



TEXAS A&M UNIVERSITY
Commencement

August 10, 2024, 2 p.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

Saturday, August 10, 2024, 2 p.m.

Master's and Doctoral Commencement and Doctoral Hooding
Graduate and Professional Degrees

College of Agriculture and Life Sciences
School of Architecture
College of Arts and Sciences
Bush School of Government and Public Service
Mays Business School
School of Dentistry
School of Education and Human Development
College of Engineering
School of Law
School of Medicine
School of Nursing
School of Performance, Visualization and Fine Arts
Irma Lerma Rangel School of Pharmacy
School of Public Health
School of Veterinary Medicine and Biomedical Sciences

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TEXAS A&M UNIVERSITY COMMENCEMENT

Program

Processional

The National Anthem

Invocation

Greetings and Opening Remarks

Remarks to Graduates

Student Expression of Appreciation

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 Provost for Faculty Affairs

Stage Party

Dr. Julie F. Harlin, Associate Dean for Graduate and Professional School

Dr. Shannon Walton, Assistant Dean for Graduate and Professional School

Mr. Mark C. Gleason, Graduate Student Specialist for Graduate and Professional School

Ms. Venesa A. Heidick, Assistant Vice President and Registrar

Announcers

Mr. Mike Fitch, Admissions Counselor, Office of Admissions

Judge Rick Hill, Brazos County Justice of the Peace, Precinct 3

The Texas A&M University System Board of Regents

Mr. Bill Mahomes, Jr., Chairman Dallas

Mr. Robert L. Albritton, Vice Chairman Fort Worth

Mr. David C. Baggett Houston

Mr. John W. Bellinger San Antonio

Mr. James R. "Randy" Brooks San Angelo

Mr. Jay C. Graham Houston

Mr. Michael A. "Mike" Hernandez III Fort Worth

Mr. Michael J. Plank Houston

Mr. R. Sam Torn Houston

Mr. Cage M. Sawyers (Student Regent) Texoma

Chancellor

Mr. John Sharp Placedo

Texas A&M University Administrative Officers

President	General Mark A. Welsh III (Ret.)
Provost and Executive Vice President	Dr. Alan R. Sams
Vice Chancellor and Dean, College of Agriculture and Life Sciences	Dr. Jeffrey W. Savell
Dean, School of Architecture (interim)	Dr. Patrick C. Suermann
Dean, College of Arts and Sciences	Dr. Mark J. Zoran
Dean, Mays Business School	Dr. Nate Y. Sharp
Dean, School of Dentistry	Dr. Lily T. Garcia
Dean, School of Education and Human Development	Dr. Michael A. de Miranda
Vice Chancellor and Dean, College of Engineering	Dr. Robert H. Bishop
Dean, Bush School of Government and Public Service	Mr. John B. Sherman
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	Dr. T. Leann Horsley
Dean, School of Performance, Visualization and Fine Arts	Mr. Timothy D. McLaughlin
Dean, Irma Lerma Rangel School of Pharmacy (interim)	Dr. Mansoor A. Khan
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
Associate Provost and Dean, Graduate and Professional School	Dr. Fuhui Tong
Chief Operating Officer and Senior Vice President	Mr. Peter Lange
Chief Operating Officer and Senior Vice President, Texas A&M Health (interim)	Dr. Indra K. Reddy
Chief Operating Officer and Vice President, Texas A&M University at Galveston	Colonel Michael E. Fossum (Ret.)
Chief Operating Officer and Associate Vice President, Higher Education Center at McAllen	Mr. Manuel M. Vela
Chief Operating Officer and Assistant Vice President, Texas A&M – Washington, D.C.	Lt. General Jay Silveria (Ret.)
Chief of Staff	Dr. Susan G. Ballabina
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 Ms. Lisa K. Akin
Executive Associate Vice President for Academic Affairs
and Chief Academic Officer of Texas A&M University
at Galveston and Associate Provost. Dr. Deborah J. Thomas
Vice President for Planning, Assessment and
Strategy Mr. Joseph P. Pettibon II
Vice Provost for Faculty Affairs Dr. Nagamangala K. Anand
Vice President and Chief Marketing
and Communications Officer Mr. R. Ethan Braden
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 Academic Affairs Dr. Timothy P. Scott
Athletic Director Mr. Trev K. Alberts
Commandant of the
Corps of Cadets Brigadier General Patrick R. Michaelis (Ret.)
University Librarian and Assistant Provost,
Texas A&M University Libraries Ms. Julie A. Mosbo Ballestro

Candidates for Graduate and Professional Degrees

Presented by Dr. Fuhui Tong
Associate Provost and Dean

Graduate and Professional School

College of Agriculture and Life Sciences

Doctor of Education

Andrew Joseph Wilson, Sr. Agricultural Education
Record of Study: "Distributed Bachelor's Degree Program at a Small, Rural
Independent School District in West Texas: A Case Study
Investigation of a Rural College Access and Support
Program"
Chair: Gary E. Briers
Co-Chair: David Lawver

Doctor of Philosophy

Amelia G. Ahles Agricultural Economics
Dissertation: "Playing the Lottery: Essays on Preferences Under Uncertainty
in Economics"
Chair: Marco Palma

Veronica Rose Chemelewski. Biochemistry and Molecular Biophysics
Dissertation: "Synthesis of Pulcherrimin and Extracellular Matrix in
Bacillus subtilis"
Chair: Hays S. Rye

Mason Kenyon Clark. Ecology and Evolutionary Biology
Dissertation: "Sterol-mediated Plant-insect Interactions: Physiological
and Biochemical Insights"
Chair: Gregory Sword
Co-Chair: Spencer Behmer

Daniel De Leon. Poultry Science
Dissertation: "Dietary Antibiotic Alternatives for the Maintenance
of Intestinal Health and Performance in Commercial
Broilers"
Chair: Audrey P. McElroy

Wei Gai Biochemistry and Molecular Biophysics
Dissertation: "The Mechanism of GTP-stimulated Membrane Fission
by the N-BAR Protein AMPH-1"
Chair: Junjie Zhang

Weiqian Gao Ecology and Conservation Biology
Dissertation: "Spatiotemporal Patterns of Fire-livestock Grazing Interactions
under Pyric Herbivory Regime in Mesquite-oak
Savanna"
Chair: Jay P. Angerer
Co-Chair: Xinyuan Wu

- Haramrit Kaur Gill Horticulture
 Dissertation: "The Game of Colors in Roses: QTL, Transcriptomic, and Pigment Analysis of the Flower Color Transition Phenotypes in Autotetraploid Rose Populations"
 Chair: Oscar Riera Lizarazu
- Mallori Paige Girard Recreation, Park and Tourism Sciences
 Dissertation: "Safe to Play: Understanding the Impact of Social Injustices on Transgender Youth Sport Participation"
 Chair: Andrea Ettekal
- Xavier Armando Jaime Davila Ecology and Conservation Biology
 Dissertation: "Spatial Patterns and Interactions of Prescribed Fire and Plant Communities in Heterogeneous Landscapes in the Edwards Plateau"
 Chair: Xinyuan Wu
 Co-Chair: Jay P. Angerer
- Sangjun Jeong Horticulture
 Dissertation: "Interactive Effects Between Light Spectra and Temperature on Plant Growth, Morphology, and Physiology in Vegetable and Ornamental Crops"
 Chair: Genhua Niu
 Co-Chair: Shuyang Zhen
- Ruixin Jia Agricultural Economics
 Dissertation: "Neurophysiological, Emotional, and Informational Stimulation Effects on Economic Behavior"
 Chair: Marco Palma
- Alaamy Balkrishna Joshi Biochemistry and Molecular Biophysics
 Dissertation: "Cardiolipin Requirement for Mitochondrial Magnesium Channel and Its Implications for Barth Syndrome"
 Chair: Hays S. Rye
- Aiden E. Juge Animal Science
 Dissertation: "An Investigation of Canines' Ability to Detect Bovine Respiratory Disease"
 Chair: Courtney L. Daigle
- Jaclyn Nicole Ketchum Physiology of Reproduction
 Dissertation: "The Impact of Sperm Borne Epigenetic Marks on Bull Fertility and Early Embryo Development"
 Chair: George A. Perry
- Seunghoon Lee Hospitality, Hotel Management and Tourism
 Dissertation: "Relationalities in Tourism and Heritage Conservation: Cultural Survival of the *Jeju Haenyeo*, South Korea"
 Chair: Brian King
 Co-Chair: Tazim B. Jamal
- Noah Benjamin Lemke Entomology
 Dissertation: "Spatiotemporal Dynamics Modulate Reproductive Behavior in the Black Soldier Fly, *Hermetia illucens* (L. 1758) (Diptera: Stratiomyidae)"
 Chair: Jeffery Tomberlin

- Allison C. Milby-Blackledge Poultry Science
 Dissertation: "Modulation of Avian Immunity and Reduction of Salmonella Cecal Colonization with Antibiotic Alternatives and Vaccines"
 Chair: Morgan B. Farnell
- Ashrafou Ouro-Djobo Plant Pathology
 Dissertation: "Molecular Epidemiology and Genetic Diversity of Selected Viruses Infecting Some Major Crops in Texas"
 Chair: Olufemi Alabi
- Kyle Alexander Parker Plant Breeding
 Dissertation: "Exploration of Predictive Modeling and Public Genetic Resources to Understand the Genetic Control of Yield and Quality Traits in Southern Great Plains Winter Wheat and Synthetic Derived Wheat Germplasm"
 Chair: Amir Ibrahim
 Co-Chair: Shuyu Liu
- Emily M. Russavage Entomology
 Dissertation: "Indirect Plant Defense Against an Aphid Pest of Sorghum"
 Chair: Micky Eubanks
- Nicole Anne Scavo Ecology and Evolutionary Biology
 Dissertation: "Social-ecological Factors and Blood Feeding Patterns Influence *Aedes aegypti* Control and Disease Transmission"
 Chair: Gabriel L. Hamer
- Gabrielle Elaine Scott Food Science and Technology
 Dissertation: "Protein-starch Interactions in Sorghum Endosperm with Mutant Protein Body Trait"
 Chair: Joseph M. Awika
- Cyprian Omondi Syeunda Food Science and Technology
 Dissertation: "Influence of Cereal Phenolic Compounds on Maillard Reaction Product Formation"
 Chair: Joseph M. Awika
- Justin Michael Taillon Recreation, Park and Tourism Sciences
 Dissertation: "The Price of Companionship: The Human/Animal Bond, Hotel Pet Policies, and Traveler Willingness to Pay"
 Chair: James Petrick
- Brian Andrew Toney Agricultural Economics
 Dissertation: "The Influence of the Information Processing System on Economic Decisions"
 Chair: Marco Palma
- Yuhang Wang Biochemistry and Molecular Biophysics
 Dissertation: "Structural Mechanisms of Tad Pilus Assembly and Its Interaction With an RNA Virus Prompt Potential Applications"
 Chair: Lanying Zeng

Ruiren Zhou Water Management and Hydrological Science
 Dissertation: "Novel Ag-containing Photocatalysts and Their Performance Regulation and Applications to Hazard Organic Degradation"
 Chair: Zong Liu
 Co-Chair: Virender K. Sharma

School of Architecture

Doctor of Philosophy

Riyad Mobark A Ashmeel Architecture
 Dissertation: "Reviving Saudi Arabia's Lost Heritage: Generative AI for Virtual Reconstruction the Case of Salwa Palace in Diriyah's At-Turaif District"
 Chair: Stephen Caffey

Abdullahi Alabi Ibrahim Construction Science
 Dissertation: "Construction Workers' Situational Awareness: Investigating the Role of Physical Fatigue, Workplace Dynamism, and Emerging Technologies"
 Chair: Chukwuma A. Nnaji

Suryeon Kim Construction Science
 Dissertation: "Strategic Approaches for Accelerating Effective Sharing and Dissemination of Construction Management Knowledge and Methods"
 Chair: Hyungseok D. Jeong

Farnaz Nazari Construction Science
 Dissertation: "Building Energy Efficiency Optimization During the Conceptual Design Stage"
 Chair: Manish K. Dixit
 Co-Chair: Wei Yan

Karrar Ihsan Osi Architecture
 Dissertation: "Operational Outcome Assessment: A Comparative Analysis of Simulation Assisted and Visual Assessment Approaches"
 Chair: Aubrey R. Pentecost

Joy Shantel Semien Urban and Regional Science
 Dissertation: "Examining the Severity and Frequency of Disaster Impacts and Recovery Among Businesses and Nonprofit Organizations Owned or Led by Socially Vulnerable Populations"
 Chair: Michelle A. Meyer

Muhammad Usman Urban and Regional Science
 Dissertation: "Exploring the Societal Impacts and Adoption of Autonomous Vehicles in Texas: Perspectives from Small and Rural Communities"
 Chair: Li Wei

Chandler Ian Wilkins Urban and Regional Science
 Dissertation: "'Show Me You Care:' Houston Public Housing Residents' Unmet Needs Throughout Recent Disasters"
 Chair: Shannon S. Van Zandt

College of Arts and Sciences

Doctor of Philosophy

- Austin David AbbottChemistry
 Dissertation: "Using DAPPER to Extract the Photon Strength Function of 58Fe via the Inverse Oslo and Shape Methods"
 Chair: Sherry Yennello
- Devri AgustiantoGeology
 Dissertation: "Reservoir Characterization Using Seismic Pore Structure Parameter and Seismic Spectral Decomposition by Modified S-transform"
 Chair: Yuefeng Sun
- Kristen AlanisChemistry
 Dissertation: "Scanning Ion Conductance Microscopy Studies of Confinement Effects"
 Chair: Lane A. Baker
- Sasha Elena AldenChemistry
 Dissertation: "Serial Electroanalysis at Microelectrode Arrays"
 Chair: Lane A. Baker
- Eshtar Hussain Nasser Aluauee..... Physics
 Dissertation: "Cavity Ring-down Spectroscopy with DFB Diode Lasers near 1.6 Micron for Breath Analysis"
 Chair: Hans Schuessler
 Co-Chair: Mahmood Amani
- Kyung Lin Bae English
 Dissertation: "The Rebellious Ga(s)p: Poetics of Fragmentation in Contemporary Diasporic Women's Poetry"
 Chair: Marian Eide
- Shreedhar BhatMathematics
 Dissertation: "p-Bergman Theory"
 Chair: Harold Boas
- Lauren Renee BlankenshipChemistry
 Dissertation: "Investigating the Effect of Acetylation and Ubiquitination Posttranslational Modifications on Mononucleosome and X-ray Crystallography for Drug Discovery Against SARS-CoV-2"
 Chair: Wenshe Liu
- Laura Beth BootonMathematics
 Dissertation: "Convergence of Moments of Twisted COE Matrices"
 Chair: Gregory Berkolaiko
- Gayle Zvia Dilmowais BornovskiChemistry
 Dissertation: "Fundamental Electrochemical Investigations: From Modification of Secondary Coordination Sphere Effects in Electrocatalysis to Analysis of Reactive Species"
 Chair: Michael Nippe

- Nicholas Bradley Communication
 Dissertation: "The Poetics of White Violence: The Turner Diaries and the Art of Action"
 Chair: Nathan A. Crick
- Benjamin Lee Brewster History
 Dissertation: "Rapid Strategy, Decisive Tactics: Civil-military Decision-making in Operation Just Cause and Subsequent on US-Panama Relations and American Warfighting Concepts"
 Chair: Jason Parker
- Ciaran Clark Buckley Mathematics
 Dissertation: "Convexity Theory and the Baire Space of Pseudoconvex Domains"
 Chair: Harold Boas
- Abhisek Chakraborty Statistics
 Dissertation: "Probabilistic Methods in Trustworthy Machine Learning and Scientific Applications"
 Chair: Anirban Bhattacharya
 Co-Chair: Debdeep Pati
- Anirban Chakraborty Statistics
 Dissertation: "Scalable Statistical Methods for Large Spatial and Spatio-temporal Data"
 Chair: Matthias S. Katzfuss
 Co-Chair: Huiyan Sang
- Jed A. Chalupa Communication
 Dissertation: "The Non-neutral Self: Negotiating Identity and Partiality While Facilitating"
 Chair: Anna W. Wolfe
- Chia-Yu Chang Mathematics
 Dissertation: "Border Subrank of Tensors"
 Chair: Joseph Landsberg
- Hyunwoong Chang Statistics
 Dissertation: "Convergence Analysis of Markov Chain Monte Carlo Methods for Model Selection Problems"
 Chair: Quan Zhou
 Co-Chair: Suojin Wang
- Janet Cho English
 Dissertation: "Alimentary Form: Food, Language, and Aesthetics in Contemporary Asian American Women's Writing"
 Chair: Shawna Ross
- Sara Chung English
 Dissertation: "Encountering Gothic Humanism in Victorian Novels"
 Chair: Mary A. O'Farrell
- Adelis Marie Cruz Psychology
 Dissertation: "Exploring Striatal Circuits Underlying Behavioral Flexibility During Punishment of Cocaine Seeking"
 Chair: Rachel Smith

- Agniva DasguptaMathematics
 Dissertation: "Short Second Moment of L-functions"
 Chair: Matthew Young
- Daundasekara Mudiyanseleage Kasuni
 Chathurangika Daundasekara Biology
 Dissertation: "Exploring the Evolutionary History of Serpentine
 Tolerance in Tribe Thelypodieae and Functional
 Validation of Serpentine Candidate Genes Through Gene
 Transformation in *Arabidopsis thaliana*"
 Chair: Alan Pepper
- Jianing Dong Statistics
 Dissertation: "Efficient Balance Weighting Estimation Under Regular
 Pattern Graphs"
 Chair: Raymond Ka Wai Wong
- Solangia EnglerClinical Psychology
 Dissertation: "Associations Among Iron Deficiency, Meat Consumption,
 and Poor Mental Health Among Adolescents: An NHANES-
 based Cross Sectional Study"
 Chair: Sherece Fields
- Allison Hall Faber History
 Dissertation: "The Ties That Bind: Illegitimacy, Maternity Homes, and
 Adoption in Twentieth-century Texas"
 Chair: Carlos Blanton
- Paola Fascinetto ZagoEcology and Evolutionary Biology
 Dissertation: "Personality Drive and Evolutionary Outcomes in
Xiphophorus Fishes"
 Chair: Gil Rosenthal
 Co-Chair: Alan Pepper
- Matthew Hunter FaustMathematics
 Dissertation: "Combinatorial Algebraic Geometry and Discrete Periodic
 Operators"
 Chair: Frank Sottile
 Co-Chair: Wencai Liu
- Karina FebreClinical Psychology
 Dissertation: "The Impact of Language Brokering on Emotional
 Reactivity at Conscious and Unconscious Levels of
 Processing"
 Chair: Jyotsna Vaid
- Zhaobidan FengMathematics
 Dissertation: "Reconstructing Braided Subcategories"
 Chair: Eric Rowell
 Co-Chair: Andreas Klappenecker
- Ty Michael Gadberry Psychology
 Dissertation: "Early-life Stress Influences Memory Systems Function in
 Adulthood: Insights from Rodent and Human Studies"
 Chair: Mark Packard

- Avick Kumar GhoshChemistry
 Dissertation: "Stereochemical Studies on Dibenzothiophene Catabolism Pathway and Identification of the First Biotin Catabolic Operon and *In-vitro* Reconstitution of the Pathway"
 Chair: Tadhg Begley
- Alan Hays GrantCommunication
 Dissertation: "Let Me Do the Talking: Racial Ventriloquism and the Fifth Wave of Black Athlete Activism"
 Chair: Kristan A. Poirot
- Maria Antonieta Gutierrez AzuajeGeology
 Dissertation: "Chemostratigraphic Analyses of Late Pennsylvanian to Early Permian Mudstone Dominated Strata in Outcrops From the Southern Delaware Basin (Glass Mountains) and a Core From Eastern Delaware Basin"
 Chair: Mike Pope
 Co-Chair: Art Donovan
- Sohan HazraChemistry
 Dissertation: "Mechanistic Studies on Cysteine Salvage Pathway and Reconstitution of the Tailoring Enzymes in Menaquinone Biosynthesis via Futasoline"
 Chair: Tadhg Begley
- Xuehan HuMathematics
 Dissertation: "Anti-concentration of Random Tensors"
 Chair: Grigorios Paouris
- Junjie HuangChemistry
 Dissertation: "Magnetic Molecular Materials Based on Transition and Lanthanide Metal Ions With Non-innocent Bridging Ligands and Metal Organic Frameworks"
 Chair: Kim Dunbar
- Jenna M. HulkeBiology
 Dissertation: "The Evolutionary Interplay Between Parasite Mating Systems and Their Complex Life Cycles"
 Chair: Charles Criscione
- Frank Lawrence JalufkaBiology
 Dissertation: "Identification and Characterization of a Novel Population of Immature Neutrophils Associated With the Murine Spinal Cord"
 Chair: Dylan A. McCreedy
- Lauren Brittany JonesAnthropology
 Dissertation: "From Bones to Biomolecules: The Utility of Ancient DNA and Biomolecular Analyses in Collections-based Osteoarchaeological Research"
 Chair: Michael Waters
 Co-Chair: Anna E. Linderholm
- Jalia L. JosephSociology
 Dissertation: "I Was the One Smelling the Flowers: Black People of Marginalized Genders' Emotional Experiences with Protest and Political Engagement"
 Chair: Mary E. Campbell

- Samuel John Kempel Chemistry
 Dissertation: "Stereoselective Construction of Alkene-containing Polymers Through Olefin Metathesis"
 Chair: Quentin Michaudel
- Kaustav Khatua Chemistry
 Dissertation: "Design and Development of Covalent Inhibitors and Degraders of Sars-CoV-2 Main Protease"
 Chair: Wenshe Liu
- Jung Ah Kim English
 Dissertation: "Re-Claiming (Lost) Rhythms of Life in Victorian Female Characters"
 Chair: Mary A. O'Farrell
- Toni Paola Kostecki Clinical Psychology
 Dissertation: "An Inquiry into the Workplace 'Coming Out' Experiences of LGBTQ+ Identifying K-12 Teachers"
 Chair: Isaac E. Sabat
 Co-Chair: Douglas Snyder
- Matthew David Kroesche Mathematics
 Dissertation: "Low-lying Zeros and Moments of a Thin Family of Automorphic Forms in the Level Aspect"
 Chair: Matthew Young
- Dacheng Kuai Chemistry
 Dissertation: "Ab Initio Insights into Solvation in Interfacial Chemistry and Beyond"
 Chair: Perla Balbuena
- Emma Skye Lehmborg Ecology and Evolutionary Biology
 Dissertation: "Hybridization, Sexual Conflict, and Speciation: A Test of Macroevolutionary Theory in the Poeciliidae"
 Chair: Gil Rosenthal
- Cheng-Han Li Chemistry
 Dissertation: "Computational Design of Organic Radical Polymer Batteries Through Multi-scale Modeling and Inverse Design Strategies"
 Chair: Daniel P. Tabor
- Diya Li Geography
 Dissertation: "Advancing Spatial Decision Support Systems by Leveraging Cyberinfrastructure and Geospatial Artificial Intelligence"
 Chair: Zhe Zhang
- Weiyang Lin Geography
 Dissertation: "Unpacking Spatiotemporal Relationships Among Greenspace, Built Form, and Sociodemographic Characteristics in Urban Neighborhoods"
 Chair: Burak Guneralp
- Xinghua Liu Physics
 Dissertation: "Probing Ultra-fast Dephasing via Entangled Photon Pairs"
 Chair: Alexey M. Zheltikov
 Co-Chair: Girish Agarwal

- Ting Lu Mathematics
 Dissertation: "Computing the Haar State of $O(SL_q(3))$ on a Monomial Basis"
 Chair: Jeffrey Kuan
- Sifu Luo Physics
 Dissertation: "Search for a W Boson Coupling to Third Generation Fermions with Semi-leptonic Final States in Proton-Proton Collisions"
 Chair: Ricardo Eusebi
- Zifeng Luo Physics
 Dissertation: "Experimental Constraints on Carbon Formation and Burning in Late-stage Stellar Evolution"
 Chair: Grigory V. Rogachev
- Gabrielle R. Lyle History
 Dissertation: "B'nai Borderlands: The Development of Jewish Communities in the U.S.-Mexico Borderlands in the Twentieth Century"
 Chair: Carlos Blanton
- Angelique Nevarez Maes Sociology
 Dissertation: "Access to Mentorship in the Lives of Children with Incarcerated Fathers Compared to Those Without in Emerging Adulthood"
 Chair: Holly Foster
- Joseph Mafflykipp Clinical Psychology
 Dissertation: "Delusions as a Pathway to Meaning? The Moderating Role of Depression"
 Chair: Matthew Vess
- Shane D. Makowicki History
 Dissertation: "'Savage Warfare': Soldiers, Sailors, Citizens, and Guerrillas in Eastern North Carolina, 1861-1863"
 Chair: Lorien L. Foote
- Ryan Christopher Malthaner Mathematics
 Dissertation: "Distortion Lower Bounds for Graph Embeddings in the Style of Matoušek"
 Chair: Florent P. Baudier
- Denise Adriana Meda-Lambru Philosophy
 Dissertation: "A Chicax Investigation of the Aesthetic and Ethical Commitments to Re-Member our Dead"
 Chair: Gregory Pappas
- Sejal Balvantrai Mistry Psychology
 Dissertation: "Investigating the Influence of Smartphone-based Support on the Mother-Infant Relationship"
 Chair: Rebecca Brooker
- Ashley Nicole Moran Chemistry
 Dissertation: "Optical Emission Spectroscopy to Characterize Thermochemical Nonequilibrium in Hypersonic Flows"
 Chair: Simon North

- Angeliqe Elise Morvant Mathematics
 Dissertation: "The Preasymptomatic Model for the Deformation of Thin Structures with Folding"
 Chair: Andrea Bonito
 Co-Chair: Alan R. Demlow
- Thomas Joseph Onyango Physics
 Dissertation: "Nucleon-Nucleon Bremsstrahlung from Coarse-grained Transport Simulations of Heavy-ion Collisions at Fermi Energies"
 Chair: Ralf Rapp
- Tushar Pandey Mathematics
 Dissertation: "A Study of Bonahon-Wong-Yang Quantum Invariants"
 Chair: Tian Yang
- Elizabeth F. Perry English
 Dissertation: "Mystic Gestures: Performing Contemplation and Affective Piety in the Vernacular of Fourteenth- and Fifteenth-Century English Drama and Literature"
 Chair: Nancy B. Warren
- Zachary A. Riggins English
 Dissertation: "Quotidian Trauma: The Representation of Ordinary Violence in Literature"
 Chair: Marian Eide
- Indranil Samanta Chemistry
 Dissertation: "Discovery of a Cryptic Biosynthesis Pathway of Thiamin in *E. Coli* and the Development of a Thiamin-based Photoaffinity Probe for Biological Applications"
 Chair: Tadhg Begley
- Dylan Russell Schlichting Oceanography
 Dissertation: "Numerical and Physical Mixing in Simulations of Submesoscale Baroclinic Instabilities over Sloping Bathymetry"
 Chair: Henry Potter
 Co-Chair: Robert Hetland
- Jordan Alexandra Schueler Clinical Psychology
 Dissertation: "Comparison of a Telehealth Versus In-person Intervention for Adults Endorsing Binge Eating"
 Chair: Sherece Fields
- Sally Ann Schutz English
 Dissertation: "A Sense of Space: (Re)Locating the Texas South in the Public Imaginary"
 Chair: Amy E. Earhart
- Arjun Sengupta Physics
 Dissertation: "A Study of Jets and In-medium Jet Hadronization with JETSCAPE and Hybrid Hadronization"
 Chair: Rainer Fries

- Vishav SharmaChemistry
 Dissertation: "Mechanistic Studies on Radical S-Adenosyl Methionine Enzymes Involved in Thiamin and Cobalamin Biosynthesis"
 Chair: Tadhg Begley
- Eunkyoung Shin Physics
 Dissertation: "Neutrino Absorption in Warm Nuclear Matter from Response Functions Computed in Chiral Effective Field Theory"
 Chair: Jeremy W. Holt
- Joshua James StreetCommunication
 Dissertation: "Working Class Whiteness"
 Chair: Kristan A. Poirot
- Emily Jane Summers Oceanography
 Dissertation: "Modelling Transport and Pathways in Microplastics in Estuarine and Coastal Waters"
 Chair: Kyeong Park
 Co-Chair: Jiabi Du
- Tye S. ThompsonChemistry
 Dissertation: "Neurotrophin Loop Mimicry: Cyclo-organopeptides as a Design Strategy for Targeted Trk Modulation"
 Chair: Kevin Burgess
- Meghan Ashley Vance History
 Dissertation: "On the Edge of Battle: Building a Cold War Army in Germany, 1945-1960"
 Chair: Adam Seipp
- Honggang Wang Statistics
 Dissertation: "Some Theories and Applications in Alpha Variational Inference"
 Chair: Anirban Bhattacharya
- Katherine WangChemistry
 Dissertation: "Studies in Catalysis: Phase Transfer Activation and Metal Containing Hydrogen Bond Donors"
 Chair: John Gladysz
- Alexander Lee WeygandtMathematics
 Dissertation: "The Rapid Decay Property for Twisted Étale Groupoids"
 Chair: Zhizhang Xie
- McKinley Donovan Williams Microbiology
 Dissertation: "The Structural and Biological Characterization of Secondary Metabolites in Oral and Soil-derived Species"
 Chair: James L. Smith
- Tingyuan YangChemistry
 Dissertation: "Reactive Mass Spectrometry for Lipid Mass Tag Development and Transition Metal Catalysis"
 Chair: Xin Yan

- Seon Myung Yoo English
 Dissertation: "Genealogy of Comfort: Comfort Women, Military
 Camptown Sex Workers, and Transnational Adoptees in
 Korean and Korean Diasporic Cultural Production"
 Chair: Vanita Reddy
- Chen-Hsu Yu Chemistry
 Dissertation: "Advancing L-Oligonucleotides: Overcoming Synthetic
 Challenges and Exploring Intracellular Behaviors"
 Chair: Jonathan T. Sczepanski
- Bing Zhou Geography
 Dissertation: "STEP Toward Responsible GIScience: Paradigms,
 Purposes, and Challenges"
 Chair: Lei Zou

Bush School of Government and Public Service

Doctor of Philosophy

- Francesco Bromo Political Science
 Dissertation: "Government-initiated Votes of Confidence and Related
 Features of Parliamentarism"
 Chair: Jose Cheibub
 Co-Chair: Alexander Pacek
- Jonghoon Lee Political Science
 Dissertation: "Initiating Justice: The Role of Judicial Institutions in the
 Pursuit of Democratic Accountability"
 Chair: Guy Whitten
- Manuela Munoz Fuerte Political Science
 Dissertation: "'Bringing Government Closer to the People': Essays on
 Electoral Institutions, Representation, Accountability and
 Urban Service Provision"
 Chair: Michelle Taylor
- Yeon Soo Park Political Science
 Dissertation: "The Substantive Representation of Marginalized Groups"
 Chair: Michelle Taylor
- Mellie Zadeh Political Science
 Dissertation: "From De Jure to De Facto Sovereignty: A Capacity Theory
 of Tribal Self-rule"
 Chair: Manuel P. Teodoro
 Co-Chair: Maria Escobar-Lemmon

Mays Business School

Doctor of Philosophy

- Seongjin Kim Business Administration
 Dissertation: "Essays on Credit Markets and Asset Pricing"
 Chair: Hwagyun Kim

- Peter I. Nahm Management
 Dissertation: "Knowledge Creation by Nonprofit Research Institutes"
 Chair: Michael D. Howard
 Co-Chair: Michael C. Withers
- Hai Quang Pham Business Administration
 Dissertation: "Essays on Production and Lending Networks"
 Chair: Shane A. Johnson
 Co-Chair: Adam C. Kolasinski
- Lindsey Marie Yonish Management
 Dissertation: "A Relationship-based Perspective of Stakeholder Responses to Trade-offs"
 Chair: Cynthia E. Devers

School of Education and Human Development

Doctor of Education

- Donna Marie Charles-Baggs Educational Administration
 Record of Study: "Teacher Cognition: Teachers' Experiences Teaching English Learners in the Mainstream Classroom"
 Chair: Jean Madsen
- Angela S. Milon Educational Administration
 Record of Study: "An Investigation of the Perceptions of Elementary Principals and Principal Supervisors Related to the Impact of the Texas Principal Evaluation System on Student Performance"
 Chair: Gwendolyn Webb-Johnson
- Marisela Elizabeth Payne Curriculum and Instruction
 Record of Study: "The Implementation Fidelity of Teacher's College Reading Writing Project Units of Study in Reading in K-2 Classrooms"
 Chair: Robin A. Rackley
 Co-Chair: Paul R. Hernandez
- Stefanie Noble Spencer Educational Administration
 Record of Study: "Culture Wars, Politics, and School Choice: To What Degree Are They Correlated?"
 Chair: Daniel H. Bowen

Doctor of Philosophy

- Hoda Alavi Nejad Educational Human Resource Development
 Dissertation: "Measuring Relationship Between Shared Leadership and Burnout Among Healthcare Providers in Sultanate Oman"
 Chair: Khalil M. Dirani
- Melanie Rae Almaguer School Psychology
 Dissertation: "The Role of Caregiver Resources on Pre-teens' Behavioral Health During the COVID-19 Pandemic"
 Chair: Krystal T. Simmons

- Hulya Avci Educational Psychology
 Dissertation: "Multi-ecological Exploration of Perceived Digital Competence of In-service U.S. Secondary School Teachers: A Multi-Method Investigation"
 Chair: Susan Pedersen
 Co-Chair: Cheryl J. Craig
- Shanna M. Bodenhamer Educational Psychology
 Dissertation: "Self-management of Communication Behaviors for Students with Autism"
 Chair: Jennifer Ganz
- Kun Chang Kinesiology
 Dissertation: "Esports Live Event Attendance: Motivation-based Esports Spectator Identity"
 Chair: Hyun-Woo Lee
 Co-Chair: Gregg Bennett
- Chelsea Cole Curriculum and Instruction
 Dissertation: "Opening the Door: Teacher Stories of Emotion Intertwined with Curriculum"
 Chair: Cheryl J. Craig
- Caroline Liza Daniel Educational Administration
 Dissertation: "At the Crossroads of Gender, Race, and Culture: A Hermeneutic Phenomenological Case Study on the Intersectional Identities of South Asian American Women in K-12 School Leadership"
 Chair: Beverly Irby
- Carolina Davila School Psychology
 Dissertation: "Development and Validation of a Tool for Selecting Culturally Responsive SEL Books for Early Childhood Education"
 Chair: Sara M. Castro Olivo
- Broderick Lee Dickerson Kinesiology
 Dissertation: "Effects of Fucoxanthin Supplementation During a 12-Week Exercise and Diet Intervention on Body Composition, Fitness, and Markers of Health in Overweight Women"
 Chair: Richard Kreider
- Anne Dietrich Kinesiology
 Dissertation: "Institutional Logics and Environmental Sustainability: Examining Practices in an International Professional Sport Organization"
 Chair: Brian P. McCullough
- Wenyi Du Educational Psychology
 Dissertation: "Analyzing Mediation Effects in Multilevel Data with a Count Mediator: A Comparative Simulation Study of Modeling Approaches"
 Chair: Paul R. Hernandez
 Co-Chair: Wen Luo

- Tyler Symone Evans Counseling Psychology
Dissertation: "The Relationship of Early Therapeutic Alliance, Baseline Client Symptom Severity, and Client Race to Duration in Therapy and Post Client Symptom Severity"
Chair: Charles Ridley
- Corbin Lee Franklin Educational Administration
Dissertation: "The Employee-organization Relationship: An Examination of Workplace Exploitation in Student Affairs"
Chair: Glenda D. Musoba
- Anthony J. Franzetti II. Counseling Psychology
Dissertation: "Examining the Moderating Effect of Time Spent Sleeping, Exercising, and Working on the Relationship Between Work-life Balance, Burnout, and Life Satisfaction in Latino STEM Professionals"
Chair: Lizette Ojeda
- Craig Alan Fulk Kinesiology
Dissertation: "Moving Toward the Institutionalization of Virtual Sport: Examining the Effects of Virtualization Technology on the Sport of Cycling"
Chair: Kristofer C. Nite
- Salandra Deshawn Grice. Curriculum and Instruction
Dissertation: "There's Something in the Water: A Phenomenological Analysis of the Experiences of Chief Diversity Officers Amid Anti-equity Legislation in P-12 Schools"
Chair: John Williams
Co-Chair: Arcasia D. James-Galloway
- Hailey Ann Harris Kinesiology
Dissertation: "Uncovering the 'Why': Decision Making in Personal Branding Choices of Female Athletes and Coaches"
Chair: Natasha T. Brison
- Jasamine Hill Kinesiology
Dissertation: "Psychological Safety in Athletic Departments: A Catalyst for Employee Life Satisfaction and Performance"
Chair: Min Jung Kim
- Danni Li Educational Psychology
Dissertation: "The Role of Cultural Values in Home Literacy Environment and Reading Development in Chinese American Immigrant Families: Examining Family Recognition Through Achievement and Filial Piety"
Chair: Jeffrey Liew
- Polet M. Milian Counseling Psychology
Dissertation: "Examining the Moderating Effect of Identity-based Acculturation Between Traumatic Stress and Depression on U.S.-born and Foreign-born Latine STEM College Students"
Chair: Linda Castillo
- Patrick Nolan Neff Kinesiology
Dissertation: "The Work of Becoming Legitimate: Scholastic Esports Organizations and the Quest for Access"
Chair: Kristofer C. Nite

- Joshua Jacob Philip Counseling Psychology
 Dissertation: "Examining Burnout, Self-efficacy, Career Satisfaction, and Life Satisfaction Among Women of Color in the Stem Industry"
 Chair: Lizette Ojeda
- Sarah Virginia Poor Curriculum and Instruction
 Dissertation: "Promoting College Students' Resistance to Socioscientific Issues Mis/disinformation"
 Chair: Benjamin Herman
- Cherilyn Renee Porter Curriculum and Instruction
 Dissertation: "Parents and Science Education: Parents' at Home Learning Experiences During the Covid Lockdown"
 Chair: Bugrahan Yalvac
- Erica Michelle Ritter Curriculum and Instruction
 Dissertation: "Hey, What's Going On: Exploring Sociopolitical Events and Perceptions Shaping the Landscape of Early Childhood Education Across Waves of Feminism"
 Chair: Radhika Viruru
- Naomi M. Ruffin School Psychology
 Dissertation: "Profiles of Childhood Ecological Risk and Protective Factors in Black Adolescent Delinquency"
 Chair: Jamilia Blake
 Co-Chair: Daniel B. Hajovsky
- Darby Lee Salge School Psychology
 Dissertation: "Crisis and Resilience: Parent Experiences Supporting Children with Autism Spectrum Disorder During the COVID-19 Pandemic"
 Chair: Leann V. Smith
- Miriam Marie Sanders Curriculum and Instruction
 Dissertation: "Team-based Learning in Mathematics"
 Chair: Karen E. Rambo
- Erika M. Schmitt School Psychology
 Dissertation: "Risk and Protective Factors of Bias-based Bullying and Hate Speech Victimization of Black Female Adolescents in United States Schools"
 Chair: Daniel B. Hajovsky
- Mikaela M. Spooner Counseling Psychology
 Dissertation: "Resilience and Adjustment Following the Onset of Disability"
 Chair: Timothy Elliott
- Ashley Marie Stack Curriculum and Instruction
 Dissertation: "The Effects of a Practice-based Reading Comprehension Professional Development on Teachers' Knowledge of Reading Comprehension: A Randomized-controlled Trial"
 Chair: Kausalai Wijekumar

- Angelia Katrina Swinton Curriculum and Instruction
 Dissertation: "Black Women Educators: Perceptions of Teacher Preparation and Identity Construction at Historically Black Colleges and Universities"
 Chair: Radhika Viruru
 Co-Chair: Gwendolyn Webb-Johnson
- Aileen Terrazas Counseling Psychology
 Dissertation: "Latine Gender Roles and Sexual Prejudice Towards Sexual Minorities"
 Chair: Linda Castillo
- Carly Windley Thornhill Counseling Psychology
 Dissertation: "The Relationships Between Help-seeking, Mental Health, and Health Risk Behaviors for Latina College Students Following Sexual Assault"
 Chair: Linda Castillo
- Natasha Lagoudas Wilkerson Curriculum and Instruction
 Dissertation: "Fractured Visions: An Analysis of Engineering Education Learning Goals for Middle School Classrooms"
 Chair: Joanne Olson
- Kaliah Marie Williams Educational Administration
 Dissertation: "Does TPAC Affect Principals' Perceptions? A Quasi-experimental Study Examining Principal's Perceptions of First-year Teachers' Preparedness to Employ Data-informed Instruction"
 Chair: Daniel H. Bowen
 Co-Chair: Valerie Hill-Jackson
- Guorun Xing Kinesiology
 Dissertation: "Paraxanthine on Cognitive Function: A Dose-response Study and a Comparison to Caffeine Before and After Exercise"
 Chair: Richard Kreider
- Choong Sung Yoo Kinesiology
 Dissertation: "Effects of Supplementation With Microalgae Extract From *Phaeodactylum tricornutum* Containing Fucoxanthin on Cognitive Function and Markers of Health in Older Men and Women With Evidence of Age-associated Memory Decline"
 Chair: Richard Kreider

College of Engineering

Doctor of Philosophy

- Amirhossein Abbasszadehrad Aerospace Engineering
 Dissertation: "Novel Laser Diagnostic Techniques Employing Atomic Vapors & Collection Geometry"
 Chair: Richard B. Miles
- Mohammad Aghajani Delavar Civil Engineering
 Dissertation: "Seismic Design and Testing of 3D Printed Concrete Walls"
 Chair: Petros Sideris

- Moustafa Hussein Ali Hussein Ali Interdisciplinary Engineering
 Dissertation: "Toward Feasibility and Sustainability of Oxidative Coupling of Methane: A Challenge and Opportunity for Process Intensification and Process Safety Management"
 Chair: Efstratios Pistikopoulos
- Yousef Mohammed N Almarzoq. Mechanical Engineering
 Dissertation: "Spectroscopic and NH₂* Chemiluminescence Measurements of Spherically Propagating Ammonia Flames"
 Chair: Eric Petersen
- Gabriel Joseph Apaza Aerospace Engineering
 Dissertation: "Generative AI in Design Space Exploration"
 Chair: Daniel Selva Valero
- Abhay Singh Bhadoriya Mechanical Engineering
 Dissertation: "Assisted Path Planning Between Heterogeneous Agents with Varied Structural and Motion Constraints"
 Chair: Sivakumar Rathinam
 Co-Chair: Dvahg Swaroop
- James Daniel Alan Brouk Aerospace Engineering
 Dissertation: "Crater Navigation and Map-based Localization with Probabilistic Extend Models and Multi-feature Assignments"
 Chair: Kyle DeMars
- David Edward Capps Aerospace Engineering
 Dissertation: "Tensegrity Systems Modeling to Manage Manufacturing Tolerances"
 Chair: Manoranjan Majji
- George W. Carpenter III Electrical Engineering
 Dissertation: "Pathfinder and Shadow: Autonomous Methods of Genomic Network Construction"
 Chair: Aniruddha Datta
- Sourav Chakravarty. Materials Science and Engineering
 Dissertation: "Engineering of Thermo-responsive Materials in Transient Thermal Systems"
 Chair: Patrick J. Shamberger
- Angela Tzeho Chan Computer Science
 Dissertation: "Exploring the Use and Affective Impact of Contextualized Remote Social Touch Communication"
 Chair: Bobak Mortazavi
- Min Su Choi Civil Engineering
 Dissertation: "Advanced Source and Age-resolved Chemical Transport Modeling of Brown Carbon, Ozone, and Secondary Inorganic Aerosol"
 Chair: Qi Ying
- Abigail Jones Clevenger Biomedical Engineering
 Dissertation: "The Impact of Microenvironmental Mediators on the Malignant Progression of Colorectal Cancer"
 Chair: Shreya Raghavan

- Natalie Coleman Civil Engineering
 Dissertation: "Assessing Inequities in the Recovery of Infrastructure Systems and Lifestyle Behaviors During Climate Hazard Events"
 Chair: Ali Mostafavi
- Siwei Cui Computer Science
 Dissertation: "Enforcing Software Security Properties with Semantic-aware Static Analysis"
 Chair: Shaoming Huang
- Aryabhat Darnal Mechanical Engineering
 Dissertation: "Chiral and Hierarchical Kerf Structures: Design, Simulation, and Experiment"
 Chair: Hanifah Muliana
- Hunter Jack Denton Aerospace Engineering
 Dissertation: "Aeromechanics, Flight Dynamics, and Control of Gun-launched Micro Air Vehicles"
 Chair: Benedict Moble
- David Jerome Dolt Electrical Engineering
 Dissertation: "Radiation-hardened Frequency Synthesizer Design"
 Chair: Samuel M. Palermo
- Yusuf Ajibola Falola Petroleum Engineering
 Dissertation: "Towards Computational Efficiency in Geological Carbon Storage: Machine Learning Compression and Prediction in Reservoir Modeling"
 Chair: Siddharth Misra
- Mingzhou Fan Electrical Engineering
 Dissertation: "Bayesian Optimal Experimental Design Under Model Mismatch"
 Chair: Xiaoning Qian
 Co-Chair: Byung-Jun Yoon
- Adwait Sanjay Gaikwad Materials Science and Engineering
 Dissertation: "Effect of Size and Concentration on the Mechanical Behavior of the Hydrogen-bonded Polymeric Systems"
 Chair: Pavan V. Kolluru
- Anirudh Gairola Chemical Engineering
 Dissertation: "Drug Delivery Systems Against Bacterial Infections"
 Chair: Hung-Jen Wu
- Chongjie Gao Industrial Engineering
 Dissertation: "Design and Manufacturing of High-performance Batteries for Implantable Applications"
 Chair: Shiren Wang
- Michail Gkagkos Electrical Engineering
 Dissertation: "Coding for Unsourced Random Access Channels and Connections to High-dimensional Compressed Sensing"
 Chair: Costas Georghiades
 Co-Chair: Jean-Francois Chamberland-Tremblay

- Nathan Curtis Gober Computer Engineering
 Dissertation: "Simulation Techniques for Modeling and Evaluating Processor Cores and Memory Systems"
 Chair: Paul Gratz
 Co-Chair: Daniel A. Jimenez
- Vasudev Arvindkumar Gohil Computer Engineering
 Dissertation: "Reinforcement Learning Techniques for Advancing Hardware Security"
 Chair: Jeyavijayan Rajendran
- Benjamin J. Gorr Aerospace Engineering
 Dissertation: "Science-driven Constellation Design and Operations for Earth Observation"
 Chair: Daniel Selva Valero
- Claire Marie Gregoire Mechanical Engineering
 Dissertation: "Laser Absorption Measurements of HCl in a Shock Tube for the Chemical Kinetics Study of Rocket Propellants"
 Chair: Eric Petersen
- Heng Guo Biomedical Engineering
 Dissertation: "Ultrasensitive and Stable Plasmonic Sensors for Non-invasive Biochemical Detection and Quantification"
 Chair: Limei Tian
- Zhishuai Guo Computer Science
 Dissertation: "Federated Learning for Non-decomposable Objectives"
 Chair: Tianbao Yang
- Mohammad Ruzlan Habib Biological and Agricultural Engineering
 Dissertation: "Utilization of FRM Samplers and Unique Atmospheric Cold Plasma Technology: A Respective Study on Air Quality and Food Safety"
 Chair: Sergio C. Capareda
 Co-Chair: Janie M. Moore
- Yasuyuki Hamanaka Petroleum Engineering
 Dissertation: "Investigation of the Influence of Perforation Erosion on High-frequency Distributed Acoustic Sensing"
 Chair: Ding Zhu
 Co-Chair: Alfred Hill
- Xiaotian Han Computer Science
 Dissertation: "Resource-efficient Machine Learning with Limited Data and Computation"
 Chair: Xia Hu
- Zhemín Hu Electrical Engineering
 Dissertation: "Application of Transmotor-flywheel Technology to Mild Hybrid Electric Vehicles"
 Chair: Mehrdad Ehsani
- Zhihan Hu Nuclear Engineering
 Dissertation: "Using Accelerator Ion Irradiation to Emulate Neutron Damage: Limitations and Mitigation Strategies"
 Chair: Michael Nastasi
 Co-Chair: Lin Shao

- Denis Johnson..... Chemical Engineering
 Dissertation: "Synthesis, Characterization, and Nitrogen Reduction Reaction Performance of Two-dimensional Titanium Nitride MXene Through the Mars-van Krevelen Mechanism"
 Chair: Abdoulaye Djire
- Cihat Kececi Electrical Engineering
 Dissertation: "New Contributions and Applications in Federated Learning"
 Chair: Erchin Serpedin
 Co-Chair: Katherin M. Davis
- Patrick M. Kelly Aerospace Engineering
 Dissertation: "Quasi-periodic Motion in the Earth-Moon-Sun Bi-elliptic Restricted Four-Body Problem"
 Chair: John Junkins
 Co-Chair: Manoranjan Majji
- Chaitanya Chowdary Kesanapalli..... Ocean Engineering
 Dissertation: "Hydroelasticity in Violent Wave Impacts, Utility-scale Wave Energy Conversion, and Structural Digital Twin"
 Chair: Heonyong Kang
- Sung Jin Kim..... Interdisciplinary Engineering
 Dissertation: "Developing *In Vitro* Organ Systems for Mechanistic Study"
 Chair: Arum Han
- Nahndi T. Kirk-Bradley..... Biological and Agricultural Engineering
 Dissertation: "Innovative Application of Atmospheric Cold Plasma for Mitigating Stored Product Pest Infestations and Implementing Sustainable Fumigation Solutions"
 Chair: Janie M. Moore
- Logan Kluis..... Aerospace Engineering
 Dissertation: "A Novel Metabolic Model for Ambulation in Hypogravity and Applications to Planetary Extravehicular Activity"
 Chair: Ana Diaz Artilles
- Maulik Chhabilkumar Kotecha Mechanical Engineering
 Dissertation: "Product Digital Twins: Design Heuristics and Guidelines Development"
 Chair: Daniel McAdams
- Ao Li..... Petroleum Engineering
 Dissertation: "Fluid Injection Monitoring and Optimization Using Streamlines, Pathlines, Source Clouds and Time Clouds"
 Chair: Akhil Dattagupta
- Shuangliang Li Electrical Engineering
 Dissertation: "The Development and Optimization of Impact-resistant Microfabricated Scanning Mirrors (IRMSMs) for Acoustic and Optical Imaging"
 Chair: Jun Zou

- Robert Harold Lightfoot, Jr. Interdisciplinary Engineering
 Dissertation: "The Assessment of Student Satisfaction and Competent Course Completion in Computer Science Service Courses When Using Competency-based Grading and Assignment Choice"
 Chair: Tracy Hammond
- Tao Liu Computer Engineering
 Dissertation: "Provable Learning with Real-world Constraints"
 Chair: Panganamala R. Kumar
- Samuel D. Martin Mechanical Engineering
 Dissertation: "Calibration of Macroscale Elastic and Frictional Properties of Bonded Particle Grains"
 Chair: Marcia A. Cooper
- Lorena Mejia Domenzain Industrial Engineering
 Dissertation: "Exact Gram-Schmidt QR Factorization"
 Chair: Erick Moreno Centeno
- Amira A. Mohammed Electrical Engineering
 Dissertation: "Evaluation of Microgrid Network Performance Using Hybrid Co-simulation Platform"
 Chair: Haitham Abu-Rub
 Co-Chair: Sertac Bayhan
- Samin Moosavi Mechanical Engineering
 Dissertation: "Resilient Sensor Fusion in Autonomous Vehicle Localization"
 Chair: Swaminathan Gopalswamy
- Youssef Tarek Diaaldeen Mortada Materials Science and Engineering
 Dissertation: "Advancing Additive Manufacturing in Construction: Sustainable Materials and Printability Assessment"
 Chair: Bilal Mansoor
 Co-Chair: Eyad Masad
- Emile Motta De Castro Mechanical Engineering
 Dissertation: "Multiscale Engineering of Semi-crystalline Thermoplastic Composite Performance"
 Chair: Amir Asadi
- Deeparekha Narayanan Materials Science and Engineering
 Dissertation: "Effect of Microstructural Features on the Corrosion Behavior of Additively Manufactured Co-Cr-AMo and Stainless Steel 316L for Orthopedic Applications"
 Chair: Homero Castaneda-Lopez
- Md Ehsanul Haque Nirjhar Computer Science
 Dissertation: "Expression and Perception of Stress in Interpersonal Communication Through the Lens of Multimodal Signals"
 Chair: Theodora Chaspari
- Suyash Sameer Oka Chemical Engineering
 Dissertation: "Structural Energy Storage Using Redox-active Polymers, Aramid Nanofibers, and Carbon Fiber Fabric"
 Chair: Jodie L. Lutkenhaus

- Oluwakemi Anu OlofinnikaPetroleum Engineering
 Dissertation: "Simultaneous Water-alternating Gas Mitigates Flared Gas and Enhances Oil Recovery in a Carbonate Permian Field"
 Chair: Esuru R. Okoroafor
- Benjamin Chukwumindu Ozumba Civil Engineering
 Dissertation: "Modeling Disaster Habitation for Improved Hazard Management Project Analysis"
 Chair: David Ford
- Silabrata Pahari Chemical Engineering
 Dissertation: "Advanced Material Design: Multiscale Modeling and Control of Nanostructure-property Relationships in Self-assembling Amphiphiles"
 Chair: Joseph S. Kwon
- Woosang Park Aerospace Engineering
 Dissertation: "Covariance Based Track Association Strategies for LEO and Cislunar Objects"
 Chair: Kyle Alfriend
- Raj Sanjaykumar PatelMaterials Science and Engineering
 Dissertation: "Understanding the Mechanical and Physical Anisotropy of Shales"
 Chair: Kelvin Xie
- Flavia Ioana Patrascu Civil Engineering
 Dissertation: "Deciphering Community Recovery Based on Fluctuations in Access"
 Chair: Ali Mostafavi
- John Edward PellessierMechanical Engineering
 Dissertation: "Innovative Approaches in Developing Transition Metal Based Catalysts for the Electrochemical Reduction of Carbon Dioxide"
 Chair: Ying Li
- Miguel Angel Pena IIINuclear Engineering
 Dissertation: "Refining Methods to Quantify Irradiation Hardening"
 Chair: Lin Shao
- Sagar Pokharel Aerospace Engineering
 Dissertation: "Self-consistent Modeling of Laser-induced Non-equilibrium Plasma"
 Chair: Albina Tropina
- Yutian Qian Chemical Engineering
 Dissertation: "Integration of Process Safety in Chemical Engineering Curriculum: An Initiative with Simulation and Project-based Learning"
 Chair: Faisal I. Khan
 Co-Chair: Sreeram Vaddiraju
- Yufeng Quan Chemical Engineering
 Dissertation: "Sustainable and Efficient Manufacturing of Metal-organic Frameworks Based Polymer Composites and Their Applications in Flame Retardancy"
 Chair: Qingsheng Wang

- Ajinkya RautMechanical Engineering
 Dissertation: "State-of-the-art Polymers for Green Tribology Applications"
 Chair: Andreas A. Polycarpou
 Co-Chair: Ali Erdemir

- Sidney Austin RickettsNuclear Engineering
 Dissertation: "Neutron Source Reconstruction from One-dimensional Imager of Neutrons at the Z Facility"
 Chair: Jim Morel

- Sankhadeep SarkarChemical Engineering
 Dissertation: "Electrochemical Modeling, Thermal Characterization, and Thermal Runaway Analysis of a Cylindrical Lithium-ion Battery"
 Chair: Faisal I. Khan
 Co-Chair: Mahmoud El-Halwagi

- Shitiz SehgalMechanical Engineering
 Dissertation: "Numerical Simulations of Vapor Absorption Phenomena in a Falling Film Absorber"
 Chair: Jorge Alvarado
 Co-Chair: Ibrahim G. Hassan

- Deep Mahipal ShahCivil Engineering
 Dissertation: "Leveraging Satellite Remote Sensing for Understanding Global Reservoir-based Droughts"
 Chair: Huilin Gao

- Rishabh SinglaComputer Engineering
 Dissertation: "Analysis of IoT Security Importance in Power Grids"
 Chair: Narasimha Annapareddy
 Co-Chair: Riccardo Bettati

- Brooke Lonae SmithBiological and Agricultural Engineering
 Dissertation: "Aerosolization Triggers Behavioral and Structural Changes Leading to Antibiotic Resistance in Bacteria"
 Chair: Maria King
 Co-Chair: Sandun Fernando

- Neelkamal SomisettyMechanical Engineering
 Dissertation: "Optimal Robust Sparse Networks: Algorithms for Maximizing Algebraic Connectivity in Robotic Applications"
 Chair: Dvahg Swaroop

- Jeremy Lee SounikMechanical Engineering
 Dissertation: "Experimental Analysis of Unsteady Film Cooling Effectiveness on Gas Turbine Blades Using Fast Response Pressure Sensitive Paint"
 Chair: Lesley M. Wright

- Tohoko TajimaPetroleum Engineering
 Dissertation: "The Effect of Lab Scale Heterogeneity on the Field Applicable Acid Fracturing Conductivity Model"
 Chair: Ding Zhu

- Kazuyuki Terada Petroleum Engineering
 Dissertation: "Multi-resolution Coupled Flow and Geomechanics Modeling Using Diffusive Time-of-flight and Pseudosteady State Pressure as Spatial Coordinate"
 Chair: Akhil Dattagupta
 Co-Chair: Michael King
- Ratul Mitra Thakur Chemical Engineering
 Dissertation: "Redox-active Polymers: Electrochemical Doping in Organic Semiconductors, Organic Battery Recycling, and Redox Chemistry in Solution"
 Chair: Jodie L. Lutkenhaus
- James Jude Tronolone Biomedical Engineering
 Dissertation: "AI-enabled Vascularized Microphysiological Systems for Disease Modeling and Translational Medicine"
 Chair: Abhishek Jain
- Edith Valle Electrical Engineering
 Dissertation: "Increasing the Efficiency of Detecting and Analyzing NMR-based Biomarkers of Disease"
 Chair: Mary P. McDougall
- Guillermo Vazquez Tovar Materials Science and Engineering
 Dissertation: "Machine Learning and Ab Initio Study of the Thermodynamic and Elastic Properties of High Entropy Systems"
 Chair: Raymundo Arroyave
- Zhide Wang Industrial Engineering
 Dissertation: "Structural Estimation of Partially Observable Markov Decision Processes and Partially Observable Stochastic Games: Theory and Applications"
 Chair: Yanling Chang
 Co-Chair: Alfredo A. Garcia
- Yanmo Weng Civil Engineering
 Dissertation: "Investigating the Machine Learning Techniques as an Extrapolation Approach in the Wind Engineering Domain"
 Chair: Stephanie Paal
- Rohan Singh Wilkho Civil Engineering
 Dissertation: "Advancing Disaster Informatics: AI-enabled Web Harvesting for Informing Flash Flood Mitigation Planning"
 Chair: Nasir Gharaibeh
- Tyrell Jakob Williams Biomedical Engineering
 Dissertation: "Hydrogel Microparticle-based Technologies to Address Challenges in Anaerobic Culture and Implantable Glucose Biosensing"
 Chair: Daniel L. Alge

- Bin Wu Mechanical Engineering
 Dissertation: "From Trust to Collaboration: Exploring the Dynamics of Multi-robot Learning under Decentralized and Partially Observable Conditions"
 Chair: Chii-Der Suh
- Jiachen Xi Industrial Engineering
 Dissertation: "Reinforcement Learning with Finite Time and Sample Guarantees"
 Chair: Peter Momcilovic
 Co-Chair: Alfredo A. Garcia
- Zhiyu Yan Electrical Engineering
 Dissertation: "Surface-micromachined Optical Ultrasound Transducer Array for 3D Photoacoustic Computed Tomography"
 Chair: Jun Zou
- Mengyue Yang Petroleum Engineering
 Dissertation: "Horizontal Well Production with Multi-stage Hydraulic Fractures under the Influence of Closure Stresses Using a Coupled Reservoir/Wellbore Flow Model"
 Chair: Ibrahim Y. Akkutlu
- Tsz-Yi Yang Biological and Agricultural Engineering
 Dissertation: "3D Vision and Machine Learning for Precision Diagnostics in Hydroponic Crop Production"
 Chair: Maria King
- Yuning You Electrical Engineering
 Dissertation: "Generalizable Graph AI for Biomedicine: Data-driven Self-supervision and Principled Regularization"
 Chair: Yang Shen
- Wajid Yousuf Petroleum Engineering
 Dissertation: "Investigation of Modeling of Stresses Around Borehole and New Proxy Formulations"
 Chair: Jihoon Kim
- Ruxin Zhang Petroleum Engineering
 Dissertation: "Robust Reservoir Management and Multi-objective Optimization of Field-scale Enhanced Oil Recovery"
 Chair: Akhil Dattagupta
- Zhen Zhang Civil Engineering
 Dissertation: "Assessing Corrosion Risk and Service Life Prediction of Superstructures in Texas Bridges"
 Chair: Stefan Hurlebaus
 Co-Chair: Arash Noshadravan
- Xilong Zhou Computer Science
 Dissertation: "Towards Practical and Robust Material Acquisition and Generation"
 Chair: Ergun Akleman
 Co-Chair: Nima Khademi Kalantari

School of Law

Juris Doctor

Reba E. George	Law
Holly Harrison	Law
Hannah S. Singley	Law
MacKenzie J. Watson	Law

School of Medicine

Doctor of Philosophy

Francesca Ogheneraro Agobe	Medical Sciences
Dissertation:	"Addressing Multidrug Resistant Bacterial Infections with Novel Antimicrobials and Drug Delivery Systems"
Chair:	Carolyn L. Cannon
John Edward Drake, Jr.	Medical Sciences
Dissertation:	"Utility of Incorporating Cell Proportions into Elastic Net Models to Impute Gene Expression for Psychiatric Ailments"
Chair:	Rajesh Miranda
Co-Chair:	Vladimir Vladimirov
Lauren Caroline Farris	Medical Sciences
Dissertation:	"Host and Bacterial Mechanisms of Type I Interferon Induction in <i>Borrelia burgdorferi</i> Infection"
Chair:	Jenny A. Hyde
Jacob Thompson Rutherford	Medical Sciences
Dissertation:	"Bacterial Enoyl-ACP Reductase, FabK, as a Microbiome Sparing, Antimicrobial Target"
Chair:	Julian Hurdle
Ankith Sharma	Medical Sciences
Dissertation:	"Probing Bacterial Tat Receptor Complex Oligomerization & FUS Condensate Substructure via Single Molecule Microscopy"
Chair:	Siegfried Musser
You Wu	Medical Sciences
Dissertation:	"Ras > RalGEF > Ral Signaling and Ral Exocyst Function in <i>C. elegans</i> Development"
Chair:	David Reiner

Irma Lerma Rangel School of Pharmacy

Doctor of Pharmacy

Rebecca Carmen Acebo	Pharmacy
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School of Public Health

Doctor of Philosophy

- Morgan James Grant Health Education
 Dissertation: "The Impact of Racial and SGM-related Discrimination on the Mental Health of Black Sexual and Gender Minority Adolescents"
 Chair: Tamika D. Gilreath
- Jungkyung Min. Health Education
 Dissertation: "Online Health Information Seeking Among U.S. Older Adults: Applying the Comprehensive Model of Information Seeking"
 Chair: Idethia S. Harvey

Doctor of Public Health

- Alyssa Marie Fisher Public Health Sciences
 Dissertation: "Patient-provider Communication on Health Behaviors: Development and Validity of the Weight-related Appraisal Stakes Scale"
 Chair: Mark D. Faries
- Nishat Tasnim Hasan. Public Health Sciences
 Dissertation: "Association Between Arsenic Exposure from Drinking Water and Kidney Health"
 Chair: Taehyun Roh
- Maria Teresa Roque Public Health Sciences
 Dissertation: "Assessing the Impact of Menstrual Hygiene Product Access on Adolescent Mental Health"
 Chair: Ping Ma

School of Veterinary Medicine and Biomedical Sciences

Doctor of Philosophy

- Mohammad Ameen M Abdulla Al-Mahmood Biomedical Sciences
 Dissertation: "Protective Efficacy of Turkey Herpesvirus (HVT) Vector Vaccines Against Infectious Bursal Disease and Newcastle Disease in Chickens"
 Chair: Sanjay Reddy
- Alison Basel. Biomedical Sciences
 Dissertation: "It Takes Two! Maternal and Paternal Alcohol Use Programs a Lasting Negative Effect on Adult Offspring"
 Chair: Michael C. Golding
- Alexis M. Carey Biomedical Sciences
 Dissertation: "Investigation of Fitness After Phase I and Phase II Flagellin Loss in *Salmonella* Typhimurium to Understand the Proliferation of Monophasic Variants"
 Chair: Keri N. Norman
 Co-Chair: Sara D. Lawhon

- Juan Pablo Fimbres Macias Biomedical Sciences
 Dissertation: "Triatomine Vectors of the Chagas Disease Parasite
 in Texas and Mexico: Natural History, Improved
 Surveillance, and Community Science"
 Chair: Sarah A. Hamer
- Lucie Ford Toxicology
 Dissertation: "Risk and Hazard Characterization of Environmental
 Chemicals and Defined Mixtures Using a Battery of
 Human *In Vitro* Methods"
 Chair: Ivan I. Rusyn
- En-Hsuan Lu Toxicology
 Dissertation: "Application of Chemical-specific New Approach
 Methodologies to Characterize Uncertainty and
 Variability in Probabilistic Risk Assessment"
 Chair: Weihsueh A. Chiu
- Luisa Fernanda Ramirez Agamez Biomedical Sciences
 Dissertation: "Factors Associated with the Efficiency of Assisted
 Reproductive Technologies (ARTs) in Horses"
 Chair: Charles Love
- Kelly Jane Rivenbark Toxicology
 Dissertation: "Assessment of Clay and Carbon-based Sorbents for the
 Remediation of Hazardous Environmental Contaminants
 from Water, Air, and Soil"
 Chair: Timothy Phillips
- Reetu Singh Biomedical Sciences
 Dissertation: "Reduced Lymphatic Pumping: A Common Consequence
 of Acute Exposure to Ionizing Radiation and Short Chain
 Fatty Acids"
 Chair: Glen Laine
 Co-Chair: Ranjeet M. Dongaonkar
- Chi-Hsuan Sung Biomedical Sciences
 Dissertation: "Assessment of the Fecal Microbiota and Selected
 Metabolites by Targeted Approaches in Cats with
 Chronic Enteropathy"
 Chair: Jan Suchodolski
- Shu Tang Biomedical Sciences
 Dissertation: "Long Noncoding RNA MALAT1 Regulates Inflammation
 and Sepsis, and the Development of Diabetes"
 Chair: Ramesh Vemulapalli
 Co-Chair: Yanan Tian
- Adrian Tinoco Najera Biomedical Sciences
 Dissertation: "Discovery of Noninvasive Biomarkers in Dogs with
 Chronic Hepatopathies"
 Chair: Jonathan A. Lidbury
 Co-Chair: Jan Suchodolski

- Han-Hsuan Tsai Toxicology
Dissertation: "Using *In Vitro* High-throughput Transcriptomic Data for Decision-making in Safety Evaluation of Mono-constituent and Complex Substances"
Chair: Ivan I. Rusyn
- Ramiah R. Vickers Genetics and Genomics
Dissertation: "The Stimulator of Interferon Genes in Mammary Gland Development"
Chair: Weston W. Porter
- Yu Xi Toxicology
Dissertation: "The Role and Mechanisms of METTL14 in Heart Failure"
Chair: Xu Peng
- Doctor of Veterinary Medicine*
- Stephanie Silva Veterinary Medicine

Candidates for Master's Degrees

College of Agriculture and Life Sciences

Presented by Dr. Jeffrey W. Savell, Dean

Department of Agricultural Economics

Master of Science

Agricultural Economics

Cristina Elise Griffith

Hakki Gokhan Sengul

Department of Agricultural Leadership, Education, and Communications

Master of Agriculture

Agricultural Development

Thesiana Jacqueline Graham

Luke Mitchell Hendryx

Master of Recreation and Youth Development

Recreation and Youth Development

Catherine Victoria Wood

Master of Science

Agricultural Leadership, Education, and Communications

Madeline Elaine Cure

Sherrie Loise Ray

Department of Animal Science

Master of Agriculture

Animal Science

Jessica Layne Spenrath

Master of Equine Industry Management

Equine Industry Management

Cori Kathleen-Jane Cansdale

Master of Science

Animal Science

Amanda L. Baxter
Lauren Ann Black
Sage Lake Boleman

Arianna Nicole Lopez
Tatiana E. Ramos

Department of Biochemistry and Biophysics

Master of Science

Biochemistry

Tanner Allen Stone

Department of Biological and Agricultural Engineering

Master of Science

Agricultural Systems Management

Yali Zhang

Department of Ecology and Conservation Biology

Master of Science

Ecology and Conservation Biology

Monica Ghosh

Justinn Jake Jones

Department of Entomology

Master of Science

Entomology

Gabriella Catherine Marotta

Department of Food Science and Technology

Master of Science

Food Science and Technology

Carlos De Jesus Carrete Quintero

Reyhaneh Sarkarat

Department of Horticultural Sciences

Master of Agriculture

Horticulture

Katherine JoAnn Hough Davidson

Department of Hospitality, Hotel Management and Tourism

Master of Science

Recreation, Park and Tourism Sciences

Alyanna L. Whitworth

Department of Poultry Science

Master of Agriculture

Poultry Science

Rahul Reddy

Ashley Rhys Wasnick

Master of Science

Poultry Science

Kamaryn Shaye Beamsley

Department of Rangeland, Wildlife and Fisheries Management

Master of Science

Rangeland, Wildlife and Fisheries Management

Anna Lynn Eismont

Dorothea Pauline Mildenerberger

Master of Wildlife Science

Wildlife Science

Adam Michael Phillips

Department of Soil and Crop Sciences

Master of Science

Agronomy

Hazal Camci Arik

Connor R. Hansen

Molecular and Environmental Plant Sciences

Ashifa Cahyani Trisnaputri

School of Architecture

Presented by Dr. Chanam Lee, Executive Associate Dean

Department of Construction Science

Master of Science

Construction Management

Dhara Pankajkumar Anghan

Department of Landscape Architecture and Urban Planning

Master of Land and Property Development

Land and Property Development

Kevin Kim

Master of Urban Planning

Urban and Regional Planning

John H. Hoang

College of Arts and Sciences

Presented by Dr. Adam R. Seipp, Associate Dean

Department of Anthropology

Master of Science

Maritime Archaeology and Conservation

Brandon William Lentz

Austin Clifford Siess

Department of Atmospheric Sciences

Master of Science

Atmospheric Sciences

Emma N. Heienickle
Kassidy A. Lange

Jonathan C. Lewis
Libert Niyonkuru

*Department of Biology**Master of Science**Biology*

Brianna Marie Barrera
 Audrey Nicole Bradley
 Annabelle Hailey Coffman
 Mohanad Hesham El-Sobky

Velena Elizabeth Fisher
 Logan Mitchell
 Brooke NeShea Stair

Microbiology

† Stephen Oluwafemi Oderinde

Mariajose Tarot Palma

*Department of Chemistry**Master of Science**Chemistry*

Daniel James Bronner
 Dillion Chen

William Timothy Darrow
 Hyunjin Kim

*Department of Communication and Journalism**Master of Arts**Communication*

◇ Cassandra L. Julian

*Department of Economics**Master of Science**Economics*

◇ Angela Munoz Torres
 John Paul Najvar

◇ Daniel Nunez Gallegos
 Xiangyu Ren

*Department of English**Master of Arts**English*

Renee Constance George

Department of Geography

Master of Science

Geography

Jerad Everett King

Emily Rabel

Water Management and Hydrological Science

Salai Thura Zaw

Department of Geology and Geophysics

Master of Science

Geology

Maram Zaki H Al Saif
Melanie Ann Brewer

Paige Klug
Brandon M. Richardson

Geophysics

Omar Abdullah M Aldhalea
Matthew S. Anderson

Richard Asirifi
Aritrika Saha

Department of History

Master of Arts

History

Joseph Ryan LeFave

Leslie Nicole Torres

Department of Mathematics

Master of Science

Mathematics

James Bennette

Bradley Check

Department of Oceanography

Master of Science

Oceanography

Siobhan Kassem-Courtney
Ellen Marie Laaker

Phoebe Anne Scharle

*Department of Philosophy**Master of Arts**Philosophy*

Pak Him Lai

◇ Hayden Christopher Ridings

*Department of Physics and Astronomy**Master of Science**Astronomy*

Xingzhuo Chen

*Department of Psychological and Brain Sciences**Master of Science**Psychological Sciences*Claire E. Bowman-Callaway
Robyn Denise Douglas
Chase Alan GauseShivani Ashok Mansharamani
Savannah Justine Woller*Department of Sociology**Master of Science**Sociology*

Latresa Sharon Williams

*Department of Statistics**Master of Science**Statistical Data Science*

Samantha Lucas

*Statistics*Bryan Barrett
Kamren Dennis Bernhardt
Heidi Odette Bullock
◇ Justin Lee Cho
Case C. Herndon
Bilal Rafaqat HussainPawan Kumar
John Le
◇ Ethan Patrick McDonald
Chance Wadsworth
Daniel Michael Walsh

Bush School of Government and Public Service

Presented by Mr. John B. Sherman, Dean

Department of International Affairs

Master of International Affairs

International Affairs

◇ Alan Eduardo Garcia Martinez

Master of International Policy

International Policy

Edward Daniel Camacho
Kyle Raymond Hallowell
Thomas Foster Healey

Anna Jung
John David Reid
Christopher Swain

Master of National Security and Intelligence

National Security and Intelligence

Dakarai Johnson
Beverly Carlene Richardson

Robert Joseph Durand Scheerer

Department of Public Service and Administration

Master of Public Service and Administration

Public Service and Administration

◇ Jack Reilley Callahan
Robert N. Castanon
Landis Joseph Cravens
Joshua Dunbar
Whitney Escoto
Joshua Michael Fox
Keaton Stewart Mattick

Grace Elizabeth Poston
Marina Rabinck
Brandon Charles Seery
Richard Anthony Serna
Jeremy Scott Shaffer
Stephen J. Welsh

Mays Business School

Presented by Dr. Nate Y. Sharp, Dean

Master of Business Administration

Business Administration

Adam M. Baldwin
Molly Rene Dias

Sophie Anne Mullens
Raluca Elena Narita

◇ *Double Degree*

*Master of Science**Business*

Mathew L. Alban
Bennett Davis

Caitlin Elaine Harbin
Kimberly Tanisha Riley Mason

*Department of Accounting**Master of Science**Accounting*

- | | |
|---------------------------|--------------------------|
| ◇ Steven Manuel Gabaldon | ◇ Presley Nicole Smith |
| Alondra Puentes Hernandez | ◇ Brandon Gabriel Torres |
| Rachelle Morris | ◇ Taylor Alexa Wenzel |
| Carly S. Siddons | |

*Department of Finance**Master of Financial Management**Financial Management*

- | | |
|------------------------------|--------------------|
| ◇ Kole D. Feldman | Wilson F. Martin |
| Fernando J. Gonzalez Argueta | Timothy M. Megason |
| Roque Daniel Guerrero | ◇ Ethan D. Tisdale |

*Department of Information and Operations Management**Master of Science**Management Information Systems*

- | | |
|------------------------|--------------------------------|
| Joseph Preston Coffaro | Tyler Paul McCracken |
| Chrissie Cordray | Sonal Mishra |
| Devon Diffie | Harshad More |
| William I. Donaldson | Ronald Vincent Jocson Pabello |
| Shikha Gupta | Barth Alan Payne |
| James P. Jacobson | Huy Vo Hung Phan |
| Justin Blake Lim | Brian Allen Shipman |
| ◇ Luke C. Lytle | Catherine Kimberleigh Sinacori |
| Daniel Martinez | Daniel A. Sirias |
| ◇ Lizbeth Martinez | John Michael Wanke |
| Sara S. Mawani | Ted Winston |

*Department of Management**Master of Science**Entrepreneurial Leadership*

Ted W. Burton
Endyia Rogers

Jaydan Wood

◇ *Double Degree*

School of Dentistry

Presented by Dr. Lily T. Garcia, Dean

Master of Science

Oral Biology

Madhuri Krishna Annepu

Allison Miles Lee

School of Education and Human Development

Presented by Dr. Michael A. de Miranda, Dean

Department of Educational Administration and Human Resource Development

Master of Education

Educational Administration

Javier Saldana-Gil

Master of Science

Educational Administration

Karina Sarai Badillo Ogg
Kaitlin Elizabeth Coley
Alison Rae Dorsey

Cortney Ann Graves
Bailey Evelyn Priest

Educational Human Resource Development

Stefani Anastasia Hanes
Kristen J. LeForte

Valerie Puckett Townsend

Department of Educational Psychology

Master of Education

Bilingual/ESL Education

Erik Dorbecker Garcia
Courtney Johnson

Rigoberto Rodriguez Ibarra

Educational Psychology

Hanna Elizabeth Gregg
Macy Michelle Melton
Magaly Elizabeth Perez Ortega

Lauryl O. Salami
Rebekah Noelle Valma

Learning Design and Technology

Mahnoor Agha
Kelly Lynn Marshall

Evan Lee Peterson
Maria Gabriela Reyes Tapia

Department of Kinesiology and Sport Management

Master of Science

Sport Management

Isaac Cameron Esqueda
Carson Dean Field
Logan C. Keith
Brian Land

Matthew Pegula
Madison A. Pickard
Macie M. Satterwhite
Kory Ray Toney

Department of Teaching, Learning and Culture

Master of Education

Curriculum and Instruction

Isabella C. Acosta
Eleanor Kay Antestenis
Melanie Michelle Barkemeyer
Lauren E. Bennett
Allison D. Bobbitt
Steve Brechler
John C. Brockman
Jacqueline Rose Brown
Molly R. Brown
Alexandria Aimee Campbell
Alejandra Celorio Baez
Garrett L. Chandler
Rebekah E. Clark
Erin Elizabeth Clay
Brandi Alissa Costello
Crystal Michelle Cousert
Megan Celeste Covington
Courtney Michelle Cox
Kathryn Elizabeth Curry
Jamie Stout Davis
Parker H. Doyle
Stephanie Leigh Dusek
Kelsey Oree Eaton
Emmeline Marie Efferson
Hayley L. Fleener
Aryana A. Garcia
Maura Jade Garcia
Angelina Marie Gonzalez
Ty Stephen Hale
Michael S. Hand
Andrew E. Hanna
Hannah R. Hart
Kinley Ashton Hatch

Hayden Reese Hayes
Emily Ann Hendrix
Natalie Rose Herring
Mallory J. Hoffman
Holly K. Holsberry
Nicole Alexis Jordan
Brandon David Kauvar
Julia Fallon Kelly
Elizabeth J. Lee
Lauren Lewellen
Jaelan C. Linville
Mackenzie N. Logan
Laurel Ann Lutonsky
Hallie Ruth Lyons
Natalie Ann Boutot Manner
Kaia Michelle Mantor
Malorie Kathryn Mayner
Madelyn Emilee Miller
Abbie Marie Moy
Kaitlyn Shay Moye
Lauren Rene Peterson
Emily Alicia Pillow
Jacob Ted Pitzer
Jadah Platt
Patricia Michelle Porter
Tiffany Pullen
Ashlyn Tayte Ramsey
Carsyn Paige Rosenquist
Bailey Saha
Jocelyn Reighan Salazar
Micah Catherine Sanders
Chloe Rebecca Schindewolf
Pauleena L. Sears

Corinne N. Shepherd
 Natalie M. Solis
 Alexandra Kate Taylor
 Emma Leigh Taylor
 Jaclyn L. Taylor
 Sarah Faye Tillman

Anna C. Vasquez
 Abigail E. Wilburn
 Addison Grace Willis
 Kaylin Marie Wright
 Carson Elizabeth Yanta

Master of Science

Curriculum and Instruction

Elizabeth Nicole Miller

Lisa M. Perkins

College of Engineering

Presented by Dr. Duncan M. Walker, Associate Dean

Master of Science

Energy

Ricardo Aragon
 Joshua Maximillian Encinas
 Hunter Aaron Howton
 Eric Marsico
 Matheus Luiz Pasti

Jessica Rios-Black
 Carlos Sandoval Mercado
 Anthony Tarabay Rahme
 Kyle N. Wilson

Department of Aerospace Engineering

Master of Engineering

Aerospace Engineering

Luke Thomas Ball
 Omer S. Coban
 Giorgi Gvasalia
 Eleazar Gadiel Herrera
 Hernandez

Donovan E. McGruder
 Joshua Samuel Mendes
 Oliver Kolbe Nelson

Master of Science

Aerospace Engineering

Juan J. Anaya
 Sangheon Choi
 Joseph Kiley Heimerl
 Abigail Siena Maltese
 Nandhini Manikandan

Cassie Kay McQuinn
 Sumin Seo
 Hrudayavani S. Vellore
 Chieh-Yu Wu

Department of Biological and Agricultural Engineering

Master of Science

Biological and Agricultural Engineering

Hardev Singh

Ashley N. Voight

Department of Biomedical Engineering

Master of Engineering

Biomedical Engineering

Anushka Sanjeev Bhawsinka

Sindeesh Reddy Padidam

Master of Science

Biomedical Engineering

Majed Othman H Althumayri
Anna L. Keller

Brendan McKee
Vidhya Shree Ravi

Department of Chemical Engineering

Master of Biotechnology

Biotechnology

Ruth Ayegba
Saika Beerval

Divya Ganga
Eswar Sai Abhishek Sadhu

Master of Engineering

Chemical Engineering

Nituparna Dey
Vaishnavi Nemaniwar

Vignesh Shankar

Master of Science

Chemical Engineering

Gunnar Burley
Jitendra Choudhary
Madeline Grace Demny
Aovi Ajit Deshpande

Abraham Alexander Kister
Harsh Birenkumar Shah
Vishaal Vidyaprakash

Department of Civil and Environmental Engineering

Master of Science

Civil Engineering

John Stavinoha Craig	Tal Mizrahi
Joren Devin Andrew Falcon	Sateesh Kumar Puri
Yunkyoung Han	Dhanesh Yeganantham
Laith Nasser Mirweh Masoud	

Department of Computer Science and Engineering

Master of Computer Science

Computer Science

Matthew Maximilian Atanas	Homa Pesarakli
Kevin Si Noh	Nicholas Edward Robert

Master of Engineering

Computer Engineering

Pawan Sai Ramaswamy

Master of Science

Computer Engineering

Jaewoo Lee

Computer Science

Nkemdi F. Anyiam	Aayush Gautam
Dheep Manish Dalamal	Shilpa Mukhopadhyay
Shaheen Michael Ebrahimi	Deepak Suresh
Lance G. Fletcher	Wei Zhang

Department of Electrical and Computer Engineering

Master of Science

Computer Engineering

Tzu-Hsiang Lin	Kishore Sholur Ashokkumar
Vanishree Raghavendraprasad	Sreelakshmi Sreedevi
Mithil Rajashekhar Rao Belle	Yuntao Xie
Shejuti Shehreen	

Electrical Engineering

Changju Bak	Nathaniel T. Martin
Ziyuan Guo	Roshan Voduri
Arun Kumar Manoharan	Zaiyan Xu

*Department of Engineering Technology and Industrial Distribution**Master of Science**Engineering Technology*

Mitchell Bispo Dos Santos, Jr.	Jaime Pablo Lopez
Rodrigo Jose Calle Arana	

*Department of Industrial and Systems Engineering**Master of Engineering**Industrial Engineering*

Spencer Blake Carrasco	Nisarg Hiteshkumar Prajapati
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*Master of Science**Engineering Management*

Annette Alanis	Alyssa Danyel Reed
Hitesh Mandava	Bhushan Ramesh Shiwankar

Industrial Engineering

Naveen Kumar Aavula	Aaditya Gopal Holani
Chirag Anantha	Jeevesh Jain
Akash Raja Anbarasu	Vinayak Diwakar Joshi
Aakash Balaji Bala Vignesh	Rutuparna Prabhakar Kale
Vidhya Darshini Banoth	Nadish Kandasamy Loganathan
Aditya Kundan Bhavaraju	Anurag Vasudeo Karulkar
Mihir Vallabhbbhai Bodrya	Vignesh Ramamoorthy
Harshit Chawla	Kumarasamy
Venkata Sai Kishan Chintalapati	Tanvi Jitendra Kuray
Jagadesh Kumar	Supraja Madiraju
Cigurupadi Mohan	Saravana Prabhakaran
Swadesh Dilip Daphale	Mahalingham
Parth Sanjaybhai Dave	Pulkit Maheshwari
Kishore Madavan Ganesan	Deepak Sandar Manoharan
Naveen Shrinivas	Rohith Moozhil Joison
Godhantaraman	Surya Vardhan Mugatha
Dhruman Mukesh Gohil	Rojith Madhusoodhanan Nair
Neha Gunreddy	Amarnath Narahari Rao Anitha
Jeevan Chowdary Gunturi	Srinivasa Murthy
Jayesh Arvind Gupta	Sumedh Suresh Neharkar
Ajaya Harish Chandra Kumar	Pranav Pravin Nikam
Atharva Shirish Hasabnis	Sai Teja Palakurthy

Sairithvik Papudesu
 Harsh Jatinbhai Patel
 Abhishek Subhash Patil
 Chaitanya Bhausaheb Patil
 Disha Jaysing Patil
 Swarali Patil
 Sai Harsha Pisapati
 Mahati Aditya Pisipati
 Nirmal Rajagopal
 Lohith Rama Naik
 Harish Ravichandiran
 Sahil Kumar Saggar
 Ajith Kumar
 Sathappa Subramanian

Dixit Rajeshbhai Savani
 Dev Nilesh Shah
 Jash Rakeshkumar Shah
 Parthiv Vinesh Shah
 Abhishek Roshan Shrivastav
 Chetna Singh
 Hashir Sohrab
 Nikilesh Sreeram
 Adithyun Srinivasan
 Lu Sun
 Surya Prakash Tamiri
 Harshil Bhavin Trivedi
 Ankita Varshney

Department of Materials Science and Engineering

Master of Engineering

Materials Science and Engineering

Ekaterina Ryabikovskaya

Master of Science

Materials Science and Engineering

Brittany Nicole DeNicholas
 Li Cheng Hsiao
 Brenden Michael Postma

Jungtaek Son
 Jack Ryan Summers

Department of Mechanical Engineering

Master of Engineering

Mechanical Engineering

Alec B. Bagby
 Sarah Bailey

Newton Isaac Rufino

Master of Science

Mechanical Engineering

Manu Anupkumar Karthiayani
 Athithya Vikram Balaji
 Adithya Bhalaji
 Aniket Ranjit Bhalerao
 Ritwik Bhattacharya
 Roarke Bradley
 Anthony John Dudlo
 Alexander Gutenberg
 George Francis Kupper
 Juliet M. Leger
 Yangyuan Li

Shubham Jitendra Marulkar
 Asfiya Sumran Khanam Mayana
 Yash Ajit Narendra
 Garrison Adam Neel
 Ajinkya Snehalraj Patil
 Smruti Sanjaykumar Shah
 Nachiket Nitiin Shende
 Meryem Soltane
 Akash Krishna Umate
 Rishikesh Dnyaneshwar Vadghule
 Martin A. Viassolo

Department of Multidisciplinary Engineering

Master of Engineering

Engineering

Chadwick Hunter Dabbs
Krista Renee Moreira
Antonio Santana

Robert Saylor
Charles Andrew Tapp

Department of Nuclear Engineering

Master of Science

Nuclear Engineering

Pramatha Bhat
Danielle South Freyman
Zachary D. Hughes

James Robert Passmore
Thomas B. Vandever

Department of Ocean Engineering

Master of Science

Ocean Engineering

Brandon David Roth

Department of Petroleum Engineering

Master of Science

Petroleum Engineering

Fatimh Nory H Almarzoog
Maria Paula Gomez Carrillo
Isabella Guzman Piedra
Axel Perwira Indro

Eduardo Orozco Morales
Qingjia Song
Dinghan Wang

School of Law

Presented by Mr. Robert B. Ahdieh, Dean

Master of Laws

Laws

Fateh Elalim Elimam Abuelgasim
Jose Luis Cuellar
Joel Gerard Hassell
Nathaniel Walter Mallory

Karsten Mock
Marquice D. Robinson
Whitney L. Whitehead

Master of Legal Studies

Legal Studies

Michael W. Aamold	Oval Gabrielle Saraphina Hughes
Kristen Paige Abshire	Caroline Joyce Ireland
Juanita N. Alcira	Toni Marie Jameson
Craig S. Andrews	Donea Lynn Jones
Charles R. Arnold	Natalya Karayan
Misty D. Aucoin	Kristina M. Kennedy
Jody L. Benavides	Sorita King
Julie Burciaga Berber	Brandee D. Lee
Weylan Atwood Bryant	Elizabeth Medina
Charles Curtis Buford	Rekeshia Michelle Moore
Lindsey Michelle Bynum	Katelynn J. Mosier
Bryan Matthew Cardenas	Steven Andrew Nodine
Jose G. Cardenas	Erin Nicole Obregon
Albertina Del Pilar	Jamie Lee Olivarez
Cardiel Chavez	Angelica Orellana
KaToya Neville Carter	Candace Parker
Alexis Monique Chapa	Melody Perez
Robert Christopher Cherry	Brooke Robyn Lee Ramby
Brian Eugene Chester	Derek J. Reyes
Kennedy R. Cooper	Rudy Reyes
Christopher P. Depa	Peter John Ricca
Shilpi Pankaj Desai	Taylor Brooke Rogers
Zachary Dean Facio	Marvin Rolles
Scott Robert Fazzio	Nesa M. Rose
Maria Trinidad Flores	Joel L. Sanchez
Makaira Denay Folks	Julie Seal
Rose M. Garcia	Lindsey Nicole Tarr
Shaniaya D'Nae Griffin	Antonio Thomas
Lisa M. Gutierrez	Nathaniel Ehren Thomas
Tra'Keyvion V. Hale	Kelley M. Thurston
Karolyn D. Hanus	Jonathan Terrell Turner
Tamara E. Hardin	Chéré Cotter Vinson
Sydney Adelle Harjo	Benjamin M. Williams
Andrew William Haskell	Kevin A. Williams
Tiffany N. Hill	Sean T. Williams
Kendra Marie Honeycutt	Charmetri Wrice-Bulluck
Keyssy Dominique Hoskins	Melanie Silberman Yanock

School of Medicine

Presented by Dr. Amy L. Waer, Dean

Master of Science

Education for Health Care Professionals

Kevin Edward Schlicksup

Natalie Matthews Washburn

School of Nursing

Presented by Dr. T. Leann Horsley, Dean

Master of Science in Nursing

Forensic Nursing

Jennifer Lynn Acuna
Cherry D. Baker
Sasha Asibelua Barnes
Casey E. Bayer
Lauren Paige Cooper
Lisa Ann King

Whitney Mills
Emiley Helen Morgan
Danika T. Moving Sweeney
Sherri A. Smith
Elizabeth Ann Tuttle

School of Performance, Visualization and Fine Arts

Presented by Mr. Timothy D. McLaughlin, Dean

Master of Science

Visualization

Logan Michael Diebold
Sophie Juang
Hayden Alan Loos
Sarah Elizabeth Luster

Bria Haydin Peters
Madhurya Ratnakar
Sarah Ann Razook
Shih-Ya Wong

School of Public Health

Presented by Dr. Shawn G. Gibbs, Dean

Department of Environmental and Occupational Health

Master of Public Health

Occupational Safety and Health

Kyleigh M. Murphy

Department of Epidemiology and Biostatistics

Master of Public Health

Biostatistics

Weiyi Huang

Epidemiology

Josephine Allen
Prerana Gurudath
Kristen Michelle Hernandez
Reina R. Hingoranee
Muhammad Tarequul Islam

Danielle Joya
Chigaekwu Prisca Lekwauwa
Hannah Renee Paduch
Shelby Alexis Strother
Lorenzo Torres, Jr.

Department of Health Policy and Management

Master of Health Administration

Health Administration

Luis A. Molina

Cathy Tran

Master of Public Health

Health Policy and Management

◇ Alan Edwardo Garcia Martinez

Samantha Pacheco

School of Veterinary Medicine and Biomedical Sciences

Presented by Dr. Michael F. Criscitiello, Associate Dean

Master of Science

Biomedical Sciences

Brooke Elizabeth Burris
Helen Rose Hunter

Elyssabeth Vaughn Pratt

Department of Veterinary Integrative Biosciences

Master of Science

Biomedical Sciences

Brianna H. Gaston
Robert Kopluku

Tiffany Michelle Thompson

Science and Technology Journalism

Alyson Chapman

Benjamin Clark Lacount II

Veterinary Public Health - Epidemiology

Sophie Beatrice Adame

Lauren Elizabeth Cole

Department of Veterinary Large Animal Clinical Sciences

Master of Science

Biomedical Sciences

William David Toronjo

Department of Veterinary Pathobiology

Master of Science

Biomedical Sciences

Max N. Chung
Evan Stuart Jones

Jillian B. Poteet

Department of Veterinary Physiology and Pharmacology

Master of Science

Biomedical Sciences

Caitlin Athena Rose Taruc Libed
Nirvana Mahabir

Sarai M. Milliron

Toxicology

Samera Lemma Mulatu

Latin Honors

Students graduating with Latin honors distinctions have enrolled in and successfully completed a minimum of 60 undergraduate semester hours required for the baccalaureate degree. The category of Latin honors attained is determined by grade point average of all college hours attempted, excluding transfer hours. The categories are as follows:

Cum Laude: A student may be graduated *Cum Laude* with a Grade Point Average of 3.500 to 3.699.

Magna Cum Laude: A student may be graduated *Magna Cum Laude* with a Grade Point Average of 3.700 to 3.899.

Summa Cum Laude: A student may be graduated *Summa Cum Laude* with a Grade Point Average of 3.900 or above.

Honors Stoles

Texas A&M undergraduates who complete the requirements for any of the distinctions listed above or for college- and departmental-level honors programs are awarded a gold satin stole to wear with their commencement robes. The university presents the stoles to honors graduates in recognition of their accomplishments.

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 placed 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 School 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 School 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®

TEXAS A&M UNIVERSITY®

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.

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