TEXAS A&M UNIVERSITY

Commencement

December 17, 2022, 9 a.m.
The audience is asked to stand for the procession. As a courtesy to the graduating class, guests are requested to refrain from leaving until after the recessional.
TEXAS A&M UNIVERSITY
COMMENCEMENT

Program

Master’s and Doctoral Degree Commencement and Hooding Ceremony

Saturday, December 17, 2022, 9 a.m.
Reed Arena

Processional
The National Anthem
Invocation
Student Expression of Appreciation
Greetings and Authorization to Confer Degrees
Presentation of Degree Candidates and Conferring of Degrees
Roll Call of Graduates
Induction into The Association of Former Students
“The Spirit of Aggieland”
Recessional
Faculty Marshals

Mace Bearer
Dr. Nagamangala K. Anand, Vice President for Faculty Affairs

Stage Party
Dr. Rob Dixon, Communications Coordinator for Graduate and Professional School
Dr. Shannon Walton, Assistant Dean for Graduate and Professional School
Ms. Venesa Heidick, Registrar
Mr. Chris Reed, Executive Director of Admissions

Announcers
Mr. Mike Fitch, Admissions Counselor, Office of Admissions
Mr. Steve Fullhart, Manager, Brazos Valley Economic Development Corporation

The Texas A&M University System
Board of Regents

Mr. Tim Leach, Chairman .................. Midland
Mr. Bill Mahomes, Jr., Vice Chairman .................. Dallas
Mr. Robert L. Albritton .................. Fort Worth
Mr. James R. “Randy” Brooks .................. San Angelo
Mr. Jay C. Graham .................. Houston
Mr. Michael A. “Mike” Hernandez III .................. Fort Worth
Ms. Elaine Mendoza .................. San Antonio
Mr. Michael J. Plank .................. Houston
Mr. Cliff Thomas .................. Victoria
Mr. Demetrius L. Harrell, Jr. (Student Regent) ........ Palatka, Florida

Chancellor

Mr. John Sharp .................. Placedo

Texas A&M University Administrative Officers

President .................. Dr. M. Katherine Banks
Provost (interim), Vice President for Academic Affairs and Chief Academic Officer .................. Dr. Alan R. Sams
Dean, College of Agriculture and Life Sciences .................. Dr. Jeffrey W. Savell
Dean, School of Architecture (acting) ........ Dr. Patrick C. Suermann
Dean, College of Arts and Sciences (interim) .... Dr. José Luis Bermúdez
Dean, Mays Business School (interim) ........ Dr. Ricky W. Griffin
Dean, School of Dentistry .................. Dr. Lily T. Garcia
Dean, School of Education and Human Development .................. Dr. Michael A. de Miranda
Dean, College of Engineering (interim) .......... Dr. John E. Hurtado
Dean, Bush School of Government and
Public Service ........................... General Mark A. Welsh III (Ret.)
Dean, School of Law and Vice President for
Professional Schools and Programs .......... Mr. Robert B. Ahdieh
Dean, School of Medicine ...................... Dr. Amy L. Waer
Dean, School of Nursing (interim) .......... Dr. Susan M. McLennon
Dean, School of Performance,
Visualization and Fine Arts (interim) .... Mr. Timothy D. McLaughlin
Dean, Irma Lerma Rangel School of Pharmacy .... Dr. Indra K. Reddy
Dean, School of Public Health ............... Dr. Shawn G. Gibbs
Dean, School of Veterinary Medicine and
Biomedical Sciences .......................... Dr. John R. August
Dean and Chief Operating Officer,
Texas A&M University at Qatar ............. Dr. César O. Malavé
Dean, Graduate and Professional School and
Associate Provost (interim) .................... Dr. Fuhui Tong
Chief Operating Officer and
Senior Vice President ....................... Mr. Gregory W. Hartman
Chief Operating Officer and Senior Vice President,
Texas A&M Health ............................ Dr. Jon E. Mogford
Chief Operating Officer and Vice President,
Texas A&M University at Galveston ....... Colonel Michael E. Fossum (Ret.)
Chief Financial Officer and Vice President .... Mr. John W. Crawford
Chief Information Officer and Vice President for
Information Technology ...................... Mr. Edwin L. Pierson
Chief Compliance Officer and Vice President ... Mr. Kevin P. McGinnis
Executive Associate Vice President for Academic Affairs
and Chief Academic Officer of Texas A&M University
at Galveston and Associate Provost ........... Dr. Deborah Thomas
Vice President for Academic
and Strategic Collaborations ............... Dr. Susan G. Ballabina
Vice President and
Associate Provost for Diversity ............. Dr. Annie S. McGowan
Vice President for Brand Development .... Mr. Shane Hinkley
Vice President for University Advancement ....... Mr. Andy Acker
Vice President and Deputy CFO ............. Mr. Joseph P. Pettibon II
Vice President for Facilities, Safety,
and Security .............................. Mr. Stephen B. Franklin
Vice President for Faculty Affairs ........ Dr. Nagamangala K. Anand
Vice President for Government Relations .... Mr. Norman R. Garza, Jr.
Vice President for Human Resources and
Organizational Effectiveness ............... Mr. Damon Slaydon
Vice President for Research ................... Dr. Jack G. Baldauf
Vice President for
Student Affairs .................. Brigadier General Joe E. Ramirez, Jr. (Ret.)
Vice Provost of Student Success ............. Dr. Timothy P. Scott
University Librarian and Assistant Provost,
Texas A&M University Libraries ........... Ms. Julie A. Mosbo Ballestro
Commandant of the
Corps of Cadets .................. Brigadier General Patrick R. Michaelis (Ret.)
Candidates for Doctoral Degrees

Presented by Dr. Fuhui Tong
Interim Associate Provost and Dean

Graduate and Professional School

College of Agriculture and Life Sciences

Doctor of Education

Michael Roy Welch .......................... Agricultural Education
Record of Study: “Servant Leadership and U.S. Air Force Intelligence Officer Leadership Candidates”
Chair: Barry L. Boyd
Co-Chair: Amy Boren

Doctor of Philosophy

Yansoon Moneer Farhan Al-Jumaa ...................... Poultry Science
Chair: Christopher Bailey

Emilie Clare Baker ................................. Animal Breeding
Dissertation: “DNA Methylation Patterns in Prenatally Stressed Brahman Females”
Chair: David G. Riley

Borja Barbero Barcenilla ............................ Biochemistry
Dissertation: “Plant Telomere Oxidation: Bridging the Oxidative Stress Response and Chromosome Ends Through Pot1b and Space”
Chair: Jean-Philippe Pellois

Lance William Bauer ............................... Animal Breeding
Dissertation: “Evaluation of Correspondence of Feed Efficiency, Ultrasound Carcass, and Maternal Traits in Purebred Beefmaster Cattle”
Chair: James Sanders
Co-Chair: David G. Riley

Sarah Christine Brinkley ............................ Horticulture
Dissertation: “Pre- and Postharvest Effects on Coffee Quality”
Chair: Ioana Botezatu
Co-Chair: Leonardo Lombardini

Joseph Alan Burke ............................... Soil Science
Dissertation: “Benefits and Consequences of No-Tillage and Cover Crops in Semi-Arid Cotton Production”
Chair: Julie A. Howe
Co-Chair: Katie R. Lewis
Charlayna Ann Cammarata ................. Wildlife and Fisheries Sciences
Chair: William Grant
Co-Chair: Norman Dronen

Mustafa Cilkiz ......................... Molecular and Environmental Plant Sciences
Dissertation: “Molecular Mechanisms of Flowering Revealed by Systematic and Comparative Analysis of Transcriptomes in Chickpea and Related Species”
Chair: Hongbin Zhang

Haley Claire Collins .................... Animal Science
Dissertation: “Evaluation of White Blood Cell DNA Methylation as a Tool to Predict DNA Methylation of the Adrenal Axis in Prenatally Stressed, Mature Brahman Cows”
Chair: David G. Riley

Mark William Dinhobl .................. Agricultural Economics
Dissertation: “Parametric and Nonparametric Measurements of Rural and Urban Transit Efficiency”
Chair: James Mjelde

Bidemi Tokunbo Fashina ............... Soil Science
Dissertation: “Experimental and Computational Investigation of The Adsorption of Pyocyanin on Clay Minerals”
Chair: Youjun Deng

Tingfeng Guo ............................. Biochemistry
Dissertation: “Investigations Into the Relationship Between Metabolism and Morphogenesis in Bacillus subtilis”
Chair: Frank Raushel

John Christian Hitzelberger ............ Plant Breeding
Chair: Jane Dever
Co-Chair: David Stelly

Cheng Hu ................................. Plant Pathology
Dissertation: “Enhancing Lignin Renewable Carbon Fiber and Plastic Via Lignin Biosynthesis and Its Chemistry”
Chair: Yuan Dai
Co-Chair: Shuhua Yuan

Amanda Marie Jons ........................ Genetics
Dissertation: “Design Principles for Protein Biomaterials in Next-Generation Medicine”
Chair: Sarah Bondos

Akriti Khadka ......................... Recreation, Park and Tourism Sciences
Chair: Michael Schuett
Joan Theresa King ................................. Entomology
Dissertation: “Investigating the Molecular Basis of Host Manipulation by Phorid Fly Parasitoids on the Red Imported Fire Ant and Exploring How to Communicate Complex Topics in Entomology”
Chair: Edward L. Vargo

Katy Elizabeth Lane .............................. Agricultural Leadership, Education, and Communications
Chair: Theresa P. Murphrey

Lauren Amanda Lawless .......................... Nutrition
Dissertation: “The Effects of Prenatal Cadmium Exposure on Maternal, Fetal, and Offspring Health”
Chair: Ke Zhang
Co-Chair: Linglin Xie

Chujun Li ............................................ Entomology
Chair: Jeffery Tomberlin

Cameron Lee Martin ............................ Poultry Science
Dissertation: “Generation of Antibodies in Agricultural Species Using Classical and Novel Platforms”
Chair: Luc Berghman

Jaclyn Elizabeth Martin ............................. Entomology
Dissertation: “A Tale of Three Invasive Insect Pests: Exploring Control Mechanisms for the Potato Psyllid (Bactericera cockerelli), the Rice Water Weevil (Lissorhoptrus oryzophilus), and the Rice Delphacid (Tagosodes orizicolus)”
Chair: Julio Bernal

Katherine Marie Modrow .......................... Animal Science
Chair: Wesley N. Osburn

Karina Yazmine Morales .......................... Plant Breeding
Dissertation: “Blooming Diversity: Leveraging Genome Editing for Novel Diversity in Days to Flowering in Rice (Oryza sativa)”
Chair: Michael J. Thomson

Jackson V. Nielsen ............................... Agronomy
Dissertation: “Winter Cover Crops in Texas Corn and Grain Sorghum Production Systems”
Chair: Ronnie W. Schnell

Terry Lee Poehl ................................. Agricultural Leadership, Education, and Communications
Dissertation: “The Conceptualization of Leadership Behavior on Follower Job Performance and Organizational Culture: A Qualitative Case Study of Law Enforcement Leadership”
Chair: Jennifer Strong
Alexander Sterling Riegert ........................................ Biochemistry
Dissertation: “Biosynthesis of the Glucuronamide Moiety of the Capsular Polysaccharide of Campylobacter jejuni”
Chair: Tatyana Igumenova

Jose Carlos Santiago Gonzalez ........................................ Entomology
Dissertation: “Assessment of the Bt Resistance Allele Frequency, Effective Dominance, and Redundant Killing of Multiple Cry Resistance in Helicoverpa zea”
Chair: David L. Kerns
Co-Chair: Julio Bernal

Siwan Song .................................................. Agricultural Economics
Dissertation: “Essays on Food Insecurity Dynamics, Assistance Programs, and Healthy Eating”
Chair: Ariun Ishdorj

Zachary Daniel Steffensmeier ............................. Ecology and Evolutionary Biology
Dissertation: “Spatial Ecology of Imperiled Great Plains Fishes”
Chair: Joshua S. Perkin

Rohith Vulchi ............................................ Agronomy
Chair: Scott A. Nolte

Zhen Wang ................................................. Molecular and Environmental Plant Sciences
Dissertation: “Roles and Mechanisms of H3.1K27me1 Methyltransferases in Defense Against Virus in Arabidopsis”
Chair: Xiuren Zhang

Linqing Yang ................................................ Ecology and Conservation Biology
Dissertation: “Seasonality of Ecosystem Processes”
Chair: Asko Noormets

Ka Man Jasmine Yu ...................................... Biochemistry
Dissertation: “Developmental and Environmental Regulation of Bioenergy Sorghum Stem Growth”
Chair: Ping He

School of Architecture

Doctor of Philosophy

Shatha Mohammed A. Abdulmajeed ............................. Architecture
Dissertation: “A Qualitative Assessment of Biomimetic and Vernacular Approaches to Design for Future Extremely Hot Environments”
Chair: Stephen Caffey

Benjamin Edward Baaske ................................ Architecture
Dissertation: “Between Measure and Meaning: Exploring Expressions of ‘Third Table’ Emergence in Digital Cultural Objects”
Chair: Robert B. Warden
Maryam Mansoori  ............................................ Architecture
Dissertation:  “Toward Material-Driven Adaptive Architecture: An Exploration of Transformable Surfaces with Shape-Memory Behavior”
Chair:  Negar Kalantar Mehrjardi
Co-Chair:  Zofia K. Rybkowski

Amaryllis H. Park  ............................................. Urban and Regional Science
Dissertation:  “Planning for Child-Friendly Community: Neighborhood Environment and Children’s Mobility and Health”
Chair:  Chanam Lee

Zohreh Shaghaghian  ............................................ Architecture
Chair:  Wei Yan

Gia Octavia Alexander  ........................................ English
Dissertation:  “Scrivenography: A Study of the Material Culture of Writing in Victorian Britain”
Chair:  Maura Ives

Shahd B.S.A. Aljandal  ........................................ Oceanography
Chair:  Jason B. Sylvan

Scheherzad Alvi  ................................................ Chemistry
Dissertation:  “Dynamic Effects of Alkoxy Radicals”
Chair:  Daniel Singleton

Troy Joseph Arcomano  ........................................ Atmospheric Sciences
Dissertation:  “Machine Learning Applications For Weather and Climate Modeling”
Chair:  Istvan Szunyogh

Elham Azadbakht  ............................................... Physics
Dissertation:  “Comparison of Simulations and Data from Small High Voltage Single Crystal Detectors for Dark Matter Searches”
Chair:  David Toback

Kushal Bhavik Bakshi  ........................................ Neuroscience
Dissertation:  “Auditory Cortical Specializations for Bat Echolocation”
Chair:  Michael Smotherman

Anindito Satrio Baskoro  ........................................ Geology
Chair:  Ethan Grossman
Co-Chair:  Alan Z. Yu

College of Arts and Sciences

Doctor of Philosophy

Gia Octavia Alexander  ........................................ English
Dissertation:  “Scrivenography: A Study of the Material Culture of Writing in Victorian Britain”
Chair:  Maura Ives

Shahd B.S.A. Aljandal  ........................................ Oceanography
Chair:  Jason B. Sylvan

Scheherzad Alvi  ................................................ Chemistry
Dissertation:  “Dynamic Effects of Alkoxy Radicals”
Chair:  Daniel Singleton

Troy Joseph Arcomano  ........................................ Atmospheric Sciences
Dissertation:  “Machine Learning Applications For Weather and Climate Modeling”
Chair:  Istvan Szunyogh

Elham Azadbakht  ............................................... Physics
Dissertation:  “Comparison of Simulations and Data from Small High Voltage Single Crystal Detectors for Dark Matter Searches”
Chair:  David Toback

Kushal Bhavik Bakshi  ........................................ Neuroscience
Dissertation:  “Auditory Cortical Specializations for Bat Echolocation”
Chair:  Michael Smotherman

Anindito Satrio Baskoro  ........................................ Geology
Chair:  Ethan Grossman
Co-Chair:  Alan Z. Yu
Jericka S. Battle ............................ Psychology
Dissertation: “How Shifts in Power Affect Racial Attitudes”
Chair: Heather Lench
Co-Chair: Phia S. Salter

Chloe Jeanne Bennett ........................... Biology
Dissertation: “Exploring the RNA Landscape of the Post-Mating Response in Drosophila melanogaster”
Chair: Rodolfo Aramayo

Debora Berti ................................. Oceanography
Dissertation: “Micro to Nanoscale Investigation of Volcanic Glass Aqueous Alteration: The Cases of Rare Earth Mineralization and Remobilization in Texas Bentonite Deposits and Early-Stage Alteration of Galapagos Coastal Basalt”
Chair: Niall Slowey

Milan Brankovic ............................... Geophysics
Chair: Mark Everett

Peiyu Cai .................................. Chemistry
Dissertation: “Extending the Structural Diversity of Metal-Organic Frameworks (MOFs)”
Chair: Hongcai Zhou

Peng-Hsun Chen............................... Chemistry
Chair: Wenshe Liu

Chia-Chuan Cho ................................. Chemistry
Dissertation: “P188G Mutation Enhances Pyrrolysyl-tRNA Synthetase Activity and Stabilizes Full-Length Protein and Discovering Drugs Against SARS-CoV-2 MPRO and PLPRo”
Chair: Wenshe Liu

Kristen M. Consalvo ........................... Microbiology
Dissertation: “Elucidation of Eukaryotic Chemorepulsion Signal Transduction Pathways Identify Sex-Based Differences in Human Neutrophils”
Chair: Richard H. Gomer

Nicholas Isaac Cool .......................... Chemistry
Dissertation: “Dynamical Lattice Transformations in Metal Oxides for Applications in Thermochromic Fenestration, Desalination, and Regolith Matrix Transformation”
Chair: Sarbajit Banerjee

Maddox Rhys Dotson ........................ History
Chair: Albert Broussard

Alexander Louis Estrada ........................ Chemistry
Dissertation: “New Rhodium and Rhenium Coordination Chemistry: From Molecular Gyroscopes to Chiral Lewis Acids”
Chair: John Gladysz
Co-Chair: Janet Bluemel
Andrew M. Evans ............................................ Geography
Dissertation: “Climate and the Boreal Forest: Investigating Climatic Drivers and Effects of Climate Change at Multiple Scales”
Chair: Charles W. Lafon

Nafiseh Faghihi Renani ............................................ Psychology
Dissertation: “Social Influences on Implicit Causality and Consequentiality Judgements”
Chair: Jyotsna Vaid

Kenton R. Fisher .................................................. Geology
Dissertation: “The Role of Microbial Mats within Wet Aeolian Systems in Barrier Island Geomorphology”
Chair: Ryan C. Ewing

Robin L. Galloso .................................................. Anthropology
Dissertation: “Brazos Santiago’s Legacy: Implications of CRM on a Texas Maritime Landscape”
Chair: Donny Hamilton

Xiao Ge ......................................................... Oceanography
Dissertation: “Investigating Loop Current Deep Dynamics and Separation Events from a Coupled Ocean-Atmosphere Regional Model and In-situ Observations”
Chair: Steven Dimarco

Felix George, Jr. .................................................. Industrial/Organizational Psychology
Dissertation: “Identifying Profiles of Moral Personality That Are Maximally Associated with Pro-Organizational Unethical Behavior, Counterproductive Work Behavior, and Organizational Citizenship Behavior”
Chair: Winfred Arthur

Shannon M. Gonzenbach ......................................... English
Chair: Jennifer Wollock

Zhiying Hai ...................................................... Mathematics
Dissertation: “Linear Instability of Interfacial Hele-Shaw Flows of Viscoelastic Fluids”
Chair: Prabir Daripa

Joseph Viau Handy ............................................... Chemistry
Dissertation: “Interstitial Chemistry Of s-, p-, And d-Block Cations in Polymorphs Of V₂O₅: An Atomistic And Electronic Structure Perspective”
Chair: Sarbajit Banerjee

Mingze Huang ..................................................... Economics
Dissertation: “Estimation of Latent Correlations between Mixed Types of Measurements with Applications in Social-Economic Research”
Chair: Tatevik Sekhposyan
Co-Chair: Irina Gaynanova

Yibin Huang ....................................................... Geology
Dissertation: “Groundwater Quality Deterioration Driven By Urban Pumping in Mexico and Bangladesh”
Chair: Peter S. Knappett
Eileen Lanette Huey. Sociology
Dissertation: “Pleading Guilty until Proven Innocent: How Our Justice System Contributes to Wrongful Convictions”
Chair: Holly Foster

Trevor Bryan Jackson, Jr. Psychology
Dissertation: “Contributions of Cerebellar-Basal Ganglia Networks in Cortical Processing and Psychiatric Symptomology in Healthy, Community, and Clinical Samples”
Chair: Jessica Bernard

Yi Li. Atmospheric Sciences
Dissertation: “Shear Stress Conditions on Complex Terrain Surfaces: Basic Physics and Implementation”
Chair: Craig Epifanio

Andrea Martinez Aguirre. Biology
Dissertation: “Factors that Affect Clostridioales difficile Infections Using In Vivo and In Vitro Approaches”
Chair: Joseph A. Sorg

Zachary Michael Martinez. Chemistry
Chair: Marcetta Darensbourg

Qingjun Meng. Geophysics
Dissertation: “Exploring Physical Controls on Subduction-Zone Slip Processes and Inverting Seismic Data for Dynamic Stress Changes”
Chair: Benchun Duan

Sara Ann Milligan. Biology
Dissertation: “Elucidating Eukaryotic Chemorepulsion”
Chair: Richard H. Gomer

Anthony Uei Mu. Chemistry
Dissertation: “Controlling the Conformation of Π-Conjugated Organic Molecules Using Hydrogen Bond Interactions”
Chair: Lei Fang

Samuel Harrison Neely. Geology
Chair: Anne Raymond

Jared Scott Oliphint. Philosophy
Dissertation: “Employing Resources From Social Ontology, Conceptual Engineering, And Conceptual Ethics to Assess the Social, Agent-Dependent Features of Objects”
Chair: Christopher Menzel
Co-Chair: Jose Bermudez Ospina
Anthony R. Ramirez .................................................. Communication
Chair: Antonio La-Pastina
Co-Chair: Srividya Ramasubramanian

Robert Patrick Reed .................................................. Philosophy
Dissertation: “Anscombe, Obligation and Moral Motivation”
Chair: Linda Radzik

Timothy Regan .................................................. Clinical Psychology
Dissertation: “Examining the Viability of Video Game Interventions for Heavy Alcohol Drinkers”
Chair: Sherece Fields

Landon Jack Denson Sadler ........................................... English
Dissertation: “Time Will Tell: Dystopian Cultural Production and Queer Ethics of Care”
Chair: Vanita Reddy

Rachael Suzanne Shudde .............................................. Statistics
Dissertation: “Non-Local Priors for Bayesian Linear Regression Hypothesis Testing”
Chair: Valen Johnson

Terrence Pradakshana Sylvester ................................ Biology
Chair: Heath L. Blackmon

Amy Louise Tan ................................................ Biology
Dissertation: “Coordination of FGF, WNT, and HH for Sensory and Neural Patterning During Zebrafish Inner Ear Development”
Chair: Bruce Riley

David V. Tran ................................................ Chemistry
Dissertation: “Constructing Degradable Polymer Materials Through Chemical Transformations of Cyclic Ethers Derived From Natural Products With CI Feedstocks”
Chair: Karen Wooley

Michael Joseph Upchurch ........................................ Sociology
Dissertation: “Historical Residential Segregation in the Los Angeles Metropolitan Area: An Exploration of Location Attainment in 1940 L.A.”
Chair: Mark Fossett

Mariela Vazquez ................................................ Chemistry
Dissertation: “Core-shell Inverse Amphiphilic Molecular Terpolymer Bottlebrushes Towards Lubrication and Microelectronic Applications”
Chair: Karen Wooley
Shubham Dilip Verma. Physics
Chair: Rupak K. Mahapatra
Co-Chair: Bhaskar Dutta

Thomas Edward Walker III. Chemistry
Dissertation: “Fundamentals that Underpin Native Mass Spectrometry: A Study of Thermodynamics, Osmolytes, and Electrospray Ionization”
Chair: David H. Russell

Andrew Edward Whitley. Oceanography
Chair: Timothy Dellapenna
Co-Chair: Jens Figlus

Wenrui Zhong. Chemistry
Dissertation: “Mirror Image Nucleic Acid Probes for Microrna Detection and Live Cell Imaging”
Chair: Jonathan T. Sczepanski

Bush School of Government and Public Service
Doctor of Philosophy
Kyung Suk Lee. Political Science
Dissertation: “Political Elites, Mass Publics, and Nuclear Proliferation”
Chair: Matthew C. Fuhrmann

Yohan Park. Political Science
Dissertation: “Domestic Audiences and Public Signals in Militarized Crises”
Chair: Matthew C. Fuhrmann

School of Dentistry
Doctor of Philosophy
Faisal Alnashmy N Alshalawy. Oral and Craniofacial Biomedical Sciences
Dissertation: “Osterix - Positive Cell-Intrinsic IRE1?/XBP1 Signaling Regulates the Postnatal Bone Development and Bone Marrow Homeostasis”
Chair: Hongjiao Ouyang

Bikash Lamichhane. Oral and Craniofacial Biomedical Sciences
Dissertation: “The Role of Din in Murine Bone and Tooth Development”
Chair: Xiaofang Wang
School of Education and Human Development

Doctor of Education

Chelsea Pope Collins ........................................... Educational Administration
Record of Study: “Understanding Why Faculty of Color Choose to Teach at Independent Schools”
Chair: Jean Madsen

Jacklyn C. Davenport ........................................... Curriculum and Instruction
Record of Study: “Self-Regulated Strategy Development Writing Approach: A Single Fifth Grade Classroom”
Chair: Sharon D. Matthews
Co-Chair: Debra McKeown

Laura Marie Gallardo ........................................... Curriculum and Instruction
Record of Study: “Understanding the Needs of Beginning Career Technical Education Teachers as They Transition to the Classroom”
Chair: Michelle M. Kwok
Co-Chair: Karen E. Rambo

Raynaldo D. Gallardo ........................................... Curriculum and Instruction
Record of Study: “Human Connections: Adapting an Ethic of Care for Fostering the Growth of Student Teacher Relationships”
Chair: Mary Capraro
Co-Chair: Robert Capraro

Patrick W. Kelly ........................................... Curriculum and Instruction
Record of Study: “Before Students Hurt: Curriculum Supports for Social, Emotional, and Mental Development in Public Schools”
Chair: Michelle M. Kwok

Cassandra Rios Bailey ........................................... Curriculum and Instruction
Record of Study: “Key Instructional Strategies and Behaviors to Support Student Motivation and Learning in the High School STARR English Remedial Classroom”
Chair: Sharon D. Matthews
Co-Chair: Radhika Viruru

Julia Ana Schneider ........................................... Curriculum and Instruction
Record of Study: “Your Zip Code Is Not Your Destiny: High Performing Title I Elementary Schools in South Texas”
Chair: Robin A. Rackley
Co-Chair: Paul R. Hernandez

Ruthie Lynn Walker ........................................... Curriculum and Instruction
Record of Study: “Using a Mixed-Methods Needs Analysis of a Community of Stakeholders to Identify Perceptions of School Readiness”
Chair: Shaun D. Hutchins
Co-Chair: Michelle M. Kwok

Doctor of Philosophy

Matthew Bekins Bird ........................................... Kinesiology
Dissertation: “Markerless Motion Capture and Force Plates Utilizing Machine Learning and Its Utility to Identify Musculoskeletal Injuries in Marine Officer Candidates”
Chair: James Fluckey
Brianne Marie Breidenbach .......................... Kinesiology  
Dissertation: “The Influence of Calcium Propionate on Regulating Physical Activity”  
Chair: John T. Lightfoot

Sabarish Chandrasekaran ............... Educational Human Resource Development  
Dissertation: “Factors Influencing Learning Behavior Among Indian Technology Workers on H-1B Visas: Motivations and Barriers”  
Chair: Michael M. Beyerlein

Yun-Ling Chang ........................................... Counseling Psychology  
Dissertation: “The Perception and Experience of Sexual Harassment Among Female Chinese International Students and Their Relationship with Cultural Factors and Depression”  
Chair: Linda Castillo

Kimberly Ann Currens ............................... Curriculum and Instruction  
Chair: Cheryl J. Craig  
Co-Chair: Dianne Goldsby

Heather Marie Dulas ................................. Educational Psychology  
Dissertation: “Examining the Effectiveness and Quality of Employment-Related Social Skills Interventions for Individuals with Disabilities: A Quality Review, Meta-Analysis and Survey Investigation”  
Chair: Lisa Perrott  
Co-Chair: Carly B. Gilson

Yessenia Gamez ................................. Educational Psychology  
Dissertation: “Exploring the Influence of Virtual Mentoring and Coaching on In-Service Teachers”  
Chair: Fuhui Tong  
Co-Chair: Rafael Lara-Alecio

Chenxuan He ................................. Educational Psychology  
Dissertation: “Understanding the Role of Radicals in Chinese Character Acquisition for Non-Native Chinese Learners”  
Chair: Fuhui Tong

Megan Lee Higginbotham ...................... Educational Administration  
Dissertation: “Religious Coping in Female Undergraduate Sexual Assault Survivors”  
Chair: Glenda D. Musoba

Juliet Mariam Nyanamba .......................... Educational Psychology  
Dissertation: “Impact of Autonomy-Supportive Scientific Communities on Minority Students’ Well-Being”  
Chair: Jeffrey Liew  
Co-Chair: Paul R. Hernandez
Carlos Sepulveda, Jr. ..................... Educational Human Resource Development
Chair: Larry M. Dooley

Song Yi Shin ................................................ Kinesiology
Chair: Christopher Woodman
Co-Chair: Andreea Trache

Brian Anthony Young ....................... Educational Administration
Chair: Gwendolyn Webb-Johnson

Carlos Sepulveda, Jr. ..................... Educational Human Resource Development
Chair: Larry M. Dooley

Song Yi Shin ................................................ Kinesiology
Chair: Christopher Woodman
Co-Chair: Andreea Trache

Brian Anthony Young ....................... Educational Administration
Chair: Gwendolyn Webb-Johnson

College of Engineering

Doctor of Philosophy

Marwa Walid Fathy Abdelgawad ......................... Mechanical Engineering
Chair: Bilal Mansoor
Co-Chair: Arun R. Srinivasa

Javed Ali ....................................................... Electrical Engineering
Dissertation: “Phosphor in Glass Composite Fabrication on Glass Substrate using Pulsed Co2 Laser Sintering for White Light Applications”
Chair: Christi Madsen

Muhammad Ali .......................................... Civil Engineering
Dissertation: “Impact of Coupled Gas Migration Phenomena on Barriers for Highly Pollutant Wastes”
Chair: Marcelo-Javier Sanchez Castilla

Randy Ardywibowo ....................................... Electrical Engineering
Dissertation: “Learning under Data Irregularity and Uncertainty”
Chair: Xiaoning Qian

Sruthi Ashraf ................................................. Civil Engineering
Dissertation: “Categorizing Travelers Based on Travel Decisions: Impact on Freeways with Managed Lanes”
Chair: Mark Burris

Shyam Sundar Balasubramanian ..................... Mechanical Engineering
Dissertation: “Novel Fatigue Testing of Laser Powder Bed Fused Inconel 718”
Chair: Nguyen Hung
Co-Chair: Li-Jung Tai
Robert Benjamin Balerio ........................................ Nuclear Engineering
Chair: Lin Shao
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Chair: Gregory T. Reeves

Sayali Milind Belsare ............................................. Biomedical Engineering
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Chair: Gerard Cote

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Hamed Farahmand .................................................. Civil Engineering
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Juris Doctor

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Carlos Mariano Guerra ........................................... Law
Brian Romero ................................................................. Law

School of Medicine

Doctor of Medicine

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Tyler Nicole Fields ....................................................... Medicine
Yongchang Jang ........................................................ Medicine
Caleb Peter Shin ........................................................ Medicine
Jeyvikram Thirumavalavan .......................................... Medicine

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Dissertation: “Examining the Influence of Patient-Centered Communication in Promoting HPV Vaccine Acceptability Among U.S. Adults”
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College of Agriculture and Life Sciences

Presented by Dr. Craig J. Coates, Associate Dean

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Master of Agribusiness

Agribusiness

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William Barney Happy
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Riley Lauren Tittsworth
Jiangrong Zhu

Master of Science

Agricultural Economics

Yooyoung Ahn
Ashton Elizabeth Betchan

Department of Agricultural Leadership, Education, and Communications

Master of Agriculture

Agricultural Development

Allie Lynae Barrilleaux
Kristin Layne Nelson

Master of Science

Agricultural Leadership, Education, and Communications

Peyton Elizabeth Privett

Department of Animal Science

Master of Science

Animal Breeding

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Animal Science

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Agricultural Systems Management
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Ecosystem Science and Management
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Micaela Susan Finney  Samuel Zachary Howard

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Food Science and Technology
Elizabeth Iliana Chavez
Master of Science
Food Science and Technology
Katherine Tress Le Mere
Department of Horticultural Sciences

Master of Science
Horticulture

Qiuyi Fu
Chungkeun Lee

Department of Nutrition

Master of Science
Nutrition

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Department of Plant Pathology and Microbiology

Master of Science
Plant Pathology

Ashley Danielle Turner

Department of Poultry Science

Master of Agriculture
Poultry Science
Paul David Exley
Master of Science
Poultry Science
Brett D. Meisinger

Department of Rangeland, Wildlife and Fisheries Management

Master of Natural Resources Development
Natural Resources Development

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Kathryn Vogle

Master of Science
Wildlife and Fisheries Sciences

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Wildlife Science

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Alexander Heath Williams

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Master of Science

Agronomy

Mckenzie Jo Barth

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Plant Breeding

Kayla Ann Beechinor

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School of Architecture

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Master of Science

Construction Management

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Saurav Anand

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Vaibhav Vijay Andhere

Yasaman Arefazar

Nikku Elizaba Baji

Shreya Radheshyam Bang

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Sayed Amr Hossain Maghool

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Jason William Wooldridge
### Department of Landscape Architecture and Urban Planning

#### Master of Land and Property Development

**Land and Property Development**

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<td>Megan Hulsey</td>
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<tr>
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<td>Austin Robert Lynch</td>
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<td>Frank Thomas Blackwood</td>
<td>John L. Marchman</td>
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<tr>
<td>Austin Bryant Candy</td>
<td>John Carlisle McDavid V</td>
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<tr>
<td>Creager Holcomb Davis</td>
<td>Daniela Molina Arce</td>
</tr>
<tr>
<td>Meagan Mylan Dinh</td>
<td>Keaton Alan Thorin</td>
</tr>
<tr>
<td>Chase Kelley Embree</td>
<td>Niko Stefon Waldon</td>
</tr>
<tr>
<td>Rosemary Gong</td>
<td>Ethan S. Zenzen</td>
</tr>
</tbody>
</table>

#### Master of Urban Planning

**Urban and Regional Planning**

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
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<tbody>
<tr>
<td>Regina Marivel Alvarez</td>
<td>Arthur O’Neal Chambers</td>
</tr>
<tr>
<td>Marisa Renee Brewer</td>
<td>Keven Sandoval</td>
</tr>
</tbody>
</table>

### College of Arts and Sciences

Presented by Dr. Adam R. Seipp, Associate Dean

#### Department of Anthropology

**Master of Science**

**Maritime Archaeology and Conservation**

Peyton William Harrison

#### Department of Atmospheric Sciences

**Master of Science**

**Atmospheric Sciences**

Daniel Richard Jellis          Kyle Ray Shores

#### Department of Biology

**Master of Science**

**Biology**

Tamika Shonna Harford
Microbiology

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Stephen Oluwafemi Oderinde

Celeste Renee Warnke

Department of Chemistry

Master of Science

Chemistry

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Ami Kiran Patel
Joseph K. Puthenpurayil

Chesley Marie Rowlett
Erik Robert Straume
Jonathan Thomas Whisenant

Department of Communication and Journalism

Master of Arts

Communication

Alyssa Jade Hooks

Department of Economics

Master of Science

Economics

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Jack Everts Bedell
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Yifan Chen
Skyler Thomas Christian
Diego Rafael
Cienfuegos Marroquin
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Mariwan Mutala-Mohammed
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Nezih Ozsoy
Dillard Coe Pace
Daniel C. Penoyer
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Lauren Yvonne Reid
Devon Lane Ritchie
Christian Siauw Santosa
Blake Matthew Slinkard
Russell Thomas Taylor
Sze Pui Tong
Michael Tsai
Avie Vaidya
Guanning Wang
Kaiyuan Wang
Rui Zhang
Department of Geography

Master of Geoscience

Geoscience

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Samantha Shanee Lockhart
Bruce Alan Martin, Jr.

Alberto Ortega
Karina Marie Riches
Shana Beth Swirin-Miles
Alexander Michael Turkasz
Briana Nicole Vargas

Master of Science

Geography

Julia Marie Hillin

Master of Water Management

Water Management and Hydrological Science

Bruce Kutscher Waters

Department of Geology and Geophysics

Master of Science

Geology

Emily Shae Dye
Leah Nicole Evans

Department of Mathematics

Master of Science

Data Science

Yutae Lee

Mathematics

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Trevor Michael Egan
Matthew Cole Enderle
Rebekah Lynn Londene

Rebekah N. Meece
Roshan Babu Thapa
Guadalupe Valles III
Department of Oceanography

Master of Geoscience

Geoscience

Alejandra Ortiz

Master of Ocean Science and Technology

Ocean Science and Technology

Christopher Phillip Jackson

Master of Science

Oceanography

Jacob Samuel Arnold

Department of Physics and Astronomy

Master of Science

Astronomy

Kaitlin Webber

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Physics

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Matthew Choongwon Lee
Kassie Scott Marble
Cameron Scott Parker

Department of Psychological and Brain Sciences

Master of Science

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Bridget Woodbury
Department of Sociology

Master of Science

Sociology

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Department of Statistics

Master of Science

Data Science

Aisha Aslam Akhai
Benjamin Michael Klein

Vedprakash Sahu

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Briana Elizabeth Russo
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Elizabeth H. Schneider
Sirena Catherine Schnieders
Jackson T. Smith
Jing Wang
Jason Roderic Wooleyhan
Emma Zemler
Jiahong Zhou

Bush School of Government and Public Service

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Department of International Affairs

Master of International Affairs

International Affairs

Olivia Rose Cretella
Maddison Danae Gold

Caroline Marie Russell
Master of International Policy

International Policy

Joe Loren Brewer
Johnnie Cee Roberts

Department of Public Service and Administration

Master of Public Service and Administration

Public Service and Administration

Steven Craig Ash
Kevin Hamilton Berry, Jr.
Charles Lamont Bondurant
Pal Yogeshbhai Brahmbhatt
Stephanie Lee Brown
Heather Danielle Browning
Lincoln Edward Crowder
David Ray Gene Dedo
Michael Scott Green
Tracy Lynn Harrison
Jared R. Harwell
Christopher Daniel Hornburg
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James Richard Jones
Christopher Lawrence Kelley
Matthew Simon Kiel
Marilynn Eve Larson

Donna Le
Hansol Lee
Joseph James Mabry
Jose Antonio Mathews, Sr.
Stephanie J. Mcardle
Edward Joseph Noonan II
Byron Heath Norris
Daniel Jared Owens
Bartlett James Priest
Stephanie Nichole Reyes
Justin Michael Saint-Jacques
Paul Scheckman
William Kyle Taylor
Jerrett K. Williams
David Lee Wilson
Jennifer Michele Young
Miles Grayson Young

Mays Business School

Presented by Dr. Jerry R. Strawser, Associate Dean

Master of Business Administration

Business Administration

Syed Faiyaz Ahsan
Rafaela Amaral Penachioni
Jacob Davis Arnold
Mahak Arora
Shrey Bajaj
John Boone Shandera Baker
Ross Harrison Beazley
Shruti Singh Bhadaura
Nelson Burres Black
Joseph Daniel Byrd
Andres Camberos Padilla
Craig Morris Collins

Thomas James Daly II
Austin Parker Davis
Samridhhi Dewangan
Cassandra Delatte Drennan
Kevin T. Drummond
Madan Gopal Eriginaboina
Grant Sainsbury Foulsham
Alex John Fuller
Catalina Gonzalez Cruz
Mousa Wael Hindi
Lakshmi Durga Pavan Kumar
Karicharla
Andrew Jordan Kazlow
Samer Khalil
Mason Lee Kraft
Abhinav Kumud
Joshua Lambert
Muhammad Ali Mahdi
Mason L. Matias
Shreya Matta
Jatan Nilesh Mehta
Hector Manuel Nunez
Amol Sunil Pandya
Snehkumar Bhupendra Patel
Smitha Patil
Tristan Alaric MacGregor
Patterson

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Aquib Rahman
Charanya Krishnan Rao
Richard Bryant Rodekohr
Sarah Saenz
Keaton Davison Savoie
Mohammad Naved Siddiqui
Eloy Brench Simmons Alvarez
Colin Lee Spencer
Dylan Michael Thomas
Vipul
Andrew John Yetter
Daniel Aaron Zamarron

Department of Accounting

Master of Science

Accounting

Eric Bohnert
Kenneth Alexander Bounds
Kyler Campbell
Cade Cooke
Paden C. Davisson
Maya Jernae Deason
Ralph Edward French III
Avery Madison Goforth
Michael Ryan Goller
Landree Denise Hancock
Hannah Grace Heldman
Nicolas Hernandez
Lauren Grace Holbrook

Christopher Mengzhong Hu
Landry Paige Keith
Mariah Nicole Lucero
Leah Marie McNeal
Katelyn Anne Miller
Claudia Isabelle Oster
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Emily R. Pridgen
Bailey Anne Scherer
Katie Marie Weiblen
Kyle Mason Wynne

Department of Finance

Master of Financial Management

Financial Management

Rachel M. Andel
Jackson Reece Beasley
Kanishk Chatterjee
Jantzen Armani Clayton
Jonathan Taylor Clayton
Haley Brooke Deel
Marquesha Re’Nea Ealoms
Cullen Harris Eppright
Nicholas Nagle Flato
Michael Joseph Frost
Christopher Cale Garrison
Grant James Hirsch

Samuel L. Hosek
Taqrin Islam
Gareth Thompson Jukes
Brian Nicholas Krizman
Jonathan Carter Lacy
Tyler A. Law
Shelbi Elizabeth Manela
Matthew Thomas Martin
Madelynn Paige Northcutt-Wyly
Macy Janelle Orman
Michael M. Patton
Dylan Michael Potts
Alan Sanchez  
Daniel Andres Sanchez  
Sophie M. Schultz  
Nicolas John Shores  
Alexander James Shuler  

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Jeremy Zane Smith  
Cameron Michael Stahl  
Sidney Lora Stark  
Landon Walker  

**Master of Real Estate**

**Land Economics and Real Estate**

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Michael Thomas Field  
Emma L. Garza  
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Connor Jacob Harwell  
Garrett L. Kilcrease  
Hung H. Nguyen  
Matthew Jake Pagel  
Lauren Taylor Perkins  

James Cameron Reaman  
Jose David Rueda, Jr.  
Scot Graham Sarlin  
William Campbell Schultz  
Ava Caitlyn Schwienteck  
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Cody D. Sicola  
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Logan Dean Whitney  

**Master of Science**

**Finance**

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Gunnar C. Blevins  
Robert E. Brown III  

Kai Sven Graf  
Charles Hartman Kuykendall  
Mateen Haghdan Saghafi  

**Department of Information and Operations Management**

**Master of Science**

**Management Information Systems**

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Olivia Barbree Grove  
Caroline E. Knauth  
Keaton Audrey Looney  
Jordan E. Maupin  

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Andrew James Nunn  
Hattie Ann Smith  
Seth Joshua Terry  
James Wang  
Carter Edward Wiegand  

**Department of Management**

**Master of Science**

**Entrepreneurial Leadership**

Grant Kelly Noce  
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Rheagen Simone Smith  

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Chance A. Talbot  
Amanda Louise Wright
Human Resource Management

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Alek Andrew Casillas
Jacque Chan
Allison Michelle Cole
Abbey E. Dethloff
Scott Richard Fields
Brian Lee Finke
Abby Elisabeth Gage
Megan Emily Ging
Bradley Christopher Graham
Tyler Houston Hackett
Jessica Anne Korenek
Bryan Landrum
Robyn Larson
Marilyn Mathis Lovell
Shengjie Lu

Madelyn Grace Luera
Joanna Joy Moran
Jade Noelle Ousley
Abby Rose Patterson
Shelbie M. Ridlen
Kelsey Reagan Riffe
Emmanuel Rivas
Alexandra Short
Rachel Katherine Sinz
Camryn Taylor Snoga
Sarah Denise Summers
Anna Marie Turner
Allison J. Vollentine
Kaylin Elizabeth Ware
Rebecca Leigh Weathers
Bailey Marie Wilkins

School of Education and Human Development

Presented by Dr. Michael A. de Miranda, Dean

Department of Educational Administration and Human Resource Development

Master of Science

Educational Administration

Kristy Jean Delvo-Vela
Hailey Nicole Welch

Educational Human Resource Development

Traci Ellen Berry
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Kyra Doan Foster-Brumfield
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Michelle Berry Hebb
Christina Marie Horton
Sara Paige Klinegardner
Kelsey Nichole Mattheis

Meytty Jeanly Pattikawa
Lisa Renee Radke
Michelle Renee Reyes
Alyssa Jordan Taylor Rodriguez
William Wray Rohman, Jr.
Suzette Roldan
Rachel Jewell Schultz
Stephanie Lynn Towns
Andrea Marie Voigt
Department of Educational Psychology

Master of Education

Bilingual/ESL Education

Jafet Cortes Rodriguez
Gabriela Cruz
Andrea Lucia Gonzalez
Carolyn Nicole Handley

Dianna E. Ramirez
Danny Rojas
Karina Elizabeth Simoneaux

Educational Psychology

Donna Kimberly Cerda
Sarah Day Hooper
Sara Rachel Kent
Anam Khokhar
Abigail Brooke Ludwig
Giannina Elizabeth Mixco
Clare Suzanne Hooks Rosser

Josselyne Saenz
Kaydon Schanberger
Morgan Kunde Sekula
Madison Taylor Summey
Udita Thapar
Kelli Elizabeth Tomlinson

Learning Design and Technology

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Gregory Chase Boyles
Jacqueline Ruth Davidson
Kelli Ansley Davis
Corinne Elizabeth Divine
Jennifer Keelan Garcia

Rachel Anne Iacobucci
Colleen Sue Mancuso
Andrew Lee Moua
James Patrick Rodriguez
Mario Rodriguez
Megan Gros Stall

Master of Science

Bilingual/ESL Education

Sandi Hsiao-Wen Chai

Department of Kinesiology and Sport Management

Master of Science

Kinesiology

Brandon James Clayton
Zachary E. Nichols

Emily Ann Pearl
Chrislyn Brooke Von Buettner

Sport Management

James Leland Adams III
Amy Gayle Baker
Colton Lawrence Bennett
Christopher Farrar Bentley, Jr.
Christopher A. Freytag
Pamela Furtch

Izzabella Grace Guerrero
Utah James Hicks
Chandler Louis Johnston
Alyssa Joy Lamme
Jonathan Lee Lewis
Ryan M. Reck
Kennedy N. Smith
Austin Michael Sudack
Chase Anthony Talbot
Madison Nicole Threadgill

Harrison Taylor Tillman
Emily Nicole Wedemeyer
Owen William Wilson
Ahmad Zaidan

Department of Teaching, Learning and Culture

Master of Education

Curriculum and Instruction

Ivone Marie Allen
Connor Reed Ames
Brittani L. Buescher
Taylor Kristyne Cantu
Madelanne Rose Cassens
Kelsey Lauren Chavera
Madison Leigh Dubberley
Adriana Escamilla
Kaylee A. Gilbreath
Katie L. Gillman
Kylie Lynn Graves
Steven R. Graves
Autumn Jasmyn Haley
Makenzie Rae Hood
Madison Celeste Killion
Kailyn Ne’Cole Koerth
Raymond Paul Marshall
Lindsey Brooke Martin
Jessica Tiffany Mitchell
Ixca R. Munoztinoco

Haley Loren Olsofsky
Sydney Renee Owens
Rebecca Nicole Parsons
Zachary Gerald Pelkey
Courtney Pichon
Elizabeth Paige Powers
Haley Nicole Robertson
Faith Alexandra Rutledge
Jacqueline Salinas
Kelly Lynn St. John
Constance Danielle
Sumler Chitman
Halie Marie Summers
Karey Nicole Tedrow
Anne Margaret Tondre
Emily Derae Unger
Ashlyn Mae Wagert
Russell V. Wagner
Aubrey Jo Wynn

College of Engineering

Presented by Dr. Harry A. Hogan, Senior Associate Dean

Master of Science

Energy

Silas Adibe
Hamda Saif S A Al-Naimi
Alexander Patrick Duffy
Mariam Mohammed Khaldoon
Nathan Combs Mattar

Jorge Enrique Olarte Camargo
Diana Marcela Osorio Rodriguez
Muhammad Fakhrur Razi
Lane R. Stewart
Department of Aerospace Engineering

Master of Engineering

Aerospace Engineering

Julio Francisco Anaya Chong
Scott Douglas Gosnell
Megan A. Huebschman
Evan F. Kelly

Nidhin Ninan
Kirk Brandon Putman
Edmond William Ray Zieber

Master of Science

Aerospace Engineering

Tyler Aryn Bryant
Nicholas Simion Manavi

Ramsay Allen Ramsey, Jr.
Chase Brantley Wiley

Department of Biological and Agricultural Engineering

Master of Science

Biological and Agricultural Engineering

Harsha Gopal Anne
Danadhi Pamuditha
Gunawardana Gunawardana
Liyanage

Marshall W. Halfmann
Hailey Marie Johnson
Alec R. Macmanus
Jacob Alan Stanosheck

Department of Biomedical Engineering

Master of Engineering

Biomedical Engineering

Nicolas Andres Cabrera Moreta
Savannah Faith Chorley
Mateusz Stanislaw Gierdalski
Madeleine Sloane Horelica
Satchit Govind Kulkarni
Frida Georgina Leon Olmedo

Christian Orred
Austin J. Peat
Savannah M. Rhodes
Sean P. Shamgar
Johanna Elizabeth Webb

Department of Chemical Engineering

Master of Biotechnology

Biotechnology

Marc Dylan Cruz
Kevin Ngoc Dang
Aleena Majid Khan
Blake Lindler

Nour Alhuda Odeh
Filipp Dmitrievich Voronov
Bryan Woh
Master of Engineering

Chemical Engineering

Swarnima Athavale
Ramzi Adnan Bader
Rolf L. Hermanson
Yuanxing Liu

Christopher Michael Pappas
Rhythm Pawar
Sulagna Roy
Eric Jaehun Yoon

Master of Science

Chemical Engineering

Ibijoju Oluwaseun Akinyeye
Kody L. Anderson
Jhanvi Manishkumar Kevadiya
Ankush Rout

Adam Richard Samuel
Ekenedilichukwu Emmanuel
Uwadiunor

Safety Engineering

Hanna Grace Breckenfeld
Meghan Tears Carmody

Hyup Lee
Chi-Yang Li

Department of Civil and Environmental Engineering

Master of Science

Civil Engineering

Dishi Agarwal
Kyle Thomas Airis
Tariq Muhye
Aldeen Sada Alhalbouni
Preveen Balasundaram Selvan
Mansi Bansal
Claire Elizabeth Barden
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Nithin Krishna Bonga
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Shreela Chauhan
Albert A. Coleman
Disha Das
Pooja Sanjay Deo
Vaishnavi Sanjay Deshmukh
Saurav Dev
Manideep Reddy Donde
t
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Ryan Avery Edwards
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Trista A. Gerner
Akshay Goyal
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Gudimella
Yaritza Gutierrez
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Aniket Ravindra Kamble
Rekha Padma Priya Kattula
Ritika Kedia
Tyler Ray Kornegay
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Ayush Kumar
Pravin Kumar
Venkata Sai Vinay Kurapati
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Pooya Srivivas
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Suvarna Verma
Mallikrishnan
Viswanathan Gnanasundaram
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Department of Computer Science and Engineering

Master of Computer Science

Computer Science

Shaista Ambreen
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Krishna Kumar Sunil Komadam
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Yihao Xie
Dongqing Yang
Jiazhen Yu

Jingtun Zhang
Litong Zhang
Yuqing Zhang
Youli Zhao

Master of Engineering

Computer Engineering

Aaron Daniel Angert
Xi Chen

Yupeng Hou

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Computer Science

Julian L. Beaulieu
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Wangyang He

Corbin Dean Petersheim
Mingyang Wan
I-Fan Wu

Data Science

Pooja Hari Ambrish

Vidhya Sagar Reddy Kandi

Department of Electrical and Computer Engineering

Master of Engineering

Computer Engineering

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Jaspal Singh Nijjar

Nonetta Marie Pierre
Lingaraju Elavarthi Vasuraju
Wei Wei
Sai Suma Yallapragada

Electrical Engineering

Wenjing Chen

Xu Shi

Master of Science

Computer Engineering

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Sourav Dokania
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Sayan Ganguly
Chien-Peng Huang
Govri Gnanesh Karanam
Hemachandran
Ravi Pranjali

Ruiyu Qu
Niranjan Raghuraman
Rohith Ramanujam Kumar
Santwana
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Sowmya Sree Thota
Electrical Engineering

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Ayush Krishna
Jiayi Li
Yinya Lin
Parth Mache
Farid Naghavi
Sawsan Fahad Husain Redha
Shukri
Kailash Sivakumar
John Speier
Jung Hwan Woo

Department of Engineering Technology and Industrial Distribution

Master of Industrial Distribution

Industrial Distribution

Dennis Ray Nichols

Master of Science

Engineering Technology

Brey Christian Caraway
Michael Thomas Craig
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Chavous Maurice Gwynn
Matthew Garrett Hammond
Samir Jiwani
Clay Michael Mullins
Zhihao Pan
Carter B. Wheat

Department of Industrial and Systems Engineering

Master of Engineering

Industrial Engineering

Nicholas Anthony D’Annibale
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Nathalie Elizabeth Petit

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Engineering Management

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Nicholas Austin Williams

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Shivani Nagalakshmi Hampe
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Hardik Jain
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Harshini Jayabal
Aditya Dinkar Kolge
Anand Kumar
Chia-Wei Liu
Abhimanyu Avinash Lokhande
Jannat Manchanda
Kaushik Manikonda
Thomas Mathieu Andre Paul
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Emily Wacera Musembi

Varun Rajanikant Panchal
Divya Dipakkumar Parmar
Soham Ajit Patil
Ridham Mansukhlal Patoliya
Devarsh Bhavesh Raval
Sasvanth Narayan Ravi Prakash
Herin Sunil Savla
Karmit Nikhil Shah
Ganesh Sanjay Shete
Meet Snehal Shukla
Smriti Singh
Jordan Andrew Terry
Vijay Gopal Vemana
Ajinkya Mahesh Zalkikar

Department of Materials Science and Engineering

Master of Engineering

Materials Science and Engineering

Peter William Ferris Evans
Sathish Ganapathi

Brian Michael Torrini

Master of Science

Materials Science and Engineering

Ros Theres Koikkara
Marquis Rogers
Liya Semenchenko

Alex Matthew Strasser
Jessica Jeneve Zamarripa

Department of Mechanical Engineering

Master of Engineering

Mechanical Engineering

Isaiah Armani Asmatey
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Vy Tra Truc Ho
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Duy Duc Nguyen

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Eren Selcen
Trevor Cheyenne Turner
Taylor Katherine Vogel
Jeewan Thomas Zachariah

Master of Science

Mechanical Engineering

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Ahumibe
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Anurag
Prathiksha Ramprasad Dhanpal

Mingxin Dong
Meghali Prashant Dravid
Rafael Jesús Dugarte Zerpa
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Serge Tshibangu Kazadi  
Kyle Hogan King  
Zachary Phillip Kuklinski  
Lengji Liu  
Anthony Philip Marino  
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Mingyu Tao  
Josue Vasquez  
Noah Christopher Williams  
Zachary Peyton Wilson  
Zhaoji Wu  

Department of Multidisciplinary Engineering  
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Engineering  
Taylor Jade Collins  
Jonathan Blake Mantooth  

Master of Science  
Interdisciplinary Engineering  
Behrooz Shirani Bidabadi  

Department of Nuclear Engineering  
Master of Engineering  
Nuclear Engineering  
Jose Canedi Picena  
Dalton T. Wise  

Master of Science  
Nuclear Engineering  
Isa Jamal Isa Mohamed  
Michal Jan Pate  
Buhamad Alsqaer  
Jason Rodriguez  
Jake Connor Dorin  
Benjamin Sarawichitr  
Allen Dean Jorgenson  

Department of Ocean Engineering  
Master of Science  
Ocean Engineering  
Nicodemo Luke Acuna  
Jacob Anthony Garrett  
Michael Autery  
Levi Jackson Roady
Department of Petroleum Engineering

Master of Engineering

Petroleum Engineering

Nathan Christian Tyler
Baumgartner
Brittany Lee Black
Jacob Will Clark
Willem Peter Dorff

Anselmo Gil Chacon
Shimaa Ahmed Khidir Hassan
Valentino Julien
Anthony Vu Tran

Master of Science

Petroleum Engineering

Thomas Matthew Button
Matteo Caponi

Gabriel Anthony Tatman

School of Law

Presented by Mr. Robert B. Ahdieh, Dean

Master of Jurisprudence

Jurisprudence

Elizabeth Tharayil Abraham
Elliott J. Arnold
Tina Irene Austin
Roxana Barrera
Teaira Beckett
Binta Daffeh
Leanne M. Doyle
David Erchinger
Marco Espinoza
Paulina Nicole Garcia
Mayla Granado
Angelica Gutierrez-Page
Monica P. Harris
Daniel Harutunian
Randy Paul Henderson
Carolina Hidalgo
Mohanna Houshangi
Alexander S. Jackson
Idowu Oluwatosin John
James Arthur Jones
Shae Jones
John Kalyondo
Chad Kennedy

Evelyn J. Lowe
Kelly Mendez
Rebecca Virginia Merritt
Larry Nelson
Cassidy J. Némec
Joshua James Oldenkamp
Augustina Oyafunke
Rachael M. Parker
Roderic Parker
Devin Patterson
Evelyn Azeneth Perez
Christian A. Plaue
Jeffery Michael Presley
Christopher Todd Purifoy
Deborah J. Quirl
Kelly Rakowitz
Florentina Ramos
Jackson Rau
Nicholas Raven
Tia N. Redo
Taniki Small
David Spohn
Sharon Lynn Tarver
Chelsea Tiffany Taylor
Angela Trevino
Jessica Van Der Valk
Binsu Wang

Katherine Wardlaw
Mary L. Werlinger
Thomas Jordan Wright
Jiaxin Zhang

Master of Laws

Jeffrey Scott Adamcik Esq
Heather N. Ashby
Jessie Julian Burgueno
Nathaniel Vickers Chittick
Atsede A. Demeke
Fereshteh Farajzadeh
Nathalia Feitosa Guedes
John C. Haedrich

Craig M. Janak
Hulett Maxwell
Jhiela M. Poynter
Robert C. Prim
Ned Wayne Roberts, Jr.
Whitney Stein
Jamie Leigh West

Master of Legal Studies

John P. Amott
Jose Gregorio Baldwin, Sr.
Janae Barbour
Christine Boggs
Kayla Cohen
Mary Elizabeth Combs
Thomas Franklin
Diana R. Hendrix
Mary Elizabeth Hidalgo
Phuc Huynh
Kenyari Keith
Bridget K. Lamme
Christopher McLelland
Adriana Concepcion Medina
Michael Lee Merritt

Alejandro Murphy
Angel R. Perez
Kathleen Smith
Jami Stobaugh
Wesley Dean Stobaugh
Megan C. Strawn
Mallory Sumner
Ulanda S. Tims
Koren Van
Walter Villela
Angela Wilkerson
Deon Williams
Wayne Gambrell Winn
Xinyue Zhang

School of Medicine

Presented by Dr. Carol M. Vargass Bautista, Assistant Dean

Master of Science

Medical Sciences

Bailey Heath Duhon
Sneha Srikanth

Caleb M. Whiddon
Ashley D. Winters
School of Nursing

Presented by Dr. Susan M. McLennon, Interim Dean

Master of Science in Nursing

Forensic Nursing

Stephanie Rae Colburn
Monica Deanne Diaz
Colleen Rene Duffin

Stefanie Lynn Goolsby
Kristan Lynn Holmes
Jennifer Marie Knight

Nursing Education

Geneva Marie Roch

School of Performance, Visualization and Fine Arts

Presented by Mr. Timothy D. McLaughlin, Interim Dean

Master of Arts

Performance Studies

Karen Vannessa Cepeda Rivera
Joseph P. Small

Master of Fine Arts

Visualization

Colin Robert William Lantz

Master of Science

Visualization

Cristina Alexandra Davis
Walker Vazquez Register

Skylar R. Thomas
School of Public Health

Presented by Dr. Shawn G. Gibbs, Dean

Department of Environmental and Occupational Health

Master of Public Health

Environmental Health

Victoria Ahime Cruz

Occupational Safety and Health

Kyla H. Hall
McKenna Simone Schutty
Teodoro Alexis Soto

Department of Epidemiology and Biostatistics

Master of Public Health

Epidemiology

Dhuha Aldulaimi
Sharada Shivanand Bhat
Hannah Noel Hartley
Kaitlin Natalie Rentschler
Meghan Riddell
Camryn T. Scheets

Department of Health Behavior

Master of Public Health

Health Promotion and Community Health Sciences

Michelle Ekaette Etuk

Department of Health Education Programs

Master of Science

Health Education

Sarah Michelle Flora
Madison E. Moore
Cheyenne Elizabeth Zigmond
Department of Health Policy and Management

Master of Public Health

Health Policy and Management

Adilene Guadalupe Cortez  Faraz Karim Jivraj
Alisha George                Jaccard Malik Nelson
David Judah Hartman         Vibha Suresh
Reagan Nicole Heun

School of Veterinary Medicine and Biomedical Sciences

Presented by Dr. Michael F. Criscitiello, Associate Dean

Department of Veterinary Integrative Biosciences

Master of Science

Biomedical Sciences

Rosa Angelica Aviles        Paul David McMurrey
Brianna N. Bazel           Maegan Lynn Mendoza
Bailey Ann Bullock         Chioma M. Mordi
Hailee M. Conley           Tony V. Phan
Andrew Wyatt Ezzell        Erik Sanchez
Crystal Marie Garcia        Isha Sharma

Genetics

Madison Michaela Williamson

Science and Technology Journalism

Jana Claire Rosario        Madison R. Semro

Veterinary Public Health - Epidemiology

Daniel Vincent Obregon

Department of Veterinary Large Animal Clinical Sciences

Master of Science

Biomedical Sciences

Heather Nicole Showley
Department of Veterinary Pathobiology

Master of Science

Biomedical Sciences

Jade Bowers
Anthony J. Garibay

Charlotte Nicole Stanley
Jennise Amaris Williams

Genetics

Livia Alexandra Schuller

Department of Veterinary Physiology and Pharmacology

Master of Science

Biomedical Sciences

Christina Kim
Amanda Christen Linn
Avery H. Morland

Savannah R. Mulvey-White
Hallie Jo Stack
Sean Michael Szalczer

Department of Veterinary Small Animal Clinical Sciences

Master of Science

Biomedical Sciences

Chanel Nicole Berns
Kaitlynn Elizabeth Blankenship
Mizuki Emi Chipman

Nicole Enid Mendez-Maio
Alicia Kaye Nye
Academic Regalia

Academic institutions throughout the world have created a wide variety of customs including distinctive dress, color and ceremony to indicate the accomplishments of scholars. English traditions originating at Oxford and Cambridge led to the development of American academic regalia. By the twentieth century, institutions of higher learning in the United States had adopted a well-defined code of academic costume, which now includes the identification of the different academic degrees by distinctive gowns, hoods and colors. For instance, the baccalaureate gown is worn closed and is identified by long, pleated front panels and long, pointed sleeves. The master’s gown has very long sleeves, closed at the bottom, and the arms of the wearer are placed through an opening in the front of the sleeves. Doctoral gowns are distinguished by velvet panels around the neck and down the front of the gown. Three horizontal black velvet bars also mark the doctorate. In America, the hood is the most colorful feature of academic regalia. The bachelor’s hood, when worn, is comparatively short; the master’s, a bit longer; and the doctor’s, at four feet, reaches far down the wearer’s back. The outside of the hood is black and is bordered with a two-, three- or five-inch band of velvet in the color representing the degree received, and the hood is lined with the colors of the granting institution. For instance, the Master of Arts hood from Texas A&M has a white border, for the discipline color of Arts, Letters and Humanities, with a maroon and white lining; the Master of Science hood has a golden yellow border, for Science, with a maroon and white lining; and the Doctor of Philosophy hood has a border in the blue of Philosophy with a maroon and white lining. Among the other discipline colors are Agriculture—maize, Architecture—violet, Business—olive green, Education—light blue, Engineering—orange and Veterinary Medicine—gray. These colors represent the degree earned, not the academic major. The Ph.D. in Engineering, for example, would normally wear the dark blue of Philosophy on the hood and gown instead of the orange of Engineering. Official guests of the University and members of the Board of Regents wear the doctor’s gown with the blue of Philosophy on the front and hood.

Ceremonial Mace

The University mace, a gift of the Class of 1990, leads the academic procession at commencement and on other special ceremonial occasions. Historically, the use of a mace dates back to the Middle Ages and was carried before or placed near a magistrate or other dignitary as an ensign of authority. This mace is made of sterling silver, walnut and oak and depicts various University symbols. It was designed by Rodney Hill, Texas A&M architecture professor who also carved the staff. Silversmith Lane Coulter ’78, of Santa Fe, prepared the silver head of the mace and Lars Stanley ’74, of Austin, designed and manufactured the stand.
**Gonfalons**

The gonfalon, a flag that hangs from a crosspiece or frame, originated in the medieval republics of Italy as an ensign of state or office. Gonfalons have been adopted in many universities around the world as college or institutional insignias. The gonfalons displayed represent the colleges of Texas A&M University. The colors of the University, maroon and white, are joined together in a pattern common to all of the flags. The top portion is the designated color for each unit. The white field serves as a background for the symbol of each.

**College of Agriculture and Life Sciences.** On a ground of white appears an emerging sun of yellow and russet rays. Yellow, the discipline color of science, russet, the discipline color of natural resources, and the center orange, color of engineering, combine to illustrate the intellectual interest in human and biological systems and structures. The interweaving ring encompasses the dawn making a full circle of life.

**School of Architecture.** The School of Architecture is comprised of three departments, all dedicated to the advancement of the built environment: Architecture, Construction Science, and Landscape Architecture and Urban Planning. The central triangle, a key shape in the field of architecture, symbolizes power, resilience, and direction, which is tilted to reveal its dimensionality, a non-planar object manipulated by the designer in exploration of unique perspectives. The rectilinear towers that encompass the triangular shape represent the monumental constructions throughout the history of architecture. These structures are all places upon the foundation, which symbolizes the beginning of architectural education and knowledge. The three ribbons represent the builder’s creativity (yellow), reliability (blue), and dedication (red), the essential values instilled within each student in the School of Architecture, leading towards a better world through the scope of knowledge and exploration.

**College of Arts and Sciences.** The symbol shows the connectivity of the distinct areas of knowledge in the College of Arts and Sciences. The components around the hexagonal ring are the domains of sciences, humanities, and social sciences. The design of the ring illustrates how these interlocking domains of learning and scholarship are united in the College of Arts and Sciences.

**Mays Business School.** The golden knot symbolizes unity and coordination of the disciplines of business administration. Surrounding the golden knot, a field of purple represents the rank of authority. The foundation of lozenges under the triangle illustrates the flow of order.
School of Dentistry. The color lilac has been associated with dentistry since the 1800s, symbolizing compassion and inspiration. Upon it, rests the Greek Omicron, O, representing the first letter in “odont,” meaning tooth, along with an interlaced Delta representing the letter D for Dentistry. The inner-most component of the emblem depicts healing, as signified with a serpent intertwined around the ancient cauterizing rod of the Greek god of healing, Asclepius. Included in the emblem, are 32 leaves and 20 berries representing both the primary and secondary teeth.

School of Education and Human Development. The flourishing flame blazoned with gold, light blue and royal purple signifies the burning zeal of the three missions of education--teaching, research and service. The hands hold the spiritual, social and intellectual flame of education.

College of Engineering. As the triangles collaborate alongside each other, projecting a diamond shape, they depict the strong relationship between the diverse engineering disciplines. The use of mathematics, science and technology provide the foundation of solving today’s challenging ideas between and within each engineering department. The center illustrates a circuit board to express the continuing growth in technology and engineering today, resulting in new industries and opportunities. The cohesive elements of this design work together as a whole symbolizing communication, interaction, teamwork, and balance in Engineering as the green, blue and navy color palette represents energy, loyalty, wisdom, professionalism and ambition.

Bush School of Government and Public Service. The star symbolizes pride and heritage in our great state of Texas. The two lines on either side of the star represent our connection with the past, and with the future, in an effort to build on experiences from history, while contributing and presenting new opportunities to future generations.

School of Law. A widely accepted symbol of peace, the olive leaves highlight one of the most critical contributions of law and legal order to human development. Curving inwards, they also bring to mind the Aggie Ring – and the circle of fellowship and community it represents. Lady Justice symbolizes the values our graduates bring to bear in their careers: a spirit of objectivity (blindfold), an unwavering commitment to fairness (scales), and the strength necessary to pursue it (sword). The six stars, finally, represent Texas A&M’s Core Values – Leadership, Respect, Loyalty, Excellence, Selfless Service, and Integrity – essential requirements of not only members of the legal profession, but all those who study the law and seek to advance justice, fairness, and the Rule of Law.
School of Medicine. The white field provides a background for the Aesculapian staff and serpent, long used as the symbol of the healing arts. The green color is the same displayed on the hoods and robes worn for the degree of Doctor of Medicine.

School of Nursing. The stars on the College of Nursing gonfalon represent caring, innovation and empowerment, while the cross symbolizes the origins of nursing. The candle honors the founder of nursing, Florence Nightingale. Apricot is the color of nursing.

School of Performance, Visualization and Fine Arts. The center of the design is a Penrose triangle, which is a continuous triangle, and an impossible 3D shape. The triangle combines math and creativity through the optical illusion it creates. The extensions of the triangle symbolize growth in all directions, while the overall triangular form communicates unity and continuity.

Irma Lerma Rangel School of Pharmacy. The mortar and pestle on the College of Pharmacy gonfalon symbolize the tools of traditional pharmacy. The Rx is from the Latin, “Take thou.”

School of Public Health. The anchor and caduceus are adapted from the national Public Health Service, which evolved from the Marine Hospital Service to the Public Health and Marine Hospital Service, and finally became the U.S. Public Health Service. The star represents the linkage of the School of Public Health with the Texas A&M Health Science Center and the State of Texas. The salmon color is the color of the public health hoods.

School of Veterinary Medicine and Biomedical Sciences. Resting upon a ground of purity, a white snake stands for the science and the art of prevention, cure or alleviation of disease and injury to animals. It is found entwined around a herald’s green staff—the symbol of service. The golden radiant triangle atop the Aesculapius illustrates the breadth of veterinary medical science.
“The Spirit of Aggieland”

By Mimms-Dunn

Some may boast of prowess’ bold,
Of the school they think so grand,
But there’s a spirit can ne’er be told,
It’s the spirit of Aggieland.

Chorus

We are the Aggies—the Aggies are we,
True to each other as Aggies can be.
We’ve got to fight, boys,
We’ve got to fight!
We’ve got to fight for Maroon and White.
After they’ve boosted all the rest,
They will come and join the best,
For we are the Aggies—the Aggies so true,
We’re from Texas A M U.
Congratulations New Graduates!
Welcome to The Association of Former Students!

Today, as a proud graduate of Texas A&M University, you will turn your Aggie Ring so that the Class year faces away from the body symbolizing a readiness to face the world.

Being an Aggie is a lifelong experience that is supported by the Aggie Network. By staying involved with Texas A&M through The Association of Former Students, together, we will continue the work of passing back the core values, traditions and experiences that make Texas A&M unique.

As you begin your new journey, we ask that when you’re ready, you consider helping to pass it back to future generations. Join the Century Club at a 50% discount and proudly showcase your very own Century Club member decal.

The Association of Former Students is HERE for Aggies during their days as students and former students, THERE for Aggies as they make their way around the world and EVERYWHERE that the Aggie Network needs us to be.
This program is accurate with respect to the degree awarded and conferred based on available information at the time of print production. Neither a name listed herein nor participation in the ceremony guarantees the awarding of a degree. The Office of the Registrar retains each student’s permanent academic record, which indicates these official designations.

This program is available for download on the graduation website at https://graduation.tamu.edu/Home/Ceremonial-Symbols-History/Program-Archives.