performance Kevin Michael Butler Tuba Performance Sungok Cho Music Composition Nathan Daniel Courtright Music Composition Julie Ann Dieltz Voice Performance Youna Doh Violin Performance Nathaniel Miles Earhart Guitar Performance Andrew Michael Giordano Violin Performance Julia Lynn Kilgore Advertising Katherine Anne Kunze Arts Management Brittany Elizabeth Luberda Art History Kathryn Natasha Montoya Advertising Katelynn Patricia Mulcahy Advertising Jun Peter Nakamura Art History Katherine Elizabeth Ogden Advertising Lauren Carli Richman Art History Juliana Marie Rogers Arts Management Louise Deborah Schelhammer Advertising Katharine Hellen Vandergriff Arts Management Natalie Annette Ward Arts Management

Travis Joseph LaMothe Art Arienne Christine Lepretre Art Katherine Allison Nowacki Theatre Michelle Margaret Redmond Film and Media Arts Ethan James Steimel Theatre Daniel Thomas Willis Theatre

Brittany Rae Harrington Bassoon Performance Miranda Langer Henne Cello Performance Grace Michele Ho Piano Performance & Pedagogy Joshua Sachs Kurzweil Music Education Christopher Ryan Larson Percussion Performance Drew Mangus French Horn Performance Eldred Colonel Marshall IV Instrumental Conducting Anne Sullivan Mileski Music Education Jonathan Adrien Moore Instrumental

Conducting; French Horn Performance Chelsea Nicole Orr Trumpet Performance Lauren Amber Padilla Music Education Ross Alexander Patterson Music Education Hannah Kathleen Payne Piano Performance & Pedagogy

Brittany Peterson Violin Performance Steven Gerald Peterson Trombone Performance Carmen Belys Pizarro Music Education

#### DEGREE OF PERFORMER'S DIPLOMA

Jarrod Logan Beard Trumpet Performance Sercan Ege Danis Violin Performance Ekaterina Gumenyuk Piano Performance Inhyung Hwang Clarinet Performance Kyonghee Kim Voice Performance Warren David Kim Piano Performance Jiah Kyun Violin Performance Eunhye Lee Piano Performance Ted Blake Powell, Jr. Piano Performance William John Proft Choral Conducting Kirstin Maria Schularick French Horn Performance

Coretta Renee Smith Voice Performance Dylan Moore Smith Trumpet Performance Amanda Lauren Talley Oboe Performance Alvin Trotman Music Composition Laura Marie Wiedenfeld Music Education Emily Claire Zirlin Flute Performance

JeaWook Lee Voice Performance Juan Sebastian Moreno Diaz Piano Performance Hando Nahkur Piano Performance Aleksandra Pereverzeva Cello Performance Zachary Michael Reaves Cello Performance Jesus Alberto Saenz Levano Violin Performance Zheng Yuan Viola Performance

# IN EDWIN L. COX SCHOOL OF BUSINESS

#### DEGREE OF MASTER OF BUSINESS ADMINISTRATION

Eugene E. Abramczyk III General Business Samer Paul Abusalbi Strategy & Entrepreneurship Ravindra Madhav Adhikari-Desai General Business Oladipupo Olukole Adigun General Business Alia Firdos Alibhai Finance Alexandra Monica Almaguer Marketing; Strategy & Entrepreneurship Yoshihiro Ando Finance **Dustdevil Ansley** General Business William Fowler Armstrong Finance; Strategy & Entrepreneurship Brendren Spencer Austin Accounting Saurabh Bagaria Strategy & Entrepreneurship Kristin Denise Barnes Marketing James Benjamin Barshop Finance; Real Estate; Strategy & Entrepreneurship Christopher Douglas Baughman Marketing Maura Catherine Bellmio Marketing

Rebekah Cuellar Bezerra Management Santhosh Kuppar Bhaskar Strategy & Entrepreneurship Raghavendra Rao Bhimaraju Information and **Operations;** Finance Nicole Lynn Bittner Strategy & Entrepreneurship Robert Justin Borrmann Finance Richard Whitman Bowman Finance Keia J. Broden Marketing Ryan P. Zenarosa Calong General Business Savannah Jayne Campbell Finance K. Kit Carson Marketing; Strategy & Entrepreneurship Michael Lee Cartwright Finance Luis Mario Chaurand Cecena Finance; Strategy & Entrepreneurship Pil Ho Cho Finance; Strategy & Entrepreneurship Jeff Kun Choi General Business Nicholas John Christ Finance

Bum Joon Chun Finance; Accounting Joel Frederick Ciarochi General Business **Owen Cyril Coelho** General Business Richmond Cov Collinsworth Real Estate Phyllis L. Conway Finance; Business Analytics Leila Elizabeth Cornelius Finance: Accounting Reid Hamilton Cossey Management; **Business** Analytics Ariel Virginia Crispin Marketing Michael Robert Crowley Finance Luiz Augusto Da Silva General Business David Scott Daines Finance Iulia E. Dane General Business Robin G. Daniels General Business Gregory Allen Davis Finance Kurush Dehnugara Strategy & Entrepreneurship; Business Analytics Saryn Ashley Dietz Marketing Sathia Selan Diraviyam General Business Lamar Humphries Dowling Finance Mary Christine Dudley Management Geoffrev Taft Dunkle General Business Frederick Ross Dwulet Finance: Real Estate Todd Ward Earsley Strategy & Entrepreneurship John Alexander Hicks Strategy & Jeremy Ryan Eaves General Business Stuart Christopher Edgin General Business Conrad Carlen Edwards Finance: Real Estate Thomas Scott Eisman General Business Betty Wong Eldridge General Business Jacob Elliff General Business **Robert Cumming Schenck Embree** General Business Brett Michael Estep General Business Mark Linton Estes Marketing; Strategy & Entrepreneurship Tiffany Diane Etheridge General Business **Richard Jason Finn** General Business Maria Gabriela Flannery Finance; Accounting Luiz Eduardo Maia de Freitas Marketing; **Business** Analytics Casey M. Friedel Finance Miguel Friedrich General Business Molly Caroline Frost Finance James Neill Fuquay IV Finance; Accounting Andrew Robert Galloway Finance; Accounting Chandana Gangadhar Marketing Jaime Arturo Garcia General Business Rachel Eileen Garrett Marketing Lauren Diane Garza Finance

Kevin Christopher Glomb Finance Fabrice Gonfalone General Business Diego Rafael Gonzalez Diaz Barreiro Information and Operations; Finance Rene Gerardo Gonzalez General Business Elizabeth Mary Gordon-Hubbell Finance Mark Andrew Graham, Jr. Finance Sarah Elizabeth Gretzinger Management; Marketina Charles Woodford Grutzmacher Finance; Accounting Ashish Gupta General Business Robert Allen Gwinn, Jr. General Business Jong Lae Ha Strategy & Entrepreneurship; Accounting Andrew Helm Hall Finance; Accounting Jacob Baruch Hamlin Finance; Strategy & Entrepreneurship Rodney Ru'Shard Hampton Strategy び Entrepreneurship Stephen James Hansen Finance Gina Caldero Hart General Business Kevin Anthony Hayden General Business Entrepreneurship Brian Patrick Horan Finance; Accounting Krystal Anne Houle Accounting Amy Elizabeth Hutchings Marketing Satya Sudhir V. Ippagunta Finance; Strategy & Entrepreneurship Mahesh Maruti Jadhav Finance; Strategy & Entrepreneurship Adrian Wesley Johnson General Business David Benjamin Johnson Finance; Real Estate Hunter Burton Johnson Finance; Accounting Kimberly McCown Johnson General Business Michael James Johnston General Business **Bradley Howard Jones** Finance Sonya Jones Marketing Sarah Nicole Kayfus Marketing Tania LaBelle Kempf General Business Andrew Ray Kendall Finance; Strategy & Entrepreneurship Dennis I. Kim Finance; Accounting Santharam Kolli Information and Operations; Finance Venkatramana Kondala General Business Matthew Thomas Kull General Business Senthil Kumar General Business

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Katherine Anne Kunze Marketing Jianchang Lai General Business Clayton Matthew Laughter Finance Brandon Lyle Lawson Finance; Strategy & Entrepreneurship Doojin Lee Strategy & Entrepreneurship Donald Mason Lehman General Business Caroline Elizabeth Lemon Finance: Accounting Matthew Jason Levine General Business Steven Joseph Lightbody Finance; Strategy & Entrepreneurship Aaron Thomas Lloyd General Business Matthew Elliott Lloyd Management; Finance Rodney E. Luckett General Business Jian Luo Finance; Accounting Larry Eduardo Maduro, Jr. Management; Strategy & Entrepreneurship Luiz Eduardo Maia de Freitas Marketing; **Business** Analytics Sarah Magliolo Finance Karthick Mani General Business Gary Adam Mapes General Business; Strategy & Entrepreneurship Mark Phillip Marynick Finance; Accounting Ryan Patrick McCarthy General Business Ronald Earl McCauley Finance; Strategy & Entrepreneurship Michael James McCullough General Business Renee Lynne McDowell General Business Chesney Dawn McKenzie Finance; Strategy & Entrepreneurship Kristin Kav McNeff General Business Frederick A. McWilliam General Business Gaurang Mehra Marketing; Business Analytics Christopher Leigh Menegay General Business Jordan Thomas Mezoff Finance; Strategy & Entrepreneurship Mark Michael Michel Finance Sarah Elysia Michels Finance Alan D. Miller General Business Matthew Todd Miller Finance Hugo Santiago Miranda Strategy び Entrepreneurship Laura Mackinnon Molnar Marketing Stephanie Hirsch Montgomery Finance Kimberly Sumner Moore General Business Michael R. Morales General Business David Carter Murray Finance Gina G. Mussulman Management; Finance

Stephanie Michelle Necaise General Business

Markus Arnold Netzel Finance Sarah Nguyen General Business Daniel E. Nix General Business Chibundu Nnake General Business Babatunde Nureni Nureni-Yusuf Marketing; Strategy & Entrepreneurship Valentine Nwankwo Finance; Strategy び Entrepreneurship Priyanka Obrai Business Analytics Abhijit Panda Information and Operations; Marketing Jeremy Paul Parrish Finance Taylor Young Pearce Finance; Real Estate Ryan John Peterson Finance Adam Thomas Portacci Accounting Simrat Kaur Randhawa General Business Michael Stephen Rhodes Marketing; Strategy & Entrepreneurship Ion David Rickers General Business Gaspar Rivera Torres Burillo Strategy & Entrepreneurship Todd Michael Robison Management; Strategy & Entrepreneurship Juliana Marie Rogers Business Analytics Mark Allan Roglan General Business Douglas Evan Rosencrans General Business Jonathan Dane Rousay General Business Jordan Elliot Sanders Accounting Sami Omar Sawaf General Business Aaron William Schmitz Real Estate Bethany Marie Schornack Finance Ramya Seshadri Finance Andrew Christopher Shaddock Real Estate Parthiv Mukeshbhai Shah Finance Probir M. Shah General Business Vivek Sharma Marketing Shane Carl Shelton General Business Srilakshmi Naveena Shenoy Marketing; Finance Zach Scott Sherwood General Business Justin T. Shuart Finance; Real Estate Ana Dolenc Snyder General Business Anil K. Solleti General Business Yan Song Finance; Business Analytics Sreenivas Prasad Sreenath General Business James Michael Staley Finance; Accounting Matthew James Stamatoff Strategy び Entrepreneurship Kimberly Gail Sweetman Finance Kevin Talischi Finance; Accounting

Travis Kent Thornton Finance Sean Michael Tremblay Information and Operations; Strategy & Entrepreneurship Katharine Hellen Vandergriff Strategy び Entrepreneurship Jerad Ryan Velez Information and Operations; Strategy & Entrepreneurship **Conor Thomas Wagner** Finance Michelle Lee Walla Finance; Accounting Liang Wang Finance; Accounting David Carter Ward Strategy & Entrepreneurship Natalie Annette Ward General Business Daniel Theodor Weidlich Finance: Accounting Austin Thomas Westervelt-Lutz General Business Phillip Brownfield Whited General Business

Paul Jeffrey Wiley General Business Jimmy J. Wilson General Business Troy Lee Wilson, Jr. Finance; Strategy & Entrepreneurship David J. Wood, Jr. Information and Operations; Business Analytics Allison Layne Wylie Strategy & Entrepreneurship Lauren Shelby Yates General Business Joshua James Yeretsky Finance; Accounting Bradley William Yost General Business Jason Douglas Young Financial Consulting; Strategy & Entrepreneurship Roger Frank Young Finance Yuan Zhang General Business Yangin Zhou General Business

#### Degree of Master of Science in Accounting

Eric K. Adjei Noelle Marissa Alberto Troy M. Alexander Julie Nicole Amundson Jaclyn Welty Anderson Stephanie Fernanda Aranda Hannah Minet Ashenfelter Donald B. Avres IV Madina Astou Barry John D. Benage Marissa Laurel Berenson Phoebe Claire Berndt Faten Hannah Binti Mohd Zaman Adriane Michelle Bradway Yun Chen Kenneth Taylor Colbert Suzette Marie Collado Hayley Anne Cook Christopher Michael Corbeille Kazanna Camille Cornejo Lauren Coe Daniel Peter Leonard Diaz, Ir. Ying Ding Yingyu Ding Colin Thomas Duquette Jacqueline Rawson Dusek Christopher David Fagin Daniel Joseph Farabaugh Yangxi Fu **Ryan Oliver Gage** Christopher Martin Getz

Matthew John Glasgow Sarah Elizabeth Gravden Lana Katherine Greene Ran Guo Celine Jeannette Haikal **Brett Alan Haness** Luming Hang Katie Rebecca Heller Jennifer Lynn Herring **Elizabeth Faust Higgins** Arthur Franklin Hoge Kaelin Alexa Hollingsworth Fei Hua Stephen G. Jensen Andrew Winter Jopling **Rachel Johanna Kelting Claire Michelle Kinchen** Marlee Janice Klein Elisabeth Ashlev Knutzen Ana Melissa Kuhlmann Anna Perus Kurkiian Ekaterina Kuznetsova Han Jun Lee Shizheng Li Ke Liang Min Lin Alex Craig Milewski Sarah Nicole Minter Jennifer Cristina Moderow Nicolette Michele Null Andrew Elsworth Oesterling

Kyle A. Park **Iennifer L. Parker** Thomas Robbins Peck III Michael Joseph Peterson Meenakshi Rajesh Ramachandran Takiyah Janel Rashid Sheba Rachel Rasson **Jaqueline Marie Rivas** Alejandro Rodriguez Dari Rom Katherine A. Rose Erica Elizabeth Rossi Bryan William Rowes Anna Christina Russell Catherine Leigh Schamp Charles Victor Serafino II Hillary Michelle Seymour Vann Thomas Shank Michael S. Shapleigh **James Luton Shaub III** Megan Danielle Shaw **Cameron Michael Smith Owen T. Stewart Travis James Talaric Stephanie Diane Terrill** 

Michael W. Throckmorton Krista Starr Truesdell **Chase Richard Vargas** Molly Brynne Vaughan Nicole Marie Veale Margaret Bowers Walker **Claire Alyse Wenholz** Andrea Jeanne Wertz Kelsea Elizabeth West Mallorie Kate Wicker Jacqueline Kling Wilcher Nancy Lowry Williams William Franklin Woeste III Brian T. Wolf George Stephen Wright Feiyan Xiong Dongvan Xu Man Xu Yuzhi Yan Xue Yang Adrienne Churk-Yun Yim Hongqiao Yu Xiru Yuan Shuying Zhu

# DEGREE OF MASTER OF SCIENCE IN FINANCE

**Charles Stephen Anderson Thomas Gane Austin** Robert Maxwell Craddock William John Dugal IV Peter H. Field Andre Gonzalez Yixuan Hu Robert Barnard Kupchynsky Kathryn Megan Leite Timothy Cole Loftin Wenhuan Lu Ian Douglas McKeige Romina A. Meuti Perrone **Robert Austin Mills** James Clay Money Christopher Harris Nash Huilin Ni Yi Ren

Steven Douglas Robinson Raul Rodriguez, Jr. Yulu Song Jennifer Jamie Spivack Stig-Ole Tøgersen Whitney Jean Wallace Lei Wang Yuzheng Wang **Ziyun Wang** Hao Wu Yingxia Xu Qian Yang Huiyang Yao Yue Yin Xiazhou Yu Chi Zhang Tianyu Zhang Keyang Zhou

DEGREE OF MASTER OF SCIENCE IN MANAGEMENT Kyle Jordan Hughes Tiffany Melinda Strothers

#### DEGREE OF MASTER OF ARTS

#### Melissa Wackerle Sustainability and Development

## DEGREE OF MASTER OF SCIENCE

Edward Korankyi Adjei Software Engineering Sabrina Alam Software Engineering Talal Hamdan Alanazi Telecommunications Elmueiz Khalid Ali Telecommunications Raed Alkhaldi Systems Engineering Sumaiyah Alomair Computer Science Ebtsam Fayez Alshehri Operations Research Hamad Mohammed Alsuhaibany

Systems Engineering

Hatim Alsuweilem Systems Engineering Richard Henry Anson Systems Engineering **Emmanuel A. Ayala** Systems Engineering Erica Kristen Baxter Systems Engineering Dickson Dinesh Bedwawala Telecommunications Eric Stephane Befidi Systems Engineering Jorge Rodriguez Bernal Systems Engineering Harsh Madhukant Bhalala Security Engineering Daphne Lynne Biddle Systems Engineering Samantha Violet Bidwill Operations Research Chitra Reddy Bokka Computer Science Eric Boyer Security Engineering James Lee Brooks Security Engineering Rick Browne Systems Engineering Tuong N. Bui Systems Engineering Robert L. Burnett Systems Engineering Norma A. Cantu Systems Engineering Jonathan Paul Chabot Software Engineering Christopher Clark Systems Engineering Danielle Lynn Cook Systems Engineering Brandon Jamal Cooper Systems Engineering Nathan Scott Crowley Systems Engineering Christopher Thomas Dangelo Software Engineering

Kevin Joseph DeGarmo Systems EngineeringTelecommunicationsAmey Rajendra Deshpande TelecommunicationsAshley Elise McDonald Systems EngineeringRobert Brent Dietz Systems EngineeringEmily Kathleen McIntosh Systems EngineeringAlicia Elizabeth Domínguez Operations ResearchOperations ResearchLevi Don Duncan Systems EngineeringRohan Michael TelecommunicationsMichael John Fleming Operations ResearchMasoud Mojtahed TelecommunicationsJason Michael Fox Systems EngineeringCarlo Ner Molina Systems EngineeringAviral Garg TelecommunicationsPravin Bhagwandas Morchhale MorchhaleBalasubramanyam Gattu Security EngineeringTelecommunications

Ken Patrick George Telecommunications Ethan Georges Gill Computer Science Thesis: "Using Synthetic Iris Images to Convert Between Iris Templates" Phu P. Graham Systems Engineering Samson Habte Systems Engineering Albert Nicholas Hainsfurther Systems Engineering Greeshma Hanumantharayappa Yadav Security Engineering Clarissa Naomi Hernandez Systems Engineering Ross Everett Hill Operations Research Austin Bradley Hodges Computer Science Thesis: "An Entropy-Based Method for Classifying Iris Patterns" Harrison Bradley Jackson Software Engineering Jeremy R. Jacobs Systems Engineering Jamar Nicholas Johnson Systems Engineering LeKedrin Cornell Johnson Systems Engineering Pratik Prakash Joshi Telecommunications Vladimir Jovanovic Computer Science Jaymin K. Kavaiya Telecommunications Imran Khan Security Engineering Spencer William Kilpatrick Operations Research Vijay Varma Konda Computer Science Osama Kurdi Systems Engineering Alejandro Adan Lara Aguirre **Operations** Research Wesley Clarke Lavender Systems Engineering Susan Elizabeth Lewis Operations Research Noura Liben Systems Engineering Ryan Patrick Longshore Systems Engineering Miguel Angel Martinez Esparragoza Telecommunications Emily Kathleen McIntosh Systems Engineering; **Operations** Research Rohan Michael Telecommunications Masoud Mojtahed Telecommunications Carlo Ner Molina Systems Engineering Pravin Bhagwandas Morchhale Morchhale Telecommunications

Christopher Morrison Systems Engineering
Chetana Vilas Murudkar Telecommunications
Mayur Manohar Narvekar Telecommunications
Duy Duc Nguyen Systems Engineering
Mohammed Abubakur O. Nooh
Systems Engineering
Olakunle Timothy Ogunpehin Manufacturing
Systems Management
Vivek Kumar Mohan Kumar Pal
Telecommunications
Manasa Veena Pamidimukkala
Telecommunications
Sandeep Kalyan Reddy Pandraveti
Computer Science
Clay Kenneth Patterson Operations Research
Paulus Pouw Telecommunications
Vinod Reddy Puli Computer Science
Christopher B. Rainone Manufacturing Systems
Management
Kamala Ramanathan Software Engineering
Mildred Marie Ramos Systems Engineering
Maximilien H. Reele Operations Research
Glenn Belvin Rose Systems Engineering
Richa Rajiv Samel Telecommunications
Claudia Roxana Sandoval Systems Engineering
Chad M. Sanford Systems Engineering
Anthony Schraml Systems Engineering
Christina Clyde Schroeder Packaging
Electronic and Optical Devices

**Brian Sharrow** Systems Engineering Supriya Avinash Shende Telecommunications Aniket Ashok Shilwant Telecommunications Charleen Shirley Systems Engineering Justin Merrill Simmons Systems Engineering John Christian Smith Security Engineering Sara Sohaee Operations Research Christopher David Strong Packaging Electronic and Optical Devices Naga Hareesh Talluri Telecommunications Neil Cahinde Tan Packaging Electronic and **Optical** Devices Yves Monkam Tegaboue Telecommunications Parthiban Thanikachalam Operations Research David Howard Thomas, Jr. Security Engineering James Grayson Thurston II Systems Engineering Michael To Systems Engineering Rahul Gopal Veeramalla Computer Science Erica Michelle Velazquez Software Engineering Abhishek Venugopal Telecommunications Kenda Marie Ward Systems Engineering Marie-Antoinette Ware Operations Research Qi Wu Operations Research Xiaodian Xie Computer Science Thesis: "Agent Based Simulation of China's Urban Demographics: Impacts on the Real Estate Market" Matthew Zaber Security Engineering

# DEGREE OF MASTER OF SCIENCE IN CIVIL ENGINEERING

David Jonathon Bechtel Maria Belen Rada Mora Courtney Aldyth Webb

# DEGREE OF MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Salem Abdulaziz S. Alturky	Henan Jing
Kaenat Sarah Anwar	Azam A. Jiva
Beiming Cao	Bibek Karki
Si Chen	Santosh Kumar
Yen Wen Chen	Vincent Gregory LaPenna
Zhang Cheng	Thesis: "Automated Acquisition and Tracking
Brian Thomas Crouch	of Whispering Gallery Mode Resonances of
Thesis: "Application of Genetic Algorithms for	Dielectric Microspheres"
the Improvement of Off-Axis Iris Recognition"	Li Li
Richard Patrick Dale	Weizhi Li
Melanie Elizabeth Evans	Li Ma

Jessica Rosa Maxey
Thesis: "Analysis of Iris Feature Entropy to
Determine Regions of Stability for Improved
Match Accuracy"
Nicole Danielle Navinsky
Thesis: "Emerging Biometrics and CSI
Technology and their Applications in STEM"

Jessica Cristian Neel Xiaoke Wen Siyu Yang Joseph Yehle Yan Zhong

Degree of Master of Science in Engineering Management

Talal Hamdan Alanazi Adnan Awad Altarteer Jorge Adan Alvarez Russell Dean Blake Derrick L. Carlisle Jubert John Chavez Matthew George Evans Daniel Joseph Filer Jose Luis Gallegos Arratia Qianli He Adam Hsieh Michael Anthony Morse Hanh Hieu Nguyen Bryan Nuckols Bernard Michael Parks Maria Roxana Teramoto Tsutsumi

#### Degree of Master of Science in Environmental Engineering

Shay Kuuttila	Troy Penshorn
Timothy Matthew O'Brien	Saskia Aurora Routs

Degree of Master of Science in Environmental Science

Christopher Matthew Corey

Degree of Master of Science in Information Engineering and Management

Aseel Ahmed O Alomair Hamad Mohammed Alsuhaibany Murray Scott Cappel Neil Ashokchandra Desai Omar Garcia Gonzalez Daljit S. Mavi Benjamin Stuart Niere Jim Omorowa Bruk Assegid Tilahun

#### DEGREE OF MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Luai Mohammed A. Altoqok Stephen Tyler Armstrong Michael Alexander Byrge Hayden Andrew Craig Braden Wesley Reiner Matt Eric Saari Ernest W. Sutton Annie H. Vahedipour Tabrizi Thesis: "Experimental Investigation of a Fluidic Oscillator for Application to Pulsed-Jet Propulsion"

# IN ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

#### DEGREE OF MASTER OF ARTS IN DISPUTE RESOLUTION

Brian Scott Anderson Joy LaShea Brown Elizabeth Campbell-Norton Theresa Marie Canavera-Schad Kathleen Driscoll Cook Michelle M. Creech Margaret Love DeVinney Kayla Diane Dillon Gloria E. Elaiho Evan A. Green Katherine Anne Hickey Robert D. Howe Janae Evett Lee Amanda Mae Lipscomb Geoffrey G. Madu, Jr.

Courtney P. Mahoney Christopher Allen Meyers Jordan Overcash Deborah A. Polk Aleksander J. Prebensen Jarrod Robert Ray Adnan S. Razvi Suzanne W. Rose Maheshika P. Ruwanpathirana Jason Taylor Stokes Marilyn Thomas Dana Felicity Vaden Shae Elizabeth White Morgan Briana Williams

#### DEGREE OF MASTER OF BILINGUAL EDUCATION

Edna Anafi Garza Clelia Celinda Peña Cesar Javier Reyes

#### DEGREE OF MASTER OF EDUCATION

Shelley Loreain Allen Andrea Alicia Anderson-Parks Marco Antonio Barker Nina Bhatia Kelsey Danielle Blackwell Martha Daniela Bujanda Sarah Michelle Carriger Marnita Christine Coenraad **Benjamin Ross Dickerson Julie Schutte Furnival** Natalie Marie Gleaves Sarah Dupre Helffrich **Brian Gordon Hills** Katina Marie Jones **Kiashan Sherelle King** Lindyn Rene Kish Patrick Hanping Lan

Jennifer A. Lee Adriana Lopez Sharon Skaggs Maclin Monica Dawn Morris Hailey Claire Mueller Sarah Molly Myers Kristina Lucy Anna Nitahara Alison Rodman Derrick D. Ross Anne N. Ruff Zubair Ali Saiyed Mary L. Shelton Ava Laurie Sherman **Rhodie Mae Sutton** Lourdes Josefina Tamez Nicole Mingyoung Tishlias

#### Degree of Master of Liberal Studies

Ronald A. Babineaux II Global Studies Amanda Nicole Barbour Humanities Gina E. Bratcher Michelle Vernice Butler Michael Joseph Cavanaugh Samantha Louise Cavanaugh Michael Cariste Clear SaMecha WyNea Echols Humanities David A. Edwards Self-Designed Edward Emmanuel Gray American Studies Nicole J. Head Human Rights and Social Justice Derra Lynn Larsen Creative Writing Michael Edward Luckey Global Studies Elyse Marie Malanowski Global Studies Jacy Lynn Mann The Arts and Cultural Traditions

Ty Judson McDonald Global Studies Donta Devon McGilvery Gerald Merritt IV Self-Designed Jeanne Reinelt Global Studies Patricia Schaub Taryn Ashley Stinson Human Rights and Social Justice Billie Katherine Stovall Les Swanson Sarah Anne Terrace Human Rights and Social Justice; American Studies Dena Charmane Timm Kalaiah Annette Vaughn American Studies Sharon Ann Wootton Humanities

#### Degree of Master of Science in Counseling

Jacob Lawrence Houghton Laura Christine Miller Allison Renee Okon Megan Frances Rutherford

## IN THE GUILDHALL AT SMU, LINDA AND MITCH HART eCENTER

#### CERTIFICATE IN DIGITAL GAME DEVELOPMENT

Blake Edward Alexander Specialization in	Reuben James Friesen Specialization in
Level Design	Software Development
Melita Anderson Specialization in Art Creation	Rebecca Gray Specialization in Art Creation
Craig Robert Brown Specialization in	Jennifer Homonko Specialization in
Level Design	Art Creation
Alfonso Callejas Specialization in Art Creation	Tyler David Howard Specialization in
Dominic Camargo Specialization inSoftware	Software Development
Development	Pitchaya Kunarochrakse Specialization in
Dallas Chavis Specialization in Level Design	Software Development
Charles Erik Colvin Specialization in	Elizabeth Victoria Labelle Specialization in
Software Development	Software Development
Alexander Crapsey Specialization in	Lisha D. Leston Specialization in Art Creation
Level Design	Julia Lichtblau Specialization in Art Creation
Morgan Palmer Davis Specialization in	Andrew M. Martz Specialization in Software
Level Design	Development
Alejandro Daza Fernandez Specialization in	Corey McKemy Specialization in Level Design
Software Development	Justin McLaine Specialization in Software
Michael DiRenzo Specialization in Level Design	Development
Alexander Edelsward Specialization in	Ashleigh M. Mills Specialization in
Art Creation	Art Creation
Sara Fillman Specialization in Art Creation	Nicholas S. Moy Specialization in Art Creation

Ravish Vijay Nair Specialization in Level Design	Jessica Louise Watkins Specialization in
Jonathan Martin Ortiz Specialization in	Level Design
Software Development	Alex A. Welsh Specialization in Software
Christopher Parthemos Specialization in	Development
Level Design	Matthew Wingler Specialization in Level Design
Gabriel Robbins Specialization in Level Design	Yu-Hsiao Wu Specialization in Level Design
Jasper Rubino Specialization in Art Creation	Junsheng Yao Specialization in Software
Mary Rugg Specialization in Art Creation	Development
Lloyd V. Sherman Specialization in Level Design	Jason Cong Zhao Specialization in Art Creation
Jordon D. Trebas Specialization in Level Design	

## MASTER OF INTERACTIVE TECHNOLOGY

Blake Edward Alexander Digital Game Development - Level Design Thesis: "Compulsion and Flow: Applications for the ARPG Endgame"
Craig Robert Brown Digital Game Development - Level Design
Thesis: "Designing Boss Encounters: A Guide to Getting the Most Out of Your Boss"
Alfonso Callejas Digital Game Development - Art Creation
Thesis: "Natural Terrain and Player Perception"
Nicholas Chinnici Digital Game Development – Software Development
Thesis: "Large Scale Real World Terrain Navigation Mesh Generation and Traversal"
Charles Erik Colvin Digital Game Development - Software Development
Thesis: "Improved Character Animation Over Uneven Terrain"
Alexander Crapsey Digital Game Development - Level Design
Thesis: "Examination of Player Enjoyment and Learning With Explicit Versus Implicit Tutorials"
Morgan Palmer Davis Digital Game Development - Level Design
Thesis: "A Study of Time Perception in Video Games Through the Use of Timed Puzzles"
Alejandro Daza Fernandez Digital Game Development - Software Development
Thesis: "Real-Time Terrain Deformation By Explosive Forces and Crater Texture Generation"
Michael DiRenzo Digital Game Development - Level Design
Thesis: "The Effectiveness of Key Object Visibility on Player Success and Deliberation in a Puzzle
Scenario"
Alexander Edelsward Digital Game Development - Art Creation
Thesis: "Level of Detail Construction and Best Practices for UDK"
John Egenbacher Digital Game Development - Production
Thesis: "Flash Hack: A Pre-production Game Software Development Model"
Ryan Ellis Digital Game Development - Software Development
Thesis: "Mobile Augmented Reality with Fudicial Marker Recognition"
Sara Fillman Digital Game Development - Art Creation
Thesis: Development of Low Budget, High Quality Quadruped Models"
Reuben James Friesen Digital Game Development - Software Development
Thesis: "Adaptation of Physics Engines to Simulate in Non-Euclidean Spaces"
John Goyette Digitial Game Development – Level Design
Thesis: "Empathy in Games"
Rebecca Gray Digital Game Development - Art Creation
Thesis: "Player Observational Behavior Toward Detailed Animations"
Jennifer Homonko Digital Game Development - Art Creation
Thesis: "Using Procedural Animation to Facilitate the Animation of Serpentine Locomotion"
Tyler David Howard Digital Game Development - Software Development
Thesis: "Real-Time Image Correction for Colorblind Users"

Elizabeth Victoria Labelle Digital Game Development - Software Development Thesis: "Designer-Guided Dynamic Difficulty Systems: An RPG Case Study" Lisha D. Leston Digital Game Development - Art Creation Thesis: "Extending the Life of Unique Meshes: Texture Swapping" Iulia Lichtblau Digital Game Development - Art Creation Thesis: "Eliciting Empathy Through Video Game Creative Design" Ruoyao Ma Digital Game Development - Software Development Thesis: "Building a Z D Tile-Based Role-Plaving Game" Andrew M. Martz Digital Game Development - Software Development Thesis: "A Study of Modern Game Engine Architecture" Corev McKemy Digital Game Development - Level Design Thesis: "Interaction in Cooperative Multiplayer Games" Justin McLaine Digital Game Development - Software Development Thesis: "The Capabilities of the Dreamoc XL" Ashleigh M. Mills Digital Game Development - Art Creation Thesis: "Artistic Style in Video Games" Nicholas S. Moy Digital Game Development - Art Creation Thesis: "Comparisons Between Traditional 3D Modeling Tools and Their Sculpting Counterparts" Ravish Vijay Nair Digital Game Development - Level Design Thesis: "Do Level Design Elements Entice Players to Deviate Off the Critical Path in Shooters?" Stephen O. Northcut Digital Game Development - Production Thesis: "Staffing Successful Teams in Video Game Development: How Personalities Interact" Jonathan Martin Ortiz Digital Game Development - Software Development Thesis: "Doodling: Generic Approach to 2D Level Editing" Christopher Parthemos Digital Game Development - Level Design Thesis: "The Efficacy of Procedural Materials for Level Designers and Environment Artists" Jason Paytes Digital Game Development - Production Thesis: "Why People Choose to Leave the Games Industry and What Can Companies Do To Retain Talent" Gabriel Robbins Digital Game Development - Level Design Thesis: "The Utilization of Sound for Learned Behavior in Design" Jasper Rubino Digital Game Development - Art Creation Thesis: "Surface Distinction Test" Mary Rugg Digital Game Development - Art Creation Thesis: "Creating an Open World" Lloyd V. Sherman Digital Game Development - Level Design Thesis: "Dynamically Generating Gameplay Based on Player Performance and the Effect on Replayability" Jordon D. Trebas Digital Game Development - Level Design Thesis: "The Mini and the Meta: A Cost-Benefit Analysis of Supplementary Gameplay Features" Alex A. Welsh Digital Game Development - Software Development Thesis: "Real-Time Global and Indirect Illumination With Reflective Shadow Maps" Matthew Wingler Digital Game Development - Level Design Thesis: "Applying an Iterative Game Design Process to a Small Development Team" Yu-Hsiao Wu Digital Game Development - Level Design Thesis: "Implement Dynamic Difficulty Adjustment in First Person Shooter Video Games" Junsheng Yao Digital Game Development - Software Development Thesis: "Character Motion Simulation in 3D Games Using Rigid Body Simulation" Jason Cong Zhao Digital Game Development - Art Creation Thesis: "Effects of Character Detail on Visual Perception"

## May 2013

## CANDIDATES FOR DEGREES

### IN DEDMAN COLLEGE OF HUMANITIES AND SCIENCES

#### DEGREE OF BACHELOR OF ARTS

Jennifer Elise Abdalla Biological Sciences Aden K. Abiye Economics; Markets and Culture Matthew Brendan Alexander English; Political Science Sameen Ali History; Political Science Christina Rae Almeida International Studies John David Angle History Luke Apisa Economics; German Ryan Conrad Aschenbach Psychology Purity W. Ateku Sociology Brooke Allyson Awtry English Scarlett O'Hara Baird Psychology Katheryn Marie Batista Spanish Adriana Marie Bechini Philosophy; Psychology Theodore John Belden English Sarah Eade Bengard English with a Creative Writing Specialization Lauren Abigail Benson Biological Sciences; Psychology Gregory Michael Berchtold International Studies Miguel Berlanga Espada Economics Caitlin Marie Berry Anthropology Caroline Marie Betancourt Psychology Katherine Frances Biadasz English Bruce Walton Blackwood History Stuart Wentworth Blaylock Political Science Matthew David Bleakley Geology Hannah Lee Bliss Political Science Brittany Megan Bogard Psychology Anna Christine Bond Psychology Olivia Don Book Spanish Brittani Jacqueline Boukather Spanish Anne Brandon Brown Markets and Culture Michael Ryan Brown English with a Creative Writing Specialization Nicollette Heart Bruce Political Science Andrew Edward Brydon Environmental Studies Rachel Lindsey Buchanan Philosophy; Psychology Laura Colleen Buck Human Rights Margaret Mckenzie Byers Psychology

Emma Laura Byrd French Carly Marie Campbell Markets and Culture Christopher Adryan Cantu Philosophy Elizabeth Hales Carpenter Political Science Hannah L. Carroll Psychology William Robert Casey Psychology Chit Ling Chan Economics Cecilia Rachel Chard English with a Creative Writing Specialization Jose Carlos Chavez Biological Sciences Natalie Marie Clark Religious Studies Keisha M. Cole Sociology Lanissa Suzette Cole Psychology Andrew John Colias History Kiara M. Collazo Spanish Bryan O'Neal Collins Psychology Rachel Elizabeth Conover Philosophy Breanna Randie Contreras Markets and Culture Crosby Caroline Cordell French Catrina Cosculluela Markets and Culture Esther Rose Craven Psychology Cameron Henry Crockford Political Science Daniel Sterling Redford Cross Economics Emily A. Darien International Studies; Political Science Jesse M. DeWare V English Joshua Louis Deaktor Political Science; Psychology Alexander P. Depp Philosophy Jean Paul Destarac Markets and Culture Mary E. Dill Psychology Jennifer Alyse Doran Spanish Tenley Grace Dorrill Religious Studies Patrick Anthony Doucette History Alexa Michelle Dow Psychology Ashley Elaine Duncan Spanish Gianna Marie Duran History Kaitlyn Joy Eidson History Ahmed Aly El-Hag Biological Sciences Lindsay Elizabeth Elcock International Studies Stephanie Michaline Elko Chemistry Francisco Javier Elosua Torres Economics Michelle L. Engle Spanish Alexxis Diamond-Adolph English Psychology Emily Maria Erb Chemistry; Psychology Mary Kathleen Erb English Aileen Escobedo Markets and Culture Roza Gebeto Essaw Human Rights; Political Science Afrida Tahsin Faria Psychology Nidah Farishta Philosophy Gerald Walter Fawcett Public Policy Alyzae Amena Feroze Psychology Payton Daltar Fesperman Markets and Culture Amanda Louise Hix Political Science; Psychology Alisha Sharnae Filmore Psychology Anita Maria Filuk Chemistry Sebastian V. Filutowski Economics Jacob Wesley Fleming Chemistry Gina Alice Augusta Ford Psychology Alyssa R. Fox Environmental Studies Kayla Marie Freeman Psychology Luke Edward Friedman Mathematics Nancy Fuentes Anthropology Brenton Vaughn Furse II English Caitlin Campbell Gager English with a Creative Writing Specialization; Psychology Elisa Gallegos Psychology Geoffrey Samuel Garber Markets and Culture Bryna Laree Garrison Psychology Alexander Naoum Gianotas Economics Tracy Marie Giesler Markets and Culture Brandi Marlena Nicole Gilbert Geology James Gunnar Gingery Political Science Adrienne Elizabeth Glaze English; History Kelsey Elizabeth Glazer Markets and Culture Kathryn Elizabeth Godbold Psychology Tabitha Lynn Gorena Psychology Andrea Rae Graham English; Psychology Ethan Scott Gregory Religious Studies Cristina U.B. Grow Foreign Languages: Italian; Spanish Daniela Cristina Gutierrez Political Science Hanna Margaret Haghayeghi French; Psychology Michael Hamel History Kelsey Leigh Hammoor Psychology Rebecca Kaitlin Hanna Psychology Taylor Marie Harper Psychology Geneva Seymoure Harris International Studies Tyler Benjamin Harris Political Science

Alexandra Gabriele Harvel Foreign Languages: German Shannon Damani Haughton English with a Creative Writing Specialization Imani Colette Heard Markets and Culture; Spanish Shelby Nicole Hendrick Psychology Jessica Lyn Henkel Psychology Jeannette Hernandez Spanish Columbia Tara Herzlinger Biological Sciences Andrew Mabry Hill Economics; Markets and Culture Jacob O'Neill Hite Spanish Ryan Matthew Hobby Anthropology; History Sheri Kay Holshouser Spanish Amy L. Holt English with a Creative Writing **Specialization** Shanler Leigh Hoover English Sydney Elliott Howe Human Rights; Public Policy Erin Parker Hoya History; Human Rights Helen Louise Huber International Studies Kimbrell Cary Hughes Markets and Culture Mark Bennett Huntley Psychology John Renken Hurdle II Foreign Languages: Spanish Alina Ilinskaya Psychology Akbar Iqbal Psychology Laura Caitlin Israel English; Psychology Michelle Marie Ivy Psychology Taylor Olivia Jack Psychology; Spanish Paige M. Janke Markets and Culture Samantha Jay Jarvis Political Science Zuha Jeddy Psychology Alisha Nicole Johnson Anthropology Bryce Keenan Johnson Spanish Mallory Anne Johnson Markets and Culture Kashima Nicole Jones Psychology Landon Everett Jones Religious Studies **Robert Fitz-Gerald Jones** Economics Adam Joseph Jordan Economics Cecelia Louise Joslin Psychology Riddhish Mukesh Kapadia Economics Alexandra Nicole Katsorelos Biological Sciences **Bailey Victoria Kessing** Economics Aidan Young Hyun Kim Philosophy Han N. Kim Political Science Catherine Maria Kingry Chemistry Lauren R. Knazze Biological Sciences

Timothy Emilio Kolostroubis English **Jennifer Nicole Kowalski** International Studies Taylor Christian Kral Political Science Edward Carl Krausnick III Philosophy Ankita Krishnan French; Psychology Igli Laci Public Policy Mary Kathryn Lagerstrom Foreign Languages: Spanish John Preston Lee Political Science Katie Lynn Legband Political Science; Psychology Kendal Christine Lewis Foreign Languages: Spanish; International Studies Samuel H. Lincoln Public Policy Scott M. Logan English; Political Science Jennifer Violeta Lopez Mejia International Studies Lucia Raquel Lopez Sanchez Markets and Culture Daniella Lizette Lopez Markets and Culture Israel Lopez English Olivia Faith Ludwick Dohmen Psychology Tara Lynn Luna History Alexander Edward Mace Political Science; Spanish Jonathan Wayne Machemehl Political Science Andrea Christine Maciejewski Psychology Vidhi S. Makanji Spanish Courtney L. Manning Sociology Nadia Madeleine Mansour Psychology Katharina Hanna Marino Geology Breanna N. Martin Anthropology Christina Nicole Martin Psychology Stephanie Joan Martinez Psychology Brandon G. Maso Political Science Alexandra Christine Massing Spanish Kevin Robert Matejka International Studies Corinne Kathryn Matthews English Kelly Ann Matthews Markets and Culture Kevin Jean-Christophe Mattice International Studies Christina Maturino Sociology; Spanish Lailee Mavadat Markets and Culture Douglas Glen McNabb Psychology Lindsey Lynn Mehmeti Public Policy Hartley Helen Mellick Economics; Public Policy Kimberly M. Mendoza Chemistry; Spanish Macey Katherine Meriggi Spanish Ana Sophia Merlo Human Rights Michael Alexander Mitchell Psychology Jeffery Bryant Moffitt English

Caroline Rose Montgomery Psychology Hannah Summers Moore Political Science; Spanish Genesis Elizabeth Morales Psychology Jeremy Joseph Moran Psychology Alexander Scott Morgan Political Science; **Religious** Studies Taylor Madeline Morris Chemistry; French Colton Robert Erling Moyer International Studies Michelle Delaney Mozena Psychology Holly Rebecca Mulinder Psychology Alexander John Munoz Economics; Markets and Culture Timothy Spencer Namnoum Philosophy Shazeb Nasir Nayani Markets and Culture Pamela DuPont Nickell International Studies: Spanish Mallory Smith Noland Psychology Tatiana Charmon Obey International Studies Jacob Colin O'Dell Psychology Kelly Rose O'Malley Religious Studies Elizabeth Susan O'Neill Chemistry St. John Scott Ogilvie Markets and Culture Ana Teresa Olivares English Joseph Hirsch Ottolenghi Psychology Amanda Olivia Owen Anthropology Laura Alexandra Pacifico German; International Studies Panagiotis Elias Papanikolopoulos Political Science Saifali Pardawala History Hannah Ha-eun Park Psychology Pooja Raj Patel Political Science Trevor Jonathan Paul Political Science Margaret Caitlin Paulette Markets and Culture Safa Peera Political Science Pascual Antonio Pellegrino International Studies: Political Science Danielle Leigh Pels Psychology Maria Victoria Pereyra-Vera History; Political Science Emily Claire Piepenburg Anthropology; History Torlan Rashad Pittman Psychology Carrie Patience Pope Psychology Alexandra James Portaro Spanish Jamie Ann Potter Psychology Nicole Lisa Powell Philosophy Aliya N. Prasla Psychology Mayra L. Pratz Spanish

Ralph Manuel Prieto Spanish Elisabeth Lillian Provost International Studies James Alexander Schaetti Quail Philosophy; Political Science Afsana Qurishi International Studies; Political Science Zuha Rafi Psychology Hameem Rahman Religious Studies Cameron John Raidy Philosophy Georgia Katherine Weiler Raines English with a Creative Writing Specialization Elizabeth Carolyn Ranshaw Markets and Culture Emily M. Reagan English Jeremy Lester Rechtien International Studies; Political Science Iade Aimee Reichman Markets and Culture Kristen Leigh Riach Biological Sciences; Psychology Ashley Jordan Ridgdill Spanish Ashley K. Ridge English with a Creative Writing Rachel Noelle Stonecipher Anthropology Specialization Kara Laine Riley English with a Creative Writing Specialization; Psychology Glenna Allen Roberts History Joshua William Robinett Political Science Lauren Ariel Madeline Rohde Public Policy Brian Malcolm Rose Spanish Marc Gary Ross Political Science Raymond Nicholas Russell Psychology Karla Eugenia Ruzo Foreign Languages: French Devon Nicole Ryan Psychology Eric Karl Dorotheo Sabandal Foreign Languages: French Stacy Marie Salazar English Sarah Sima Sawaf Mathematics Claire Elizabeth Schmidt Sociology Scott F. Schneider Markets and Culture Andrew Michael Schroeder Political Science: Psychology Sean Michael Scott English Paige Mccarthy Seeker Biological Sciences; Psychology Douglas Cousins Sellers, Jr. History Kelly Shami Psychology Vignesh G. Shanker International Studies McKinley Anne Siegfried Psychology Anna Charlotte Skrivanek Anthropology; History Caroline Paige Slattery Mathematics

Brittany Michelle Smith Psychology Dylan O. Smith English with a Creative Writing Specialization Mary Katherine F. Smith English Michael Benjamin Smith Psychology Menalco Jose Solis IV International Studies: Political Science Jose Ignacio Solis International Studies; Political Science; Public Policy Shannon Brianna Spizman Political Science Ashley Brenna Stainton Psychology Jennifer Lauren Starnes Anthropology; Psychology Gloria Joy Steinke Markets and Culture Hayley Alexandra Stenger Markets and Culture; Spanish Jane Patricia Stenman History Christopher Nickolas Stimpson Political Science Cassandra Grace Stockall Psychology Ida Ayu Mira Suarsana English Lochlan Ramsey Sudarshan English with a Creative Writing Specialization Jack Matthew Swearingen International Studies: Political Science Ryan Nathan Swick Economics; Political Science; Public Policy Shervin Ziba Taheran International Studies; Political Science Allison Elaine Talbot Psychology Amanda L. Tanguma Spanish Steven Lee Tassin Political Science Brittany L. Taylor Political Science Evan Michael Taylor Political Science Catherine Kendelle Tekstar Psychology Alexandra Noel Thibeaux History Mesa Leigh Thomas Spanish Trevor Allyse Thompson English Gavin Richard Thomson Economics Stephanie Ann Toms Markets and Culture Jaime Richelle Toussaint Psychology; **Religious** Studies Jennifer Mai Tran Biological Sciences Mark Andrew Trautmann Public Policy Mark Edward Trelstad Markets and Culture Jamie Louise Trenkner Sociology Katherine Diane Tumminello English

Sarah Nicole Turchan Psychology

Vanessa Adorah Uzoh Anthropology

Laura Vetrano Psychology Victoria Christina Vinson Sociology Rachel Ann Von Gonten Spanish Forrest Carter Voss Sociology John D. Wallace History Stefan Chase Waltke Psychology Preston Kramer Walvoord German Susan Sophia Wanamaker International Studies Candace Elaine Wanner Public Policy Cynthia Lashlee Warner Biological Sciences; Spanish Corbett Dayton Webb Political Science Sean Ricci Weiland German Samuel Aspinwall Welles History Sarah Kathryn Wheeler French; Markets and Culture Alexandra Leigh Whelan Anthropology; Psychology Evelyn Dozier Whelan French

#### DEGREE OF BACHELOR OF SCIENCE

Adrian Hurtado Aceves Biological Sciences Eimon Akbari Economics with Finance Applications Gustavo Alvarado Economics with Finance Applications; Mathematics Ahtoosa Nicole Amini Mathematics Luke Apisa Biological Sciences David Allan Archer Biochemistry Luz Stephany Arrieta Mathematics Charles Michael Averett II Economics with Finance Applications Christian Gabriel Ayala Mathematics Ajay Ashwin Babaria Mathematics Nadia Michelle Bahramnejad Biological Sciences Juan Carlos Barajas Barrera Economics with Finance Applications Leah Michelle Barnett Mathematics Nicholas James Bastoni Mathematics Garrett Stephen Bockman Physics **Olivia Don Book** Biological Sciences Brittani Jacqueline Boukather Mathematics Allison Loree Bowker Mathematics Zachary Michael Boyd Economics with Finance Applications Margaret Elizabeth Byrd Sociology Giancarlo Albino Carleo Mathematics Weihao Chen Economics with Finance Applications

Grace A. Whiteside Political Science Whitney C. Wilcox Markets and Culture George Rainey Williams III Economics George Wiley Williams, Jr. Foreign Languages: French Shawn B. Williams Sociology Ryan Benjamin Wilson Political Science Adella Michelle Winder Psychology Christopher Sean Wolf Spanish Rebecca R. Wolfe Psychology Melody Nichole Woodard Political Science Essete Zelealem Workneh Political Science Catherine Ruffin Worth Political Science Katherine Marie Worwa Markets and Culture; Spanish Shanitah Edé Young Spanish Anna Marie Ziemnicki French; Political Science Bradley Mervin Zink Markets and Culture Samantha Elizabeth Zivin History

Natalie Marie Clark Anthropology Claire Marie Coogan Biochemistry Katerina Anna Coroneos Mathematics Christie Cotgrove Economics with Finance Applications Marque Jonte' Dailey Economics with Finance Applications Christopher M. De Vilder Economics with Finance Applications Nicholas Scott DePinto Economics with Finance Applications Jean Paul Destarac Economics with Finance Applications Gabriella C. Diaz Biological Sciences Floris Casper Gustav Clemens Dijkstra Economics with Finance Applications Kevin Nicholas Do Economics with Finance Applications Jennifer Alyse Doran Chemistry Alexa Michelle Dow Biological Sciences Brian Michael Dwyer Economics with Finance Applications Stephanie Michaline Elko Mathematics Jorge Alberto Elosua Economics with Finance Applications Caitlyn Eileen Emigh Biological Sciences Michelle L. Engle Biological Sciences

Scott William Josef Englerth Economics with Finance Applications Pamela Espinoza Economics with Finance Applications Afrida Tahsin Faria Biological Sciences Chloe Brigitte Farrar Mathematics Gerald Walter Fawcett Economics with Finance Applications Kent Billington Fischer Chemistry Jacob Wesley Fleming Biological Sciences Alyssa R. Fox Economics Kelsey Quin French Biological Sciences Christine Catherine Gahn Mathematics Haoyuan Gao Economics with Finance Applications Brandi Marlena Nicole Gilbert Anthropology Gleb Glebov Mathematics Rolando Gonzalez Salinas Economics with Finance Applications Andrew L. Goodson Mathematics Edward Sloane Graff IV Economics with Finance Applications Edward Joseph Gray Economics with Finance Applications John Freeman Gray Biochemistry Travis Dalton Greig Economics with Finance Applications Taylor Leigh Gunn Economics with Finance Applications Hillary Ann Halik Anthropology Mariam Hanif Biological Sciences Kyle Reed Hanson Mathematics Bolton M. Harris Sociology Jordan Deanne Hartsell Economics with Finance Applications Saved Mohammad Hossein Hashemi Jazi **Biological** Sciences Rommel Emilio Hawit Medina Economics with Finance Applications Joseph Leo Hesse Biochemistry Mary Jordan Higgins Mathematics Ryan Joseph Higgins Economics with Finance Applications Sean M. Higgins Mathematics Benjamin W. Hill Economics with Finance Applications Jonathan Craig Hill Mathematics Daniel Patrick Howard Economics with Finance Applications

Beatrice Kai Qi Huang Biological Sciences **Preston Thomas Huth** Mathematics Robert Jay Isakson II Economics with Finance Applications Samantha Jay Jarvis Sociology Katherine Elizabeth Jones Economics with Finance Applications Sarah Karimi Chemistry: Environmental Sciences John Keith Herrero Economics with Finance Applications Jessica Lynn Kelley Biological Sciences Shkelgim Kelmendi Economics Kandiss Lee Kendall Biological Sciences Christopher C. King Mathematics Catherine Maria Kingry Biochemistry **Connor Russell Kite** Mathematics **Blaz Korosec** Economics with Finance Applications James Kwon Economics with Finance Applications Igli Laci Economics with Finance Applications Fernando Lara Carrillo Mathematics Samantha Joy Lasoski Biological Sciences **Bilal Hassan Latif** Economics with Finance Applications Khang Dinh Le Chemistry Alexander Brian Lee Economics with Finance Applications Tyler James Lekas Economics with Finance Applications Yuanyuan Li Economics with Finance Applications John Hugh Liedtke IV Economics with Finance Applications Andrew Shih-jay Lin Biological Sciences; Geology Jack Kai Yin Lin Economics with Finance Applications Samuel H. Lincoln Economics with Finance Applications Jacob Jordon Lindahl Economics with Finance Applications Michael McInally Loftus Economics with Finance Applications Antonio Gilbert Maalouf Maalouf Economics with Finance Applications Alexander Edward Mace Economics with Finance Applications David Evan Mackay Economics with Finance Applications Vidhi S. Makanji Biochemistry Samuel Joseph Male Economics with Finance Applications

Bryan Daniel Faas Manderscheid Mathematics Jane Alexandra Manvelova Economics with Finance Applications Marshall Thomas Marek Economics with Finance Applications Mariana Martin Morales Economics with Finance Applications Maribel Martinez Biological Sciences Kathleen Joan Marie Masterson Geology Corinne Kathryn Matthews Mathematics Austin Ryan McBride Economics with Finance Applications John Robert McConville Economics with Finance Applications Douglas Glen McNabb Biological Sciences Lindsey Lynn Mehmeti Economics with Finance Applications Kimberly M. Mendoza Biological Sciences Bailey Richmond Minehart Biological Sciences Sofia Mitha Economics with Finance Applications Adriana Olivia Molinar Mathematics **Taylor Madeline Morris** Biological Sciences Paul Christopher Moseley Mathematics Holly Rebecca Mulinder Biological Sciences Fahmida Musharof Biological Sciences; Mathematics Surayya Nagji Mathematics Natasha Iris Nanton Biological Sciences Kacey Janika Nelson Economics with Finance Applications Efrain Nieto Jr. Mathematics Andrew Walter Nollmann Economics with Finance Applications Sheny C. Palacios Economics with Finance Applications **Rennick Bruce Palley** Mathematics Riley Alexander Paone Economics with Finance Applications Kristina Sue Paterson Mathematics Clay Kenneth Patterson Mathematics Samuel McBirney Peeling Mathematics Daniel Alexander Pickett Biological Sciences Michael Collin Quigley Economics with Finance Applications Albert Corey Rasmussen Economics with Finance Applications

Abigail Barbara Richison Mathematics Jessica Ashley Riley Sociology Alexandria Jean Roos Sociology John Stephen Sabo Economics with Finance Applications Juan Pablo Santos Economics with Finance Applications Dushyant Raj Sapra Economics with Finance Applications Timothy Vincent Scalzo Mathematics Angelica Jackeline Sifuentes Chemistry Tajshree Singh Economics with Finance Applications Randwulf Partain Singleton Anthropology Madeline Clare Smith Mathematics Bianca A. Sosa Economics with Finance Applications Lauren Amber Speyer Mathematics Christopher Nickolas Stimpson Sociology Philip Daniel Summa Economcs with Finance Applications Therese Svendsen Sociology Mesa Leigh Thomas Mathematics Firehiwot Tsehayetsidk Mathematics Thomas Andrew Van Every Biological Sciences Lauren Danielle-Jentana Wahlquist Economics with Finance Applications Evan Ray Wakefield Mathematics Preston Kramer Walvoord Biological Sciences Candace Elaine Wanner Economics Patrick Joseph Ward Economics with Finance Applications Alexander P. Weatherbie Chemistry Sean Ricci Weiland Economics with Finance Applications Samuel Huntington White Mathematics Haley Nicole Wilson Mathematics Daniel Cole Windham Mathematics Natasha Angelique Wunderlin Mathematics Erwin Xia Biological Sciences Shanitah Edé Young African/African-American Studies Vance Michael Yudell Economics with Finance Applications Tao Zhou Economics with Finance Applications

Michael Eugene Brown Mary Jo Dancer Steven Charles Newcomb **Blake Allen Pritchard** 

### IN MEADOWS SCHOOL OF THE ARTS

#### DEGREE OF BACHELOR OF ARTS

Sudie Lynn Abernathy Music Alejandra Aguirre Corporate Communications & Public Affairs Angelica Ochoa Anderson Communication Studies Jan Anderson Journalism Elizabeth Dwen Andrews Advertising Elizabeth Whitaker Ansbro Communication Studies Rocio Avila Film and Media Arts Nicholas Bowen Bakewell Film and Media Arts Paige Natalie Evans Advertising Samuel Davis Bartlett Music Siena Rae Beacham Journalism Willow Anneleise Frances Blythe Journalism Sophie A. Bolden Communication Studies Helena Nancy Bologna Advertising Caroline Sterling Boothe Corporate Communications & Public Affairs Tanisha Nicole Boyd Corporate Communications & Public Affairs Margaret Caroline Brown Advertising Janan M. Buisier Journalism **Jennifer Lauren Buntz** Communication Studies Emma Laura Byrd Art History Billie Danielle Carroll Advertising Abby Aldrich Caulkins Art History Katherine Ann Chalmers Communication Studies Kelsey Elizabeth Charles Journalism David Mario Chavez Film and Media Arts Eunbi Choi Art History Caroline Martha Coffee Advertising Kiara M. Collazo Communication Studies Andrew Pryor Colton Communication Studies McKenna Christine Cottam Advertising Amanda Catherine Cox Advertising

Summer Leigh Dashe Journalism Ann Shannon Davey Art Katya Natasha Deahl Journalism Timothy Michael Delahanty Advertising Christine Ashby Devine Advertising Kayla Ann Dietz Advertising Kevin Le Do Advertising Eric Dylan Docherty Art Roza Gebeto Essaw Corporate Communications & Public Affairs Valerie Marie Exnicios Communication Studies Annamarie Elaine Fernandez Film and Media Arts Alissa Kathleen Fitpatrick Journalism Benjamin Taylor Foran Advertising Shelby Lauren Foster Journalism Addison Bauer Funk Communication Studies Danielle Amanda Gersh Journalism Erin Camille Gilmore Journalism Carmen Renee Golden Advertising Kara Nicole Goldstein Communication Studies Leslie Ann Good Art History Leigh Anna Groeschell Advertising Hillary Ann Halik Art History Krystal LuCretia Hargrove Music Taylor Marie Harper Advertising Avery Farr Harrison Advertising Chelsea Belle Harrison Advertising Erin Lee Hedrick Film and Media Arts Maribel Christina Helland Art History Sara Ann Henderson Communication Studies Katherine Eileen Herald Communication Studies Monika Thao-Ngan Hoang Advertising Nicole Lynn Hodges Advertising

Tauni Elizabeth Sabrina Hopkins Journalism James Ryan Jillson Music Taylor Ann Johnson Communication Studies Kayla Nichole Ketelsen Advertising Jordan Lynn Kirksey Advertising Lauren Elizabeth Knowles Advertising Blane K. Koons Journalism Colby Elizabeth Kotzen Advertising Amie Catherine Kromis Communication Studies **Bora Laci** Communication Studies Taylor Patricia Lack Corporate Communications & Public Affairs Alexandra Rose Lesiuk Communication Studies Virginia Malcolm Lichty Art History Esther Kongtsu Liu Corporate Communications Aria Roxie Rastandeh Film and Media Arts & Public Affairs Daniella Lizette Lopez Advertising Francesca Marfese Lupo Communication Studies Andrea Christine Maciejewski Music Brittany Blair Mack Corporate Communications & Public Affairs John Anthony Malanowski Advertising Sarah Mamlouk Advertising Nadia Madeleine Mansour Advertising Katharina Hanna Marino Journalism Elyse Christine Marriott Advertising Rachel Marie McCartha Advertising; Corporate Communications & Public Affairs Kelly Elizabeth McCloskey Advertising Richelle Ann McCoy Advertising Marion Emerson McHenry Corporate Communications & Public Affairs Margaret Lee McKone Journalism Jessica Nicole Meier Corporate Communications Breea Kiran Sharma Advertising & Public Affairs Macey Katherine Meriggi Journalism Hannah Leigh Mitchell Advertising Genesis Elizabeth Morales Art History Colton Robert Erling Moyer Film and Media Arts Abril Murillo-Villalobos Journalism Leila Eid Mustafa Journalism Posia Allegra Nigh Advertising Savannah Lyn Niles Creative Computing Jean-Axel Antonin Nussbaumer Film and Media Arts Brianna Victoria O'Connor Advertising Kelly Rose O'Malley Film and Media Arts

Adriana Michelle Ovalle Journalism Mercedes Merchell Owens Journalism Anne McCaslin Parker Journalism Ethan Pierson Patrick Music **Trevor Ionathan Paul** Communication Studies Shelby Holland Pearlman Art History Erica Brianna Penunuri Journalism Gabriella Marie Pineda Advertising Allegra Elizabeth McCarthy Pitt Art History Ryan Richard Polendo Communication Studies Carrie Patience Pope Music Alexandra James Portaro Art History Lauren Elizabeth Proctor Advertising Iker Quintana Leon Advertising Shana Ray Communication Studies Taylor Kirsten Reed Corporate Communications & Public Affairs Jessica Ashley Riley Corporate Communications & Public Affairs Katie Sarah Roberts Advertising Cassandra Jaclyn Robinson Journalism Sarah Marie Rodriguez Advertising Jacqueline Velasquez Ross Corporate Communications & Public Affairs Katherine Maureen Rozelle Art Karla Eugenia Ruzo Advertising Barton Hill Sackett Film and Media Arts Nikita Bharat Sangani Chandler Marguerite Schlegel Journalism Hilary Grace Schleier Art Vanessa Alexis Schlüter Advertising Nieka Shambayati Art History Erin Kathleen Shay Communication Studies Megan Elizabeth Simmons Communication Studies Ian William Stageman Advertising Ashley Brenna Stainton Journalism Scott Crawford Standard, Jr. Communication Studies Rachel Noelle Stonecipher Film and Media Arts Jordan Elyse Swensson Advertising Abigail Nash Taylor Art History Trevor Allyse Thompson Advertising Molly Carney Tilton Advertising Morgan Elizabeth Toal Advertising Alexandra Meredith Tocci Advertising

Mark Edward Trelstad Advertising Sarah Nicole Turchan Art History Tashika Varma Communication Studies Caroline Thornbury White Corporate Communications & Public Affairs Virginia Ashlin Wilbanks Art History

#### DEGREE OF BACHELOR OF FINE ARTS

**Justin Lee Amos** Theatre Ruben Carrazana, Jr. Theatre **Juan Antonio Castillo** Art Nicholas Alan Clark Art Jeffrey James Colangelo Theatre Tyler Emerson Crim Theatre Constance Grace Dolph Dance Performance Tenley Grace Dorrill Dance Performance Katherine Elizabeth Egan Art Katherine Lynne Esbenshade Art Harry Nathan Feril Dance Performance DiVonté Dennis Gorham Art Theodore Ouincy J. Gwara Theatre Afomia Hailemeskel Theatre Julie Ann Kaye Dance Performance Aaron Ryan Kozak Dance Performance Heather LaRocco Theatre Kyndra Cassandra Mack Theatre

#### DEGREE OF BACHELOR OF MUSIC

Abigail Catharine Clark Flute Performance Ryan N. Cole Music Education Gina Alice Augusta Ford Oboe Performance Tessa LeAnne Gartin Music Education Kiel Christian King Voice Performance Deborah Son Ko Violin Performance Paul Jerome Kroeger Voice Performance Katrina Marie Leshan Guitar Performance Jason Tyler McElhinney Clarinet Performance Carrel Pang Harp Performance Uram Park Voice Performance Victoria Lauren Ringhausen Voice Performance Adella Michelle Winder Advertising Rebecca Rae Wolfe Corporate Communications & Public Affairs Essete Zelealem Workneh Journalism Catherine Ruffin Worth Communication Studies

Jeffery Bryant Moffitt Theatre Savannah Lyn Niles Art Brianna Victoria O'Connor Dance Performance Meredith Elaine Oden Theatre Amanda Olivia Owen Dance Performance Miranda Kathleen Parham Theatre Elizabeth Eileen Peterson Theatre Veronica Isla Phillips Dance Performance Nicole Lisa Powell Dance Performance Hunter Blake Ringsmith Theatre Alexis Blake Rios Dance Performance Samantha Alexandra Rios Theatre Derick Ronald Rodgers Theatre Marissa Paris Romer Theatre Isake Akanke Slaughter Theatre Brady Matthew Stebleton Theatre Mariella Tabales Robles Theatre Jasmine Janae White-Killins Dance Performance

Jacqueline Rodriguez Music Education; Voice Performance Alyson Cornwell Ryall Music Therapy Laura Grace Smolik Voice Performance Rebecca Ruth Thompson Music Education; Voice Performance Michael Henry Joseph Van Der Sloot Cello Performance; Music Composition Clint Edward Wyatt Trombone Performance Erwin Xia Piano Performance Parisa Nicole Zaeri Piano Performance

#### DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION

Delali Kwami Agradi Accounting Abdulrahman Abdulaziz A. Al Ahmad Finance Chad Daniel Cummings Accounting Kelsev Alan-Lee Finance Mary Ulla Christina Alenbratt Management Jamie Lynn Alvrus Marketing Kristian Edwards Andaas Marketing Terrance Robert Andersen Finance John David Angle Accounting Ryan Daniel Ashcraft Management William Andrew Badarak Finance Cameron Moore Banta Finance Juan Carlos Barajas Barrera Finance Gregory John Barro, Jr. Finance Samuel Davis Bartlett Management Alexandra Lynn Barton Finance Katheryn Marie Batista Marketing Theodore John Belden Finance Alistair Dean Belton Finance Connor Edward Benvenuti Finance Allison Paige Bereswill Accounting Hannah Lee Bliss Accounting Jeffrey Michael Blomker Finance Patrick John Blusanovics Finance Katherine Grace Boomer Marketing Emily Elaine Brandt Marketing Gabriella Briceno Finance Ella Monsted Bright Accounting John Hayden Bryant Finance Kevin Michael Burton Accounting **Emily Claire Carstens** Management Evan Alles Carter Accounting Monica Casan Nader Management Glenn DeKraker Champion Finance Thomas Gordon Chapline Accounting Alyson Kristina Christensen Real Estate Finance **James Thomas Christensen** Finance David Ian Coia Finance Mark Kempthorne Collings, Jr. Finance Evan James Conley Accounting Rachel Elizabeth Conover Accounting Thomas Francis Corcoran IV Risk Management and Insurance Crosby Caroline Cordell Risk Management and Insurance Christie Cotgrove Financial Consulting

Bryan Austin Crabb Accounting Wenli Dai Accounting Brent L. Davis Financial Consulting **Jack Scott Dawson** Finance Christopher M. De Vilder Risk Management and Insurance Garrett B. DeBease Finance Nicholas Scott DePinto Finance Andrew Joseph DeTrempe Finance Jennifer Jo DeVries Marketing John Brandon Dean Finance Annabelle Devlin Marketing Floris Casper Gustav Clemens Dijkstra Finance David A. Dow Real Estate Finance Jack Corrie Dowling Real Estate Finance Raminta Dvariskyte Finance Shahin Eghbal Accounting Ahmed Aly El-Hag Finance Dean Michael Elazab, Jr. Marketing Aaron M. Elmor Management Scott William Josef Englerth Finance Alison N. Fagan Accounting Mary Fan Finance Elizabeth B. Finkbohner Finance Brendan Daniel Foley Finance Nicole Lorraine Francis General Business Sarah Elisabeth Frazee Accounting Kelsey Quin French Management Luke Edward Friedman Accounting Alyssa Ann Gaines Risk Management and Insurance Haoyuan Gao Finance A'Rielle K. Gatlin Accounting Julia P. Geiger Accounting Sarah M. Gilligan Accounting Kelly Katherine Glasgow Accounting William Hayden Glasstetter Finance Maria Fernanda Gonzalez-Vingochea Accounting Hadley L. Graham Accounting Edward Joseph Gray Real Estate Finance Stephen Anthony Groshko Finance Allison Marie Guthrie Marketing Daniela Cristina Gutierrez Management

Kristine Margaret Gutzman Risk Management and Insurance Rebecca Kaitlin Hanna Marketing Christine D. Harpool Accounting Mason Edward Harrell Finance Tyler Benjamin Harris Financial Consulting Elizabeth Dare Hartnett Marketing Jasmine Rattanarporn Heckler Accounting Kevin Justin Heidenreich Financial Consulting Jeannette Hernandez Accounting Grant Robert Hertzog Finance Austin Scott Hiatt Accounting Ryan Joseph Higgins Finance James Gerald Hiles Finance Jonathan Craig Hill Finance Jacob O'Neill Hite Marketing Hye In Hong Marketing Austin Chandler Horn Accounting Edward Harrison Horowitz Real Estate Finance Beatrice Kai Qi Huang Risk Management and Insurance Kimbrell Cary Hughes Marketing Rose Elyse Hurwitz Marketing Alina Ilinskaya Management Akbar Iqbal Management Alyssa Salim Ismail Marketing Paige M. Janke Accounting Waleed Khaled Jaroun Finance Nicholas Michael Jehlik Marketing Matthew Shane Johnson Finance Stephen James Johnson Accounting Laura M. Johnston Accounting Jeffrey Lawrence Jones Accounting Adam Joseph Jordan Management Johnathan David Jordan Accounting Min Woo Kang Accounting Andrew Marshall Katigan Finance Jacob Stanley Kay Accounting Han N. Kim Marketing Steven Michael Kitt Finance Andrew Michael Klitch Accounting Kelsey Renae Knobloch Finance Blaz Korosec Finance Kayla Gail Kreuzberger Accounting Dillon James Kruger Accounting Allison E. LaRoche Accounting Igli Laci Financial Consulting Taylor Patricia Lack Marketing Caroline Griggs Langley Financial Consulting

Adam Joseph LeBlanc Real Estate Finance Shelby Frances Leabo Accounting Christy Lee Marketing Johnny In Lee Accounting Christina Alexandra Leon Management Alexandra Rose Lesiuk Marketina Dandan Li Accounting Yuanyuan Li Finance John Hugh Liedtke IV Finance **Bo Liu** Accounting Yee-hsuan Liu Accounting Amy Elizabeth Lockridge Finance Ashley Elaine Lorenz Accounting Filip Lorinc Finance Nabagala Jenevieve Lubwama Accounting Kevin Sheng-Lun Ma Accounting Quentin Lynn Major Finance Jane Alexandra Manvelova Finance Megan Amanda Marchant Marketing Charles Anthony Margiotta Real Estate Finance Christina Nicole Martin Marketing Mary Taylor Martin Finance Victoria Grace Mason Finance Meghan A. Mathews Management Kelcy Lea Mayell Finance Erin Lynn McCarthy Marketing Ryan Hunter McComb Finance John Robert McConville Financial Consulting Sarah B. McCurdy Accounting Christine C. McLaughlin Finance Lindsey Lynn Mehmeti Financial Consulting Alexander Wade Mezey Accounting Catherine Clarke Mickum Accounting Lauren Elizabeth Miller Marketing Lauren R. Miller Accounting Michael Gregory Miller Finance Robert Mitchell Miller Accounting Michael Alexander Mitchell Finance Josh Moore Finance Jeremy Joseph Moran Marketing James Clay Moreton Finance Conor Timothy Murphy Accounting Michelle Christina Myers Accounting Timothy Spencer Namnoum Marketing Jay Michael Nisbet Finance Patrick Steven Noles Marketing John Daniel Oakes Finance Kyle Braden Oberkrom Finance Li Qun Ooi Finance

Trenton B. Owens Finance Lindsey M. Pacheco-Mueller Accounting Andrés Eduardo Paguaga Argüello Finance Blake Arthur Palmer Accounting Farzan Farooque Parupia Marketing Taylor Nicole Pass Marketing Pooja Raj Patel Management Sarah Elizabeth Pearson Marketing Thalia Pedrotti Marinkovic Marketing Lauren Anne Peterson Financial Consulting Zachary Alan Petrov Financial Consulting Katelyn Brooke Powers Finance Melissa Kaitlin Powers Marketing Mallory H. Presutti Accounting Jonathan David Price Accounting Ralph Manuel Prieto Finance Cameron J. Purcell Finance Elizabeth Gray Purtell Accounting Tareen Samihah Rahman Marketing **Richard Aaron Raizes** Finance Halston Alexandra Reece Accounting Jeffrey Mark Reese Marketing Rebekah Kathryn Reistad Accounting Keller Alexander Rhyne Accounting William Lanier Richey Management Weston James Richter Finance Jane M. Rizzuto Accounting Erin M. Robbins Accounting Hanna Elizabeth Robertson Risk Management and Insurance Taylor Lane Robinson Accounting Chase Andrew Rodawig Finance John Owen Rogers Marketing Lauren Ariel Madeline Rohde Risk Management and Insurance Brian Malcolm Rose Marketing Ashley Lane Rote Marketing James Richard Ruth, Jr. Finance Eric Karl Dorotheo Sabandal Finance Nikita Bharat Sangani Finance Faiz Ahmad Sayed Finance Vanessa Alexis Schlüter Marketing Peter-Christoph Tarkington Schmidt Finance Mackenzie Catherine Schott Accounting Matthew Winslow Schovee Finance Karch Andrew Schreiner Management Anthony Michael Shallcross Finance Meghan Nicole Shaw Management Allie Jordan Shea Accounting Christopher Robert Shea Finance

Clayton Randolph Shepherd Finance **Conner Drew Sherline** Marketing Parth Mukesh Sheth Finance **Baolong Shu** Finance Winston Evans Nickolas Smart Finance Kimberly Dawn Smith Finance William Morgan Snyder Financial Consulting Sebastian Paul Delmar Spears Accounting Walter John Stanton IV Finance Caroline Ann Stapleton Marketing Hillary Kathryn Stapp Risk Management and Insurance Morgan Margaret Staub Finance Steven Craig Steinmetz Management Elizabeth Petit Stupay Marketing Jessica Sun Accounting Allison Elaine Talbot Risk Management and Insurance Brittany L. Taylor Finance Shameel Thawerbhoy Finance Olivia Claire Thomason Accounting Gavin Richard Thomson Finance John Thomas Tighe IV Finance Marlin Tiyabhorn Risk Management and Insurance Stephanie Ann Toms Finance Tara L. Tong Accounting Thomas Anthony Torcellini II Finance Phuc Trong Tran Finance Mark Andrew Trautmann Marketing Jamie Louise Trenkner Management Khai Ouoc Trinh Finance Elizabeth Hackmann Turner Marketing Joshua Daniel Union Management Peter John Van Horn Risk Management and Insurance Rachel Ann Von Gonten Accounting Sarah Monroe Wainwright Accounting Samantha L. Wakely Accounting Candace Elaine Wanner Finance Houstoun G. Waring Accounting Brandon David Warman Finance Jessica Ann Webb Marketing Stefanie Laura Wemple Accounting Trev T. Wilgus Accounting Cohagen Jay Wilkinson Management Alexander Richard Williamson General Business Christopher Sean Wolf Finance Ryan Koon Woo Finance

Erica Nicole Wood Finance Dachuan Xu Finance Katie Ye Finance Vance Michael Yudell Finance Guang Zeng Finance Haonan Zhang Finance Tao Zhou Finance Xiaoyue Zhu Accounting Samantha Elizabeth Zivin Marketing

## IN BOBBY B. LYLE SCHOOL OF ENGINEERING

DEGREE OF BACHELOR OF ARTS

William Robert Casey Computer Science

#### DEGREE OF BACHELOR OF SCIENCE

Keith Thomas Adler Computer Science Sidney Michelle Anthony Management Science Christian Gabriel Ayala Computer Science Christopher John Aydam Management Science Stephen Vincent Barna Management Science Annalise Marie Begin Management Science Samantha Violet Bidwill Management Science Matthew Christian Brannick Computer Science Richard Hugh Caverly Computer Science Andrey Cherenkov Computer Science Michael Edmund Davis Computer Science Kelcey Alan De Lara Management Science Matthew Earl Devoto Computer Science Matthew Earl Devoto Computer Science Maxwell Christopher Diener Management Science

Samuel Louis Doerr Computer Science Eric William Douglas Computer Science Juan Pablo Duran Ancira Management Science Francisco Javier Elosua Torres Management Science

Alexandra Lillian Engel Management Science Matthew George Evans Management Science Chloe Brigitte Farrar Management Science William Brandon Frier Management Science Christian Robert Genco Computer Science Bryant Jurgen Gosch Computer Science Carlos Daniel Gutierrez Computer Science Kyle Reed Hanson Computer Science Donald Tan Havien Computer Science Mary Jordan Higgins Management Science Jonathan Craig Hill Management Science Stephen Moore Hopkins Computer Science Aric Aleksandr Horst Computer Science Jonathan Adam Ishmael Management Science Andrew Austin Jackson Computer Science Christopher C. King Computer Science Osamah Khalid A Kurdi Management Science Cameron Douglas Kurth Management Science Wesley Clarke Lavender Management Science Susan Elizabeth Lewis Management Science Esther Kongtsu Liu Management Science Daniel López Garza Management Science Ashley Elise McDonald Management Science Peter Adams McDowell Management Science Chanelle Madison McGregor Management Science

Emily Kathleen McIntosh Management Science Mateo De Jesus C. Medellin Computer Science Adriana Olivia Molinar Management Science James Clay Moreton Management Science Devin Jay Mullennix Computer Science Jason Michael Murphy Computer Science Zachary Allen O'Brien Computer Science Andrew Clark O'Bryant Management Science Rebekah Kathryn Reistad Management Science Stark Nelson Riedesel Computer Science Zain Taqi Rizvi Management Science Timothy Vincent Scalzo Computer Science James Edward Scott, Jr. Management Science Bennie Lee Simmons, Jr. Management Science Jeffrey L. Swafford Management Science Mesa Leigh Thomas Management Science Ramón Eugenio Treviño Martínez Management Science

William C. Vennes Computer Science Samuel Huntington White Computer Science

#### DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING

- Abdulrahman Hadi Al Zamanan Holly Marie Baird Alexandra Lynn Barton Bayleigh Gilbert Collins Thomas Richard Davies Matthew Christopher Deaver Keara Elizabeth Dunshee Hannah Christine Heighten
- Brett Carson LeGrow Kelsey Lauren McFarlin Barrett Reed O'Neill John Stirling Parkerson Scott Robert Paulhus Scott Wesley Taylor Jennifer Lynn Warner

#### DEGREE OF BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Ahtoosa Nicole Amini Tomin Joseph Kozhimala Chase Ryan Richards Lauryn Alanna Smith Adam Cole Zygmontowicz

#### DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Ajay Ashwin Babaria Leah Michelle Barnett Melody Breeanna Caron Pingaew Chiangda Katerina Anna Coroneos Sarah Rebecca Dominey Devon Criswell Finninger Andrew L. Goodson Michael Fredrick Gunnels Alysia Shannon Hall Arielle Patricia Lafond Jonathan Mark Landon Corinne Kathryn Matthews Alyssa Anna Mayse Alexander Martin Saucedo Mohammad O. Sayed Nnadozie C. Tassie Saira Tul-Fasiha U-Kiu Evan Ray Wakefield Amanda Maria Weise

#### Degree of Bachelor of Science in Environmental Engineering

Allison Beatrice Blake Brandon Tyler Colwell Stephanie Michaline Elko Gabriela Maria Garza San Miguel Madalyn Marie Liebum Bryan Daniel Faas Manderscheid Emily Michelle Moses Meghan Brianna Poage Aaron Wing Lun Tchou Tom Pamela Alejandra Varela Emily E. Vavourakis

#### DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Abdulaziz Khalid A Alkhateeb Khalid Suliman Alluhydan Nicholas James Bastoni Garrett Stephen Bockman Allison Loree Bowker Giancarlo Albino Carleo Stephen Gerard De George Matthew Ryan Frazier Grant Gerdau Justin Michael Groenewold Nathan Charles Hedberg Sean M. Higgins Preston Thomas Huth Mark David Ismaj David Peery King Connor Russell Kite Fernando Lara Carrillo Nicholas Beau Lesiuk Martin James Marak William Maxwell Mayo Paul Christopher Moseley Rennick Bruce Palley Samuel McBirney Peeling Bradley Robert Ray Rex Daniel Reese Samuel Fitzsimmons Scott Madeline Clare Smith Brittany Nicole Svab Daniel Valero Basanez Daniel Cole Windham Natasha Angelique Wunderlin

## IN ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

#### DEGREE OF BACHELOR OF SCIENCE

Christina Marie Boladian Applied Physiology and Sport Management Robert Bailey Brandon Applied Physiology and Sport Management Matthew John Connors Applied Physiology and Sport Management Ja'Gared D. Davis Applied Physiology and Sport Management Nidah Farishta Applied Physiology and Sport Management Jordan Shane Favreau Applied Physiology and Sport Management London Giles Applied Physiology and Sport Management Sara Ann Henderson Applied Physiology and Sport Management Kevin John Holloway Applied Physiology and Sport Management Avis Christine Jason Applied Physiology and Sport Management Priscilla Abigail Lara Applied Physiology and Sport Management Briseida Dennis Luna Applied Physiology and Sport Management Aleksandra Malyarchikova Applied Physiology and Sport Management Kevin Jean-Christophe Mattice Applied Physiology and Sport Management Alison McDonagh Applied Physiology and Sport Management

Claira Anne McElrov Applied Physiology and Sport Management Miguel Medina Zapiain Applied Physiology and Sport Management Michael Mendez Applied Physiology and Sport Management Jizalphons Mathew Pallathumadom Applied Physiology and Sport Management Jennie Lee Pearson Applied Physiology and Sport Management Whitney Rose-Marie Reichlin Applied Physiology and Sport Management Juan D. Robles Applied Physiology and Sport Management Michael Alan Stern Applied Physiology and Sport Management Zachary Carl Swanson Applied Physiology and Sport Management Amanda L. Tanguma Applied Physiology and Sport Management Mark Gregory Voosen Applied Physiology and Sport Management Brent Alexander Waldo Applied Physiology and Sport Management Sarah Edgington Whitaker Applied Physiology and Sport Management Cody Brian Worthen Applied Physiology and Sport Management

## MAY TERM 2013

## CANDIDATES FOR DEGREES

## IN ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

#### Degree of Master of Science in Counseling

Erika Eve Andrews Danielle Nicole Ball Meagan R. Braswell Carolyn Cooper-Murriel Tiffany Evonne Cornett Kathryn Madison Duncan Amanda Ann Ingalls Lydia A. Jenson Jennifer Marie Jobe Kellie Grace King Lissa Claiborn Longoria Asha Kay Phillips Priya Singhvi Gretchen Bauer Wollmuth

The May portion of the program contains the names of candidates for degrees and honors. Inclusion in the program does not constitute evidence of completion of degrees or honors requirements.

## AUGUST 2013 CANDIDATES PARTICIPATING IN MAY

## IN PERKINS SCHOOL OF THEOLOGY

Degree of Master of Divinity

Malcolm Xavier Ervin Rezolia La Shawn Johnson Kristen Elizabeth Melcher Terri Johnette Phillips Martha Patricia Valencia

DEGREE OF MASTER OF SACRED MUSIC

Lisa Marie Hancock Christopher Alan Hoyt

DEGREE OF MASTER OF THEOLOGICAL STUDIES

Stephen R. Holcomb Michael Leon Roberts

## IN MEADOWS SCHOOL OF THE ARTS

Degree of Master of Music

Daniel Allen O'Donoghue II Piano Performance & Pedagogy

# IN ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

DEGREE OF MASTER OF BILINGUAL EDUCATION

Iris Y. Gonzales

Degree of Master of Education

Jesse Dawn Everson Claudia Madrid Katherine Ann-Marie Sanders Ashlee D. Treadway Kathryn Nicole Westland

#### Degree of Master of Liberal Studies

Berta Lidia Aguin Human Rights and	Karla DaShon Humphries Creative Writing
Social Justice	Beverly Ann Johnson Environmental
Tomasina Angelina Betoncur	Sustainability; Global Studies
Simindokht Cheregosha	Joseph Carl Knight
Pamela Yvette Conner Creative Writing	Eric R. McCarty Creative Writing
David Bradley Erington Creative Writing	Jeana Marie Rebers Organizational Dynamics
Lucy R. Garcia Human Rights and Social Justice	Tracey D. Rinehart Global Studies
Anna Gevorkyan Human Rights and Social	Larry Allen Roberts
Justice; Global Studies	Amy Elizabeth Sims Communication, Media,
Lois Ann Good American Studies	and Technology
Amanda Michelle Green Humanities	Sarah Stutts Weatherford Humanities
Clarice Hogan Creative Writing	Kasey Antoinette Yanna Human Rights and
Sarah Elaine Holloway Human Rights	Social Justice
and Social Justice	

#### DEGREE OF MASTER OF SCIENCE IN COUNSELING

Kelley Kristina Akins Andrea Janine Bibb Robert Christopher Broyles Elizabeth Aiko Muto Maria D. Ortiz Bertolo Majed Saleh Miesha Angelise Williams Chelsea Victoria Yurkovich

### IN DEDMAN COLLEGE OF HUMANITIES AND SCIENCES

#### DEGREE OF BACHELOR OF ARTS

Laura Alcorta Biological Sciences Sogand Bahrami-Negad Political Science David Brandon Political Science Chase Buning Sociology Rachel Campbell Anthropology Travis Carlile Economics; Public Policy Alex Christian Economics Michelle Craig Psychology Valeria De Fex Spanish Grant Dennis Markets and Culture Christopher C. Edwards Psychology Mattie Eiland Anthropology; International Studies Melanie Falkman International Studies Juan Jose Garcia Political Science; Spanish Ariana Hamilton English Andrea Headley Psychology Jesse Hilton Psychology Kristina Hoskens English

Claire Rochelle Jones Anthropology Kashima Jones Psychology Bernardo Lopez Mogollon History Laura Montes Anthropology Kayla Moore Latin American and Iberian Studies Robert Nathan Mowrey History Giang Nguyen Economics Sarah Reynolds English Caitlin Mary Rice Political Science Roxanna Roozbeh Biological Sciences Rachelle Renee Schelhaas Sociology Graham Schillaci Public Policy Paola Sotomayor Spanish Matthew Stokes Political Science Lance Ugwuh Political Science; International Studies Marilu Vidaurri, Jr. Markets and Culture Mac Woeste Philosophy

#### DEGREE OF BACHELOR OF SCIENCE

Nora Abdullah Biological Sciences Vinod Arora Economics with Finance Applications **Joseph Arsenio** Economics with Finance Applications Meghan Austin Mathematics Clayton Brown Economics with Finance Applications Rachel Campbell Geology William Ellert Economics with Finance Applications Hannah Ferrin Sociology Emma Giddens Geology; Mathematics Wyatt Guggisberg Economics with Finance Applications Claire Rochelle Jones Geology Bernardo Lopez Mogollon Economics

Kristopher Lowry Economics with Finance Applications
Gabrielle Menz Biological Sciences
Kyle Paterson Geology
Blake Preston Rankin Economics with Finance Applications
Sergio Rios Chamorro Economics with Finance Applications
Ryan Ross Sociology
Graham Schillaci Economics with Finance Applications
Faiz Sayed Economics with Finance Applications
Elliot Simon Economics with Finance Applications
Ryan Spraggins Economics

## IN MEADOWS SCHOOL OF THE ARTS

#### DEGREE OF BACHELOR OF ARTS

Emily Babich Journalism Andrea I. Barreto Advertising Amanda Carol Barton Art History Ayen Deng Bior Journalism Sophie Hart Bransford Advertising Julie Catherine Fancher Journalism Kathryn Clark Herrerias Communication Studies Audrey Elizabeth Huddleston Art History

Joseph Randolph Neikirk II Advertising Katherine Ann Petty Film and Media Arts Lana Dee Phillips Film and Media Arts Rachelle Rene Riley Advertising Chloe Saba Creative Computing

DEGREE OF BACHELOR OF FINE ARTS

Adam Alexander Anderson *Theatre* Rachael Elizabeth Blomeley *Art*  Jessica Celine Johnson Advertising Kathrine Jennifer Krylova Advertising Olivia Faith Ludwick Communication Studies Elizabeth Anne Martin Film and Media Arts Jared Michael Monmouth Journalism Caroline Phillips Monteleone Communication Studies Raquel Mariah Mooring Communication Studies Noelle Kristen Mulholland Advertising

Eric Joseph Sheffield Journalism Julia Townes Smith Creative Computing Lucy Bixby Sosa Corporate Communications & Public Affairs Sophie Le Vongsombath Advertising

Julia Eggleston Art Jake Theriot Art Degree of Bachelor of Music

Esther Rose Craven Music Therapy John M. Happel Trombone Performance Yee Jin Lee Music Therapy Melinda Louise Ng Music Therapy Alethea Joy Pettinger *Music Therapy* Kathleen Marie Romano *Music Therapy* Marielle Joy Sheppel *Music Therapy* 

### IN EDWIN L. COX SCHOOL OF BUSINESS

#### DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION

Ryan Lawrence Anderes Finance Ethan Scott Anderson Finance Frederick Crocker Blue Real Estate Finance Trey Nicholas Bonvino Finance Jeffrey Roy Butt Finance Keith Brian Cummiskey, Jr. Accounting John K. Dayton Accounting William Marcus Dingler V Management **Olivia Flores** General Business Dustin Myles Fontenot Marketing Humberto Garza Garza Finance Meghan Elizabeth Hudak Accounting Eric YipHo Hui Finance Robert M. James IV Accounting Julie Ann Kaye Management Tate Harrison Lanford Finance

Collin Michael Leeolou Finance Jennifer Violeta Lopez Mejia Marketing Yulian Ma Accounting Samuel Joseph Male Finance Cody Michael Merrill Finance Stefano Milo Finance Sean C. Nevarez Finance Antonios Pothoulakis Accounting Hao Qi Finance Xinyi Qu Accounting Matthew Joel Schklair Marketing Thomas Sanborn Byrne Shelton Risk Management and Insurance **Rex Thomas Simmons III** Accounting Michael Benjamin Smith Management Bethany Michele Sweeney Marketing

### IN BOBBY B. LYLE SCHOOL OF ENGINEERING

DEGREE OF BACHELOR OF ARTS

James Turner Hopper, Jr. Computer Science

DEGREE OF BACHELOR OF SCIENCE

Kirtsen Marrisa Gary Management Science David Andrew Peterman Computer Science Amy Torres Management Science

DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Kevin E. Grenier Tyler Benjamin Henrichs Christopher Warren Thayer DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Luz Stephany Arrieta Tariro Nicole Machaka

DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Caleb Gunnar Chouffet Stephen William Dunnigan Andrew R. George Thomas Perry Waters II

## IN ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

Degree of Bachelor of Science

Taylor Christine Anderson Applied Physiology and Sport Management William Addison Appleby Applied Physiology and Sport Management Nadia Lynn Atiya Applied Physiology and Sport Management Katrina Louise Beavers-Gutierrez Applied Physiology and Sport Management Deah Berry Mitchell Applied Physiology and Sport Management Christopher Gervaise Donnelly Applied Physiology and Sport Management Julian Rees Fletcher Applied Physiology and Sport Management Jeremy Donte Gray Applied Physiology and Sport Management Shelby L. Hartweck Applied Physiology and Sport Management

Chayse R. Joubert Applied Physiology and Sport Management Kendrick Lyn Koch Applied Physiology and Sport Management Ryanne A. Lewis Applied Physiology and Sport Management Dan Le Nguyen Applied Physiology and Sport Management Vida Carolyne Samei Applied Physiology and Sport Management Mackenzie L. Scovill Applied Physiology and Sport Management Lindsay Danielle Strafuss Applied Physiology and Sports Management Ricmonds Vilde Applied Physiology and Sport Management



In 1911, a Methodist education commission made a commitment to establish a major Methodist university in Texas. More than 600 acres of open prairie and \$300,000 pledged by a group of Dallas citizens secured the university for Dallas, and it was chartered as Southern Methodist University. In appreciation of the city's support, the first building to be constructed on the campus was named Dallas Hall. It remains the centerpiece and symbol of SMU. When the University opened in 1915, it consisted of two buildings, 706 students, a 35-member faculty and total assets of \$636,540. The original schools of SMU were the College of Arts and Sciences, the School of Theology and the School of Music.

SMU is owned by the South Central Jurisdiction of the United Methodist Church. The first charge of its founders, however, was that it become a great university, not necessarily a great Methodist university. From its founding, SMU has been nonsectarian in its teaching and committed to the values of academic freedom and open inquiry.

Today SMU offers a comprehensive curriculum through Dedman College of Humanities and Sciences – and six schools: Meadows School of the Arts, Edwin L. Cox School of Business, Bobby B. Lyle School of Engineering, Perkins School of Theology, Dedman School of Law and Annette Caldwell Simmons School of Education and Human Development.

The University offers more than 110 undergraduate majors, master's degrees in more than 120 areas, Ph.D. degrees in 28 fields and over 45 certificate programs. Enrollment for the spring 2013 term was 10,393, including 5,954 undergraduate students and 4,439 graduate students. SMU students come from all 50 states, the District of Columbia, Puerto Rico and 96 countries. About 77 percent of first-year students received some form of financial assistance for spring 2013. About 36 percent of the student body are minorities; 77 percent of undergraduates and 53 percent of graduate students report religious affiliation: 17 percent are Roman Catholic and 11 percent are Methodist. Also represented in the student body are other Protestant denominations and other religions, including Judaism, Buddhism, Islam and Hinduism.

In addition to preparing students for graduate and professional schools, or more directly for their life's work, the University strives to enhance their social, moral, intellectual and religious development so that they may lead worthy lives as individuals and citizens of the nation and of the world. The academic procession and the regalia worn by the faculty and officers of the University symbolically represent the continuing link between the modern American university and the founding of the great medieval universities in Europe chief among them Bologna, Paris and Oxford. As those institutions were derived from the Catholic Church, the universities adopted many of the ceremonial trappings of the church in their official public functions.

The mace of the University, a symbol of the authority vested in the president by the Board of Trustees and representing the covenant between the president and the faculty, is borne by the president of the Faculty Senate. Though the order of the procession varies from university to university, at SMU it proceeds from the chief marshal through the ranks of the faculty and the officers of the University to the president, who is preceded by the mace-bearer.

The caps and gowns worn in the procession also vary from place to place. There are variations in design to indicate the degrees held by the wearers, and many universities in America have introduced colorful gowns and other distinguishing details (in place of the customary clerical black from which all originated). The caps, too, vary according to the customs of the university from which the wearer received a degree. While most American universities Chief Marshal Emeritus adopted the "mortarboard" style of Oxford,

others have chosen styles based on other European institutions. The color of the tassel worn with the cap may be black for any degree, or the color may be that of the faculty of the major field of learning (e.g., Arts, Engineering, Law). Persons holding doctoral degrees and governing officials of institutions are entitled to wear tassels of gold metallic thread.

Within the great varieties of styles and colors in gowns and caps, there has been one universally accepted code for the hood worn trailing down the wearer's back. Originally, it was like the hood on the habit worn by monks and very useful for protection against the weather and even for begging for alms. Nowadays, the hood through length and color shows the degree and the specialization of the wearer, and the university that granted the degree.

Through these colorful ceremonies, SMU symbolically displays the continuity of its educational purposes with the origins of organized learning in the Western world.

Thomas R. Arp Associate Professor Emeritus of English

Lorn L. Howard (1917-2012) Professor Emeritus of Electrical Engineering Candidates for degrees at SMU are robed in custom regalia, specially designed to incorporate SMU's colors and symbols.

The doctoral gown in dark blue includes velvet chevrons on each of the bell sleeves. The gown is marked by velvet panels down the front and around the neck. The front panels are embroidered in gold thread with the SMU seal, and gold braid outlines the chevrons and panels. It is cut much fuller than the other gowns and may be ornamented in color. Replacing the traditional mortarboard, an eightsided, crimson red velvet tam with a gold silk tassel completes the regalia.

The master's gown, also in dark blue, has a front yolk outlined in red braid, and the SMU seal is embroidered in red on the left side. Like traditional master's robes, gowns are arranged so that the arm emerges from a long sleeve through a slit at the wrist. A mortarboard with a colored tassel representing the discipline in which the degree is earned also is worn. Doctoral and master's candidates wear hoods that are 3½ feet long and 4 feet long, respectively. The velvet trimming, in the same order, is 3 inches wide and 5 inches wide. The color of the trim identifies the faculty. A partial list of faculty colors follows: Arts, Letters, Humanities – White; Music – Pink; Business – Drab; Philosophy – Dark Blue; Engineering – Orange; Science – Golden Yellow; Fine Arts – Brown; Theology – Scarlet; Law – Purple. The lining of the hood – that portion most visible from the rear – indicates the institution awarding the degree. SMU's hood lining is blue with red chevron.

The bachelor's gown in dark blue has the traditional characteristics of a bachelor's robe, including full front pleats and balanced fluting. Its distinguishing characteristics are the long pointed sleeves. A red silk stole embroidered in blue with the SMU seal is worn across the shoulders. Bachelor's gowns are worn with a tassel and mortarboard.

SMU's regalia visually honor the University's traditions and spirit, which we celebrate this morning.



Chains of office, also known as collars, were used as badges of office in the Middle Ages. Today they are custom-designed metal necklaces worn by the president during academic ceremonies as part of his or her regalia.

The chain of office designed for the 10th president of SMU, R. Gerald Turner, is made of bronze, a strong and durable metal. The medallion of the necklace is dominated by the University seal design, just as the seal is the centerpiece in the floor of the Rotunda in Dallas Hall, SMU's historic first building.

The seal is an appropriate choice for the design of the medallion because it represents the president's responsibility to the sound education of each and every student at SMU. Each first-year and transfer student passes through Dallas Hall and views the University seal on his or her processional entry into the University at Opening Convocation. Upon graduation, students reverse the process during the Rotunda Recessional ceremony at the conclusion of the Baccalaureate Service during May Commencement weekend.

The bail, joining the medallion and the chain, represents the institution's bond between the faculty and the student body. Equally, the 32-inch chain, a work of art whose two ends are clasped together, represents the joining of the desire to teach and the eagerness to learn demonstrated by SMU's faculty and students.

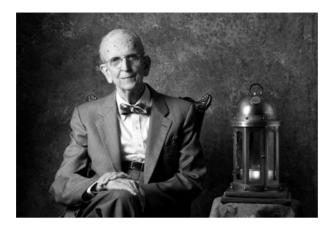


Staffs that call groups to order are as old as civilization itself. Today's ceremonial maces descend particularly from medieval armor-piercing clubs topped by bludgeoning balls. These fierce weapons swiftly acquired symbolic meaning. By the 14th century, a mace, carried at the front of formal processions, required bystanders to note the authority and integrity of the event. In the 16th century, this formidable weapon lost its battle utility but took a symbolic turn: the spiked head evolved into a decorative orb. The European tradition by which universities presented maces on solemn occasions to signify their independence and protective power was adopted by their successors worldwide. The mace-bearer, who is the president of the Faculty Senate, leads formal ceremonies carrying this visible reminder of the University's history and status.

The 22-pound mace currently in use at SMU is linked to the inauguration of President Willis M. Tate (1954–1972, and 1974–75) and is known as the Tate Mace. The 57-inch staff is topped by a 10<sup>1</sup>/<sub>2</sub>-inch orb that represents not only the University's worldly authority but also echoes its distinctive neoclassical style. The orb is impressed with the seal of the University and is encircled with SMU's motto, *Veritas Liberabit Vos* ("The truth will make you free"). Surmounting the orb is a cross painted vividly in SMU red, a reminder of SMU's religious heritage.

The designer and manufacturer of the Tate Mace are unknown. The mace had become heavily worn from 50 years of use and handling, and in 2008 it was totally refurbished under the direction of Project Manager Fred Banes by SMU's Office of Planning, Design and Construction.

History based on citation prepared by Alvina Bonnie Wheeler, associate professor of English.



The Howard Lantern is dedicated to Professor Lorn Lambier Howard, chief marshal *emeritus* of SMU from 1978-1987, in honor of his role in shaping the traditions and protocol of SMU's modernday academic ceremonies. Designed in 2008 and crafted out of steel, aluminum and water glass, the lantern symbolizes the Rotunda of Dallas Hall, the University's oldest building and centerpiece of the campus. Engraved around the base is the University's motto, *Veritas Liberabit Vos*, which means "The truth will make you free."

Around the top band are the words to "Varsity," SMU's alma mater. Each year during the May Baccalaureate Service, this lantern is handed down by the senior class president to a representative of the junior class, a symbolic passing of the light that sustains our University. The Howard Lantern serves as a reminder of the important traditions that make up our corporate University life and the light of learning and intellectual curiosity that shines within the students, faculty and staff here at SMU.

## MORTAR BOARD

The SMU chapter of Mortar Board thanks you for purchasing flowers today to support its activities. Mortar Board is a national honor society of senior students recognized for the accomplishments of both academic excellence and service to the community. Proceeds from the flower sale will enable students to conduct numerous service-oriented activities during the year. In addition to student and faculty recognition events, members plan to sponsor a book drive in keeping with the national theme "Reading Is Leading."

## LEAVE A MARK ON THE HILLTOP THAT CELEBRATES YOUR GRADUATE'S ACCOMPLISHMENT

SMU is pleased to offer graduating seniors and their families the opportunity to be recognized with an etched paver on SMU's Centennial Promenade, to be constructed on Ownby Drive for the 100th anniversary of SMU's opening in 2015. By making a special \$100 gift, you can leave a legacy for future generations and celebrate the promise of the University's next 100 years.

Make your mark at smu.edu/paver.

Questions? 214-768-4525 or donorrelations@smu.edu

## SMU OFFICE OF NATIONAL FELLOWSHIPS AND AWARDS

SMU STUDENTS WINNING NATIONAL FELLOWSHIPS AND AWARDS 2011-2013

Matthew Gaver, Public Policy Truman Scholar 2011-2013 Matthew Rispoli, Physics National Science Foundation, Graduate Research Fellowship 2013 Kent Fischer, Chemistry Goldwater Scholar 2011-2013 Eric Alt, Chemistry Goldwater Scholar 2013-2014 Janice Kim, Biological Sciences Goldwater Scholar Honorable Mention 2013 Cameron Woolley, Philosophy Jack Kent Cooke Undergraduate Transfer Scholar 2012–2013 Han Na Kim, Political Science Fulbright ETA to Korea, 2013-2014 Megan B. Hinrichsen, graduate Anthropology Fulbright Grant to Ecuador, 2012-2013 Roza Essaw, Human Rights Mortar Board National Fellowship Eric Alt, Chemistry DAAD RISE Fellowship to Germany, 2013 Cristina Sanders, Biochemistry U.S. Department of State internship in Paris, spring 2013 Rahfin Faruk, Public Policy U.S. Department of State internship, summer 2013 Julianna Bond, Management Critical Language Scholarship 2013 Brandon Bub, History Fellow to Center for the Study of the Presidency and Congress 2013-2014 Brittany L. Taylor, Political Science Fellow to Center for the Study of the Presidency and Congress 2012-2013 Hiba Ibad, Biochemistry Summer Undergraduate Research Fellowship (SURF) 2012 Roman Stolyarov, Biochemistry Summer Undergraduate Research Fellowship (SURF) 2012 Sara Kendrick, Biological Sciences Summer Undergraduate Research Fellowship (SURF) 2013 Vy Tuong Nguyen, Biochemistry Summer Undergraduate Research Fellowship (SURF) 2013 Haley Johnson, Biological Sciences Joint Admission Medical Program (JAMP) 2013 Edgar D. Rodriguez, Pre-major Joint Admission Medical Program (JAMP) 2013 Justin J. Thomas, Psychology Joint Admission Medical Program (JAMP) 2013 Amie Hazama, Accounting Gilman Scholarship 2013 to Spain Karissa Johman, Advertising Gilman Scholarship 2013 to Argentina Gabriella Padgett, Mathematics Gilman Scholarship 2013 to China Hannah Haghayeghi, French French Government Teaching Assistantship 2013-2014, Dijon Brittany Luberda, graduate Art History French Government Teaching Assistantship 2013-2014, Versailles Jose Campos, Economics French Government Teaching Assistantship 2012-2013 Sanaz Talaifar, French French Government Teaching Assistantship 2012-2013

E. Jewel Lipps, Chemistry National Science Foundation, REU Undergraduate Research 2013

Maeve Skidmore, graduate Anthropology Dumbarton Oaks Junior Fellow, 2012

Carina Heckert, graduate Anthropology Wenner-Gren Grant to Bolivia, 2013

## SMU ENGAGED LEARNING

The mission of Engaged Learning is to provide an institutional framework for undergraduates to deepen their SMU education through capstone-level learning beyond the classroom, in research, service, internships and creative work, on-campus and in local and global communities. For more information, visit smu.edu/EngagedLearning.

ENGAGED LEARNING PROJECTS COMPLETED APRIL 15, 2013

Aden Abiye, candidate for the degree of Bachelor of Arts in Economics and Markets and Culture Student Engagement Project: "Life Skills Training Program"

Juan Castillo, candidate for the degree of Bachelor of Fine Arts in Art Studio Student Engagement Project: "Painting in the Park"

**Claire Coogan,** *candidate for the degree of Bachelor of Science in Biochemistry* Student Engagement Project: "Diagnosis and Prevention of Metabolic Diseases in D. Melanogaster"

- Jean Paul Destarac, candidate for the degree of Bachelor of Arts in Markets and Culture and for the degree of Bachelor of Science in Economics with Financial Applications Student Engagement Project: "The Origins of the Euro Debt Crisis"
- **Roza Essaw,** candidate for the degree of Bachelor of Arts in Corporate Communication and Public Affairs, Human Rights and Political Science Student Engagement Project: "Recovery and Reconstruction: An Assessment of Rwanda's Human Rights Situation in the Aftermath of the Genocide"
- Afomia Hailemeskel, candidate for the degree of Bachelor of Fine Arts in Theatre Student Engagement Project: "Project: Girl"
- Laura Israel, candidate for the degree of Bachelor of Arts in English and Psychology Student Engagement Project: "Life Satisfaction in Gifted College Students"
- Katherine Jones, candidate for the degree of Bachelor of Science in Economics with Financial Applications Student Engagement Project: "Environmental Restoration in Amazon, Ecuador"
- Janielle Kastner, candidate for the degree of Bachelor of Arts in English and for the degree of Bachelor of Fine Arts in Theatre Student Engagement Project: "Project: Girl"
- Andrew Lin, candidate for the degree of Bachelor of Science in Biology and Geology Student Engagement Project: "Anatomical description and phylogenetic analysis of Miocene beaked whale from the East African Rift Valley, Kenya"
- Kathleen Masterson, candidate for the degree of Bachelor of Science in Geology Student Engagement Project: "Petrified Wood Survey of Land Adjacent to Petrified Forest National Park"

Austin McBride, candidate for the degree of Bachelor of Science in Economics with Financial Applications Student Engagement Project: "ACCEPTED: How Pre-Law Programs Influence Law School Admittance"

Kimberly Mendoza, candidate for the degree of Bachelor of Arts in Chemistry and Spanish and for the degree of Bachelor of Science in Biology Student Engagement Project: "Health, Science, Tradition and the Maya"

**Pamela Nickell**, candidate for the degree of Bachelor of Arts in International Studies and Spanish Student Engagement Project: "Business Spanish Certification Program and the Concept of Test Validity"

**Miranda Parham**, *candidate for the degree of Bachelor of Fine Arts in Theatre* Student Engagement Project: "The Chick Industry"

Pascual Pellegrino, candidate for the degree of Bachelor of Arts in International Studies and Political Science Student Engagement Project: "Undocumented Students"

Jacqueline Ross, candidate for the degree of Bachelor of Arts in Corporate Communication and Public Affairs Student Engagement Project: "Mixed Race Students and Today's College Campus"

**Dylan Smith**, candidate for the degree of Bachelor of Arts in English with Creative Writing Specialization Student Engagement Project: "Home and Again"

**Menalco Solis,** candidate for the degree of Bachelor of Arts in International Studies and Political Science Student Engagement Project: "Immigration Reform: Understanding the Debate"

Rachel Stonecipher, candidate for the degree of Bachelor of Arts in Anthropology and Film Student Engagement Project: "Taking the Work Seriously' in a Humanitarian Crisis: The Communicability of Experience in Arizona Desert Aid Work"

Michael Tran, candidate for the degree of Bachelor of Science in Math Student Engagement Project: "Asian Carp Could Help Us Solve Hunger Problem"

Katie Ye, candidate for the degree of Bachelor of Business Administration in Finance Student Engagement Project: "Little girls should be seen and not heard:' How Female Gender Stereotypes Influence Upward Communication in Educational Institutions"

## THE DAY'S EVENTS

#### DIPLOMA PRESENTATION CEREMONIES

#### DEDMAN COLLEGE OF HUMANITIES AND SCIENCES

#### HALF PAST TWELVE IN THE AFTERNOON

Bio-Chemistry and Chemistry – The Martha Proctor Mack Grand Ballroom, Umphrey Lee Earth Sciences – The Walsh Room, Underwood Law Library Mathematics, Statistical Science and Physics – Hughes-Trigg Theater Religious Studies – The Hillcrest Room, Underwood Law Library

#### ONE IN THE AFTERNOON

Philosophy – Karcher Auditorium, Storey Hall Political Science, International Studies, Latin American Studies and Public Policy – Caruth Auditorium Sociology and Markets and Culture – Hughes-Trigg Ballroom

#### TWO IN THE AFTERNOON

Anthropology – The Martha Proctor Mack Grand Ballroom, Umphrey Lee History, Human Rights and Ethnic Studies – Hughes-Trigg Theater

#### THREE IN THE AFTERNOON

World Languages and Literatures – Caruth Auditorium, Owen Arts Center Psychology – Hughes-Trigg Ballroom

#### FOUR IN THE AFTERNOON

Biology – Hughes-Trigg Theater Economics – McFarlin Auditorium English – The Martha Proctor Mack Grand Ballroom, Umphrey Lee

## Annette Caldwell Simmons School of Education and Human Development

**ONE IN THE AFTERNOON** Highland Park United Methodist Church, Wesley Hall A reception follows immediately in Annette Caldwell Simmons Hall Atrium

#### BOBBY B. LYLE SCHOOL OF ENGINEERING

#### HALF PAST ONE IN THE AFTERNOON

McFarlin Memorial Auditorium A reception will be held at 3:30 p.m. in the First Floor Mabee Foundation Foyer of Caruth Hall

#### EDWIN L. COX SCHOOL OF BUSINESS

### HALF PAST ONE IN THE AFTERNOON

Undergraduate Ceremony, Historic Main Quadrangle A reception follows immediately in the courtyard of the Cox School of Business

#### HALF PAST THREE IN THE AFTERNOON

Graduate Ceremony, Historic Main Quadrangle A reception follows immediately in the Collins Center

#### PERKINS SCHOOL OF THEOLOGY

#### TWO IN THE AFTERNOON

Highland Park United Methodist Church A reception follows immediately in the Great Hall of Elizabeth Perkins Prothro Hall

#### DEDMAN SCHOOL OF LAW HOODING CEREMONY

### HALF PAST SIX IN THE EVENING

Law School Quadrangle A reception follows immediately in Karcher Auditorium of Storey Hall

#### MEADOWS SCHOOL OF THE ARTS

#### HALF PAST SIX IN THE EVENING

Owen Arts Center – Outside A reception begins at 4 p.m. in Greer Garson Theatre

#### SMU MAIN CAMPUS

Bobby B. Lyle School of Engineering 1:30 p.m. McFarlin Auditorium *Reception follows in Caruth Hall, Lower Level* 

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Economics 4 p.m. McFarlin Auditorium

The Guildhall at SMU 6 p.m. Friday, May 17, 2013 Building 3 SMU-in-Plano Campus Anthropology 2 p.m. Martha Proctor Mack Grand Ballroom Umphrey Lee Center

Biochemistry and Chemistry 12:30 p.m. Martha Proctor Mack Grand Ballroom Umphrey Lee Center

English 4 p.m. Martha Proctor Mack Grand Ballroom Umphrey Lee Center

Tram Route

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Meadows School of the Arts 6:30 p.m. Owen Arts Center (Outdoors) Reception precedes ceremony at 4 p.m. at the Greer Garson Theatre

Annette Caldwell Simmons School of Education and Human Development 1 p.m. Highland Park United Methodist Church, Wesley Hall *Reception follows in Simmons Hall* 

Perkins School of Theology 2 p.m. Highland Park United Methodist Church, Sanctuary Reception at 3:30 p.m. in the Great Hall of Elizabeth Perkins Prothro Hall

US 75 Central Expwy

All-University May Commencement Convocation 9 a.m. Historic Main Quadrangle

Cox School of Business-Undergraduate 1:30 p.m. Historic Main Quadrangle Reception follows in the Cox Courtyard

Cox School of Business-Graduate 3:30 p.m. Historic Main Quadrangle Reception follows in the Collins Center

University Blvs

Earth Sciences 12:30 p.m. The Walsh Room, Underwood Law Library

Religious Studies 12:30 p.m. The Hillcrest Room, Underwood Law Library

Athens Ave

Philosophy 1 p.m. Karcher Auditorium, Storey Hall

> Dedman School of Law Hooding Ceremony 6:30 p.m. Law School Quadrangle Reception follows at Karcher Auditorium in Storey Hall

Biology 4 p.m. Hughes-Trigg Theatre

History and Ethnic Studies 2 p.m. Hughes-Trigg Theatre

Mathematics, Statistical Science and Physics 12:30 p.m. Hughes-Trigg Theatre

Psychology 3 p.m. Hughes-Trigg Ballroom

Sociology and Markets and Culture 1 p.m. Hughes-Trigg Ballroom

Political Science, International Studies, Latin American Studies and Public Policy 1 p.m. Caruth Auditorium, Owen Arts Center

World Languages 3 p.m. Caruth Auditorium, Owen Arts Center

#### THE STAR SPANGLED BANNER

Oh, 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. Oh, say does that star-spangled banner yet wave O'er the land of the free and the home of the brave?

#### VARSITY

Oh we see the Varsity, Varsity, Varsity, As she towers o'er the hill Over there. And our hearts are filled with joy, SMU, SMU, Alma Mater, we'll be true Forever!

SMU will not discriminate in any employment practice, education program, or educational activity on the basis of race, color, religion, national origin, sex, age, disability, genetic information, or veteran status. SMU's commitment to equal opportunity includes nondiscrimination on the basis of sexual orientation and gender identity and expression. The Associate Vice President, Office of Institutional Access and Equity, has been designated to handle inquiries regarding the nondiscrimination policies.



A private university with seven degree-granting schools, SMU is a distinguished center for teaching and research located in the heart of Dallas. SMU's 11,000 students benefit from small classes, leadership opportunities and its international reach.