



TEXAS A&M UNIVERSITY
Commencement

August 9, 2025, 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 9, 2025, 2 p.m.

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

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



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. Claire E. Katz, Associate Provost for Faculty Advocacy

Stage Party

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

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

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

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

Announcers

Mr. Mike Fitch, Admissions Counselor, Office of Admissions

Mr. Steve Fullhart, Media Lead, BlueForge Alliance

The Texas A&M University System Board of Regents

Mr. Robert L. Albritton, Chairman Fort Worth

Mr. Jay C. Graham, Vice Chairman Houston

Mr. David C. Baggett Houston

Mr. John W. Bellinger San Antonio

Mr. James R. "Randy" Brooks San Angelo

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

Mr. William "Bill" Mahomes, Jr. Dallas

Ms. Kelley Sullivan Georgiades Galveston

Mr. R. Sam Torn Houston

Mr. Jaquavous S. Doucette (Student Regent) Fort Worth

Chancellor

Mr. Glenn Hegar Katy

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, College of Architecture	Dr. Lingqian “Ivy” Hu
Dean, College of Arts and Sciences	Dr. Mark J. Zoran
Dean, Bush School of Government and Public Service	Honorable John B. Sherman
Dean, Mays Business School	Dr. Nate Y. Sharp
Dean, College of Dentistry	Dr. Lily T. Garcia
Dean, College of Education and Human Development	Dr. Michael A. de Miranda
Vice Chancellor and Dean, College of Engineering	Dr. Robert H. Bishop
Dean, School of Engineering Medicine (interim) . . .	Dr. Timothy Boone
Dean, School of Law and Vice President for Professional Schools and Programs	Mr. Robert B. Ahdieh
Dean, College of Medicine	Dr. Amy L. Waer
Dean, College of Nursing	Dr. T. Leann Horsley
Dean, College of Performance, Visualization and Fine Arts	Mr. Timothy D. McLaughlin
Dean, Irma Lerma Rangel College of Pharmacy	Dr. Mansoor A. Khan
Dean, School of Public Health	Dr. Shawn G. Gibbs
Dean, College of Veterinary Medicine and Biomedical Sciences	Dr. Bonnie R. Rush
Dean, College of Marine Sciences and Maritime Studies, Texas A&M University at Galveston	Dr. Deborah J. Thomas
Dean, Texas A&M University at Qatar	Dr. César Malavé
Vice Provost for Faculty Affairs	Dr. Blanca M. Lupiani
Vice Provost of Academic Affairs (interim)	Dr. Michael D. Johnson
Associate Provost and Dean, Graduate and Professional School	Dr. Fuhui Tong
University Librarian and Assistant Provost, Texas A&M University Libraries	Ms. Julie A. Mosbo Ballestro
Senior Vice President for Strategy and Business Services	Mr. Joseph P. Pettibon II
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 Financial Officer and Vice President for Finance	Mr. John W. Crawford



Chief Information Officer and Vice President for
Information Technology Mr. Edwin L. Pierson
Chief Operating Officer and Vice President,
Texas A&M University at Galveston Colonel Michael E. Fossum (Ret.)
Vice President and Chief Marketing
and Communications Officer Mr. R. Ethan Braden
Vice President for Human Resources and
Organizational Effectiveness Mr. Henry D. Judah
Vice President for Research (interim) Dr. Costas N. Georghiades
Vice President for Student Affairs Dr. Bill Kibler
Chief Operating Officer and Associate Vice President,
Higher Education Center at McAllen (acting) Dr. Sandra Hansmann
Chief Operating Officer and Associate Vice President,
Texas A&M – Washington, D.C. Colonel J. P. McDonough
Athletic Director Mr. Trev K. Alberts
Chief Compliance Officer Ms. Lisa K. Akin
Commandant of the Corps
of Cadets Lieutenant General James W. Bierman, Jr. (Ret.)

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 Philosophy

- Anjorin Ezekiel Adeyemi Agricultural Leadership, Education, and
Communications
Dissertation: "An Evidence Synthesis, Delphi Study, and Text Mining
and Content Analysis of the Determinants of the Adoption
of Climate-Smart Cocoa Practices"
Chair: Zhihong Xu
- Binita Adhikari Plant Pathology
Dissertation: "Role of BiP, ER Sensors, and Transcription Factors
in Establishing PIAMV-GFP Infection, Cell-Cell and
Systemic Movement"
Chair: Jeanmarie Verchot
- Kayla Ann Beechinor Plant Breeding
Dissertation: "Analyzing Unoccupied Aerial Systems Benefits to
Enhance Plant Breeding Pipeline Efficiency"
Chair: William L. Rooney
- Katherine M. Berg Plant Pathology
Dissertation: "Assignment of Function to 9/13-AOS-Derived Ketols and
Death Acids in Maize"
Chair: Mikhailo Kolomiets
- Rose Christy Blanchard Ecology and Conservation Biology
Dissertation: "Functional Ecology and Diversification of Western
Mosquitofish Morphology"
Chair: Joshua S. Perkin
Co-Chair: Anna M. Lawing
- Swatadipta Chakraborty Biochemistry and Molecular Biophysics
Dissertation: "Deciphering the Functions of Ubiquitin and Ubiquitin-
Like Protein Pathways"
Chair: Pingwei Li
- Chen Chen Food Science and Technology
Dissertation: "Effect of Proanthocyanidins on Pulse Protein Properties"
Chair: Joseph M. Awika
- Mazette Louise Croom Poultry Science
Dissertation: "Impact of Endocannabinoid-Associated Signaling
System Modulation on the Behavioral Responses of Feed
Restricted Broiler Breeder Pullets"
Chair: Rosemary Walzem

- Coumba Fall Plant Pathology
 Dissertation: "Identification of Molecular Markers Associated with Anthracnose and Grain Mold Resistance of Sorghum and Insights on Sorghum – Pathogen Interactions"
 Chair: Clint Magill
- Fan Fan Agricultural Economics
 Dissertation: "Risk and Resilience in U.S. Crop Production: Essays on Market Insurance, Predictive Modeling, and Genetic Climate Adaptation"
 Chair: David Leatham
 Co-Chair: Yong Liu
- Toyosi Timilehin George Food Science and Technology
 Dissertation: "Effect of Polymeric Proanthocyanidins on the Stability of 3-Deoxyanthocyanin in Aqueous Systems"
 Chair: Joseph M. Awika
- Nirjhar Ruth Ghosh Nutrition
 Dissertation: "Evidence-Based Practice Competencies and Informed Dietary Decision-Making"
 Chair: Bradley C. Johnston
- Megan Phyllis Greenwood Agricultural Leadership, Education, and Communications
 Dissertation: "Stakeholder Understanding and Opportunities for Learning About Structural Soundness in Beef Cattle: A Mixed Methods Study"
 Chair: Theresa P. Murphrey
- John Michael Grunseich Entomology
 Dissertation: "The Role of Natural Defenses, Including Lipoygenase and 12-Oxophytodienoate Reductase Enzymes and Other Metabolites in Plant Resistance to Rootworms"
 Chair: Julio Bernal
 Co-Chair: Anjel M. Helms
- Erin Mackenzie Harris Entomology
 Dissertation: "Micronutrient Concentration Impacts Neonate Life-History Traits of *Hermetia illucens* and *Cochliomyia macellaria*: Implications in Insects as Food and Feed and Forensics"
 Chair: Jeffery Tomberlin
- Isaac Daniel Juarez Hinojosa Toxicology
 Dissertation: "Raman Spectroscopic Diagnostics of Arsenic Bioaccumulation in Rice"
 Chair: Dzmitry L. Kourouski
- Naga Rajitha Kavuri Plant Pathology
 Dissertation: "Role of Long Intergenic Non-Coding RNA Involved in Plant-Microbe Interactions"
 Chair: Kranthi K. Mandadi
- Fabian Leon Plant Breeding
 Dissertation: "Genomic Prediction Approaches for Grain Sorghum Hybrids in Central and South Texas"
 Chair: William L. Rooney

Joshua Ethan Lerner	Ecology and Evolutionary Biology
Dissertation:	"A Unified Framework for Resilience Analysis: Bridging Ecosystem Dynamics and Infrastructure Design"
Chair:	Russell A. Feagin
Chia-Wei Lin	Soil Science
Dissertation:	"Synthesis, Stability, and Ion Exchange Behaviors of Feldspathoids Formed Under Carbonate-Rich Alkaline Conditions"
Chair:	Youjun Deng
Co-Chair:	Julie A. Howe
Kuo Liu	Agricultural Economics
Dissertation:	"Consumer Behavior, Market Segmentation, and Pricing Dynamics in the Vitamin Supplement Market"
Chair:	Yu Zhang
Benjamin Sesario Lopez	Agricultural Economics
Dissertation:	"Essays on Forecasting Energy Commodities and Enhancing Rural Resilience Through Data-Driven Decision Tool"
Chair:	Ariun Ishdorj
Mei-Kuei Lu	Ecology and Conservation Biology
Dissertation:	"Spaceborne LiDAR and Citizen Science for Characterizing Forest Canopy Height and Biomass with Machine Learning Methods"
Chair:	Sorin Popescu
Shea Jessica Mackey	Animal Science
Dissertation:	"Nutritional Strategies to Enhance Performance in Feedlot Cattle"
Chair:	Reinaldo F. Cooke
Norman Lee May	Ecology and Conservation Biology
Dissertation:	"The Past, Present, and Future of Wildfire in the Lost Pines of Bastrop County, Texas"
Chair:	Urs P. Kreuter
Andie C. Miller	Ecology and Evolutionary Biology
Dissertation:	"Ecological Isolation and Strain-Specific Traits in the Fall Armyworm (<i>Spodoptera frugiperda</i> : J.E. Smith)"
Chair:	Gregory Sword
Pedro Javier Monagas-Valentin	Biochemistry and Molecular Biophysics
Dissertation:	"Investigating Novel Substrates of Protein O-Mannosylation in the Nervous System Using <i>Drosophila</i> Model"
Chair:	Junjie Zhang
Zachary Brian Nowak	Agricultural Leadership, Education, and Communications
Dissertation:	"A Delphi Method: Defining the Measurable Indicators of Success for Agriculture, Food, and Natural Resource Teachers"
Chair:	Timothy H. Murphy

- Junepyo Oh Entomology
Dissertation: "Unraveling the Tripartite Molecular Interaction Between '*Candidatus* Liberibacter solanacearum', *Bactericera cockerelli*, and Tomato Hosts"
Chair: Cecilia Tamborindeguy
- Samantha Marie Rocha-Selman Plant Pathology
Dissertation: "Of Wastewater and Drinking Water, Addressing Deficits in the Modern Day"
Chair: Yuan Dai
Co-Chair: Clint Magill
- Gargi Sivaram Biochemistry and Molecular Biophysics
Dissertation: "Orphan Nuclear Receptors NR4A1 and NR4A2 Regulate Transcription of MerTK and CCL5 — Two Important Regulators of the Tumor Microenvironment"
Chair: Robert Chapkin
- Cooper A. Svajda Plant Pathology
Dissertation: "Investigating the Impacts of Sidechains on De-Novo Protein Generation"
Chair: Shuhua Yuan
Co-Chair: Yuan Dai
- Abhinav Bharathwaj Swaminathan. Biochemistry and Molecular Biophysics
Dissertation: "Defining Mitochondrial Protein Functions Using Multi-disciplinary Approaches"
Chair: Pingwei Li
- Megan Carissa Teel Agricultural Leadership, Education, and Communications
Dissertation: "Investigation of Student Success (Academic Performance) in a Small, Rural School: An Examination of Grit and Self-Efficacy in the Context of Demographics and School Involvement"
Chair: Theresa P. Murphrey
- Ilksen Topcu Plant Pathology
Dissertation: "Microbial Community Shifts Driven by Maize Domestication, Geographic Spread, and Breeding, and Implications for Bioinoculant Development"
Chair: Sanjay Antony-Babu
- Ubaldo Torres, Jr. Agronomy
Dissertation: "Digital Tools and Unmanned Aerial Systems for Weed and Crop Management"
Chair: Muthukumar V. Bagavathiannan
- Jordyn Vanportfliet Genetics and Genomics
Dissertation: "Characterizing Innate Immune and Inflammatory Responses in Models of Mitochondrial Dysfunction"
Chair: Andrew P. West
Co-Chair: Raquel Sitcheran
- Ryan M. Weesner Ecology and Evolutionary Biology
Dissertation: "Avian haemosporidia of the Caucasus Mountains: Host-Parasite Dynamics in a Biodiversity Hotspot"
Chair: Gary Voelker

- Ranyue Xiao Recreation, Park and Tourism Sciences
 Dissertation: "Applying the Prospect-Refuge Theory to Assess the Effect of Seating Areas in Urban Parks on Attention Restoration and Social Interaction"
 Chair: Carl S. Shafer
- Jingyuan Zhang Agricultural Economics
 Dissertation: "Understanding Stakeholders' Decision Making: Applications of Choice Modeling in Agriculture and Resource Policies"
 Chair: Grace Melo Guerrero
- Yaqing Zheng Agricultural Economics
 Dissertation: "Three Essays on Consumer Preferences, Unpaid Non-Market Work, and Household Time Use"
 Chair: Ariun Ishdorj

College of Architecture

Doctor of Philosophy

- Yizhen Ding Urban and Regional Science
 Dissertation: "Green Space, Microbiota, and Children's Mental Health: Exploring the Additional Pathway Between Environmental Exposure and Mental Well-Being"
 Chair: Dongying Li
- Homa Pesarakli Architecture
 Dissertation: "Evaluating the Impacts of Design on the Occurrence of Interruption Events During the Medication Process in Intensive Care Unit"
 Chair: Zhipeng Lu
 Co-Chair: Farzan Sasangohar
- Dingding Ren Urban and Regional Science
 Dissertation: "Determining the Impact of Urban Vacant and Abandoned Land on Urban Surface Temperatures in Vulnerable Communities in Houston"
 Chair: Galen D. Newman
- Jason Robert Spencer Architecture
 Dissertation: "The Avatar Effect As an Integrated Methodology: AI-Assisted Virtual Production for Adaptive Curriculum Design, Learner Profiling, and Industry-Aligned Pedagogy in Graduate Filmmaking Education"
 Chair: Gregory A. Luhan
 Co-Chair: Stephen Caffey
- Antonio A. Vazquez Molinary Architecture
 Dissertation: "Multi-Objective Optimization of Windcatcher Performance for Natural Ventilation and Daylighting in a Tropical Hot and Humid Climate Using Parametric Modeling"
 Chair: Liliana Beltran

- Haoyue Yang Urban and Regional Science
 Dissertation: "Designing Urban Parks for Diversity and Inclusion: A Case Study of Intergroup Contact in Houston Community and Neighborhood Parks"
 Chair: Chanam Lee
 Co-Chair: Xuemei Zhu
- Sahar Zandi Architecture
 Dissertation: "Impact of Augmented and Virtual Reality on Architectural Design Processes and Professional Self-Efficacy"
 Chair: Gregory A. Luhan
 Co-Chair: Stephen Caffey
- Chunwu Zhu Urban and Regional Science
 Dissertation: "Urban AI for Safe and Equitable Streets: Evaluating Roadway Safety and Equity Through Artificial Intelligence Approach"
 Chair: Xinyue Ye

College of Arts and Sciences

Doctor of Philosophy

- Maria Valentina Aduen Ramirez Communication
 Dissertation: "The Rosie Washington Farm Case Study: Legal, Historical, and Rhetorical Narratives of Invention for Environmental Justice"
 Chair: Nathan A. Crick
- Lupita Sarahi Aguirre Chemistry
 Dissertation: "The Pursuit of Carbon-Carbon Bond Formations Through the Development of NMR Technologies, Highly Reactive Reagents, and Synthetic Methods"
 Chair: Andy Thomas
- Mohsen Ghanem A Alshahrani Mathematics
 Dissertation: "Temporal Splitting Schemes for Multiscale Problems"
 Chair: Yalchin Efendiev
 Co-Chair: Eduardo Gildin
- Matthew R. Alwood Neuroscience
 Dissertation: "Dorsal Hippocampus Supports Context-Mediated Defensive Reactions to Highly Imminent Threats"
 Chair: Justin M. Moscarello
- David Jeffrey Anderson Philosophy
 Dissertation: "Expressing the Ineffable: The Meaning and Value of Religious Perspective in the Philosophy of Ludwig Wittgenstein"
 Chair: Claire Katz
- Danniel Arriaga Chemistry
 Dissertation: "Leveraging Reactive Intermediates for New Bond Formation Strategies via Mechanism Driven Method Development"
 Chair: Andy Thomas

- Kianna Arthur. Psychology
 Dissertation: "The Role of Attentional Bias, Counterfactual Thinking, and Protective Behavioral Strategies in Vape Users"
 Chair: Rachel Smallman
- Mayson Claire Astle. Psychology
 Dissertation: "How Choice Context Shapes Memory: The Self-Choice Effect Across Choice Target and the Experience of Choice Overload"
 Chair: Brandon Schmeichel
- Yael Avnaim Hamou Regev. Communication
 Dissertation: "Lost in the Frame: Photography, Tourism, and the Rise of Hyperreal Iconography"
 Chair: Nathan A. Crick
- Jaime Ayala. Chemistry
 Dissertation: "Heterostructure Engineering for Solar Energy Modulation and Solar Fuel Production"
 Chair: Sarbajit Banerjee
- Juan Balcazar. Psychology
 Dissertation: "The Role of Motivation and Affect on Cognitive Flexibility"
 Chair: Joseph M. Orr
- James K. Baldwin. Sociology
 Dissertation: "Architects of Segregation: Governing the New Urban Mosaic Through Racialized Housing Organizations"
 Chair: Joe Feagin
 Co-Chair: Heili Pals
- Cindy Verenisse Barahona. Sociology
 Dissertation: "Delayed Transitions: Navigating Legal Violence and Illegality Among Undocumented College Graduates"
 Chair: Nancy Plankey-Videla
- Ashley N. Barros. English
 Dissertation: "Devysing Felaweshipe and Framing the Social Storyworld: A Study on Textual Intersubjectivity and Reader Participation in Medieval Framed Tale Collections"
 Chair: Britt Mize
- Hugo Bayer Reichmann. Neuroscience
 Dissertation: "Prefrontal Mechanisms of Fear Suppression During Fear Memory Consolidation and Extinction"
 Chair: Stephen Maren
 Co-Chair: Justin M. Moscarello
- Amber Michelle Blazek. Sociology
 Dissertation: "A Sociological Exploration of Corporate Pollution from the Electric Power Sector"
 Chair: Harland Prechel
- Ian B. Boley. History
 Dissertation: "All Things to All Men: The Reagan Administration's Conception of the Strategic Defense Initiative"
 Chair: Jonathan Coopersmith

- Christopher J. BottMathematics
 Dissertation: "Computation of Schubert Galois Groups"
 Chair: Frank Sottile
- Ashley Nicole BraaksmaChemistry
 Dissertation: "Comparative Stereochemical Effects in Ring-Opening
 Polymerization of Six-Membered Cyclic Carbonates from
 D-Glucose, D-Mannose, and D-Galactose, and Extension
 to Sulfur-Containing Analogs"
 Chair: Karen Wooley
- Connor K. Brubaker Statistics
 Dissertation: "Frequency Band Analysis for Multiple Biomedical Time
 Series"
 Chair: Scott Bruce
 Co-Chair: Mohsen Pourahmadi
- Haley Irene Burke Philosophy
 Dissertation: "Hermeneutic Solidarity: Interpretive Charity for the
 Social Domain"
 Chair: Theodore George
- Kyle T. BurnsChemistry
 Dissertation: "Proton Reduction Catalysis Enhanced Though Second-
 ary Sphere Pendant Amine Interactions Within Nickel
 Complexes"
 Chair: Marcetta Darensbourg
- Jason Azriel Campos Sociology
 Dissertation: "The Barrio Lives on: Social Constructions of Criminality
 and Resistance in a Gentrifying San Diego Community"
 Chair: Robert J. Duran
- Joseph Floyd Carr Microbiology
 Dissertation: "Unraveling the Mechanisms That Drive Outer Mem-
 brane Adaptations and Antimicrobial Resistance in
 Gram-Negative Bacteria"
 Chair: Angela M. Mitchell
- Peggy Sue Carris Sociology
 Dissertation: "More Than a Fish Out of Water: How Institutional
 Type Shapes First-Generation College Students' Sense of
 Belonging and Academic Success"
 Chair: Patrick A. Goldsmith
- Andrew Joshua ChristjoyCommunication
 Dissertation: "The Resilient Church: A Case Study of First Baptist
 Church Calvert Texas"
 Chair: Anna W. Wolfe
- Delaney Catalina CouriCommunication
 Dissertation: "Reconciling Representations: Queer and Religious
 Identity on Television"
 Chair: Kristan A. Poirot
- Van DangClinical Psychology
 Dissertation: "Immune Neglect and Focalism in Affective Forecasting:
 Potential Interventions to Reduce Biased Emotional
 Predictions in Anxiety"
 Chair: Heather Lench

Erik Davis	Mathematics
Dissertation:	"Goss L-Functions of Sinha Modules"
Chair:	Matthew Papanikolas
Sahar Delfan	Physics
Dissertation:	"Nanophotonic Interferometric Biosensors"
Chair:	Marlan Scully
Owen C. Dorsey	Ecology and Evolutionary Biology
Dissertation:	"Navigating Kinship and Hybrid Selection: Unravelling the Inbreeding Paradox, Juvenile Social Dynamics, and Genomic Selection in <i>Xiphophorus</i> "
Chair:	Charles Criscione
Co-Chair:	Gil Rosenthal
Kelly Jo Eblen	Communication
Dissertation:	"Branded by the Gridiron: Objects, Sites, and Bodies Constituting Texas High School Football"
Chair:	Anna W. Wolfe
Evan Marshall Fox	Chemistry
Dissertation:	"Spatially Defined Organic Redox Polymers to Probe Effects of Redox Site Spacing on Structure Property Relationship"
Chair:	Emily Pentzer
Valentia Fragkiadaki	Mathematics
Dissertation:	"Dyadic Harmonic Analysis: Weighted Bounds for Paraproduct and Sparse Operators, and Fractional Sobolev Spaces"
Chair:	Patricia Alonso Ruiz
Co-Chair:	Irina Holmes
Angie M. Galal	Communication
Dissertation:	"Between Visibility and Invisibility: Exploring Arab Identity and Belonging"
Chair:	Nathan A. Crick
Jenna Garcia	Chemistry
Dissertation:	"Nuclear Forensic Analysis of a Historical ²²⁶ Ra Pigment Sample"
Chair:	Charles Folden
Jhanvi Kapoorchand Garg	Statistics
Dissertation:	"Efficient Sampling from Multimodal Distributions: Theory and Applications"
Chair:	Quan Zhou
Diana Patricia Guerra	Psychology
Dissertation:	"Sex-Specific Neural Circuits of Signaled Active Avoidance"
Chair:	Justin M. Moscarello
Tanuj Gupta	Mathematics
Dissertation:	"Diederich-Fornæss Index and the Global Regularity of the Complex Green Operator"
Chair:	Emil Straube

Sophia Noel Handel	Psychology
Dissertation:	"The Influence of Goal-Directed and Habitual Processes on Cocaine Satiety and Punished Cocaine Seeking in Rats"
Chair:	Rachel Smith
Gabrielle Harmon	Chemistry
Dissertation:	"Ferrocene, Nickelocene, and Cobaltocene as Solid Solutions and Their Use in Creating Single Atom Catalysts: A Solid-State NMR Study"
Chair:	Janet Bluemel
Emily Ann Harris	Physics
Dissertation:	"Quantifying Alpha Clustering in ^{16}O and ^{20}Ne Using Indirect Techniques"
Chair:	Grigory V. Rogachev
Sungee Hong	Statistics
Dissertation:	"Advancing Distributional Off-Policy Evaluation in Reinforcement Learning"
Chair:	Raymond Ka Wai Wong
Mary Elizabeth Jalufka	Sociology
Dissertation:	"Residential Attainment in the United States: Evidence from Full-Count Microdata and Administrative Records"
Chair:	Mary E. Campbell
Zhenfei Jiang	Physics
Dissertation:	"Enhanced Sensing and Imaging"
Chair:	Marlan Scully
Co-Chair:	Girish Agarwal
Smriti Kumar	Chemistry
Dissertation:	"The Role of Environment in Studying Non-Covalent Interactions Involving Membrane Proteins Using Native Mass Spectrometry"
Chair:	Arthur Laganowsky
Miranda Elaine Leal-Garcia	Biology
Dissertation:	"Investigating the Role of L-selectin Shedding in Neutrophil Function Following Spinal Cord Injury"
Chair:	Dylan A. McCreedy
Shih-Guo Li	Chemistry
Dissertation:	"Bioinspired, Degradable, and Recyclable Redox-Active Polypeptides for Sustainable Energy Storage and Bio-medical Applications"
Chair:	Karen Wooley
Xingchi Li	Statistics
Dissertation:	"Detecting and Segmenting Watermarked Texts from Language Models"
Chair:	Xianyang Zhang
Yiyun Li	Applied Physics
Dissertation:	"Entomological Lidar --- Where Optics Sheds Light on Insect Studies"
Chair:	Marlan Scully
Co-Chair:	Alexei Sokolov

Jordy Cheyem Lopez Garcia	Mathematics
Dissertation:	"Newton Polytopes and Toric Varieties for Periodic Graph Operators"
Chair:	Frank Sottile
Jessica C. Lowe	Psychology
Dissertation:	"Self-Discrepancies and Counterfactual Thinking: The Role of Self-Enhancement and Self-Improvement Motives"
Chair:	Rachel Smallman
Jacob Joseph Mankenberg	Physics
Dissertation:	"Topology and Geometry in 3D Magnetic Textures: Hopfions, Skyrmions, and Domain Wall Membranes"
Chair:	Artem G. Abanov
Caitlyn Elizabeth Maye	Clinical Psychology
Dissertation:	"The Impact of Multisystemic Risk and Protective Factors on Sleep Health in Black Adolescents with High Body Weights"
Chair:	Idia B. Thurston
Co-Chair:	Robert Heffer
Octavio Miranda	Chemistry
Dissertation:	"The Design and Synthesis of Novel Hydrogen Bond-Promoted Pseudoladder Conjugated Polymers"
Chair:	Lei Fang
Thomas Zane Moore	Applied Physics
Dissertation:	"Integrating Cavity Enhanced Vibrational Spectroscopy for Planetary Exploration"
Chair:	Alexei Sokolov
Morgan Smith Osborne	Microbiology
Dissertation:	"Secretion and Processing of Substrates During Clostridioides Difficile Sporulation"
Chair:	Joseph A. Sorg
Nataleigh Kristine Perez	Geography
Dissertation:	"Modeling Past, Present, and Future High-Elevation Peatland Dynamics in the Peruvian Andes"
Chair:	David Cairns
Co-Chair:	Julie Loisel
Michael A. Portal	Philosophy
Dissertation:	"The Problem of Evil and Being in Levinas and Blanchot"
Chair:	Claire Katz
Co-Chair:	Daniel Conway
Emily K. Raibley	Psychology
Dissertation:	"Making Sense of Ostracism: How Attributions for Ostracism Influence Emotions and Behaviors"
Chair:	Heather Lench
Isaac A. Ray	Statistics
Dissertation:	"Nonparametric Statistical Approaches to Manifold-Aware Clustering, Estimation and Prediction"
Chair:	Huiyan Sang

- Cody Michael Richter Sociology
 Dissertation: "I Am Who I Think You Are: (Non)Verification, Social Inference, and Deviance"
 Chair: Heili Pals
 Co-Chair: Jane Sell
- Justin D. Rogers English
 Dissertation: "Art and Abyss: The Use of the Supernatural in Late Victorian Decadent Fiction"
 Chair: Mary A. O'Farrell
- Kathryn R. Rowe Sociology
 Dissertation: "'Keeping Men Out of Women's Sports?': An Analysis of Legitimate Sex/Gender Discourses in Twenty-First Century Elite Sport"
 Chair: Theresa M. Morris
- Dipankar Sen Physics
 Dissertation: "Application of Optical Coherence Microscopy, Raman Spectroscopy and Fluorescence Microscopy in Agriphotonics"
 Chair: Alexei Sokolov
 Co-Chair: Aart Verhoef
- Ehsan Shakeri Chemistry
 Dissertation: "Phosphines Covalently Bound to Silica and Adsorbed on Activated Carbon Surfaces: A Solid-State NMR Study of Their Dynamics and Surface-Assisted Oxidation with Air"
 Chair: Janet Bluemel
- Sreyashi Sinha Chemistry
 Dissertation: "Characterization of a Bacterial Vitamin B₂ Catabolic Pathway"
 Chair: Tadhg Begley
- Alaina Renee Spiers Communication
 Dissertation: "Patient-Centered Co-Creation of a Novel Tool for Learning About and Diagnosing Pelvic Floor Disorders"
 Chair: Richard Street
- Hao Tan Chemistry
 Dissertation: "Modular Synthesis of Aziridines with N-Aminopyridinium Reagents"
 Chair: David C. Powers
- Zhanduo Tang Physics
 Dissertation: "Self-Consistent T-Matrix Approach to Strongly-Coupled Quark-Gluon Plasma"
 Chair: Ralf Rapp
 Co-Chair: Saskia Mioduszewski
- Seth A. Thompson Atmospheric Sciences
 Dissertation: "Understanding Aerosol Cloud-Forming Properties Associated with Deep Convection Across Greater Houston Texas"
 Chair: Sarah Brooks

James Christian Vanjak	Chemistry
Dissertation:	"Use of Borolides to Advance Organolanthanide Chemistry"
Chair:	Michael Nippe
Ankur Verma	Physics
Dissertation:	"Light Scalar Mediators in Beyond Standard Model Physics: Neutrino Non-Standard Interactions"
Chair:	Bhaskar Dutta
Yinuo Wang	Geology
Dissertation:	"A Novel Application of Horizontal Wells in Aquifer Thermal Energy Storage System"
Chair:	Hongbin Zhan
John T. White	Anthropology
Dissertation:	"Investigating Terminal Pleistocene and Early Holocene Human Occupation of Southcentral Alaska"
Chair:	Frank Goebel
Co-Chair:	Heather B. Thakar
Allyson Marie Wierenga	English
Dissertation:	"Curing the Child: Analyzing Fictional Illnesses in Middle Grade Media"
Chair:	Sara DiCaglio
Kayla Alyse Wilson	Clinical Psychology
Dissertation:	"Reactivity to Negative Pictures and Transdiagnostic Distress and Fear: An ERP Investigation"
Chair:	Annmarie E. Macnamara
Hulin Yang	Physics
Dissertation:	"Kinetics of Bose-Einstein Condensation of Magnons in Ferromagnetic Films"
Chair:	Valery Pokrovsky
Shuai Yin	Chemistry
Dissertation:	"Earth-Abundant Iron Catalysis Enables Access to a Novel Reactivity via Multi-Component Cross-Coupling Reactions"
Chair:	Osvaldo Gutierrez Santacruz
Nour Ziad Mohamed Kamel Zeid	Communication
Dissertation:	"Persuasion in Motion: Strategic Narrative Design and the Power of Transportation in Health and Politics"
Chair:	Hart Blanton
Yu Zheng	Chemistry
Dissertation:	"Effects of Electrolyte Structure, Dynamics and Chemistry on the Performance of Lithium-metal and Sodium-metal Batteries"
Chair:	Perla Balbuena
Yi Zhuang	Physics
Dissertation:	"Prospects for Detecting and Measuring Time Variation of Astrophysical Neutrino Sources at Dark Matter Detectors"
Chair:	Louis E. Strigari

Eustache Zihahirwa Zigashane Sociology
 Dissertation: "Essays in the Political Sociology of Conflict and Development in Africa: Case Study of the Democratic Republic of Congo"
 Chair: Nancy Plankey-Videla

Mays Business School

Doctor of Philosophy

Toshinori Fukui Business Administration
 Dissertation: "Essays on Operating Leverage and Finance"
 Chair: Adam C. Kolasinski

Aaron David Heinrich Business Administration
 Dissertation: "Essays in Operations Management"
 Chair: Harry Geismar
 Co-Chair: James D. Abbey

Soo Hyung Park Business Administration
 Dissertation: "The New Product Portfolio: Implications from the Behavioral Theory of the Firm"
 Chair: David Griffith

Yujie Ruan Business Administration
 Dissertation: "Essays on How Institutional Investors Shape Corporate Decisions"
 Chair: Shane A. Johnson

Haneul Yi Business Administration
 Dissertation: "Try Before You Buy: Measuring Innovation Synergy Using Textual Analysis"
 Chair: Xiaoding Liu
 Co-Chair: Shane A. Johnson

Chi Zhang Business Administration
 Dissertation: "Pricing, Generative AI, and Creativity of Digital Artworks"
 Chair: Venkatesh Shankar
 Co-Chair: Yan Liu

Qilong Zhu Business Administration
 Dissertation: "Essays on Small Business Order Fulfillment Operations and Distribution Regulations"
 Chair: Gregory Heim
 Co-Chair: Chelliah Skriskandarajah

College of Education and Human Development

Doctor of Education

Melissa Anne Kelly Curriculum and Instruction
 Record of Study: "Elementary Parent Perceptions of Charter Schools in Texas"
 Chair: Karen E. Rambo
 Co-Chair: Michelle M. Kwok

Kristal Parrish Curriculum and Instruction
 Record of Study: "Heavy Hours: Secondary ELA Teachers' Experiences
 and Perceptions of Time and Work Intensification"
 Chair: Radhika Viruru
 Co-Chair: Sharon D. Matthews

Alexes Marquita Terry Curriculum and Instruction
 Record of Study: "'Because When They Win, We All Win': Exploring the
 Influence of Mentorship on Black Resident Teachers'
 Development in Urban Schools"
 Chair: John Williams
 Co-Chair: Quinita D. Ogletree

Doctor of Philosophy

Israel E. Arevalo School Psychology
 Dissertation: "Effects of School-Parental Involvement on the Relation-
 ship Between Externalizing Problem Behaviors and
 Academic Performance Among ELL Latine School-Aged
 Children"
 Chair: Sara M. Castro Olivo

Anne Stuart Bell Counseling Psychology
 Dissertation: "The Influence of Rural Cultural Markers on the Rela-
 tionship Between Negative Healthcare Interactions and
 Disengagement"
 Chair: Timothy Elliott
 Co-Chair: Charles Ridley

Kristianna Marie Bowles Educational Administration
 Dissertation: "Pro-Environmental Behaviors and Barriers to Engage-
 ment for On-Campus Residents"
 Chair: Christine A. Stanley
 Co-Chair: Gerard Kyle

Anjali Chaudhary Educational Psychology
 Dissertation: "Mathematics Anxiety, Enjoyment, and Achievement:
 Longitudinal Models of Within-Person and Between-
 Person Effects"
 Chair: Idean Ettekal

Yu-Po Cheng Neuroscience
 Dissertation: "Human Electrocortical Dynamics During Visually-
 Guided Locomotion in Projected Virtual Reality"
 Chair: Andrew Nordin
 Co-Chair: Brian A. Anderson

Katelin Sue Dias Counseling Psychology
 Dissertation: "Validation of the Fatigue and Altered Cognition Scale in
 Individuals with Multiple Sclerosis"
 Chair: Carly E. McCord
 Co-Chair: Timothy Elliott

Chanwook Do Kinesiology
 Dissertation: "Beyond the Regular Season: The Important Role of Pre-
 Season Tours"
 Chair: Min Jung Kim
 Co-Chair: Hyun-Woo Lee

- Kristian Osarieme Edosomwan Curriculum and Instruction
 Dissertation: "Surveying Parent Course Placement Perceptions: A
 Critical Quantitative Analysis"
 Chair: Jemimah V. Young
- Leigh Ann Fierro School Psychology
 Dissertation: "Heartfelt Jitters: Psychological and Physiological Corre-
 lates of the Stress Response in Anxious College Students"
 Chair: Daniel B. Hajovsky
 Co-Chair: Steven Woltering
- Elizabeth Anne Ivey Educational Psychology
 Dissertation: "Breaking the Silos: Interdisciplinary Collaboration as a
 Pathway to Inclusive Teacher Preparation"
 Chair: Julie Thompson
- Jialin Lai Curriculum and Instruction
 Dissertation: "An Asset-Based View of Early Reading and Writing
 Development of Emergent Bilinguals: An Examination of
 Student Profiles and Family Support"
 Chair: R Joshi
- Xin Li Educational Psychology
 Dissertation: "Understanding the Relations Between National and
 Global Identities Through a Scoping Review and a Study
 of Identity Clusters Among U.S. and Chinese Youth"
 Chair: Jeffrey Liew
 Co-Chair: Jun Wang
- Montaigne Staats Long Educational Administration
 Dissertation: "Leading Beyond the Uniform: Student Veteran Engage-
 ment and Leadership"
 Chair: Vicente Lechuga
- Symone McCollum Educational Administration
 Dissertation: "'Where Is the Healing Place?': (Re)Imagining Black
 Women and Femme Doctoral Students' Use of Digital
 Communities to Navigate the Academy"
 Chair: Christine A. Stanley
- Emma Claire McWhorter Counseling Psychology
 Dissertation: "The Role of Self-Efficacy on the Relationships Between
 Work-to-Family Conflict and Family-to-Work Conflict
 and Couples Satisfaction Among Working Mothers in
 STEM"
 Chair: Lizette Ojeda
- Holly Anne Miller Curriculum and Instruction
 Dissertation: "Exploring Biology Graduate Students' Professional
 Identities as Teachers and Researchers"
 Chair: Bugrahan Yalvac
 Co-Chair: Eleanor J. Su-Keene
- Amin Mohajeri Kinesiology
 Dissertation: "Role of Mechanical Stimuli in Regulating Vascular
 Smooth Muscle Contractility in Aged Arteries"
 Chair: Christopher Woodman
 Co-Chair: Andreea Trache

- Sunny Catherine Olsen School Psychology
 Dissertation: "Are School Psychologists Addressing the Needs of Culturally and Linguistically Diverse Children with Low Incidence Disabilities?: Graduate Training and Practice Implications"
 Chair: Sara M. Castro Olivo
- Seongjin Park Kinesiology
 Dissertation: "Attracting New and Existing Sport Fans Through Psychological Ownership"
 Chair: John Singer
- Lina Shu Educational Psychology
 Dissertation: "Developing and Validating the Second Language Anxiety Scale"
 Chair: Sandra T. Acosta
- Sydney Marie Stevens Counseling Psychology
 Dissertation: "Acculturative Stress and Suicidality Among Latino and Asian Americans as Moderated by the Context of Immigration and Perceived Discrimination"
 Chair: Charles Ridley
- Madison Treece Kinesiology
 Dissertation: "A Practitioner's Framework for Evaluating the Use of an Under-Researched Assessment: Featuring the Isometric Belt Squat"
 Chair: Jennifer Yentes
- Jinhua Zhao Educational Administration
 Dissertation: "Beyond Abilities: Exploring the Social and Cultural Dynamics of STEM Major Decisions for Asian Students"
 Chair: Daniel H. Bowen
 Co-Chair: Noemi V. Mendoza Diaz
- Yingying Zhao Educational Psychology
 Dissertation: "Multilevel Influences on Early Writing Development: Child Factors, Family Support, and Teachers' Instructional Practices"
 Chair: Jeffrey Gagne
 Co-Chair: Hope K. Gerde

College of Engineering

Doctor of Engineering

- Shatha Kahtan Taha Al Shammari Engineering
 Dissertation: "Investigating the Effect of Work Climate as a Primary Component of Higher Productivity in the Engineering Department of an International Aviation Company"
 Chair: Hamid R. Parsaei
 Co-Chair: Haitham Abu-Rub
- Michelle Althea Chatter Engineering
 Dissertation: "Trust But Verify: AI Generated Assertions for Hardware Assurance and Verification"
 Chair: Aakash Tyagi
 Co-Chair: Jiang Hu

Doctor of Philosophy

- Pouneh Abbasian Interdisciplinary Engineering
Dissertation: "A Comprehensive Framework for Early Detection of Mild Cognitive Impairment"
Chair: Tracy Hammond
- Mohamed Gamal Mohamed Abdalla Interdisciplinary Engineering
Dissertation: "Unlocking the Energy-Carbon-Mineral Nexus: Applications in EOR/EGR, CCUS, and Lithium Extraction Through Experimental Geochemistry, Modeling, and Machine Learning Techniques"
Chair: Qingsheng Wang
Co-Chair: Nimir Elbashir
- Abdullah Fadhil Yousuf Al-Aboosi Interdisciplinary Engineering
Dissertation: "Novel Approaches for Electrification and Decarbonization in Methanol Production"
Chair: Wei Zhan
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- Majid Ahmed H Alfifi Computer Science
Dissertation: "Extremism on Social Media: Characterization, Detection, and Countermeasures"
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- Mohammed Yusuf Mohammed Shoeb Ansari Computer Engineering
Dissertation: "Efficient and Effective Estimation of Electrocardiogram-Derived Age for Cardiovascular Wellbeing and Disease Diagnoses"
Chair: Raffaella Righetti
Co-Chair: Marwa K. Qaraqe
- Chinmay Mahesh Aras Chemical Engineering
Dissertation: "Optimal Design of Large-Scale Carbon Capture, Utilization, and Storage Networks Under Uncertainty"
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- Emre Arslan Petroleum Engineering
Dissertation: "Laboratory Measurement of Rock Thermo-Poroelasticity Under Effective Stress"
Chair: Ibrahim Y. Akkutlu
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- Ifeoluwa Priscilla Atokileso Chemical Engineering
Dissertation: "Evidence-Based Curriculum Renewal and Experiential Learning: Implementation and Impact on Junior-Level Chemical Engineering Students"
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- Rashid Almirovich Baembitov Electrical Engineering
Dissertation: "Utilizing Machine Learning for Forced Outage Risk Prediction and Management in Distribution Systems"
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- Courtney Clary Bauer Electrical Engineering
Dissertation: "System Design for Broadband Magnetic Resonance Imaging and Spectroscopy"
Chair: Steven M. Wright

Pranabesh Bhattacharjee	Electrical Engineering
Dissertation:	"Computational and Embedded Approaches in Biomedical Systems: Boolean Network-Based Cancer Therapy Design and FPGA-Driven Cardiac Support"
Chair:	Aniruddha Datta
Abdullah Mousa Darwish Braik	Civil Engineering
Dissertation:	"Disaster Management Digital Twin of Communities for Risk-Informed and Adaptive Decision-Making"
Chair:	Maria Koliou
Kimberly Logan Branan	Biomedical Engineering
Dissertation:	"Wearable Systems for Noninvasive Monitoring of Cardiopulmonary Biomarkers with a Focus on Photoplethysmographic Methods"
Chair:	Gerard Cote
Adrien Robert Auguste Cassagne	Aerospace Engineering
Dissertation:	"Complex Thermo-Mechanical Loading in High Temperature Shape Memory Alloys"
Chair:	Jean-Briac B. le Graverend
Co-Chair:	Dimitris Lagoudas
Rijul Rajeshbhai Chauhan	Nuclear Engineering
Dissertation:	"Development of Accelerator-Based High-Throughput Techniques for Rapid Qualification of Nuclear Reactor Materials"
Chair:	Lin Shao
Co-Chair:	Michael Nastasi
Vsevolod Cheburkanov	Biomedical Engineering
Dissertation:	"High-Speed Brillouin Microscope for Non-Invasive Imaging and Sensing of Microscopic Mechanical Properties of Highly Scattering Biological Samples"
Chair:	Vladislav V. Yakovlev
Haoyuan Chen	Industrial Engineering
Dissertation:	"Scalable Gaussian Processes in Modern Machine Learning"
Chair:	Rui Tuo
Rahul Cherukuri	Electrical Engineering
Dissertation:	"Development and Optimization of High-Throughput <i>In vitro</i> Models of the Feto-Maternal Interface for Drug Screening and Environmental Chemical Toxicity Assessment"
Chair:	Arum Han
Natasha Jane Chrisandina	Chemical Engineering
Dissertation:	"A Comprehensive Framework for Resilience-Aware Multi-Scale Design Under Uncertainties and Disruptions"
Chair:	Mahmoud El-Halwagi
Co-Chair:	Efstathios Pistikopoulos
Soham Das	Industrial Engineering
Dissertation:	"Learning, Intervention and Estimation in Dynamic Games"
Chair:	Ceyhun Eksin

- Yi Deng Electrical Engineering
 Dissertation: "Transgenerator-Flywheel Technology for Wind Power Generation and Energy Storage"
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 Dissertation: "Data-Driven Methods for Mapping, Localization and Sensor Optimization"
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 Dissertation: "Novel Exploration Strategies for Sample-Efficient Reinforcement Learning"
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 Dissertation: "Bayesian Risk Networks: From Transdisciplinary Model Formulation, Validation, and Data Management, to Regional Decision-Making"
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- Matthew F. Ebert Mechanical Engineering
 Dissertation: "Part, Path, Plan: Spatial Organization Strategies for Cooperative 3D Printing"
 Chair: Vinayak R. Krishnamurthy
- Abdelrahman Rashed Mohamed Elsayed Materials Science and Engineering
 Dissertation: "From Powder to Functional Parts: Developing Functionally Graded Shape Memory Alloys Using Additive Manufacturing"
 Chair: Ibrahim Karaman
 Co-Chair: Alaa Mohamed H. Elwany
- Zhiyong Fang Computer Science
 Dissertation: "SNARKs: New Applications and New Constructions Based on Error-Correcting Codes"
 Chair: Yupeng Zhang
- Leandro Farias Maia Industrial Engineering
 Dissertation: "Block Decomposable Methods for Large-Scale Optimization Problems"
 Chair: David H. Gutman
- Kexin Feng Computer Science
 Dissertation: "Designing and Evaluating Speech-based Machine Learning Algorithms for Depression Diagnosis and Screening"
 Chair: Theodora Chaspari
- Cong Fu Computer Science
 Dissertation: "Deep Learning Methods for Geometry Informed Atomistic System Analysis"
 Chair: Shuiwang Ji

Jia Fu	Petroleum Engineering
Dissertation:	"Application of Reduced Order Models for Field-Scale Simulation and Optimization of Unconventional Reservoir and Carbon Storage Projects"
Chair:	Akhil Dattagupta
Merve Gencturk	Nuclear Engineering
Dissertation:	"Multiphysics and Multiscale Modeling of the Mechanical Behavior of Nuclear Fuels"
Chair:	Karim E. Ahmed
Jared Alan Gibson	Biomedical Engineering
Dissertation:	"Stimuli-Responsive Substrates for 3D Bioelectronic Devices"
Chair:	Taylor Ware
Binglin Guo	Civil Engineering
Dissertation:	"Elimination of Per- and Polyfluoroalkyl Substances from Water by Metal Oxide- and Biochar-Supported Adsorptive and Catalytic Processes"
Chair:	Xingmao Ma
Co-Chair:	Eun S. Kan
Abdullah Ahmad Saleem Hayajneh	Computer Engineering
Dissertation:	"Machine Learning Tools for Face Anomaly Detection and Appraisal"
Chair:	Erchin Serpedin
Jordan Ashley Hillis	Nuclear Engineering
Dissertation:	"Investigating the Use of Radiation Sources for Detection and Deterrence of Illegal Rhinoceros Horn Poaching"
Chair:	Craig Marianno
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Chi Hsiang Huang	Water Management and Hydrological Science
Dissertation:	"Leveraging Satellite Observations for Mapping Coastal and Inland Bathymetry"
Chair:	Huilin Gao
Jianchi Huang	Mechanical Engineering
Dissertation:	"Experimental Investigations of Compaction-Assisted Binder Jetting Processes"
Chair:	Chao Ma
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Mitchell D. Huffman	Chemical Engineering
Dissertation:	"Holistic Sustainability Measurement for the Process Industries"
Chair:	Faisal I. Khan
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Md Zahidul Islam	Mechanical Engineering
Dissertation:	"Advanced Rechargeable Batteries with 3D Interconnected Carbon Nanotubes"
Chair:	Choongho Yu
Donna Jaison	Interdisciplinary Engineering
Dissertation:	"The Value of Sketching as an Engineering Skill"
Chair:	Karan Watson
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- Siddhant Vivek Jaitpal. Biomedical Engineering
 Dissertation: "Development of an Isothermal Approach for Sensitive Detection of Hepatitis C Virus (HCV)"
 Chair: Samuel B. Mabbott
- Jocin James Abraham. Petroleum Engineering
 Dissertation: "Experimental and Data Driven Strategies to Evaluate Oilwell Cement Integrity Issues for Long-Term Operations"
 Chair: Mahmood Amani
 Co-Chair: Hadi Nasrabadi
- Myunghwan Jeong. Materials Science and Engineering
 Dissertation: "Mechanistic Study of Corrosion Behavior of Zinc-Coated Low Carbon Steel Rebars in Chloride-Rich Concrete Pore Solution and Solid Concrete Environments"
 Chair: Homero Castaneda-Lopez
- Matthew Alan Jungmann. Biomedical Engineering
 Dissertation: "Multifunctional Biopsy Sealants Based on Hydrogel/Shape Memory Polymer Foam Composites"
 Chair: Daniel L. Alge
- Jin Ha Kim. Civil Engineering
 Dissertation: "Deciphering Factors Affecting Biodegradation of Per- and Polyfluoroalkyl Substances (PFAS): Microorganisms, Microbial Communities, and Growth- and Non-Growth-Linked Degradation Mechanisms"
 Chair: Kung-Hui Chu
- Taeksoo Kim. Mechanical Engineering
 Dissertation: "Intelligent Compressed Air Storage System in Manufacturing Facilities with Intermittent Demand of Compressed Air"
 Chair: Bryan Rasmussen
- Deepak Prakash Kumar. Mechanical Engineering
 Dissertation: "Optimal Motion Planning for a Curvature-Constrained Vehicle in 2D and 3D"
 Chair: Dvagh Swaroop
- Jangjae Lee. Civil Engineering
 Dissertation: "Machine Learning-Based Decision Support: Modeling and Analysis of Power Outages in Texas Under Extreme Climate Conditions"
 Chair: Stephanie Paal
- Seungjoo Lee. Mechanical Engineering
 Dissertation: "Comparative Tribological Performance of Lubricating Oil Upcycled from Plastic Wastes (LOUP) Against State-of-Art Oils"
 Chair: Ali Erdemir
- Yoo Jin Lee. Biomedical Engineering
 Dissertation: "Shape-Changing Materials for Biomedical Applications"
 Chair: Taylor Ware

- Hannah Claire Lehman Aerospace Engineering
 Dissertation: "Hierarchical Auctions for the Coordination of Heterogeneous Agents Using Machine Learning"
 Chair: John Valasek
- Yuanyuan Lei Computer Science
 Dissertation: "Knowledge-aware Language Modeling for Addressing Information Distortion"
 Chair: Ruihong Huang
- Christopher James Leshikar Aerospace Engineering
 Dissertation: "Markov Parameter Based Methods for System Identification"
 Chair: John Valasek
- Yuhao Li Ocean Engineering
 Dissertation: "Investigation of Hydrogen Resistance Mechanism of Newly Designed High-Entropy Alloy $\text{Al}_2\text{Cr}_5\text{Cu}_5\text{Fe}_{53}\text{Ni}_{35}$ "
 Chair: Lenin Marcelo Paredes Tobar
- Yongqing Liang Computer Science
 Dissertation: "From Raw Data to Structured Feature Spaces: Toward Robust and Correlated Visual Representation Learning"
 Chair: Xin Li
 Co-Chair: Wenping Wang
- Pengfei Lin Mechanical Engineering
 Dissertation: "Light Propagation Models for Semiconductor Manufacturing: Charactering, Inspection and Metrology of Via Edge and Wafer Apex"
 Chair: ChaBum Lee
- Hongyi Ling Computer Science
 Dissertation: "Towards Trustworthy Deep Learning and Large Language Models"
 Chair: Shuiwang Ji
 Co-Chair: Na Zou
- Jun Ma Biomedical Engineering
 Dissertation: "Engineering Multifunctional Nanoplatfroms for Enhanced Glioblastoma Therapy"
 Chair: Shiren Wang
 Co-Chair: Daniel L. Alge
- Ahmed Tanvir Mahdad Computer Science
 Dissertation: "New Frontiers in Authentication and Side Channels in Emerging Platforms: 2FA Attacks, Sensor Exploits, and AR/VR Security"
 Chair: Nitesh Saxena
- Samah Ali Ahmed Mahgoub Civil Engineering
 Dissertation: "Multiscale Characterization of Rock-Fluid Interactions: Linking Microscale Fracture to Nanoscale Chemo-Mechanical Transformations"
 Chair: Sara Abedi Mashhadi Migha

- Ardak Makhatova Materials Science and Engineering
Dissertation: "Soil Stabilization Using Polyelectrolytes and Their Complexes"
Chair: Svetlana Sukhishvili
Co-Chair: Eyad Masad
- Cody Alan Marquardt Ocean Engineering
Dissertation: "In-situ Nonlinear Dynamics Modeling for Real-time Adaptive Optimal Control of Autonomous Ocean Vehicles"
Chair: Heonyong Kang
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Dissertation: "Modeling and Simulation of Large-Scale DC Power Grids by Conversion Function Theory"
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- Justin Pete McMurray Biomedical Engineering
Dissertation: "Development of a Wearable Strain-Gauge Blood Pressure Sensor with Phantom Validation for Noninvasive Cardiovascular Monitoring"
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- Peter Mabrouk Morcos Mikhail Materials Science and Engineering
Dissertation: "From Single Alloy to High-Throughput Printability Assessment in Laser Powder Bed Fusion"
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- Masahiro Nagao Petroleum Engineering
Dissertation: "Physics-Informed Machine Learning for CO2 Plume Imaging, Reservoir Connectivity Identification and Production Forecasting"
Chair: Akhil Dattagupta
- Brandon Michael Nitschke Biomedical Engineering
Dissertation: "Bioactive Composite Shape Memory Polymer Scaffolds to Heal Complex Bone Defects"
Chair: Melissa Grunlan
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Dissertation: "Influence of Rotor Vibration onto Flexibly Mounted Rotor Mechanical Seal Dynamics"
Chair: Adolfo Delgado-Marquez
- Roberto Orrostieta Chavez Materials Science and Engineering
Dissertation: "Microstructural and Compositional Effects on the Fracture Toughness and Fatigue Crack Growth Response of NiTiHf High Temperature Shape Memory Alloys"
Chair: Ibrahim Karaman
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Dissertation: "Towards Building Cardiovascular Digital Twins Using Noninvasive Techniques and Physics Informed Neural Networks"
Chair: Roozbeh Jafari

Deep Jagdishchandra Parikh	Aerospace Engineering
Dissertation:	"Robust On-Board Autonomy for Proximity Operations of Mobile Agents"
Chair:	Manoranjan Majji
Co-Chair:	John Junkins
Sumedh Dattaguru Pendurkar	Computer Science
Dissertation:	"Learnable Guiding Functions for State-Space Search Algorithms"
Chair:	Guni Sharon
Chrysanthos Pepi	Computer Engineering
Dissertation:	"Improving Processor Efficiency for Modern Workloads"
Chair:	Paul Gratz
Forrest G. Pommier	Mechanical Engineering
Dissertation:	"Investigation of Selected Sources of Cyclic Variability for a Large Bore Two-Stroke Single Cylinder Engine"
Chair:	Timothy Jacobs
Andrea Susan Porter	Interdisciplinary Engineering
Dissertation:	"A Multidisciplinary, Multifactor Evaluation of Soft Body Armor Worn by Female Law Enforcement Officers: Ergonomic Outcomes, 3D Chest Morphology, and Ballistic Performance at Air Gaps"
Chair:	Mark E. Benden
Al Mazedur Rahman	Industrial Engineering
Dissertation:	"3D Printing of Biomass-Fungi Composite Materials: Experimentation and Characterization"
Chair:	Zhijian Pei
Co-Chair:	Chukwuzubelu O. Ufodike
Bhaskara Ramchander Rao	Aerospace Engineering
Dissertation:	"Real-Time Signal Processing and State Estimation for Spaceflight Applications"
Chair:	Manoranjan Majji
Syed Wali Abbas Rizvi	Computer Engineering
Dissertation:	"Trust-Centric Reactive Defenses Against Evasive Cyber Threats in Industrial Networks"
Chair:	Irfan A. Khan
Courteney T. Roberts	Biomedical Engineering
Dissertation:	"Self-Fitting, Biodegradable Shape Memory Polymers in Biomedical Applications"
Chair:	Melissa Grunlan
Rushant Sabnis	Chemical Engineering
Dissertation:	"Synthesis and Applications of Error Free DNA Using Polymerase-Enabled Rapid, Frugal Error Correcting Technology (Perfect) PCR"
Chair:	Qing Sun
Omar Khaled Ahmed Kamal Sallam	Ocean Engineering
Dissertation:	"Generative Machine Learning for Enhanced Large Eddy Simulations of the Atmospheric Boundary Layer"
Chair:	Mirjam Furth

Sourabh Sunil Sangle.....	Mechanical Engineering
Dissertation:	"High Frequency Synthesis for Impedance Based Health Monitoring and Unique Part Identification"
Chair:	Pablo A. Tarazaga
Shreyas Suresh Sarfare.....	Mechanical Engineering
Dissertation:	"Computational Fluid Dynamics Analysis of Rotating Machinery – Fontan Cavopulmonary Assist Device and Hole Pattern Seals"
Chair:	Alan Palazzolo
Parth Jitendra Shah.....	Chemical Engineering
Dissertation:	"Advances in Hybrid Modeling: Parameter Estimation and Control for Chemical and Biochemical Processes"
Chair:	Joseph S. Kwon
Archita Sharma.....	Biomedical Engineering
Dissertation:	"Engineering Advanced Bioactive Materials for Skin Regeneration and Chronic Wound Healing Applications"
Chair:	Feng Zhao
Sofia Sheikh.....	Materials Science and Engineering
Dissertation:	"A Material Informatics Approach for Alloy Design in Metal Additive Manufacturing"
Chair:	Raymundo Arroyave
Shrikesh Sheshaprasad.....	Electrical Engineering
Dissertation:	"Linear and Rotary Electro-Mechanical Devices, and Magnetic Gears – Design and Control"
Chair:	Hamid Toliyat
Taylor W. Sundermann.....	Materials Science and Engineering
Dissertation:	"Development of Inexpensive High Temperature NiTi-Based Shape Memory Alloys for Powder Bed Additive Manufacturing"
Chair:	Ibrahim Karaman
Roshan Suresh Kumar.....	Aerospace Engineering
Dissertation:	"Incorporation of Expert Knowledge as Design Heuristics into Evolutionary Multiobjective Combinatorial Design Optimization"
Chair:	Daniel Selva Valero
Mohsen Tajedini.....	Mechanical Engineering
Dissertation:	"Tribo-Electrochemical Evaluation of Nanolubricants for Electric Vehicles"
Chair:	Hong Liang
Cameron D. Taylor.....	Materials Science and Engineering
Dissertation:	"Tailoring Emulsion Composition: Droplets for Carbon Capture and Bio-Sourced Surfactants"
Chair:	Emily Pentzer
Mahsa Valizadeh.....	Industrial Engineering
Dissertation:	"Uncertainty Reduction and Learning Efficiency in Deep Learning Across Multiple Domains"
Chair:	Rui Tuo
Co-Chair:	James Caverlee

David Eugenio Jan Van Wijk	Aerospace Engineering
Dissertation:	"Safety-Critical Control of Input-Constrained Systems"
Chair:	Manoranjan Majji
Sabrina Vandenheuvell	Biomedical Engineering
Dissertation:	"3D Engineered Biomimetic Models to Study Mechanisms of Cancer Metastasis"
Chair:	Shreya Raghavan
Rohan Vijapurapu	Interdisciplinary Engineering
Dissertation:	"Experimental Investigation of Surfactant Alternating Gas Enhanced Oil Recovery for Unconventional Reservoirs"
Chair:	Hadi Nasrabadi
Bokun Wang	Computer Science
Dissertation:	"Beyond Empirical Risk Minimization: Optimization and Generalization Theory for Modern Machine Learning and Artificial Intelligence"
Chair:	Tianbao Yang
◊ Qiaoyiru Wang	Petroleum Engineering
Dissertation:	"Develop a Three-Dimensional Finite Element Simulator for Coupled Heat Transfer, Fluid Flow, and Geomechanics: Applications in Enhanced Geothermal Systems"
Chair:	Kan Wu
Co-Chair:	George J. Moridis
Zihang Wei	Civil Engineering
Dissertation:	"Data-Driven Discovery and Control of Physically Analyzable Traffic Network Dynamics Models"
Chair:	Yunlong Zhang
Co-Chair:	Yang Zhou
Kevin Nguyen Weston	Computer Engineering
Dissertation:	"Improving Cache Performance Through Adaptive Indexing"
Chair:	Abdullah Muzahid
Berkley White	Biomedical Engineering
Dissertation:	"Towards Scalable Manufacturing of Potent Mesenchymal Stem Cells and Extracellular Vesicles"
Chair:	Roland Kaunas
Wenxuan Wu	Computer Science
Dissertation:	"Collaborative Zero-Knowledge Proofs with Secure Multiparty Computations"
Chair:	Yupeng Zhang
Keqiang Yan	Computer Science
Dissertation:	"Geometric Deep Learning and Language Models for Materials Discovery"
Chair:	Shuiwang Ji
Co-Chair:	Xiaoning Qian
Tanwei Yan	Electrical Engineering
Dissertation:	"Design of a Power-Efficient High-Performance Transmitter with Digital Feedback Control Enabled by a Low-Power Analog-to-Digital Converter"
Chair:	Jose E. Silva-Martinez

◊ Double Degree

- Ming-Feng YehMechanical Engineering
 Dissertation: "Experimental Study of Gas Turbine Blade Tip Film Cooling Effectiveness and Internal Heat Transfer Enhancement"
 Chair: Je Han
 Co-Chair: Lesley M. Wright
- Jingjing ZhangPetroleum Engineering
 Dissertation: "Advancing Subsurface Flow Modeling for Improved Oil Recovery and CO₂ Sequestration Using Multi-Scale Numerical Simulations and Physics-Informed Neural Networks"
 Chair: Eduardo Gildin
- Xukai Zhang Civil Engineering
 Dissertation: "Predictive Modeling for Risk and Reliability Assessment of Coastal Civil and Energy Infrastructure Under Uncertainty"
 Chair: Arash Noshadran
- Yuhao Zhong Industrial Engineering
 Dissertation: "Explainable Machine Learning for Smart Manufacturing and Health"
 Chair: Satish T. Bukkapatnam
- Samuel Ebube Zowam.Petroleum Engineering
 Dissertation: "A Machine-Learning-Based Method for Optimizing Well Completion Design Under Reservoir Uncertainty for New Gas Wells in the Montney Formation"
 Chair: Duane A. McVay

College of Medicine

Doctor of Philosophy

- Daniela Aimee Ayala Medical Sciences
 Dissertation: "Astrocyte-Specific Mitochondrial DNA Disruption as a Tool to Investigate Glial Contributions to Neurodegeneration"
 Chair: Rahul Srinivasan
 Co-Chair: Mendell Rimer
- Tatlock Lauten Medical Sciences
 Dissertation: "Sympathetic Signaling Alters T-Lymphocyte Differentiation and Function Through Beta Adrenergic Mechanisms"
 Chair: Adam J. Case
- Gauri Pandey Neuroscience
 Dissertation: "Understanding Sex Differences in Neuronal Nicotinic Acetylcholine Receptor Upregulation and Its Implications for Developing Disease Modifying Therapies Against Parkinson's Disease"
 Chair: Rahul Srinivasan

Katherine Anne Rees Medical Sciences
 Dissertation: "Characterization of the 15q13.3 Microdeletion and Its Effects on Neuronal Excitability, Astrocyte Alpha7 Nicotinic Acetylcholine Receptor Dynamics, and Neuroinflammation"
 Chair: Ursula Winzer-Serhan

Hannah Smith Medical Sciences
 Dissertation: "The Role of GM-CSF In Innate Immune Cell Activation in Hypertension"
 Chair: Brett M. Mitchell

Irma Lerma Rangel College of Pharmacy

Doctor of Philosophy

Precious Olohigbe Badejo Pharmaceutical Sciences
 Dissertation: "Mechanistic Insights Into the Parental Effects of Electronic Hookah Exposure on Platelet Function and Thrombogenicity"
 Chair: Fadi Khasawneh
 Co-Chair: Fatima Alshbool

School of Public Health

Doctor of Philosophy

Allison Nicole Francis Health Education
 Dissertation: "More Than a Game: How Social Networks in Recreational Sports Teams Shape Mental Well-being"
 Chair: Megan S. Patterson

Ryan C. Rigby Health Services Research
 Dissertation: "Data Sharing and Modernization in the U.S. Health System"
 Chair: Alva Ferdinand
 Co-Chair: Cason D. Schmit

Doctor of Public Health

Yanyan Chen Public Health Sciences
 Dissertation: "Nature Exposure, Well-Being, and Dietary Behavior"
 Chair: Jason E. Maddock

Jacquita N. Johnson Public Health Sciences
 Dissertation: "A Black Feminist Understanding and Analysis of Environmental (In)Justices Among Black Women in Settegast, Houston, TX: A Multi-Method Study"
 Chair: Garrett T. Sansom

Ssu Yu Yeh Public Health Sciences
 Dissertation: "Enhancing Nature Connection: A Multifaceted Approach for Inclusive Well-Being Through Virtual Nature, Nature Sounds, and Psychosocial Measurements for Diverse Populations"
 Chair: Jason E. Maddock

College of Veterinary Medicine and Biomedical Sciences

Doctor of Philosophy

Floris Constantijn Droeës	Biomedical Sciences
Dissertation:	"Assessment of Hemostasis in Dogs with Liver Disease"
Chair:	Jonathan A. Lidbury
Co-Chair:	Joerg M. Steiner
Lara Ankita Dsouza	Biomedical Sciences
Dissertation:	"Nucleotide Metabolism in Poxvirus Infections: From Viral Modulation of Host Pathways to Antiviral Targeting"
Chair:	Zhilong Yang
Samantha Rose Franklin	Genetics and Genomics
Dissertation:	"Uncovering Predictive Signatures for Infectious and Clinical Outcomes in Acute Myeloid Leukemia: A Multi-Omic Machine Learning Approach"
Chair:	Jessica Galloway-Pena
Braden Scott Hanson	Biomedical Sciences
Dissertation:	"A Novel Nutritional Immunity Boosting Antimicrobial for Urinary Tract Infection"
Chair:	Sargurunathan Subashchandrabose
Rebecca Claire Harlow Adamek	Biomedical Sciences
Dissertation:	"Lymphatic Adaptation to Edemagenic Stress: A Comparative Study of Fluid Therapy and Mesenteric Venous Hypertension"
Chair:	Cristine Heaps
Sue Yee Lim	Biomedical Sciences
Dissertation:	"Studies on the Impact of Non-Classical Pancreatic Lipases and Pancreatic Lipase-Related Proteins on Serum Lipase Assays in Dogs"
Chair:	Joerg M. Steiner
Stephanie Lauren McMahon	Genetics and Genomics
Dissertation:	"Microbiome, Resistome, Phylogenetics, and Antibiotics: A Comprehensive Framework for Understanding Antibiotic-Resistance in Acute Myeloid Leukemia"
Chair:	Jessica Galloway-Pena
Haley L. Moyer	Toxicology
Dissertation:	"Modelling Multi-Cellular Membranes <i>In vitro</i> Using Microphysiological Systems"
Chair:	Ivan I. Rusyn
Luke Samuel Myers	Biomedical Sciences
Dissertation:	"A Translational Pig Model of Angelman Syndrome: Establishing a Foundation for Preclinical Research and Therapeutic Development"
Chair:	Scott V. Dindot
Mariana Isabel Saitas	Toxicology
Dissertation:	"Application of Mobile Air Monitoring in Diverse Environments to Characterize Hazardous Volatile Organic Compound Mixtures"
Chair:	Natalie M. Johnson

Ashlyn Holbert Strickland Biomedical Sciences
Dissertation: "Effects of Antimicrobials, Probiotics, and Pen Style on
the Microbial Communities and Bacterial Population
Dynamics of *Enterococcus* Spp. in the Beef Cattle Feed-
yard Environment and Artificially Processed Airborne
Particulate Matter"
Chair: Keri N. Norman
Co-Chair: Harvey Scott



Candidates for Master's Degrees

College of Agriculture and Life Sciences

Presented by Dr. Mary E. Bryk, Associate Dean

Department of Agricultural Economics

Master of Science

Agricultural Economics

Kush Bharadwaj
Victoria A. Higdon

Nataly Alejandra Monroy Garzon
Ziqin Zhou

Department of Agricultural Leadership, Education, and Communications

Master of Agriculture

Agricultural Development

Celese Deanne Cranney-Rosprim

Hailey Browning Lacour

Master of Science

Agricultural Leadership, Education, and Communications

Ainsley Marie Burns

Morgan B. Maniscalco

Department of Animal Science

Master of Agriculture

Animal Science

Rhett M. Guzman

Sterling Elizabeth Pieniazek

Master of Science

Animal Science

Jannatul Bari
Brooke Danielle Chevalier
Erin Donnelle Connolly
Jordan Denise Davenport

Adrianna N. Disilvestro
Tyler Kade Handley
Carter Trace McClendon
Eshita Shahanaz

Physiology of Reproduction

Ashton Rebbeca Dodd
Olivia Josephine Ognibene

Matthew Stuehr

Department of Biochemistry and Biophysics

Master of Science

Biochemistry

Zaina Majdi Aljayyousi

Department of Ecology and Conservation Biology

Master of Science

Ecology and Conservation Biology

Hannah Louise Bleth

Department of Entomology

Master of Science

Entomology

Alexandrea Gayle Smith

Department of Food Science and Technology

Master of Science

Food Science and Technology

Emma J. Whaley

Department of Nutrition

Master of Science

Nutrition

Kaitlyn Elieen Blankley

Hailey Suzanne Crumpler

Department of Poultry Science

Master of Agriculture

Poultry Science

Paulina Farias

Department of Rangeland, Wildlife and Fisheries Management

Master of Natural Resources Development

Natural Resources Development

Robert Shane Corkren
Cassandra Danielle Gomez

Brook Jefferson

Master of Science

Rangeland, Wildlife and Fisheries Management

Amanda Laboy
Kaylee L. Lovejoy

David Pearce
Haley Savannah Sloan

Department of Soil and Crop Sciences

Master of Science

Plant Breeding

Marvin Benitez

Soil Science

Divya
Joshua M. Doria

Leila Joharzadeh

College of Architecture

Presented by Dr. Lingqian “Ivy” Hu, Dean

Department of Architecture

Master of Architecture

Architecture

Victoria Ester Rodriguez

Janice E. Torbeck-Bean

Master of Science

Architecture

Sree Sai Sravani Vasamsetti

College of Arts and Sciences

Presented by Dr. Adam R. Seipp, Associate Dean

Department of Anthropology

Master of Science

Maritime Archaeology and Conservation

Marissa Daylene Agerton

Department of Biology

Master of Science

Biology

Claire Emily Ali-Khan
Alexa V. Chavez
Andrew D. Fontana

Ammon Salvatore Hoffman
Manish Raj Sapkota
Trenton Brandt Stewart

Microbiology

Kate Elizabeth Cooney
Avery Charleen DeWolf
Hope Newcomer-Neeson

Hayley E. Pickett
Valerie Ramona Poor
Declan S. Simpson

Department of Chemistry

Master of Science

Chemistry

Alyssa Dawn Hash
Megan Hays
Amanda Rae Jessel

Stone David Naquin
Cassidy Tibbetts

Department of Economics

Master of Science

Economics

◇ Andrew Al Bartolo
Chi Chiu Chu
◇ Parker John De Leon

◇ Grayson Jeffrey Joyce
Jing Zhang

Department of English

Master of Arts

English

◊ Maksim Alekseyevich Prokhorov

Department of Geography

Master of Science

Geography

Connor P. Gooch

Adam Joseph Scardino

Brad Tanner Jennings

Water Management and Hydrological Science

Elena Ann Lundeen

Department of Geology and Geophysics

Master of Science

Geology

Tanner Cole Fonville

Conor Patrick Sullivan

Mohammed Tariq M Harqi

Mary Evelyn Thompson

Haley Rose Mossell

Geophysics

Rakan Mubarak H Alhumaid

Emmanuel A. Awe

Saad Hassan M Alqarni

Braden A. Hoefer

Asem Thabet A Althabet

Cate L. Tilley

Department of History

Master of Arts

History

◊ Ariana V. Benedict

Department of Mathematics

Master of Science

Mathematics

Rachel Marie Bevan	Zhaohua Pei
Jorge Elias Canada	Christopher Roosa
Marshall Thomas King	◊ Qiaoyiru Wang
Priyadarshan Ashok Kolte	Wesley E. Yang
Michail Lolis	

Department of Physics and Astronomy

Master of Science

Physics

Dylan Monteiro	Pengsheng Wen
Jace E. Tyler	

Department of Psychological and Brain Sciences

Master of Science

Psychological Sciences

Nazim Asani	Toby McKay Driggs
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Department of Sociology

Master of Science

Sociology

Dulce Angelica Espinoza	Oralia M. Zamarripa
Celine Thuy Tran	

Department of Statistics

Master of Science

Statistical Data Science

Fatimah Hussain A Alnazr	Christopher J. Hergert
Ryan W. Applegate	Christian Wayne Moore
Jason Craft	Sai Sushma Mutyala
Angelica Fernandez	◊ Erin Elizabeth Turner
Cameron Gregory Halversen	

Bush School of Government and Public Service

Presented by Dr. Maria Escobar-Lemmon, Executive Associate Dean

Department of International Affairs

Master of International Affairs

International Affairs

Owen Cryer Awalt	Lauren Nicole Hammonds
Avery L. Clark	Martin Budianto Lawira
Matthew William Clark	Abhinab Shakya Pradhan
Anna Ryan Grace Ferguson	Ushnata Shrestha Thapa

Master of International Policy

International Policy

Sultan Hamad Al-Suwaidi	Jordan Supan
Siafa Targen Massalely	Saroj Upreti
Lauren Schlichting	Aria Nicole Vasbinder

Master of National Security and Intelligence

National Security and Intelligence

Colton James Henderson	Jessica M. Ridley
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Department of Public Service and Administration

Master of Public Service and Administration

Public Service and Administration

Denice S. Archer	Johnathan Talbert James
Kimberley Marie Barrera	Lewis Graham Knapp, Jr.
Carlos Bermudez Ramirez	Tracey Lynn Petuch
Trevor F. Bills	Juan Manuel Sanchez, Jr.
Jacob Brightwell	Thomas Allan Sloan
Nicholas Cameron Cooper	Lyndzie K. Tarango
Terry D. Garrett	Jameson M. Tomlin
Danielle Marie Gibson	Meagan Dawn Webb
Andrea M. Goff Fontanes	Jeffery Michael Wilson

Mays Business School

Presented by Dr. Nate Y. Sharp, Dean

Master of Business Administration

Business Administration

Riley Elizabeth Anson
Emily Elaine Collier
William Edward Delatte
Joshua B. Evensen
Nathan Thomas Garcia
Marcus Ian Glass

Katherine C. Haight
John Austin Hinrichs
Rajat D. Malani
David Pham
Drew Lynn Seymour

Department of Accounting

Master of Science

Accounting

Johnathan Edward Altman, Sr.
Jesus Eduardo Alvarado Gonzalez
Michaela Josephine Beck
Valeria Abigail Bendeck Cortes
Leah Ilana Bernstein
Mark C. Blaydow
Daria Nikolayevna Borodacheva
Bryce Brubaker
Reece Guill Calderon
◊ Macie J. Campbell
Nathan Jacob Cintron
Amber Orton Cox
Tolani Racheal Dare
William Dillon
Lynda Gayle Farmer
Norman Fernaays
Ernesto Garcia III
Brendan Michael Gonzalez
Kassandra Marie Granados
Eva Maria Gray
◊ Lily Grace Haley
Sarah Hargrave
Elizabeth Hernandez
Nicholas A. Hiller
Daehoon Jang
Kenniss A. Jones

Kathryn G. Klussmann
Sharon Jeannette Kunkel
Trevor Graham Lane
Cheyanne M. Lanfear
Ashley Sandy Lapp
Wendy Joy-Adams Lawton
Lucinda D. Leighton
Daniel David Malek
Marcos Martinez
Christopher Louis McClure
Cameron Lee McHugh
Amy Elizabeth Moynihan
Syed Najam Ul Saqib
Gregory Chase Richards
Samuel Peter Rodriguez
Joanna Salinas
Ang Mendo Sherpa
Craig Alan Staples
Jonathan Taylor Thomas
Emilie Thompson
Matthew Scot White
Ryan Clifford White
Casey Winkelman
Jung Eun Yuk
Jonathan Ziobrowski



Department of Finance

Master of Financial Management

Financial Management

Luke Michael LaManna

◇ Sean J. Packer

Department of Information and Operations Management

Master of Science

Management Information Systems

◇ Collin Michael Balogh

Valerie Banks

Amulya Dama

Victor Dell Delgado

Krista DeVries

Esteban Espinoza

Chandler Foster

Garrett Ross Hodsdon

Seth W. Holobaugh

Alfredo Huerta

◇ Ishan Ladhani

Michael George Martinez

Miguel Mora

Rajkumar Nair

Dylan J. Parker

Jacquelyn Parker

◇ Laura Abington Philips

Miguel Pumagualle

Aaron Taylor Ratliff

Ronald Anthony Robertson III

Jeremy Robison

Donald A. St. Martin III

Jason P. Zoeller

Department of Management

Master of Science

Entrepreneurial Leadership

Molly Anne Brown

Bria S. Bullard

Santiago Cenicerros Gómez

◇ Mary E. Fisher

Andersen Alana Williams

Human Resource Management

Daniel Thomas Kanikadan

College of Dentistry

Presented by Dr. Lily T. Garcia, Dean

Master of Science

Oral Biology

Margaret Erin Newton

◇ Double Degree



College 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

Frances Marion Fuller

Master of Science

Educational Human Resource Development

Jacqueline Monique Hottmann

Lucia A. Meras-Torres

Department of Educational Psychology

Master of Education

Bilingual/ESL Education

Estefania Diaz Olvera

Educational Psychology

Jordyn Blake Kindiger
Lori Pennington Lang
Paige Pearson
Meredith Prater

Sarah Elizabeth Travis
Henry Vidaurri
Anna H. Wakefield
Morgan Janene Walther

Learning Design and Technology

Casey Campbell Akin

Meredith Marie Gunn

Department of Kinesiology and Sport Management

Master of Science

Kinesiology

Nicos Costas Georgiades

Kelly Hines

Sport Management

Thomas Jeremy Adams
Joshua A. Cook
Jose De Santiago
Alexandra Durkin

Nicolas Saucedo Hutcheson
Emily R. Jara
Kaya Matiana Leija
Emily Anne Magness

Jordan Kenneth Marks
Lynnzia Tene Mitchell
Robert Charles Perez, Jr.
Grant Perkins

Casey Schedule
Whitney Paige Tanner
Rorey Mattingly Yates-Iannelli

Department of Teaching, Learning and Culture

Master of Education

Curriculum and Instruction

Cassidy Gail Anderson
Shriya A. Bellur
Madison Olivia Bennett
Sotiria Zografos Bessinas
Sarah Michelle Bilski
Cassidy Dawn Burris
Kaitlyn Grace Byers
Kyleigh Chesshir
Valerie Susan Coffey
Abbey M. Conger
Mary Katherine Cuccia
Sarah Jane Culpepper
Reagan P. David
Desiree Renee Diaz
Cenia Daelyn Dominguez
Abigail Jane Duren
Katie Michelle Fey
Kayla Gail Field
Serena Ruby Foster
Claire Rebecca Franke
Morgen Kelly Hamlin
Madison F. Hardwick
Angela Marie Herridge
Grace Francis Heyde
Allina Husain
David Richard Jahn
Rylee Miller Johnson
Jaci Lee Kerr
You Hyun Kim
Kaylin Taylor Kline
Summer Anne Lange
Cecelia Ann Largent
Alexandria M. Lawrence
Mitianna P. Lenguyen
Alri A. Lindeque
Kassandra B. Long
Gabriella Grace Mazzapica

Celeste Lucille McCabe
Grady Andrew McCrea
Emma R. McPherson
Chloe Monet Mitchell
Chance Kenneth Muschaweck
Hylyn Brooke Neff
Alia N. Neuberger
Tiffany Marie Padilla
Gabrielle M. Parnell
Mariah Pastrano
Sarah E. Pattison
Aliceson A. Pinkerton
Leslie Nicole Reschman
Shelby L. Roberts
Riley L. Robinson
Irene Robles-Ramirez
Layla Breann Rushing
Elektra J. Sandarusi
Catherine V. Sauer
Meredith Gayle Sheets
Amanda Caroline Singley
Madison Taylor Skinner
Xavier Devon Smith
Marcos Solis
Kate N. Spradling
Keeley C. Sullivan
Emily Ann Theis
Lauren E. Tompkins
Madison G. Webb
Alyssa M. Williams
Taylor Christine Williams
Katherine Wojciechowski
Clara Lynn Woodward
Tyler C. Wootan
Jacqueline Nicole Yedwab
Abigail E. Zenner

College of Engineering

Presented by Dr. Duncan M. "Hank" Walker, Associate Dean

Master of Science

Energy

Haleigh Anderson-Alt
Jacob Cole Brown
Decarlo Bryant
Wilmar Andres Pastrana Vargas

Oluwajomiloju Oluwadunni
Sosanya
Katherine Sotolongo

Department of Aerospace Engineering

Master of Science

Aerospace Engineering

EbenAnthony Anderson-Ciccone
Jillian Paige Bennett
Logan P. Bibb

Denisse Mishell Leines Artieda
Noah Robert Luna
Liam McCue

Department of Biological and Agricultural Engineering

Master of Science

Biological and Agricultural Engineering

Frances Clare McClay

Cherish Christony Ann Vance

Department of Biomedical Engineering

Master of Engineering

Biomedical Engineering

Lucas Rafael Esnaola
Ethan Blake Keene

Tanner Weslee Waters

Department of Chemical Engineering

Master of Biotechnology

Biotechnology

Shrihari Ravindra Jadhav
Deepthi Sri Kanigiri
Palak Nagar

Shri Aravind Manikandan
Ramamirtham

Master of Engineering

Chemical Engineering

Giriraj Palanisamy	Anuja Dnyaneshwar Patil
Nitin Vedanarayanan Pandiyan	Edward S. Price

Master of Science

Chemical Engineering

Omar Firas Al-Douri	Harikrishnan Rajesh
Valeria Alvarado Tejeda	Namboothiri
Kedar Hastagiri	Christy Thomas Sani
Jasan Robey Adriano	Saatvi Suresh
Mangalindan	Xenophon Xenophontos
Samriddhi Naik	Chen Yang

Safety Engineering

Abdulaziz Hatem A Alahmadi	Otto Jakutowicz
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Department of Civil and Environmental Engineering

Master of Engineering

Civil Engineering

Mubeen Lengha

Master of Science

Civil Engineering

Abdulmohsen Hameed M	Ganyao Liu
Aljohani	Sai Manoj Reddy Sannala
Anyia J. Allen	Aya Abdalla Shigidi
Cullen B. Cable	Jonah Smith

Department of Computer Science and Engineering

Master of Computer Science

Computer Science

Hasnat Md. Abdullah	Zachary Chol McDowell
Glen D. Browne	Carlos Andres Meisel
Geetesh Challur	Abdifatah Abdirazak Mohamed
Colby J. Endres	Jawahar Sai Nathani
Rakshak Gowda Jagadesh	Jay Vijay Nehete
Govind Vivek Joshi	

Master of Science

Computer Science

Mihir Sunil Godbole	Nikhitha Pasula
Devon A. Kelly IV	Manas Sahu
Jiwon Kim	Prakhar Singh
Brandon Gia Nghi Nguyen	Mu-Ruei Tseng
Michael A. Norman	

Data Science

Vinay Chandra Bandi	Sushil Vemuri
Bhavyasree Mohan	

Department of Electrical and Computer Engineering

Master of Science

Computer Engineering

Shubham Mohan Bhagwat	Milad Saadat
Vaishnav Ganapathiraju	Sri Hariharan Sriram
Dhanraj Murali	Quy Truong Van
Gautham Krishna Nemani	Fatemeh Zare
Mohana Tanvi Pamidimukkala	

Data Science

Sai Nihith Immaneni

Electrical Engineering

Roda Abdulla A T Al-Subaie	Sofia Anahi Pina
Vamsi Chitturi	Bidhan Poudel
Thomas James Dexter	Colin M. Sanders
Cesar Medellin Najera	Sathyashree Vijaya Pandian
Zachary B. Ovenshire	

Department of Engineering Technology and Industrial Distribution

Master of Science

Engineering Technology

Case R. Ashton	Grant Evan Gannon
Christian Michael Anthony	Mondray Dailen Matus
Bradley	Branson Christopher Ward
Bowen Devlin	

Department of Industrial and Systems Engineering

Master of Engineering

Industrial Engineering

Daniel Reyna

Master of Science

Engineering Management

Sravan Gande
Andre Laffitte Farina
Nitu Mahadev Munavalli
Travis Thomas Roberson

Tyler Thomas Roberson
Samruddi Satishkumar
Alexis Gallegos Zarate

Industrial Engineering

Lakshminaga Srisaicharan
Raghavendra Bhavirisetti
Ravi Srivatsa
Bindiganavile Narasimhan
Prashant Dhakal
Sai Manohar Gandreddi
Sandeep Shivaji Jagdale
Rishikesh Harshad Karmalkar
Sumedh Gajanan Ketkar
Rushikesh Manish Khairnar

Jishnu Venkata Madabhushi
Shreyas Sanjay Mahajan
Sarvesh Ajit Navale
Himanshu Pimple
Mohammed Abdul Salman
Abdul Azim Abdul Hakeem
Shaikh
Kunal Subhash Thakor
Venkata Sai Siddhartha Thota
Abhinav Nitin Zanvar

Department of Materials Science and Engineering

Master of Engineering

Materials Science and Engineering

Shravani Datir

Master of Science

Materials Science and Engineering

Yu-Hsiang Chiang
Dongin Lim
Seth D. Mehlic

Byeongung Park
Taratorn Sattaraphan

Department of Mechanical Engineering

Master of Engineering

Mechanical Engineering

Nicholas Brewer
Aaron Paul Johnson

Peter S. Shirley

Master of Science

Mechanical Engineering

Ahmed Afzal	Sai Srikar Lanka
Nolan Anthony	Gabrielle Annelise Nichols
Jasdeep Bajaj	Dharma Raj Ojha
Cameryn Joseph Bell	Dhyan Dharmesh Patel
Bryce Johnathon Bodner	Michael Christopher Rakoski
Nicole Flinders	Trevor Jaxon Shaughnessy
Luis Manuel Garcia	Bishoy Nabil Soliman
Cole David Garrison	Archit Thiagarajan
Nicolas Sean Grigat	Shivam Jignesh Vashi
Juan Carlos Hernandez Guerra	Mingjun Wei
Vincent T. Irani	

Department of Multidisciplinary Engineering

Master of Engineering

Engineering

Jim Allen Chisholm	Kylie Kristine Rozzell
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Department of Nuclear Engineering

Master of Science

Nuclear Engineering

Adam Bernacchi	Artur Santos Paixao
Chris Mendez, Jr.	Seungwoo Son

Department of Ocean Engineering

Master of Science

Ocean Engineering

Martin Jermaine Craig	Harsh Mattoo
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Department of Petroleum Engineering

Master of Science

Petroleum Engineering

Majd B. Awarkeh	Botong Deng
Anhu Bhama Bhaskaran	Guodong Ren
Jhonny Eduardo Colina Arias	Oluwasanmi Olaife Talabi



School of Law

Presented by Mr. Robert B. Ahdieh, Dean

Master of Laws

Laws

Jaime Aleman
Kristina Belanger
Nicholas Dyer
Travis David Neff

Tre Christopher Roberts
Brook W. Scarpinato
Sarah Brooke Severson

Master of Legal Studies

Intellectual Property

Rickey Dwayne Atkins, Jr.
Debora Cristina Espana

Christopher Brian Ferguson
Jaden Veronica Gardner

Legal Studies

Jasmin Alvarado
Juan Alejandro Arevalo
Jase Tobin Ashcraft
Alejandro Baerenwald
Micha Jeane Bailer
Robert John Barnes
Jeffrey Edward Bartulla
Corey Ashton Bell
Megan Ashley Berg
Broderick C. Blanchard
Briana T. Boyce
Kayla Aaliyah Broomfield
Elizabeth Jayne Caldwell
William Preston Caldwell
Chelsea T. Campbell
Jonathan Canon
Laura Leann Capps
Amber Roselynn Carey
Kati Jo Clark
James Heath Coleman
Zoe Natasha June Cook
Lori Lynn Cox
Pascale Dahrouj
BJ Allen Davis
Mayra Y. Deleon
Karen Dilber
Tiera Antrenette Dobbins
Joshua Aaron Dray
Deena Lynn Duda
Bret Alan Farris
Richard E. Faulkner, Jr.
Leanne Patricia Ferrara-Stone

Jessica R. Flores
Kiara Kashay Ford
Raynold B. Gallego
Viktoriya Gorobets
Stefanie Bauer Grasty
Rhon-Anthony Trammell Green
Noreen Cruz Moy Grenier
Gerard G. Gurnari
Onyx Velise Hall
Mia Khalaya Hamlin
Catherine Hervey
Tyeca D. Hobby
Isha R. Hutchinson
Michaela Rose Jaster
Zoe Nicole Jeffries
Erin Marie Jordan
Laquita Lanette Kincaide
Jonathan Lawrence Knabe
Crystal M. Kolton-Burt
Christopher Michael Lally
John Wesley Lindsay
Heather Pauline Lloyd
Sarani Majalca
Yuridia Elizabeth Martinez
Richard D. McCrohan
Molly Kathleen McDaniel
Melissa Kay McKinney
Kevin T. McLaughlin
Richard Arnold Molina
Erika Lee Moody
Larissa Moran
Taryn M. Moustakas

John Derrick Ness
 Paulina Oaxaca
 Claire Elizabeth Plowden
 Russell Lane Ponder
 Jasmine Damara Porter
 Leo Ramirez
 Grant Alec Reichert
 Amy Elizabeth Rister
 Faith La'Carol Roberts
 Liam Stewart Rose
 Morgan K. Rosser
 Tristan Blain Scheffer
 Tiffany Evans Scheurenbrand
 Kendall Elise Schroeder
 Faith Emogene Schultze
 Cade Ross Siske
 Cortez Smith
 Makalyne Nicole Solis

Jordyn L. Sparks
 Amber A. Spears
 Gracie Clara Stagon
 Trenton Swope
 Joseph Jakob Thannisch
 Chantelle Theocharidis
 Alexandra Deanna Trotta
 Gerard Ivan Van Ginkel
 Alisha Dee Vance
 Gary David Wallace
 Tuija Talvikki Walsh
 Zane Gregory Wanjura
 Michael William Waschka
 Lydia Wharton
 Romello Deshawn Wilson
 Aaron Wise
 Anne Marie Wood
 Dwain Carl Wooley II

College of Nursing

Presented by Dr. T. Leann Horsley, Dean

Master of Science in Nursing

Forensic Nursing

Kyrie Alexis Bretz
 Sandra Nicole Elledge
 Hannah Joelle Maloney

Denise Nicole Rodriguez
 Kasi Shock
 Melinda Kaye Starkes

College of Performance, Visualization and Fine Arts

Presented by Dr. Francesca Marini, Associate Professor

Master of Arts

Performance Studies

Kasun Dulshan Gayathra Dassanayake Basnayake Ralalage

Master of Science

Visualization

Lauren I. Enriquez
 Gabrielle Noel Fisher
 Finnegan Travis Hein
 Yi-Cheng Hsiao
 Marisa Toussaint Jacques

Jocelyn Yamilex Lopez
 Genevieve Elise Marengo
 Veronika Minina
 Dhruv Rathod
 Kasandra Giselle Thatcher



School of Public Health

Presented by Dr. Rhonda N. Rahn, Associate Dean

Department of Epidemiology and Biostatistics

Master of Public Health

Biostatistics

Kiyoung Kim

Epidemiology

Destiny D. Grisby

◊ Esther P. Kim

◊ Matthew Lee Laughlin

Edgar Perez

Carolynn Virginia Stallman

Carlos Eduardo Trujillo

Department of Health Policy and Management

Master of Public Health

Health Policy and Management

Erum Shah

College of Veterinary Medicine and Biomedical Sciences

Presented by Dr. Gregory A. Johnson, Assistant Dean

Department of Veterinary Integrative Biosciences

Master of Science

Biomedical Sciences

Laura E. Malone

Juliann Milks

Sean Jacob Morris

Elizabeth Rose Ohnesorge

Tyler W. Pimentel

Alexandria Renee Ross

Karen Villegas Guio

Connor Anthony White

Peri L. Wilson

Science and Technology Journalism

Sanjida Akter

Francesca R. Landon-Harding

Abdurrahman Nasr Ali Radwan

Department of Veterinary Large Animal Clinical Sciences

Master of Science

Biomedical Sciences

Elizabeth Ann Au
Jeidha A. Guzman

Devin Elizabeth Rubio
Grace Olivia Weir

Department of Veterinary Pathobiology

Master of Science

Biomedical Sciences

Tahj Aaliyah Boston

Isabelle Katherine Williamson

Department of Veterinary Physiology and Pharmacology

Master of Science

Biomedical Sciences

Lilia Annalise Barnett

Josiah Rayne Marquez

Toxicology

Madeline English

Department of Veterinary Small Animal Clinical Sciences

Master of Science

Biomedical Sciences

Gabriela Beatriz Ortiz

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.

Undergraduate Research Scholars

The Undergraduate Research Scholars program provides motivated undergraduates the opportunity to engage in quality, in-depth research experiences. Over two semesters Scholars work with faculty mentors to produce a formal undergraduate research thesis and a public presentation of their research results.

Maksim Alekseyevich Prokhorov BA English

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.

College of Architecture. The College 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 College 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.

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.

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.

College 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.

College 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.

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.

College 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.

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

College 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 College of Pharmacy. The mortar and pestle on the College of Pharmacy gonfalon symbolize the tools of traditional pharmacy. The Rx is from the Latin, "Take thou."

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

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

“The Spirit of Aggieland”

By Mimms-Dunn

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

Chorus

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



CONGRATULATIONS NEW GRADUATES!

WELCOME TO THE ASSOCIATION OF FORMER STUDENTS!

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

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

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



The Association of Former Students is **HERE** for Aggies during their days as students and former students, **THERE** for Aggies as they make their way around the world and **EVERYWHERE** that the Aggie Network needs us to be.

This program is accurate with respect to the degree awarded and honors conferred based on available information at the time of print production. Neither a name listed herein nor participation in the ceremony guarantees the awarding of a degree or honors. The Office of the Registrar retains each student's permanent academic record, which indicates these official designations.

This program is available for download on the graduation website at <https://registrar.tamu.edu/graduation/ceremony-information/commencement-program-archives>.