



TEXAS A&M UNIVERSITY  
*Commencement*

*December 17, 2025*

*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

**Wednesday, December 17, 2025, 9 a.m.**

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

College of Agriculture and Life Sciences  
Bush School of Government and Public Service  
Mays Business School  
College of Dentistry  
College of Education and Human Development  
Naresh K. Vashisht 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

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**Wednesday, December 17, 2025, 2 p.m.**

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

College of Architecture  
College of Arts and Sciences  
College of Engineering  
School of Law



# 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. Blanca M. Lupiani, Vice Provost for Faculty Affairs

### 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

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

## *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 (interim) . . . . .	Mr. Thomas D. Williams
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 (interim). . . . .	Dr. Simon W. North
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, Naresh K. Vashisht 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 for 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 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 Finance and  
Chief Financial Officer . . . . . Mr. John W. Crawford  
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  
Associate Vice President and Chief Operating Officer,  
Higher Education Center at McAllen . . . . . Mr. Ernest Aliseda  
Associate Vice President and Chief Operating Officer,  
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.)



**December 17, 2025**  
**—9:00 a.m. Ceremony—**

College of Agriculture and Life Sciences  
Bush School of Government and Public Service  
Mays Business School  
College of Dentistry  
College of Education and Human Development  
Naresh K. Vashisht 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

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*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*

Jordan Melissa Adams	Animal Science
Dissertation:	"Nutritional Intervention and Decision-Support Technology to Improve the Sustainability of Beef Cattle Production"
Chair:	Luis Tedeschi
Jayashan Adhikari	Food Science and Technology
Dissertation:	"Continuous-Flow High-Pressure Homogenization Enhances Stability and Functional Potential of Bioactive Compounds in Fruit Juices During Cold Storage"
Chair:	Bhimanagouda S. Patil
Erin Arthur	Plant Pathology
Dissertation:	"Development of Management Practices for the Emerging Disease Pecan Leaf Dieback"
Chair:	Young-Ki Jo
Shannon Avery Baker	Plant Breeding
Dissertation:	"Integrating UAS-Based Phenomic Data into the Texas A&M AgriLife Wheat Breeding Program"
Chair:	Amir Ibrahim
Co-Chair:	Jackie C. Rudd

- Sangeeta Balyan ..... Food Science and Technology  
Dissertation: "Development of Bio-Based Encapsulation Systems for Stabilizing Plant Bioactive Compounds Using Lactobacillus-Derived Exopolysaccharides"  
Chair: Bhimanagouda S. Patil
- Samikshya Bhattarai ..... Horticulture  
Dissertation: "Pre-Harvest Supplemental Blue and UV-B Light Reconfigures Primary and Secondary Metabolism in Greenhouse-Grown Tomatoes"  
Chair: Bhimanagouda S. Patil
- Bradley Reed Burroughs ..... Recreation, Park and Tourism Sciences  
Dissertation: "Examining Pro-Environmental Behaviors of Volunteer Tourists Through the Value-Belief-Norm Theory"  
Chair: James Petrick
- Sarah Ann-Drumm Chu ..... Agronomy  
Dissertation: "Investigations into Harvest Weed Seed Control in Cotton-Base Cropping Systems"  
Chair: Muthukumar V. Bagavathiannan
- Christopher Cobos ..... Soil Science  
Dissertation: "A Review of Regenerative Agriculture in Cotton Production Systems Across the Semi-Arid Texas High Plains"  
Chair: Katie R. Lewis  
Co-Chair: Terry Gentry
- Aaron J. Corsi ..... Horticulture  
Dissertation: "Improving Texas Wine Quality"  
Chair: Luis Cisneros-Zevallos
- Max Errickson Simons ..... Biochemistry and Molecular Biophysics  
Dissertation: "Biosynthesis of UDP-L-Arabinofuranose, CDP-D-Fucofuranose and CDP-6-Deoxy-L-Altrofuranose for the Capsular Polysaccharides of *Campylobacter jejuni*"  
Chair: Tatyana Igumenova
- Benton Louis Fry ..... Ecology and Evolutionary Biology  
Dissertation: "Using Molecular Methods to Estimate Fish Community and Diet Structures"  
Chair: Kirk Winemiller
- Russ Alan Garetson ..... Agronomy  
Dissertation: "High-Throughput Phenotyping of Texas Hard Red Winter Wheat Using UAS and LiDAR"  
Chair: Amir Ibrahim
- Mridula Gupta ..... Poultry Science  
Dissertation: "Gut-Brain Signaling in the Context of Vaccination: From Peptides to Single Cells"  
Chair: Giridhar N. Athrey
- Hye Won Han ..... Nutrition  
Dissertation: "Intermittent Fasting Restores Metabolism and Immunity in Obesity and Aging through Nutrient-Sensing Ghrelin Receptor"  
Chair: Yuxiang Sun

- Jennifer Dawn Hodson . . . . . Agricultural Leadership, Education, and Communications  
 Dissertation: "Disaffiliation in the United Methodist Church: A Phenomenological Study of United Methodist Pastors in the Texas Annual Conference"  
 Chair: Lori L. Moore
- Pierce Andrew Jamieson . . . . . Plant Pathology  
 Dissertation: "Characterization of Plant Biotic and Abiotic Stress Responses Using the Cotton Fusarium Pathosystem and Exposure to Perfluoroalkyl Contaminants"  
 Chair: Won-Bo Shim
- Seonghwan Kang . . . . . Horticulture  
 Dissertation: "Optimizing Light and CO<sub>2</sub> To Enhance Lettuce and Dwarf Tomato Production in Controlled Environments"  
 Chair: Shuyang Zhen
- Katrina DeAnne Keith . . . . . Ecology and Conservation Biology  
 Dissertation: "Avian Malaria Disease Ecology and Toll-Like Receptor Diversity in Birds of Texas and Mexico"  
 Chair: Gary Voelker
- June Labbancz . . . . . Horticulture  
 Dissertation: "Pangenomic Analysis of *Pyrus* spp. and Transcriptomic Characterization of Pecan Nut Development"  
 Chair: Amit Dhingra
- Yuhong Lei . . . . . Agricultural Economics  
 Dissertation: "Three Essays on Dairy Participation in Climate Mitigation"  
 Chair: Bruce McCarl
- Aihui Li . . . . . Agricultural Economics  
 Dissertation: "Household Demand, Market Disruptions, and Food Access: Essays on the Economics of Infant and Toddler Nutrition"  
 Chair: Yu Zhang
- Weifang Liang . . . . . Agricultural Economics  
 Dissertation: "Essays on Risk Management and Price Forecasting in Agricultural and Food Economics"  
 Chair: Yong Liu
- Autumn Selah McManis . . . . . Genetics and Genomics  
 Dissertation: "Understanding Proneural-Mesenchymal Transition Using Patient-Derived Glioma Stem-Like Cell (GSC) Organoids and Engineered Extracellular Matrix"  
 Chair: Irtisha Singh  
 Co-Chair: Akhilesh K. Gaharwar
- Jorge Humberto Medina Durán . . . . . Ecology and Evolutionary Biology  
 Dissertation: "Diversity and Coevolution of Eugregarine Protist Symbionts (Apicomplexa: Eugregarinorida) in the Insect Order Orthoptera"  
 Chair: Hojun Song

- Noriki Miyanaka ..... Agronomy  
 Dissertation: "Developing Sustainable Strategies for Conventional Cotton Production in East-Central Texas"  
 Chair: Nithya Rajan
- Ana Emilia Nava Ochoa ..... Food Science and Technology  
 Dissertation: "Therapeutic Potential of Dark Sweet Cherry Anthocyanin-Rich Extract as a Complementary Strategy to Overcome Drug Resistance and Metastasis in Triple-Negative Breast Cancer"  
 Chair: Susanne Talcott  
 Co-Chair: Giuliana D. Noratto Dongo
- Edward G. Nicholson ..... Ecology and Evolutionary Biology  
 Dissertation: "Invasive Frogs: Mechanisms of Introduction and Discovery of Novel Species Interactions"  
 Chair: Lee Fitzgerald
- Moeka Ono ..... Ecology and Conservation Biology  
 Dissertation: "Assessing Carbon Allocation and Soil Carbon Dynamics in Managed Forest Ecosystems"  
 Chair: Asko Noormets
- Rafael Ramon Paiva ..... Animal Science  
 Dissertation: "Pregnancy Associated Glycoproteins as a Tool to Predict Embryo Mortality for Key Performance Indicators Improvement"  
 Chair: Ky G. Pohler
- Mickey Ray Parker ..... Ecology and Evolutionary Biology  
 Dissertation: "Integrating Reintroduction Biology and Invasion Biology to Improve Translocation Outcomes for Herpetofauna"  
 Chair: Lee Fitzgerald
- Chiranjibi Poudyal ..... Agronomy  
 Dissertation: "Utilizing UAS-Based Remote Sensing to Evaluate Cotton Performance Across Different Irrigation and Cover-Crop Management Practices"  
 Chair: Nithya Rajan  
 Co-Chair: Curtis Adams
- Youan Qian ..... Agricultural Economics  
 Dissertation: "Three Essays on Experimental Methods and Consumer Behavior: Anchoring Vignettes, Willingness to Pay and Food Choices"  
 Chair: Rodolfo M. Nayga
- Emily Catherine Reed ..... Genetics and Genomics  
 Dissertation: "Elucidating the Function and Regulation of Hemoglobin Alpha in T-Lymphocytes"  
 Chair: Adam J. Case
- Joseph Salvatore Romanowski ..... Genetics and Genomics  
 Dissertation: "Understanding DNA Double-Strand Break Repair in *Aedes aegypti* for Genetic Vector Control Applications"  
 Chair: Zachary N. Adelman

Bala Ram Sapkota. ....	Agronomy
Dissertation:	"Understanding Maize Yield Dynamics and Leveraging Digital Technologies for Yield Prediction"
Chair:	Gurjinder Baath
Co-Chair:	Seth Murray
Pradip Sapkota. ....	Plant Breeding
Dissertation:	"Genomic and Phenomic Prediction for Improving Agronomic and Grain Quality Traits in Grain Sorghum"
Chair:	William L. Rooney
Joon Young Shin. ....	Biochemistry and Molecular Biophysics
Dissertation:	"Structure-Based Novel Drug Identifications in Mycobacterium Tuberculosis"
Chair:	Paul Straight
Bhuwan Shrestha. ....	Animal Science
Dissertation:	"Understanding Culling Dynamics of Cows in Organic Dairy Farms and Evaluating Strategies to Improve Udder Health of Organic Dairy Cows"
Chair:	Sushil Paudyal
Blaine Alan Suehs. ....	Ecology and Conservation Biology
Dissertation:	"The Effects of Glycine Supplementation in Soybean Meal-Based Diets as a Functional Amino Acid for Hybrid Striped Bass ( <i>Morone chrysops</i> x <i>M. saxatilis</i> )"
Chair:	Delbert Gatlin III
Vikas Chandra Tyagi. ....	Plant Breeding
Dissertation:	"Assessing Morphological Diversity and Climate Change Impacts on Johnsongrass ( <i>Sorghum halepense</i> ) and Its Competition with Sorghum"
Chair:	Muthukumar V. Bagavathiannan
Co-Chair:	Nithya K. Subramanian
Ana Maria Velasquez Escobar. ....	Genetics and Genomics
Dissertation:	"Developing a Gene Drive Approach for Island Mouse Eradication and Biodiversity Conservation"
Chair:	David W. Threadgill
Mingxiu Wang. ....	Soil Science
Dissertation:	"Multi-Scale Evaluation of Deep Drainage Responses to Encroached Post Oak Savanna Restoration"
Chair:	Briana Wyatt
Xiaohan Yu. ....	Biochemistry and Molecular Biophysics
Dissertation:	"Reinterpreting Existing Mechanistic Models for Kes1/OSH4 Function in Cells"
Chair:	Michael Polymenis



## College of Education and Human Development

### Doctor of Education

Chad Michael Bronowski ..... Curriculum and Instruction  
Record of Study: "Implementing Argument-Driven Inquiry: Perceptions  
from 5th Through 12th-Grade Argument-Driven Inquiry  
Mentors and Science Teachers"  
Chair: Shaun D. Hutchins  
Co-Chair: Julie A. Singleton

Latisha S. Crockett-Tennell ..... Educational Administration  
Record of Study: "African American Parents' Perceptions of Their Chil-  
dren's Treatment in a Rural Special Education Program"  
Chair: Jean Madsen

Roberto Andres Gonzalez ..... Curriculum and Instruction  
Record of Study: "Understanding the Disconnect: A Qualitative Study  
on How Hispanic ELAR Teachers Perceive and Define  
Success as Arbiters of Academic Identity for 21st Century  
Hispanic Students"  
Chair: John Williams  
Co-Chair: Quinita D. Ogletree

Brittney E. Hawkins ..... Curriculum and Instruction  
Record of Study: "The Role of Effective Technology Use in Teacher-Student  
Relationships"  
Chair: Tugce Aldemir  
Co-Chair: Trina J. Davis

Leigh Anne Klawinsky ..... Curriculum and Instruction  
Record of Study: "The Impact of a Yearlong Residency Program on the  
Sense of Preparedness Felt by Teachers in Their Novice  
Years"  
Chair: Shaun D. Hutchins  
Co-Chair: Paul R. Hernandez

Cheryl Lee Mallant ..... Educational Administration  
Record of Study: "Middle School Teachers' Perceptions About Their Abil-  
ity to Care and Create a Sense of Belonging in Schools  
with Changing Demographics"  
Chair: Jean Madsen

Denisse Rubio Reid ..... Curriculum and Instruction  
Record of Study: "Fostering Student Success in Advanced Placement with  
Disciplinary Literacy"  
Chair: Radhika Viruru  
Co-Chair: Sharon D. Matthews

Veronica Sandoval ..... Educational Administration  
Record of Study: "An Analysis of Compassion Fatigue Among Principals  
Leading in Title I Schools: A Mixed Methods Study"  
Chair: Beverly Irby

### Doctor of Philosophy

Kelli Marie Adam ..... Curriculum and Instruction  
Dissertation: "An Examination of Experiences and Motivations of  
Information Technology Teachers in U.S. High Schools"  
Chair: Trina J. Davis

Nazneen Hyder Askari	Curriculum and Instruction
Dissertation:	"Examining the State of Early Childhood Education Leadership Research, Preparation, and Experiences Through a Macro, Meso and Micro Lens"
Chair:	Cheryl J. Craig
Co-Chair:	Hersholt Waxman
Megan Elizabeth Bishop	Educational Psychology
Dissertation:	"The Impact of a Handwriting and Motor Skills Intervention in Children with or At-Risk for Dysgraphia"
Chair:	Florina Erbeli
Co-Chair:	John M. Goodrich
Amir Pooya Dayani Dardashti	Educational Psychology
Dissertation:	"Pre-Service Teacher's Adoption of Digital Game-Based Learning: A Mixed-Method Study"
Chair:	Rafael Lara-Alecio
Daniel J. De Jesus	Curriculum and Instruction
Dissertation:	"Understanding Biology Faculty Teaching Perceptions and Practices at a Research-Intensive University"
Chair:	Benjamin Herman
Dulce Bizarria Freitas	Educational Psychology
Dissertation:	"Evidence-Based Reading Interventions for Culturally and Linguistically Diverse Students with Disabilities: A Meta-Analysis, Quality Review, and Language Use Survey Study"
Chair:	Lisa Perrott
Kourtney Rogers Gruner	Educational Administration
Dissertation:	"Invisible, Yet Dependable: Examining the Experiences of Engineering Professors of Practice Teaching Online at a Public Research University"
Chair:	Christine A. Stanley
Weiqi Guo	Educational Psychology
Dissertation:	"Exploring the Role of Task Features in Second Language Pragmatics Production"
Chair:	Fuhui Tong
Shante Celeste Hearst	Educational Administration
Dissertation:	"We Won't Be Denied: Exploring Black Women's Experiences Leading White Greek Lettered Sororities"
Chair:	Chayla Haynes Davison
Jason Scott Ireland	Educational Administration
Dissertation:	"Teachers' Perception of Conflict with Peers While Collaborating in Schools with Changing Student Demographics"
Chair:	Jean Madsen
Shweta Kailani	Educational Psychology
Dissertation:	"Meeple-Centered Learning: The Impact of Collaborative Games on the Development of Ill-Structured Problem-Solving Skills in Undergraduate Students"
Chair:	Susan Pedersen
Co-Chair:	Tugce Aldemir

- Zachery Richard Majzun. . . . . Educational Human Resource Development  
 Dissertation: "Blue-Collar Workers' Perspectives on Psychological Safety and Voice: Implications for Employee Engagement and Organizational Learning in the Oil and Gas Industry"  
 Chair: Khalil M. Dirani
- John P. Manning. . . . . Kinesiology  
 Dissertation: "The Role of Cortico-Striatal Functional Connectivity in Set-Shifting, Gait, and Physical Resilience"  
 Chair: Jennifer Yentes
- Huan Meng. . . . . Educational Psychology  
 Dissertation: "Studying the Impact of Graph Display on Graphic Comprehension in Writing Tests for College English Learners (ELS)"  
 Chair: Hector H. Rivera
- Leyla Nicole Moore Norman. . . . . Educational Psychology  
 Dissertation: "An Exploratory Study of Adult English Learners' Perceptions of Participatory Pedagogy"  
 Chair: Rafael Lara-Alecio  
 Co-Chair: Radhika Viruru
- Christine Carroll Richie. . . . . Educational Psychology  
 Dissertation: "Short-Term Study Abroad, a Sense of Belonging, Identity, and Well-Being in Higher Education"  
 Chair: Steven Woltering  
 Co-Chair: Robert S. Woodward
- Peter Anthony Scaramuzzo. . . . . Curriculum and Instruction  
 Dissertation: "A Critical Dehumanist Curriculum Theoretical Inquiry into Inter and Nondisciplinary Ecocentric Education as Necessary Through a Queer Theoretical Lens"  
 Chair: George Slattery
- Liam Sheppard. . . . . Educational Human Resource Development  
 Dissertation: "Exploring Complexity Leadership Theory: A Single-Case Study of Leading and Developing Others in a Public Electric Utility"  
 Chair: Junghwan Kim  
 Co-Chair: Patricia Goodson
- Naike Wang. . . . . Educational Psychology  
 Dissertation: "Examination of Methods of Bayesian Hypothesis Testing for Direct Replication Studies in a Meta-Analytic Framework"  
 Chair: Christopher G. Thompson
- Qiyue Zhang. . . . . Educational Psychology  
 Dissertation: "Longitudinal Mediation: A Latent State-Trait Perspective"  
 Chair: Paul R. Hernandez  
 Co-Chair: Oi-Man Kwok

## Naresh K. Vashisht College of Medicine

### Doctor of Medicine

Natalie Nicole Bourgeois	Medicine
◊ Victoria Ann Hamilton	Medicine
Farzan Adam Poonawala	Medicine
◊ Gabrielle Alyse Rogie	Medicine
Angela Vong	Medicine

### Doctor of Philosophy

Linh Khanh Huynh	Medical Sciences
Dissertation:	"The Hippo Signaling Network in <i>C. elegans</i> "
Chair:	David Reiner
Minsun Jeon	Medical Sciences
Dissertation:	"Novel Genomic Approaches for Early Breast Cancer Detection and Anticancer Therapy-Associated Cardiotoxicity Assessment"
Chair:	Ke Zhang
Co-Chair:	Kenneth Ramos
Cassandra Kaufhold	Neuroscience
Dissertation:	"Understanding Directional Relationships Between the Gut and the Brain in Parkinson's Disease"
Chair:	Farida Sohrabji
Co-Chair:	Rahul Srinivasan
Uffaf Khan	Medical Sciences
Dissertation:	"Pleozymes: Pleiotropic Carbon Nanozymes to Restore Metabolic Deficits in Mitochondrial Disorders as Exemplified by Friedreich's Ataxia"
Chair:	Thomas A. Kent
Jenna Xiaoxuan Liu	Medical Sciences
Dissertation:	"Engineering of Genetically Encoded Molecular Tools for Targeted Modulation of Cell Signaling"
Chair:	Yubin Zhou
Siyao Liu	Medical Sciences
Dissertation:	"Synthetic and Optogenetic Engineering of Innate and Adaptive Immunity for Precision Cancer Immunotherapy"
Chair:	Yubin Zhou
Ziying Liu	Medical Sciences
Dissertation:	"Ectopic FGFR1 Promotes Cholesterol Uptakes and de Novo Synthesis by Activation of SREBP2 in Prostate Cancer Cells"
Chair:	Fen Wang
Co-Chair:	Yubin Zhou

◊ Double Degree



William West Purvines ..... Neuroscience  
Dissertation: "Effects of Developmental and Adult Alcohol Exposure  
on Striatal and Suprachiasmatic Nucleus Function"  
Chair: Jun Wang

### *College of Nursing*

#### *Doctor of Nursing Practice*

Gina Angelic Alvarez..... Nursing Practice  
Debora Eunice Barnola ..... Nursing Practice  
Brooke Elizabeth Browder ..... Nursing Practice  
Maria Isolina Bruton ..... Nursing Practice  
Courtney Sage Burgoon ..... Nursing Practice  
Amy Covanes ..... Nursing Practice  
Pamela Ann Douglas ..... Nursing Practice  
Ashley Gentry Drillen..... Nursing Practice  
Rosario Angelica Garcia ..... Nursing Practice  
Ashley Nicole Kopech..... Nursing Practice  
Evonne Lorrie Lopez..... Nursing Practice  
Scott Earl Shaver..... Nursing Practice

### *School of Public Health*

#### *Doctor of Philosophy*

Jeonghui Park ..... Health Education  
Dissertation: "Women's Reproductive Health and Type 2 Diabetes:  
A Comprehensive Analysis of Prevalence, Preventive  
Health Behaviors, and Challenges Among Menopausal  
Women"  
Chair: Tyler M. Prochnow  
Co-Chair: Matthew L. Smith

#### *Doctor of Public Health*

Vixey Fang..... Public Health Sciences  
Dissertation: "Understanding Critical Windows of Exposure in  
Longitudinal Analysis of Air Pollution and Cognitive  
Function"  
Chair: Xiaohui Xu  
Alexander Boakye Obeng..... Public Health Sciences  
Dissertation: "Asthma and the Home Environment: Linking Popula-  
tion Surveillance with Targeted Interventions in Adults"  
Chair: Genny Carrillo

Samia Tasnim ..... Public Health Sciences  
 Dissertation: "Social Determinants and Mental Health Care Utilization: A Focus on Social Capital and Reproductive-Aged Women in the U.S."  
 Chair: James Burdine  
 Co-Chair: Ellisa Jones-McKyer

Lauren Hailey Williams ..... Public Health Sciences  
 Dissertation: "Nature Contact for Office Workers' Well-Being"  
 Chair: Mark E. Benden

## *College of Veterinary Medicine and Biomedical Sciences*

### *Doctor of Philosophy*

Chee-Hoon Chang ..... Biomedical Sciences  
 Dissertation: "Investigations on Hypocobalaminemia and Cobalamin Supplementation in Dogs and Cats"  
 Chair: Joerg M. Steiner  
 Co-Chair: Jan Suchodolski

Ashley Nicole Coffell ..... Genetics and Genomics  
 Dissertation: "Molecular and Cellular Insights into a Pig Model of Angelman Syndrome"  
 Chair: Scott V. Dindot

Destani Danae Derrico ..... Genetics and Genomics  
 Dissertation: "The Overlooked Outcomes of Alcoholism in American Society: A Father's Influence on Offspring Development"  
 Chair: Michael C. Golding

Alhussien Mamdouh Ali Gaber ..... Biomedical Sciences  
 Dissertation: "Studies on Host Pathogen Interactions of Emerging Vector-Borne Pathogens Causing Lyme Boreliosis and Louse-Borne Relapsing Fever"  
 Chair: Artem S. Rogovsky  
 Co-Chair: David W. Threadgill

Rachel Lauren Hoyle ..... Biomedical Sciences  
 Dissertation: "The Werther Effect Beyond 'Contagion': Media, Meaning, and the Dynamics of Suicide Risk"  
 Chair: Christine Budke  
 Co-Chair: Yasha M. Hartberg

Matthew Ryan Kulpa ..... Biomedical Sciences  
 Dissertation: "Exploring Onchocercidae Biodiversity of Wild North American Ungulates Through Novel Molecular Approaches for Diagnosis"  
 Chair: Guilherme Gomes Verocai

Destiny Ann Mullens ..... Biomedical Sciences  
 Dissertation: "Utilizing Synthetic Data to Enhance Biological Assessment of Bulk RNA Sequencing Data"  
 Chair: Ivan Ivanov  
 Co-Chair: Robert Chapkin



Sarita Neupane . . . . .	Biomedical Sciences
Dissertation:	"Investigating the Role of Glucose and Diabetes-Associated Metabolites During Urinary Tract Infection"
Chair:	Sargurunathan Subashchandrabose
Claudia Esperanza Ossa Trujillo . . . . .	Biomedical Sciences
Dissertation:	"Validation of Rapid Diagnostic Tests for Detecting Markers of Bacterial Resistance to Antimicrobials in the Feces and Nares of Beef Cattle"
Chair:	Keri N. Norman
Co-Chair:	Harvey Scott
Trevor Shane Self . . . . .	Biomedical Sciences
Dissertation:	"Ischemic Heart Disease: Macro to Micro"
Chair:	Cristine Heaps

## *Candidates for Master's Degrees*

### *College of Agriculture and Life Sciences*

Presented by Dr. Jeffrey W. Savell, Dean

*Department of Agricultural Economics*

*Master of Agribusiness*

*Agribusiness*

Lilley K. Alexander	Dallin John Hibbard
Connor Blaise Atkinson	Miles J. Huffhines
Ryan M. Boersma	Sohee Kang
Priti Chintalapati	Stuart M. Lastovica
Rosalva Eliza Diaz	Chitralekha
Thomas Jules Thibault Dumond	Thottarappayil Sukumaran
Cameron Chase Eriksmoen	Bailey Lasalle Tom
Mackenzi May Ferguson	Sammy L. Travis, Jr.
Nicholas S. Friend	Jared C. Zirkel
Abigail Marie Garza	

*Master of Science*

*Agricultural Economics*

Bai Prasad Reddy Andhuri	Macie Jayne McCollum
Andres Boccalandro Ferreira	Haobo Wu
Katelyn Marie Klawinsky	

*Department of Agricultural Leadership, Education, and Communications*

*Master of Agriculture*

*Agricultural Development*

Autumn Marie Hagen	Emma Elaine Rich
Ashley Nicole Maxwell	Megan Lerea Rogers
Cassie Renee Redding	

*Master of Applied Youth Development*

*Applied Youth Development*

Timara D. Chapman	Amanda Oralia Laurel
Lamara Lakeda Distin	Grace Parfitt
Angela Hemphill	

*Master of Science*

*Agricultural Leadership, Education, and Communications*

Dana Hernandez

Katherine Marie Saldana

Faith E. Martin

Ty Garrason Sutton

Taylor Schuster Northcut

*Department of Animal Science*

*Master of Equine Industry Management*

*Equine Industry Management*

Keesa Breelyn Luers

*Master of Science*

*Animal Breeding*

Dylan Eugene Porter

*Animal Science*

Alissa Breanne Herring

Abigail R. Tack

*Department of Biochemistry and Biophysics*

*Master of Science*

*Genetics and Genomics*

Riley Kincade Figueroa

*Department of Biological and Agricultural Engineering*

*Master of Science*

*Agricultural Systems Management*

Ruiji Cheng

*Department of Ecology and Conservation Biology*

*Master of Science*

*Ecology and Conservation Biology*

Meredith Hart Cass

Kalina Eskew

*Department of Horticultural Sciences*

*Master of Science*

*Horticulture*

Amanda Nicole Holland

Julia Ann Minter

*Department of Hospitality, Hotel Management and Tourism*

*Master of Science*

*Hospitality, Tourism and Recreational Management*

Jacob W. Wallace

*Hospitality, Hotel Management and Tourism*

Rongfei Diao

Anna Caroline Huff

*Department of Nutrition*

*Master of Science*

*Nutrition*

Catherine Qin

*Department of Poultry Science*

*Master of Science*

*Poultry Science*

Parker Bassett Watson

Kolton L. Witherspoon

*Department of Rangeland, Wildlife and Fisheries Management*

*Master of Natural Resources Development*

*Natural Resources Development*

Emily N. Cmajdalka

Shannon Leigh Sullivan

Cayley Grace Elsik

Hannah Marie Gladys Thornton

Peyton Fieseler

*Department of Soil and Crop Sciences*

*Master of Science*

*Agronomy*

Tait McCoy Fullwood

Christina Ward

*Plant Breeding*

Pierre Buffard

Samuel Ethan Hester

*Soil Science*

Jonathan Alexander Kerman

*Toxicology*

Jesse Manuel Sandoval



## *Bush School of Government and Public Service*

Presented by Honorable John B. Sherman, Dean

*Department of International Affairs*

*Master of International Affairs*

*International Affairs*

Delia Margene Cheney  
Avery L. Clark  
Andrew Jordan Johnson  
Nanako Ray Renfroe  
Alexandre Robic

Taylor Brianna Slinkard  
Steven Hart Turner  
Clifton Earl Virgil, Jr.  
Steven Cody Watterson

*Master of International Policy*

*International Policy*

Louis Anthony Bertolotti  
Christopher Anthony Cason  
Christianna Marie Castaneda  
Bradford Decker

Steven Anthony Leon  
Katherine Anne Martin  
Keagon Michael McDearmon

*Master of National Security and Intelligence*

*National Security and Intelligence*

Avery Lauren Borens  
Alicia Monserrat Contreras  
Christiana Grace Jensen  
Esenam Kpodo  
Jad Robert Launey

Kaylee Loya  
Brooke Messick  
Lydia Pardun  
Ryan T. Slaughter  
Michael Weiner

*Department of Political Science*

*Master of Science*

*Political Science*

Sanhae Hwang

*Department of Public Service and Administration*

*Master of Public Service and Administration*

*Public Service and Administration*

Luke Andrew Altman  
Maritza Gomez Anderson  
Emily Katherine Barrow  
Andrew J. Camacho  
James Patrick Diamond  
Samantha M. Fabian  
Fernando Fernández  
Sabrina Hernandez Galindo

Jordan Sarrah Gamez  
Steven Earl Green  
Adam Chandler Groce  
Steven Lee Gros  
Samuel Jeffery Grymkoski  
Christian Lee Hadash  
Ashlee Marie Hardy  
Thomas Wayne Hicks

Alicia A. Hodge  
Ryan A. Howard  
Lauren Alexis Johnson  
Jeffrey F. Lacour  
Calvin Neil Lamont  
John Dent Lenderman  
Anthony Lipscomb  
Robert F. Logan

Terry David Lynch  
Ariana I. Martinez  
Regina Odette Moreno  
Joseph Kyle Raymond Randolph  
Brittany T. Re  
Christopher Reighley  
Amie Coomer Reynolds  
Joshua J. Tanner

### *Mays Business School*

Presented by Dr. Shrihari Sridhar, Senior Associate Dean

#### *Master of Business Administration*

##### *Business Administration*

Babatunde H. Abass  
Royce Patrick Achterberg  
Terry Lee Adlong  
Christopher W. Allard  
Eric Almond  
Olivia Andrea Altamirano  
Ruth A. Andrews  
Anthony Gabriel Baerga  
Luis Rene Balderas  
Skylar Barber  
Ashley R. Barreda  
Avery Elizabeth Barron  
Mitchell Thompson Bausch  
Natalie M. Benningfield  
Parker R. Benson  
Samuel Amos Block  
Reed Lamar Bowers, Jr.  
Jade Marie Bradley  
William M. Bradshaw  
Landon Samuel Brandvik  
Matthew Dexter Brent  
Cody Aaron Breunig  
Zeanna Shannell Buchanan  
Samantha Suzette Budwit  
Joshua Daniel Busby  
Samantha Camp  
Ryan N. Campbell  
Mikaele Elizabeth Cantu  
Andrew Cardillo  
Douglas Matthew Carpenter  
Thomas Kyle Caskey  
Nathan Garrett Chandler  
Ashwin Chilakamarri Chary  
Aohan Chen  
Bianca Arianna Chernoff  
Sydney Anne Chernoff  
Loghen Adelaide Christyne

Tynia Nannette Colbert  
Tiffany Collier  
Brielle Shaffon Cooper  
Joseph Scott Corona  
Joseph Fisher Cotie  
Kaitlyn Renee Peters Cupples  
Lance Alex Daniel  
Calvin D. Davis  
Jose Carlos De La Colina Horta  
Dylan John DeGoes  
Andrew K. Deitz  
Nathan Dennis  
Cody Duane Desero  
Christopher Carroll Dilworth  
Abraham C. Duran  
Erin Christine Dutton  
Austin Charles Edwards  
Willie J. Edwards  
Charles Chukwuemeka Eleri  
Corey Emsoff  
Siobhan Nicole Fahy  
Jeff Falks  
Diego Falla  
Roberto Farias  
Rita Fennelly-Atkinson  
Lane Ferguson  
Marcela Crystal Fernandes  
Michael Fitts  
Patricia Stewart Flaherty  
Erika Flesch  
Bryan Alexander Gage  
Alicia Edith Galicia Rodriguez  
Jenna Ganus  
Dave Douglas Garcia  
Renata Garcia  
Glen Gilbert  
Kaitlyn Paige Glawe

Joshua Chase Golla  
 Kyle D. Gonsalvez  
 Madison Marie Griffin  
 Don Leon Groce III  
 Christian Hammon  
 Matthew Wayne Hampton  
 Brandon Kevin Harris  
 Allyson Hayley  
 Robert Francis Healy  
 Savannah Butters Hennig  
 Gerardo Herrera  
 William Russell Hierholzer  
 Arthur Reed Hill  
 Michael Chase Hill  
 Stuart Trei Hill  
 Riley Kilian Hix  
 Meagan Denise Hogue  
 Kenneth Holden  
 Jason H. Holland  
 Taylur Dwane Holland  
 Justin Patrick Horton  
 John Anthony Howard  
 John Elson Howell III  
 Elise Helene Hueter  
 Lloyd Aaron Irvin II  
 Benjamin Iselt  
 Khalil Rashid Jackson  
 Karen Saira John  
 Jenna N. Johnson  
 Maya Ashley Johnson  
 Cory Michael Marvin Jones  
 Shawn Jouthe  
 Isaac Jung  
 Gloria Kankenga  
 Angela Marie Kester  
 Julia Brooke Kieffer  
 Jon Christopher Kinsey II  
 Tyler Kevin Knox  
 James William Laird  
 Julie M. Landers  
 Michael Lee Lane  
 Jose A. Leal, Jr.  
 Randal J. Lemmon  
 Eris Lovos  
 Troy William Mackey, Jr.  
 Derek Antonio Maedke  
 Kyle Mahnke  
 Desiree Ariel Marcos  
 Randy A. Marek  
 Arturo Alejandro Marroquin  
 Brittiani Alvarado Martinez  
 Ryan Mcadams  
 George Austin McClintock  
 Lindsay Curtiss McClintock  
 Suzanne McCurdy  
 Mariah Dawn Meenach

Adrian Alfonzo Mendoza  
 William Michael Metzger III  
 Steven Patrick Meyers  
 Hannah Paige Miller  
 Samuel P. Miller  
 Randle Griggs Moody  
 John Ryan Morris  
 Samuel Austin Morris  
 Mary Kaitlyn Morrison  
 Nathan Joshua Moss  
 David Mulvihill  
 Ross Ray Neill  
 Kenneth Oguejiofor  
 Jeffrey Ohaju  
 Kelly Alice Olden Cook  
 Scott Wayne Opheim  
 Anthony Orta  
 Gonzalo Ortega, Jr.  
 Cody Palmer  
 Chelsea R. Palumbo  
 Antonio Pedraza III  
 Mark Brandon Pemberton  
 Brent H. Pigg  
 Kyle Allen Prescott  
 Isabella Reilly Pridgen  
 Connor Mitchell Privitt  
 Hasan Ali Qureshi  
 Michael Dewayne Ramos  
 Jessica Reyes  
 Grayson Reed Richey  
 Mary Katherine Richter  
 Britney Rimpson  
 Luke Segura Rivera  
 Madeleine Maurene Roberts  
 Jessica Ashley Rodriguez  
 Shelby Taylor Rowland  
 Tyler Everett Rozas  
 Allison Nicole Sadler  
 Jason Scott  
 Rebecca Jane Scott  
 Alyssa D. Serda Faour  
 Diana Shalhoub  
 Elaine Marie Sikes  
 Hannah Elizabeth Simons  
 Ronald Nathan Slawek  
 Phillip Anthony Spencer  
 Gracie Suzan Stryk  
 Monica Suarez  
 Keslyn Raelee Surovik  
 Anna N. Svoboda  
 Allyson Ainsley Sweeney  
 Abira Syed  
 Tanay Pragnesh Tewar  
 Jeffrey Thorn  
 Jill Catherine Treadwell  
 Christa Trebatoski

Amanda Trevino  
Briseida Sarai Tschirhart  
Cassandra Leigh Vale  
Kelly Veillon Valerio  
John Vivian  
Justin Kyle Watkins  
Tamara Jane Weatherly  
Justin Douglas Clark Weber

Christopher Michael Wetmore  
Cameron Wiley  
John Waylon Williams  
Mickey Jae Williams  
Cameron Wilson  
Randall Scott Yerigan  
Isaias Zapata

*Department of Accounting*

*Master of Science*

*Accounting*

Koyo Araki  
◇ Sophia M. Bombach  
◇ Ryan Michael Burt  
◇ Montana Avery Crumbaugh  
◇ Erik Tate Emerson  
◇ Kylah H. Fishbeck  
◇ Serena Marie Gonzalez  
◇ Connor Everett Hanson  
Ethan Bradford Jensen  
◇ Braden C. Kurtz  
◇ Lillian Knighton Leonard  
◇ Emma R. Mangus

◇ Morgan Taylor Matheny  
◇ Emily Dawn McGee  
◇ Weston Carl Miller  
◇ Andrea V. Miquilarena  
◇ Claudia Tate Olson  
◇ Caroline Augusta Paul  
Lauren N. Philipello  
Chase Michael Portwood  
◇ Noah C. Scheffler  
◇ Mary Katherine Verheul  
◇ Ethan Dale Worsham  
Tzu-Yu Yeh

*Department of Finance*

*Master of Financial Management*

*Financial Management*

◇ Conover Harris Able IV  
◇ Aseel Riaz Ali  
Harrison Coyne Bailey  
◇ Maia J. Berry  
Ryan C. Blair  
Joshua Santiago Boihem  
Carli Lauren Bordano  
McLain D. Brock  
◇ Enzo Moreira Caldas  
◇ Gloria Muen Chen  
◇ Natalie R. Chen  
◇ Eleanor Grace Churchill  
◇ Geoffrey Michael Colbert  
◇ Andrew S. Colvert  
Gabriel H. Cote  
◇ Savannah Nicole Coy  
◇ Megan Grace Deming  
Ryan Nicholas Disch  
Justin Alexander Dodd  
Landon Clinton Donley  
Payton E. Florian  
◇ Dylan Joseph Folse

Jonathan Alfredo Fuentes  
Daniel T. Garza  
◇ John Michael Gonzalez  
Gabriel Paul Gruenewald  
◇ Julie Gail Guentert  
◇ Whitney H. Hammonds  
Nathan Kincade Hawkins  
◇ Olivia Wing Kwan Ho  
Hailey Morgan Huettel  
Jaxon Cole Jones  
Jaxon Lamar Jordan  
◇ Manav Pankaj Keshavbhai  
◇ Brielle Priya Khubchandani  
Mary Margaret M. Knolle  
◇ Charles M. Krzysiak  
◇ Colton Lee Marwill  
◇ Carson Anthony McCormick  
Tanner Blake McDougal  
Ryan Scott Moger  
George Spencer Morstead  
Elliot C. Noon  
◇ Joshua Matthew Peterson



- |                        |                           |
|------------------------|---------------------------|
| ◇ Caitlyn Rose Prewitt | ◇ Nolan E. Walker         |
| ◇ Sydney Kate Reese    | ◇ Mitchell Thomas Weaver  |
| ◇ Rodrigo Saenz Tinoco | Mallory J. Whiteside      |
| Elliot M. Schwarzbach  | ◇ Joshua Andrew Williams  |
| ◇ Colin Luke Stasick   | Charles Ryder Wood        |
| David Henry Steffes    | ◇ Annabelle Yang          |
| Michael Eli Stephan    | ◇ Andrew John Zavala      |
| Ryan David Stevenson   | ◇ Christopher Amir Zeidan |
| Timothy Randall Vaughn |                           |

*Master of Real Estate*

*Land Economics and Real Estate*

- |                                |                         |
|--------------------------------|-------------------------|
| Logan Lynn Atchison            | Stuart David Lunn II    |
| George G. Bollman              | Courtney Ann Lyssy      |
| Paula Calleja Rodriguez        | Logan Anne Malone       |
| Jacob Tanner Clanton           | William B. Miller       |
| Cesar Antonio Del Rio-Banuelos | EJ Smith IV             |
| Jordi Christopher Garcia       | Jacob R. Turner         |
| Graham Thomas Garrison         | Hayden Kimbrough Walker |
| Sofia Isabella Goldman         | Mitchell T. Warnock     |
| Jennings Phillip Gresham       | Madelyn E. Warwick      |
| Jackson Lee Herrscher          | Dylan Michael Wesson    |
| Simon Daniel Howe              | Tyler Scott Wherry      |
| Dylan Glenn Johnson            | Carson Michael Winkler  |

*Master of Science*

*Finance*

- |                         |                           |
|-------------------------|---------------------------|
| Saad Ali Akhtar         | ◇ Katherine Ann Pettigrew |
| Jackson L. Blissett     | Derek Alan Romanowsky     |
| Caden Brown Conrad      | ◇ Jason Henry Russell     |
| ◇ Farrah Jewel Ferguson |                           |

*Quantitative Finance*

- |                 |                     |
|-----------------|---------------------|
| Karsten S. Jay  | Jacob Dewitt Marrow |
| Braden J. Kramr | David A. Salazar    |

*Department of Information and Operations Management*

*Master of Science*

*Management Information Systems*

- |                            |                           |
|----------------------------|---------------------------|
| ◇ Jillian Chandler Abraham | Zachary M. Dwyer          |
| ◇ Sai Nikitha Addanki      | ◇ Macy M. Elliott         |
| ◇ Haleigh Olivia Ager      | ◇ Thomas Alan Friesenhahn |
| ◇ Ama Anita Aihie          | ◇ Sergio Gonzalez         |
| ◇ Hadeel S. Balawi         | ◇ Cyrus Haman             |
| ◇ Savana Kyle Bickelhaupt  | ◇ Mallory R. Hill         |
| ◇ Madison Eva Broadbent    | ◇ Mia Nicole Hoang        |
| Nathan E. Brown            | ◇ Selina Wu Huang         |
| ◇ Jesse D. Daniel          | ◇ Nicholas V. Huddleston  |
| ◇ Aryan Rahul Desai        | ◇ Hunter Kyle Lanham      |

◇ Double Degree



- |                      |                          |
|----------------------|--------------------------|
| ◇ Kara Nicole LePage | ◇ Elizabeth Marie Rubio  |
| ◇ Luke P. McLane     | ◇ Hayden Michelle Shantz |
| ◇ Angela Xinyi Miao  | ◇ Henry Satchel Smogur   |
| Ngoc Phan Anh Nguyen | ◇ Meredith D. Turner     |
| ◇ Madison E. Rimbey  | ◇ Ian Bryce Winslow      |
| ◇ Joshua Roy         | ◇ Harper McKayla Zorkic  |

*Department of Management*

*Master of Science*

*Entrepreneurial Leadership*

- |                             |                           |
|-----------------------------|---------------------------|
| Jacqueline Christina Barnes | Joseph Taylor Mikulec     |
| Caroline Merigold Bullins   | Jacob L. Moore            |
| Jacob Joseph Carter         | Hannah Ruth Munnerlyn     |
| Christopher A. Encinia      | Aleksander Nowak          |
| Martina Fuentes             | Colby A. Patterson        |
| ◇ Averyl Garza              | Pamela Pipkins            |
| ◇ Emma Kate Grimes          | Leah Pirro                |
| Brayden Neill Jaeckle       | Matthis Liblanc Ross      |
| Tzu-Ching Lee               | Latasha Smith             |
| Jack Mitchell Lewis         | Elizabeth Paige Thomas    |
| Yamei Liu                   | ◇ Chloe Elizabeth Van Til |
| Walker Alton Lott           | Sid W. Wallace            |
| Olivia Shay Lutz            | Malynn I. Ward            |

*Human Resource Management*

- |                          |                          |
|--------------------------|--------------------------|
| Ashley Madison Acuna     | Paula Drew Nolan         |
| Lena Brown               | Baylee L. Pierce         |
| Brianna Danielle Brymer  | Jonna Rose Poursepanj    |
| Nicole Aimee Carroll     | Sarah Elizabeth Ramsey   |
| Kaitlyn R. Fall          | Kristie Ann Reed         |
| Camille Clement Gandy    | Sofia Rodriguez          |
| Reed Sullivan Garbs      | Anella Taylor Roy        |
| Tate Ellington Halford   | Meredith I. Rubin        |
| Avantika A. Joshi        | Claire Sauer             |
| Rachel Marguerite Kelley | Nicole H. Sherfield      |
| Kevin Kibe               | Samantha Lee Smart       |
| Mary Katelynne Landry    | Elizabeth Rose Soisson   |
| Emma Grace Lary          | Ashley Lynn Szabo        |
| Elizabeth Grace Little   | Alexsandra Teran Aguirre |
| Ryan Andrew Lucas        | Alexander M. Wainwright  |
| Robert T. Molinar        | Kharis Brooklynn Walsh   |
| Cassia Elizabeth Morris  | Braeden Matthew Whitten  |
| Parker Emerson Newton    | Olivia Laine Williams    |



## *College of Dentistry*

Presented by Dr. Lily T. Garcia, Dean

*Master of Science*

*Oral Biology*

Jemma L. Hanson  
Yuhong Lin

Niousha Panahi  
Kheya Patel

## *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*

Chase Tyler Jacob

Anthony Keith Wolverton

*Master of Science*

*Educational Administration*

Chandler Kaye Guardado Rivera

Cassidy Lauren Hale

*Educational Human Resource Development*

Jordan Weido Adams  
Jae Young Chung  
Kara Green  
Kaiah Elena Lindquist  
Gordon Gilinger Milne

Paulo Onate  
Landon Ross Stanley  
Brian Lee Thigpin  
Ruben A. Valdez  
Zhuoyi Wang

*Department of Educational Psychology*

*Master of Education*

*Bilingual/ESL Education*

Maria Hernandez

Gintang Mahadijun La Oni

*Educational Psychology*

Briana Celine Amador  
Zain Aziz  
Loryn Ashley Bailey  
Omari Burton  
Lindsey Michelle Carl  
Tori Labre Copeland  
Chelsi Gallina Graham

Melissa Gutierrez  
Haley Hart  
Meagan Renae Hubbard  
Mai Vu Hoang Le  
Katia L. Montemayor  
Rebecca Rachel Philips  
Kaitlyn M. Pierce

Ryan Frank Pittsinger  
Lillie M. Stockseth  
Yixuan Sun  
Nnenna K. Uche

Maitreyi Darshan Vartak  
Ashlynn M. Wessels  
Lily R. Williams

*Department of Kinesiology and Sport Management*

*Master of Science*

*Kinesiology*

Madeline A. Chamness  
Brian Anthony Jobs  
Jackson Daniel Wagner

Alexandra Tayte Watson  
Tsai Ying Wu

*Sport Management*

Adaora Ifeoma Asiegbu  
Kyla Renae Brent  
Jasmyne Chardai Cameron  
Kyla L. Crawford  
Jaden Wayne DeJean  
Andrew Scott DeKruyf  
John Michael Forst  
Robert Anthony Guillen  
Hunter W. Henderson  
Luke Elliot Jones  
Paul Dudley Kirby  
Taylor Ashley Kissner  
Kyle Anthony Lagrutta  
Millie Green Landon  
Chase Austin Lane

Riley Danielle Marx  
Shaun Edward McDowell  
Kassidy E. Melancon  
Justin Munns  
Mallory M. Reynolds  
Bryn Tyson Roberts  
Brody Lane Rogers  
Robert Rypkema  
Ava Leigh Sawka  
Rolando Serna  
Karissa Sluus  
Ellee Stinson  
Chandler Lynn Talbot  
Trevor A. Werner

*Department of Teaching, Learning and Culture*

*Master of Education*

*Curriculum and Instruction*

Abigail Grace Ahrens  
Maya Kaye Arnold  
Mattie Elizabeth Baublitt  
Haylie A. Burns  
Amanda Turk Clair  
Emily Rose Daugherty  
Ashley Anne Eaves  
Paige Renee Fair  
Sydney Fox  
Mackenzie Faith Hermes  
Armenia Ashtyn Holley  
Bailee R. Holley  
Jordyn Nicole Jeter  
Madylin Kay Koliba  
Katie A. Lucky  
Christina Marie Martini

Zachary Eric Mendez  
Zhanna Brynn Miller  
Alexa Munoz  
Rachel K. Novosad  
Mariah Pastrano  
Cassidy Christine Rather  
Brittney Clark Rothmann  
Heather Ann Slawson  
Emily D. Smajstrla  
Valerie Nicole Solis  
Laura A. Sullivan  
Caroline Grace Supak  
Katherine R. Taylor  
Lauren Elizabeth Ware  
Kayla Renee Whitley  
Daniela Itzel Zapata



*Learning Design and Technology*

Emily Victoria Atlikhani  
Prabhjot K. Basra

Daisey P. Henson

*Naresh K. Vashisht College of Medicine*

Presented by Dr. Gillian Bartlett, Associate Dean

*Master of Science*

*Education for Health Care Professionals*

Ritvik Bhattacharjee  
Cassie Rochelle Malone

Elaine M. McQueen

*Medical Sciences*

Robert Frederick Beach III  
Ritika Gangarapu  
◊ Victoria Ann Hamilton

Grace A. Harper  
Hanlu S. Sun

*College of Nursing*

Presented by Dr. T. Leann Horsley, Dean

*Master of Science in Nursing*

*Nursing Education*

Suzette Bautista  
Skylar Devers  
Jennifer Jordan Jones

Yomali Jordan  
Rachel Karlin Potter

*College of Performance, Visualization and Fine Arts*

Presented by Dr. Francesca Marini, Associate Dean

*Master of Science*

*Visualization*

Alexander Tiger Ford  
Vidushi Gupta

Trang Thi Thuy La

## *School of Public Health*

Presented by Dr. Shawn G. Gibbs, Dean

*Department of Environmental and Occupational Health*

*Master of Public Health*

*Environmental Health*

Steven Melzow

*Occupational Safety and Health*

Johnny Van Le

Kenneth J. Luedicke

*Department of Epidemiology and Biostatistics*

*Master of Public Health*

*Epidemiology*

Mahjarin Akter

Mary Ann Martinez

## *College of Veterinary Medicine and Biomedical Sciences*

Presented by Dr. Michael F. Criscitiello, Associate Dean

*Department of Veterinary Integrative Biosciences*

*Master of Science*

*Biomedical Sciences*

Dazmine Shelae Mary  
Oluwabunmi Dawodu  
Tanner Joe Kerry  
Geyasri Kondapaneni

Luz Maria Martinez  
Elizabeth Anne Rakestraw  
Connor Eli Tole  
Brooke A. Williams

*Veterinary Public Health - Epidemiology*

Liligrace Annette  
Birdsong-Sherwood  
Abigale A. Chandler

Elijah Gandara  
Desmond S. Givens

*Department of Veterinary Large Animal Clinical Sciences*

*Master of Science*

*Biomedical Sciences*

Robyn Michelle Laible

Akruti Obhrai

*Department of Veterinary Pathobiology*

*Master of Science*

*Biomedical Sciences*

Carter William Cook  
Kushal Raj Lamsal

Ashley Rose Schack  
Zachary Adam Winovitch

*Department of Veterinary Physiology and Pharmacology*

*Master of Science*

*Biomedical Sciences*

Bailey Katherine Bloodworth  
Andres A. Holguin

Daniel Martinez Alvarado

*Department of Veterinary Small Animal Clinical Sciences*

*Master of Science*

*Biomedical Sciences*

Sofia Guadalupe Jaramillo

Zong Hang Peng





**December 17, 2025**  
**—2:00 p.m. Ceremony—**

College of Architecture  
 College of Arts and Sciences  
 College of Engineering  
 School of Law

*Candidates for Graduate and Professional Degrees*

Presented by Dr. Fuhui Tong  
 Associate Provost and Dean

*Graduate and Professional School*

*College of Architecture*

*Doctor of Philosophy*

- |                               |   |
|-------------------------------|---|
| Hussein Ahmad Al Jebaei ..... | Construction Science  |
| Dissertation:                 | "Investigating the Impact of Personal Environmental Control Systems on the Cost-Comfort-Carbon Nexus in Office Buildings"   |
| Chair:                        | Ashrant Aryal   |
| Mason Alexander .....         | Urban and Regional Science  |
| Dissertation:                 | "Disasters, Nonprofits, and Community Recovery: Understanding Long-Term Recovery Groups and Their Unique Contribution to Disaster Recovery"                                     |
| Chair:                        | Michelle A. Meyer   |
| Wayne Casey Day .....         | Urban and Regional Science  |
| Dissertation:                 | "Multifamily Housing and Natural Disasters: The Influence of Property, Market Segment, and Owner Characteristics on Hurricane Harvey Flood Exposure, Impacts, and Recovery"     |
| Chair:                        | Walter Peacock  |
| Co-Chair:                     | Shannon S. Van Zandt  |
| Hameedullah Ehsas .....       | Construction Science  |
| Dissertation:                 | "Advancing Metal Stud Framing and Drywall Productivity: Identification of Contributing Jobsite Factors, Correlational Relationships, and Empirical Validation of Tool Adequacy" |
| Chair:                        | Zofia K. Rybkowski  |
| Sahba Samadi .....            | Architecture  |
| Dissertation:                 | "Computational Modeling of Modular Structures for Design Automation of PEMB Systems"  |
| Chair:                        | Stephen Caffey  |

Bryan Lyndon Waters ..... Architecture  
 Dissertation: "Stakeholder Perceptions of Architectural Services and Professional Attributes"  
 Chair: Mark Clayton  
 Co-Chair: Manish K. Dixit

### *College of Arts and Sciences*

#### *Doctor of Philosophy*

Joyanal Abedin ..... Geography  
 Dissertation: "Modeling the Dynamics of Climatic and Environmental Hazard Risks by Leveraging Geospatial Data Science"  
 Chair: Lei Zou

Laura Ann Bills ..... Chemistry  
 Dissertation: "Measuring Production Pathways for the Targeted Alpha Therapy Candidate Terbium-149"  
 Chair: Sherry Yennello

Nicholas Carl Budsberg ..... Anthropology  
 Dissertation: "The Highbourne Cay Shipwreck: Past, Present, and Future"  
 Chair: Jeffrey Winking  
 Co-Chair: Luis F. Vieira De Castro

Bo Chen ..... Atmospheric Sciences  
 Dissertation: "Advancing the Measurement and Understanding of the Aerosol Vertical Profile Using Micropulse Lidar"  
 Chair: Sarah Brooks

Chi-Jui Chen ..... Atmospheric Sciences  
 Dissertation: "Advancing Precipitation Prediction: Regional Mesh Refinement and Machine Learning for Weather and Climate Modeling"  
 Chair: Ramalingam Saravanan

Macy Lentz Dunklin ..... Communication  
 Dissertation: "Educating Below The Belt: Enforcing and Destigmatizing Sex Education in the Bible Belt"  
 Chair: Anna W. Wolfe

Ahmed Abdelrahman Abdelrahman Ahmed Elezaby ..... Physics  
 Dissertation: "Superconductivity Near a Quantum-Critical Point: Studies on Transition Temperature, Gap Function, and Topological Phases Using the Spin-Chain Formalism"  
 Chair: Artem G. Abanov

Kathleen R. Floyd ..... Chemistry  
 Dissertation: "Understanding Mechanosynthesis: Uncovering the Variables That Govern the Performance of Mechanochemical Reactions"  
 Chair: James Batteas

Xuan Han ..... Chemistry  
 Dissertation: "Synthesis, Characterization, and Application of Mirror-Image L-RNAs"  
 Chair: Jonathan T. Sczepanski

Joseph Todd Harrington	Applied Physics
Dissertation:	"Experimental Photonics Across the Spectrum: From Ultrasensitive Spectroscopy to Precision Ablation"
Chair:	Vladislav V. Yakovlev
Chia-Min Hsieh	Chemistry
Dissertation:	"Structure-Processing-Property Engineering of Polymeric Materials for 3D Printing and Carbon Capture"
Chair:	Emily Pentzer
Wei-Chih Huang	Physics
Dissertation:	"Probing Beyond Standard Model Particles with Inelastic Nuclear Scattering"
Chair:	Bhaskar Dutta
Jyothis James	Philosophy
Dissertation:	"Vibrantly Vibing: An Invitation to Black Everyday Aesthetics Through the Black Dandy"
Chair:	Amir R. Jaima
Hai In Jo	English
Dissertation:	"Black Data: Racial Politics of Datafication in African American Literature"
Chair:	Amy E. Earhart
Tazrin Jannat Khan	Communication
Dissertation:	"Exploring Parents' Moral Values and the Impact of Moral Message Framing on HPV Vaccination Intentions: A Mixed-Methods Approach"
Chair:	Lu Tang
Marshall Thomas King	Mathematics
Dissertation:	"Eigenvalue Asymptotics on Quantum Graphs with Shrinking Edges"
Chair:	Gregory Berkolaiko
Jennifer L. Kling	Clinical Psychology
Dissertation:	"Risk Prediction Using Cumulative Neural Risk for Child Anxiety"
Chair:	Rebecca Brooker
Syuan-Ting Kuo	Chemistry
Dissertation:	"Advancing Lipid and Therapeutic Targets Structural Analysis Through Ion Mobility, Hydrogen-Deuterium Exchange, and Native Mass Spectrometry"
Chair:	Xin Yan
Co-Chair:	David H. Russell
Anna Marie Marin	Geography
Dissertation:	"The Hydrosocial Relations of Homelessness & Experience of Water Trauma in Seattle, Washington"
Chair:	Wendy Jepson
Jared V. McBee	History
Dissertation:	"We Serve Germany: German Aerial Heroes from Fascism to Democracy"
Chair:	Adam Seipp

David James McClain	Physics
Dissertation:	"Development of GOLIATH: The Gas-Operated Large Ion-Bunch Atomic Trap for He6-CRES"
Chair:	Daniel Melconian
Lauren Ashley McGregor	Chemistry
Dissertation:	"Defining the Molecular Interplay Between Thymine DNA Glycosylase and RNA"
Chair:	Jonathan T. Szczepanski
Brittany Leigh Staff Moody	Anthropology
Dissertation:	"Morphological Variation in Femoral Diaphyseal Cross-Sections Among Recent Homo sapiens in Response to Multiple Evolutionary Forces"
Chair:	Sheela Athreya
Jewelianna Moore	Chemistry
Dissertation:	"Non-Heme Iron Complexes Applied to Oxyanion Reduction"
Chair:	Alison R. Weitzel
Reed Clayton Nessler	Physics
Dissertation:	"Analytical Solutions and Spectral Properties in Laser Systems and Beyond"
Chair:	Marlan Scully
Xinyu Nie	Biology
Dissertation:	"Single Molecule Resolution Study of Circadian Chromatin Dynamics Regulated by the Pioneer Transcription Factor CLOCK:BMAL1"
Chair:	Jerome Menet
Hatice Kubra Pekmez	Mathematics
Dissertation:	"Analytic Problems in Differential Equations and Applications"
Chair:	Peter Kuchment
Co-Chair:	Andrew Comech
Sharada Prasad Sahoo	Physics
Dissertation:	"Experimental Efforts Toward Dark Matter Searches Using CsI(Tl) Scintillator and Cryogenic TES-Based Detectors"
Chair:	Rupak K. Mahapatra
Edudzi David Sallah	English
Dissertation:	"Providence and the Preacher: A Transatlantic Black Religious Discourse"
Chair:	Ira M. Dworkin
John Sarao, Jr.	Geology
Dissertation:	"Paleoceanographic and Biogeochemical Controls on Coccolithophore Assemblages Across the Eastern Pacific Since the Late Pleistocene"
Chair:	Franco Marcantonio
Co-Chair:	Denise K. Kulhanek
Madison Spencer Sheridan	Mathematics
Dissertation:	"A Robust Lagrangian Framework for Compressible Flow & Hyperelasticity"
Chair:	Jean-Luc Guermond

Yanli Shi	Physics
Dissertation:	"Quantum Memories in X-Ray Range"
Chair:	Olga Kocharovskaya
Zhenlei Song	Geography
Dissertation:	"Cyberinfrastructure-Driven Spatial Decision Support Systems: A Scalable Framework for Integrating Participatory Collaboration and Spatiotemporal Modeling"
Chair:	Zhe Zhang
Aishanee Sur	Chemistry
Dissertation:	"Lattice-Isolated Transition Metal Chemistry"
Chair:	David C. Powers
Zachary Kyle Traylor	Industrial/Organizational Psychology
Dissertation:	"Team-Member Substitution: Do After-Action Reviews Mitigate the Expected Performance Decrement?"
Chair:	Winfred Arthur
Tugce Tuna	Neuroscience
Dissertation:	"Diencephalic Contributions to Pavlovian Fear Conditioning and Extinction"
Chair:	Stephen Maren
Co-Chair:	Justin M. Moscarello
Haoyu Wang	Economics
Dissertation:	"Essays In Economics of Education: Dynamic Returns, Selection, and Vocational Tracking"
Chair:	Li Gan
Ran Wang	Psychology
Dissertation:	"Ostracism Forecasting: Predicting Future Feelings of Being a Target of Ostracism"
Chair:	Heather Lench
Yunong Wang	Chemistry
Dissertation:	"Imaging Single Living Biological Cells with Multifunctional Scanning Probe Electrochemistry"
Chair:	Lane A. Baker
Pengsheng Wen	Physics
Dissertation:	"Application of Flow-Based Machine Learning Models to Nuclear Many-Body Calculations"
Chair:	Jeremy W. Holt
Robert Linden Wooderson	Industrial/Organizational Psychology
Dissertation:	"When National Politics Infect the Workplace: An Investigation of Antecedents, Outcomes, and Contextual Moderators of Politically Motivated Incivility"
Chair:	Mindy Bergman
Biaogang Wu	Physics
Dissertation:	"Heavy Quarkonium Transport in the Quark-Gluon Plasma"
Chair:	Ralf Rapp
Co-Chair:	Saskia Mioduszewski

Shao-Jiun Yang .....	Chemistry
Dissertation:	"Synthesis of Defect-Free Conjugated Ladder Polymers"
Chair:	Lei Fang
Ju Eun Yim .....	Chemistry
Dissertation:	"IR Plasmonic Metasurfaces for Resonant Light-Matter Interactions"
Chair:	Matthew T. Sheldon
Siqi Yu .....	Chemistry
Dissertation:	"Density Functional Theory Studies on the Mechanism of Dinitrogen Reduction by Transition-Metal and Borylene Complexes"
Chair:	Michael Hall
Zefan Zhang .....	Chemistry
Dissertation:	"Molecular Structure and Mechanisms Studied by NMR Using Parahydrogen Polarization and Dynamic Nuclear Polarization"
Chair:	Christian Hilty
Boqin Zhao .....	Chemistry
Dissertation:	"Investigation of Photon-Electron Coupling in Plasmonic Metals"
Chair:	Matthew T. Sheldon
Co-Chair:	Dong Son

## *College of Engineering*

### *Doctor of Engineering*

Melanie Cragnoлин .....	Engineering
Dissertation:	"Sustainable Communities Initiative (SCI): A Change Theory-Driven Framework for Addressing the U.S. Housing Crisis Through Modular Housing and AI-Enabled Innovation"
Chair:	Charles M. Wolf
Matthew Brian Mills .....	Engineering
Dissertation:	"A Data-Driven Approach to Identifying Severe Risks in Forklift Operations and Defining Control Requirements for Mitigation"
Chair:	George Ligler

### *Doctor of Philosophy*

Abani .....	Materials Science and Engineering
Dissertation:	"Nonaqueous Acid-Mediated Synthesis of Polymer Nanoparticles and Interfacial Thin Films"
Chair:	Hongcai Zhou
Renee Frances Abbott .....	Aerospace Engineering
Dissertation:	"Design and Evaluation of a Multisensory VR Countermeasure for Behavioral Health in Isolated and Confined Environments"
Chair:	Ana Diaz Artiles

Cameron S. Adkins	.....	Mechanical Engineering
Dissertation:		"Characterization and Parameter Optimization of an Air-Breathing Pulsed Plasma Thruster Array"
Chair:		David Staack
Nicu Ahmadi	.....	Interdisciplinary Engineering
Dissertation:		"Discovering Anxiety's Physiological Signature: Unsupervised Multimodal Pattern Recognition for Artificial Emotional Intelligence"
Chair:		Tracy Hammond
Sophia Ahmed	.....	Materials Science and Engineering
Dissertation:		"Utilization of Nitrate Salt Hydrate Eutectic Phase Transitions for Thermal Energy Storage"
Chair:		Patrick J. Shamberger
Luma Muayad Al-Mahbobi	.....	Materials Science and Engineering
Dissertation:		"Encapsulation of Ionic Liquids and Liquid Amines for CO <sub>2</sub> Direct Air Capture"
Chair:		Emily Pentzer
Tehseena Ali	.....	Civil Engineering
Dissertation:		"Integrated Analysis of Erosion Mechanisms: Insights into Wave Dynamics, Riprap Protection, Rock Erosion and Plume Surface Interaction"
Chair:		Jean-Louis Briaud
Crysthal Alvarez	.....	Mechanical Engineering
Dissertation:		"Technologies for Thermal Control and Diagnostics in Cryopreservation: Photothermal Nanowarming and Digital Holography Interferometry"
Chair:		Guillermo Aguilar-Mendoza
Yashwanth Arcot	.....	Chemical Engineering
Dissertation:		"Engineering and Investigating Interactions of Nano-Encapsulated Bioactive Systems: A Strategic Approach to Combat Agri-Food Pathogens"
Chair:		Mustafa Akbulut
Co-Chair:		Luis Cisneros-Zevallos
James Matthew Ault	.....	Computer Science
Dissertation:		"Deep Reinforcement Learning for Traffic Signal Control"
Chair:		Guni Sharon
Subhojit Biswas	.....	Industrial Engineering
Dissertation:		"Models and Methods for Infrastructure System Restoration and Pricing Under Uncertainty"
Chair:		Joseph P. Geunes
Co-Chair:		Bahar Cavdar
Jordan Elizabeth Brito	.....	Materials Science and Engineering
Dissertation:		"Functional Polyphosphazene-Based Layer-by-Layer Films with Controlled Degradation and Hydrophobicity"
Chair:		Svetlana Sukhishvili
Moiz I. Butt	.....	Nuclear Engineering
Dissertation:		"Assessment of Yttrium Hydride for Microreactors as Neutron Moderators at Elevated Temperatures"
Chair:		Sean McDevitt

Chia Yuan Chang . . . . .	Computer Science
Dissertation:	"Domain Generalization in Machine Learning: Algorithms and Applications"
Chair:	Anxiao Jiang
Co-Chair:	Na Zou
Gunho Cho . . . . .	Biological and Agricultural Engineering
Dissertation:	"Wind Erosion and Soil Organic Carbon Loss in U.S. Rangelands and Croplands: A Comparative Modeling Study from Site to National-Scale"
Chair:	Jaehak Jeong
Co-Chair:	Salvatore Calabrese
Jorge Ignacio Domingo Cisneros Saldana . . . . .	Electrical Engineering
Dissertation:	"On Modeling, Fault Detection, and Design of Protection Schemes in Grid-Connected and Autonomous AC Microgrids with DER Integration Peer-to-Peer Communication-Assisted Relays"
Chair:	Miroslav M. Begovic
Claudia A. Collier. . . . .	Biomedical Engineering
Dissertation:	"Analyzing Enteric Neuroinflammation in Gulf War Illness: Ex Vivo and In Vitro Studies"
Chair:	Shreya Raghavan
Amon Nathaniel Cox. . . . .	Toxicology
Dissertation:	"Multi-Omic Investigation of Gut Microbial Responses to Dietary Contaminants"
Chair:	Arul Jayaraman
Aditya Sachin Deshmukh . . . . .	Civil Engineering
Dissertation:	"Assessment and Optimization of Direct Use Geothermal Energy Technology to Prevent Ice Accumulation on Bridge Decks in Extreme Winter Weather Events in North Texas"
Chair:	Anand J. Puppala
Devon Lee Dollahon . . . . .	Electrical Engineering
Dissertation:	"Quantification of Sensorimotor Intervention Using Interaction Gain in an Internal Model"
Chair:	Hangue Park
Rohit Gulabdhhar Dube . . . . .	Industrial Engineering
Dissertation:	"A Data Driven Integrated Approach for Managing Microgrids with Uncertainties"
Chair:	Natarajan Gautam
Co-Chair:	Amarnath P. Banerjee
Hamed Fallahi . . . . .	Mechanical Engineering
Dissertation:	"Developing New Material Systems and Tailored Nanostructures for Multifunctional and Structural Battery Composites"
Chair:	Amir Asadi
William N. Fife . . . . .	Aerospace Engineering
Dissertation:	"Direct Methods for Uncertainty-Aware Guidance and Trajectory Optimization"
Chair:	Kyle DeMars

Pouyan Forghani . . . . .	Computer Science
Dissertation:	"Secure Parallel Composition of Asynchronous Cryptographic Protocols"
Chair:	Juan Garay
Kevin Fuentes . . . . .	Mechanical Engineering
Dissertation:	"Direct Adaptive Estimation and Control Approaches for Dynamic Systems with Known and Unknown Inputs"
Chair:	James E. Hubbard
Co-Chair:	Mark Balas
Henry Mauricio Galvis Silva . . . . .	Petroleum Engineering
Dissertation:	"Engineering Subsurface Geological Systems for Hydrogen Generation and Storage: Insights from Experiments and Modeling Studies"
Chair:	Esuru R. Okoroafor
Reece Keith Goldsberry . . . . .	Materials Science and Engineering
Dissertation:	"Development and Validation of a 2D Transmission Line Model for Modeling Micro and Macro Electrochemical Interfaces"
Chair:	Homero Castaneda-Lopez
James Edward Gonzales II . . . . .	Biomedical Engineering
Dissertation:	"Development, Implementation, and Applications of Advanced Methods for Performing and Analyzing Molecular Dynamics Simulations"
Chair:	Wonmuk Hwang
Lois Gordils Valentin . . . . .	Genetics and Genomics
Dissertation:	"Engineered Conjugative Type IV Secretion Systems for Bacterial Antagonism Independent of Plasmid Transfer"
Chair:	Xuejun Zhu
Caleb James Grimms . . . . .	Electrical Engineering
Dissertation:	"Finite-Difference Time-Domain Model of Cylindrical Rotationally Symmetric Vector Wave Propagation for Nonlinear Optics"
Chair:	Robert Nevels
Shurui Gui . . . . .	Computer Engineering
Dissertation:	"Learning Invariant Representations for Out-of-Distribution Generalization: Graphs, Functions, and Large Language Models"
Chair:	Shuiwang Ji
Trevor Ryan Hastings . . . . .	Materials Science and Engineering
Dissertation:	"Advancing Materials Discovery Frameworks: Best Practices and Techniques Learned from Batch Bayesian Optimization"
Chair:	Raymundo Arroyave
Co-Chair:	James Paramore
Chaoyi He . . . . .	Electrical Engineering
Dissertation:	"Edge-Intelligent and In-Sensor Computing for Communication and Sensing Systems"
Chair:	Linda Katehi-Tseregounis

Chin-To Hsiao.....	Biomedical Engineering
Dissertation:	"Development of Wearable Sensors for Cardiovascular Disease Monitoring with Machine Learning Algorithms"
Chair:	Gerard Cote
Hailiang Hu.....	Computer Engineering
Dissertation:	"Towards Efficient FPGA-Based Computation: From Prediction to Implementation"
Chair:	Jiang Hu
Seung Hyeop Hyun.....	Mechanical Engineering
Dissertation:	"Reduced Lomakin Effect of Liquid Annular Seals in the Transition Regime"
Chair:	Adolfo Delgado-Marquez
Ashfaq Iftakher.....	Chemical Engineering
Dissertation:	"Modeling and Computing Approaches for Computer-Aided Molecular and Process Design"
Chair:	M M Faruque Hasan
Benson Isaac.....	Mechanical Engineering
Dissertation:	"Efficient Computational Design and Analysis via Distribution-Based Optimal Learning"
Chair:	Douglas L. Allaire
In Kyu Jeon.....	Civil Engineering
Dissertation:	"Development of Low-Carbon Multi-Functional Alkali-Activated Composites for Sustainable Infrastructure"
Chair:	Yong-Rak Kim
Ruowan Ji.....	Computer Engineering
Dissertation:	"Distributed Computation and Learning in Wireless System: Coded Matrix Multiplication, Over-The-Air Federated Learning and LLM Application in Wireless Communication"
Chair:	Krishna Narayanan
Liuyi Jin.....	Computer Science
Dissertation:	"AI-Enabled Next-Generation Emergency Medical Services at the Edge"
Chair:	Radu Stoleru
Poonampreet Kaur Josan.....	Aerospace Engineering
Dissertation:	"Quantifying the Effects of Using a Virtual Assistant on Human Performance Metrics During Spacecraft Anomaly Resolution Task"
Chair:	Ana Diaz Artiles
Raquel Juarez Funez.....	Mechanical Engineering
Dissertation:	"High-Temperature Degradation and Solid-Deposit Formation of Lubricating Oils"
Chair:	Eric Petersen
Mark A. Keppler.....	Biomedical Engineering
Dissertation:	"Two-Axis Compressed Streak Imaging Ultra-High-Speed Fluorescence Microscopy for Cellular Biology"
Chair:	Vladislav V. Yakovlev

Vivekvardhan Reddy Kesireddy . . . . .	Petroleum Engineering
Dissertation:	"Deep-Reinforcement Learning Agents in Autonomous Directional Drilling and Geosteering"
Chair:	Eduardo Gildin
Md Hadiur Rahman Khan . . . . .	Electrical Engineering
Dissertation:	"Development and Validation of Ultrasound Poroeleostography Techniques for <i>in Vivo</i> Study of Cancers"
Chair:	Raffaella Righetti
Seungsu Kim . . . . .	Nuclear Engineering
Dissertation:	"Study On Self-Healing from Irradiation Damage of ZRC"
Chair:	Lin Shao
Jared Kirsch . . . . .	Mechanical Engineering
Dissertation:	"Advancements in Surrogate Modeling Credibility Analysis and Validation Error Regression Applied in Single-Phase Turbulence"
Chair:	Nima Fathi
Jung In Koh . . . . .	Computer Science
Dissertation:	"Embodied Interaction in Virtual Meetings: From Static Gesture Recognition to Few-Shot Gesture Adaptation"
Chair:	Tracy Hammond
Shreyas Kumar . . . . .	Computer Science
Dissertation:	"The Success Framework for SMB: Bridging Perceptions, Incentives, and Trust for Usable Cybersecurity"
Chair:	Guofei Gu
Hao-En Lai . . . . .	Chemical Engineering
Dissertation:	"Elucidating Surface and Interfacial Reaction and Transport Processes Through Computational Chemistry"
Chair:	Perla Balbuena
Ikjae Lee . . . . .	Ocean Engineering
Dissertation:	"Global Performance/Hydroelasticity/Seismic Analyses of 15-MW Floating/Fixed Offshore Wind Turbines Including a Second-Order Wave Diffraction Solution Over Variable Bathymetry"
Chair:	Moohyun Kim
Jonghyun Lee . . . . .	Mechanical Engineering
Dissertation:	"Experimental Investigation of Micro/Nano-Scale Transport Phenomena During Droplet Evaporation"
Chair:	Debjyoti Banerjee
Yongseok Lee . . . . .	Ocean Engineering
Dissertation:	"Enhanced Power and Dynamic Analysis of Surface-Riding Wave Energy Converter: ML-Assisted Latching, Coupled Simulations, and Digital Twin Mooring Monitoring"
Chair:	Moohyun Kim
Bo Li . . . . .	Civil Engineering
Dissertation:	"Addressing Infrastructure Challenges Through the Lens of Resilience and Equity"
Chair:	Ali Mostafavi

Chi-Yang Li	Chemical Engineering
Dissertation:	"A Hybrid Data-Driven and Physics-Based Framework for Predicting CO <sub>2</sub> Release and Dispersion from High-Pressure Pipelines"
Chair:	Qingsheng Wang
Xiner Li	Computer Science
Dissertation:	"Robust Artificial Intelligence Methods for Life Science: Graphs, Geometries, and Sequences"
Chair:	Shuiwang Ji
Shuo Lin	Computer Science
Dissertation:	"Empowering Recommendation Systems with Conversation and Language Models"
Chair:	James Caverlee
Caleb Lindhorst	Biological and Agricultural Engineering
Dissertation:	"Computer Vision for More Efficient Autonomous Cotton Harvesting"
Chair:	Robert G. Hardin
Chenyue Liu	Civil Engineering
Dissertation:	"Explainable Machine Learning for Integrated Urban Design"
Chair:	Ali Mostafavi
Haoran Liu	Computer Science
Dissertation:	"Learning from Structures: Graphs, Knowledge, and Judgement"
Chair:	James Caverlee
Ruida Liu	Electrical Engineering
Dissertation:	"Design Techniques for High Speed Optical Interconnects"
Chair:	Samuel M. Palermo
Junwei Ma	Civil Engineering
Dissertation:	"Understanding Urban Resilience Through Human Network Dynamics in Disasters"
Chair:	Ali Mostafavi
Shikhadri Mahanta	Biological and Agricultural Engineering
Dissertation:	"Enhancing Wheat and Wheat Flour Functionality and Safety with Atmospheric Cold Plasma"
Chair:	Janie M. Moore
Amirhossein Mahdaviarab	Biological and Agricultural Engineering
Dissertation:	"Smart Solutions for Sustainable Animal Waste Management"
Chair:	Zong Liu
Jose Armando Mancias	Materials Science and Engineering
Dissertation:	"Exploring the Physics of Rapid Solidification Microstructures from Additive Manufacturing of Metallic Alloys Using Phase-Field Modeling"
Chair:	Raymundo Arroyave

Sunder Neelakantan	Biomedical Engineering
Dissertation:	"Investigating Cardiopulmonary Biomechanical Remodeling with Application to Pulmonary Hypertension and Radiation-Induced Lung Injuries"
Chair:	Reza Avazmohammadi
Adam Neiss	Interdisciplinary Engineering
Dissertation:	"A Feasibility Study on EVA Fatigue Mitigation Using 3D Motion Capture and Biomechanical Simulations"
Chair:	Mark E. Benden
Huy Loc Nguyen	Biological and Agricultural Engineering
Dissertation:	"Design and Application of Metal-Doped Zeolitic Imidazolate Framework-8 Nanoparticles Coated with Hyaluronic Acid and Encapsulated with Oregano Essential Oil for the Control of Foodborne Pathogens"
Chair:	M Castell-Perez
Co-Chair:	Rosana Moreira
Puhua Niu	Electrical Engineering
Dissertation:	"Policy-Based Training and Evaluation of Generative Flow Networks for Variational Inference in Discrete Spaces"
Chair:	Xiaoning Qian
Jacob E. Norman	Materials Science and Engineering
Dissertation:	"A Mechanistic Evaluation of Defect-Induced Behavior in Undoped and Doped (Co,Cu,Mg,Ni,Zn)O"
Chair:	Julie M. Schoenung
Micah J. Oevermann	Mechanical Engineering
Dissertation:	"RoboBall Volume I: Design, Modeling, and Nutational Instabilities of Soft Pendulum Driven Spherical Robots"
Chair:	Robert O. Ambrose
Rumeysa Busra Ozgunes	Chemical Engineering
Dissertation:	"Investigating Protein Conformational Dynamics Upon Association with Ligands, RNA, and Nanoparticles"
Chair:	Jeetain Mittal
Deokgeun Park	Mechanical Engineering
Dissertation:	"State-of-Charge Estimation for Mode-Switching Evaporative Thermal Energy Storage in Electrified Aircraft Motors"
Chair:	Bryan Rasmussen
Victor Hugo Ponce Valderrama	Materials Science and Engineering
Dissertation:	"Predictive Analysis of Corrosion Resistance in Automotive Coatings Using Artificial Neural Networks"
Chair:	Homero Castaneda-Lopez
Md. Saifur Rahman	Biomedical Engineering
Dissertation:	"Soft Materials for Adaptive Bioelectronic Interfaces Across Implantable and Wearable Platforms"
Chair:	Limei Tian
Madavan Raja Viswanath	Electrical Engineering
Dissertation:	"Approaches to B1 Mapping and Calibration for Multi-Nuclei MRI"
Chair:	Steven M. Wright

Azamat Rizuan	Chemical Engineering
Dissertation:	"Sequence and Structural Determinants of TDP-43 Functional and Neuropathological Assemblies: Insights from Multiscale Molecular Dynamics Simulations"
Chair:	Jeetain Mittal
Alexandria Rogers	Mechanical Engineering
Dissertation:	"The Effect of Superimposed Shear on Cavitation and Penetration of Soft Matter"
Chair:	Justin W. Wilkerson
Zubair Saeed	Computer Engineering
Dissertation:	"Automatic Prediction of Tumor and Organs-at-Risk in Radiotherapy Based on Medical Imaging Using Artificial Intelligence"
Chair:	Jim Ji
Co-Chair:	Othmane Bouhali
Shah Akib Sarwar	Mechanical Engineering
Dissertation:	"Numerical Investigation of Rocket Plume-Induced Lunar Ejecta Motion Under Particle-Particle Collision Effects"
Chair:	Zohaib Hasnain
Amir Sedaghatdoost	Biological and Agricultural Engineering
Dissertation:	"Impacts of Hydrological and Biogeochemical Interactions on the Soil Redox Dynamics in the Gulf Coastal Plains"
Chair:	Binayak Mohanty
Wonsuh Sung	Civil Engineering
Dissertation:	"Enhancing Shear Design for Prestressed Concrete Beams Through Reliability-Based Data-Driven Framework"
Chair:	Petros Sideris
Co-Chair:	Stephanie Paal
Kumar Puran Tripathy	Civil Engineering
Dissertation:	"Quantifying Droughts and Heatwaves Using Statistical and Deep Learning Techniques"
Chair:	Ashok K. Mishra
Abdullah Aman Tutul	Computer Engineering
Dissertation:	"Investigating Human-AI Collaboration in Data Analytics and Complex Learning Tasks"
Chair:	Theodora Chaspari
Jacob Bryant Vaughn	Aerospace Engineering
Dissertation:	"The Response of Shock Wave Driven Processes to Dynamically Varying Mach Number Hypersonic Flow"
Chair:	Rodney Bowersox
Co-Chair:	Ivett Leyva
Shantanu Vyas	Mechanical Engineering
Dissertation:	"Reflect, Express, Transform: Investigating Human-AI Conversations for Interactive Form Exploration"
Chair:	Vinayak R. Krishnamurthy

Clayton Bishop Walker	Biomedical Engineering
Dissertation:	"Development of Optical Coherence Tomography Tools and Algorithms for Advancement in Basic Science and Clinical Research in Otolaryngology"
Chair:	Brian Applegate
Co-Chair:	Vladislav V. Yakovlev
Yifan Wang	Biomedical Engineering
Dissertation:	"Advancing the Biomechanical Characterization of Coronary Artery Tissue for Plaque Rupture Risk Assessment"
Chair:	Lucas H. Timmins
Lance Leon Allen White	Interdisciplinary Engineering
Dissertation:	"Structures and Stories: How Institutional Identity Shapes Undergraduate Engineering Curricula"
Chair:	Karan Watson
Co-Chair:	Kristi J. Shryock
Anna Marie Wisniowiecki	Biomedical Engineering
Dissertation:	"Functional Imaging Methods for the Application of Optical Coherence Tomography in Otolaryngology"
Chair:	Brian Applegate
Co-Chair:	Gerard Cote
Shili Wu	Electrical Engineering
Dissertation:	"Trajectory Optimization on Data Harvesting Problem by Reinforcement Learning Techniques"
Chair:	Aniruddha Datta
Muzhen Yang	Water Management and Hydrological Science
Dissertation:	"From Historical Hydrological Changes to S2S Forecasting: Streamflow and Reservoir Response to Hydrometeorological Variability in Texas"
Chair:	Huilin Gao
Ray Yoo	Chemical Engineering
Dissertation:	"Raman Spectroscopy Characterization of Nitride MXenes"
Chair:	Abdoulaye Djire
Calvin Joseph Young	Mechanical Engineering
Dissertation:	"Interactions of Droplets and Gaseous Detonations"
Chair:	Jacob A. McFarland
Haiyang Yu	Computer Engineering
Dissertation:	"Geometric Deep Learning for Accelerating Electronic Structure Calculations"
Chair:	Shuiwang Ji
Co-Chair:	Xiaoning Qian
Cheng Zhang	Civil Engineering
Dissertation:	"Modeling and Evaluating Ridesharing Scenarios with Meeting Points"
Chair:	Luca Quadrioglio
Meiyi Zhang	Biological and Agricultural Engineering
Dissertation:	"The Effects of Environmental Factors on the Binding Behaviors and Transmission of Viruses in Hospitals and Meat Processing Plants"
Chair:	Maria King



Ziyi Zhang	Computer Engineering
Dissertation:	"Learning Cluster and Causal Structures from Heterogeneous Time Series Data"
Chair:	Nicholas G. Duffield
Haotian Zhao	Electrical Engineering
Dissertation:	"Machine-Learning and Artificial-Intelligence-Enabled Multi-Channel Architectures for Next-Generation Communication Systems"
Chair:	Sebastian Hoyos
Xiuzhu Zhu	Materials Science and Engineering
Dissertation:	"Metal Coordination Bonding in Telomerized Polymethylmethacrylate with Phosphate Chain-End"
Chair:	Hung-Jue Su

School of Law

Juris Doctor

Zachery A. Brown	Law
Do Hyun Lee	Law
Colton Scott Newman	Law
Ethan J. Rousso	Law

## *Candidates for Master's Degrees*

### *College of Architecture*

Presented by Dr. Lingqian "Ivy" Hu, Dean

*Department of Architecture*

*Master of Architecture*

*Architecture*

Shawna Lee Uhl

*Master of Science*

*Architecture*

Travis Halverson

*Department of Construction Science*

*Master of Science*

*Construction Management*

Abhishek Dadabhau Ahire  
Nethra Arunkumar  
Gayathri Atluri  
Mirza Yousuf Ahezam Baig  
Catalina Monserrat Barrera  
Jack Berry  
Brian Marshall Binford  
Daniel Brown  
Disha Chakraborty  
Nora Lizeth Colindres  
Ivannia Delgado  
Esteban Carlos Galvan  
Jaehwan Jung  
Faisal Javid Khan

Saeel Yogin Kulkarni  
Nishant Jatinkumar Lia  
Travis Bennett Long  
Tyler Jake Moses  
Chaitanya Veena Pakki  
Poojan Amitkumar Pasawala  
Dinesh Kumar Reddy Pyreddy  
Jared Clay Rhoads  
Jugal Dhimantkumar Shah  
Charlotte K. Shawver  
Ross Sterling Sherrod  
Brian Keith Stiles  
Lee Cole Thomas II  
Parvathi Viswanathan

*Department of Landscape Architecture and Urban Planning*

*Master of Land and Property Development*

*Land and Property Development*

Collin Bryston Adams  
Eric Arteaga  
Patrick Martin Bain  
Cramer G. Branscum  
Bryant P. Brown  
Alvin Jacob Carlile  
Alexis T. Cruel  
Daniel Dominguez Ogden

David Walker Ethridge  
Emma Ruth Graham  
Alexander Christian Guido  
Anthony Gutierrez  
Garrett C. Hill  
Veselin S. Kossev  
Jacob Stanley Lee  
Roberto Martinez

Grayson P. Miller  
 Uyen-Thi Hoang Nguyen  
 Audrey S. Nolan  
 Daniel Thomas Nowicki  
 Eric R. Paye  
 Mason T. Pullen

Lily A. Radigan  
 Jordan Alan Richardson  
 Carmen Luisa Rojas Calderas  
 Casey J. Thomas  
 Jody Whitlock  
 Faith A. Worley

*Master of Urban Planning*

*Urban and Regional Planning*

Nathaniel Robert Dyer

## *College of Arts and Sciences*

Presented by Dr. Adam R. Seipp, Associate Dean

*Department of Anthropology*

*Master of Science*

*Maritime Archaeology and Conservation*

Kristen Clanton Crouse

*Department of Atmospheric Sciences*

*Master of Science*

*Atmospheric Sciences*

Zhean Chen  
 Victoria Nicole Elliott Ford  
 Emmanuel Chidi Ibekwe

Jesse Rutt  
 Jeffrey Thomas Sachnik

*Department of Biology*

*Master of Science*

*Biology*

Lawal Oluwaseun Agboola  
 Lauren Doellinger

Madelyn Dotson  
 Brynn Elizabeth Johnson

*Department of Chemistry*

*Master of Science*

*Chemistry*

Joseph Kent Cantrell  
 Cali Marie Kucifer

Daniel Joseph Sarna  
 Houston Lloyd Smith

*Department of Economics*

*Master of Science*

*Economics*

Nameera Nazar Ali	◇ Simon Reginald Lo
◇ Matthew Thomas Baer	◇ Reagan A. Mathai
Yun Bai	Joshua J. Matthews
Kyoungwon Baik	Robert McDowell
◇ Cole T. Baker	◇ Natalie J. Mikosz
◇ Sophie Elizabeth Bednorz	◇ Zachary Robert Moser
Zixin Chen	Gabriella A. Moujaes
◇ Nikita Megan D'Souza	Nnamdi Stanley Okelue
Reece Connor Del Bello	Michael Christopher Pasquella
◇ Jason Christopher Ford	◇ Kanisha A. Patel
◇ Andrew Geevarghese	◇ Angela Christine Pickert
◇ Justin Ross Gomez	Farhana Jahan Promy
Xiaoyu Hou	◇ Bailey Belinda Reilly
Chui Man Carey Ip	◇ Camila Rocha
◇ Miranda Guadalupe	◇ Gerardo E. Rodriguez
Jimenez Figueroa	◇ Emma E. Rooney
Tyler Neil Johnston	Gabriel Eli Ruiz
◇ Calah Marie Kehtel	◇ Michael Earnest Shannon
Kathryn V. Krueger	◇ Mitra S. Srinivasan
Krista Mariellen Krueger	◇ Agustina Urcola
◇ Andrea Alejandra Linares	◇ Lainey Joy Wilson

*Department of Geography*

*Master of Geoscience*

*Geoscience*

Friday Etiese Etiese	Kendra Lynne Sosa
Robert Trammell Hughes	James Benjamin Strickland

*Master of Science*

*Geography*

Paige C. Butler

*Master of Water Management*

*Water Management and Hydrological Science*

Dan Zhang

*Department of Geology and Geophysics*

*Master of Science*

*Geology*

Bunga Fitri Sartika	Raya Tarannum
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◇ Double Degree

*Department of Mathematics*

*Master of Science*

*Data Science*

Jessica B. Rumsey

*Mathematics*

Adam A. Attoun	Jiyoung Park
Isaiah Nathaniel Galo	Sophia Tran Wang
Joshua Woodroffe Goyder	Xianzhi Wang
Michelle Goodman McMahon	Tiansu Zhang

*Department of Oceanography*

*Master of Ocean Science and Technology*

*Ocean Science and Technology*

♦ Cassidy Renee Towns

*Department of Physics and Astronomy*

*Master of Science*

*Astronomy*

Refa Mohammed Hamood	John David Dixon
Al Amri	

*Physics*

Bailey Maddison Pickard	Nolan Timothy Tenpas
Jacob Godwyn Santiago	Amirali Vanakifarhani

*Department of Psychological and Brain Sciences*

*Master of Science*

*Psychological Sciences*

Marshall F. Apopot	Sydney M. Landsverk
Sana Azam	Ye Eun Lee
Claudia R. Becker	Ashlynn Grace Lindgren
Catherine N. Byars	Adonai Martinez
Dulce Maria Cecenas Salas	Katherine Elizabeth Munson
Ivan E. Cervantes Ochoa	Dena M. Nashawati
Po Yen Chang	Holly Nguyen
Madison Elizabeth Debenport	Samantha M. Ogoh
Justin J. Doty	Beom Gyu Park
Rayli Jeannine Eilers	Younma Ismail Sabbah
Omajuwa Nathan Etiwe	Alora N. Shafer
Camille Fiasco	Madisyn Elisan Syzdek
John W. Keene	Daniela Villegas Ospina
Garam Kim	



*Department of Sociology*

*Master of Science*

*Sociology*

Cynthia Luz Cisneros Franco  
Anna Estelle Kelley

Oralia M. Zamarripa

*Department of Statistics*

*Master of Science*

*Data Science*

Yuzhu Chen  
Hayley Hawkins  
Jeffrey Kevin Joseph  
Phuc An Vinh Nguyen

Ayaan Omair  
Gauri Anil Pawar  
Lauren Fuller Wilcox  
Kaiqi Zhao

*Statistical Data Science*

Matthew Hunter Anderson  
Jillian L. Brooks  
Jack Gavin Cunningham  
Mason Todd Flannery  
Bradley Hymas  
◇ Drew M. Kearny

Jace Christian Nelson  
Lauren Ashleigh Pierce  
Michael Andrew Potter  
Matthew Christopher Russell  
Luke T. Stafford

*College of Engineering*

Presented by Dr. Arul Jayaraman, Executive Associate Dean

*Master of Science*

*Energy*

Charles Aleman  
Bidemi Ayinde  
Lucas Alexander Deshon  
Alejandra Franco  
Nicholas John Gerga

Belen Hernandez  
Ariel Evette Kinsey  
Kiera Adelle Meloche  
Laura Marie Zotter

*Department of Aerospace Engineering*

*Master of Engineering*

*Aerospace Engineering*

Thomas Ahrens  
Osvaldo Misael Cortes  
James T. Dean  
Aiden Devlin  
Nicholas Diorio  
Kai Chandler Elmore

Henry Hoai Hoang  
Devin Kumar Jain  
Jackson Parker Kassing  
Justin Matthew Liggett  
Garrett Scott Moore  
Mark McStravick Morrison

◇ Double Degree

Lucas J. Muller  
Adam Musa  
Noah Logan Pearse  
Nathan Glenn Phillips  
Nathaniel Adam Saad

Isaak Ray Sanchez  
Cole Christopher Sanders  
Pierfrancesco Stocchi  
Gerardo Antonio  
Urdaneta Rincon

*Master of Science*

*Aerospace Engineering*

Tate A. Crawford  
Nestor Hernandez  
Eliot A. Nychka

Jacob C. Thollander  
Haru Uchimura Tidmore  
Jenith Vijayakumar

*Department of Biological and Agricultural Engineering*

*Master of Science*

*Biological and Agricultural Engineering*

Ayushi Pandey  
Pearl Pinto

Richard A. Stokley

*Department of Biomedical Engineering*

*Master of Engineering*

*Biomedical Engineering*

Alyssa Anne Chrietzberg  
Sidney K. Fitzpatrick  
Kain T. Gala  
Nicholas Russell Herlambang  
Briley James  
Rubal Kalra  
Kristen Nicole Kordie  
Kevin Aji Kuriakose  
Michael Freeman McAuley III

Kiana Marie Mode  
Besmir Mucogllava  
Gabriel M. Pappademos  
Jonah William Peterson  
Melissa Rivas  
Elizabeth Tenorio  
Kaitlyn Aloysia White  
Agustina Wiezell Valdovinos  
Kayla Dianne Willis

*Master of Science*

*Biomedical Engineering*

Dylan Lee Garibaldi

*Department of Chemical Engineering*

*Master of Biotechnology*

*Biotechnology*

Rana Amanpour  
Melanie B. Barbee

Gunnar Charles Gfeller  
Pallavi Pradeep

*Master of Engineering*

*Chemical Engineering*

Jose Dunney Brana  
Jaineel Dipakkumar Modi

Orlando Villalpando  
Tengyang Wu

*Master of Science*

*Chemical Engineering*

Siddharth Jayaraman  
Saroj Raj Kafle  
Dharani Sathwik Ram  
Panchagnula

Benjamin H. Poe  
Tasya Ulfa Yusianda

*Safety Engineering*

Raja Ravindra Guttula  
Mohammad Elias Kattubadi

Manoj Pallela

*Department of Civil and Environmental Engineering*

*Master of Engineering*

*Civil Engineering*

Ahmed Hussain A Alalhareth  
Abigail M. Barone  
Holt Alan Chambers  
Hao Ding

Sofia Cristina Garza  
Stephanie Dawn Lowry  
Sidney R. Seagraves  
Yuyang Zhang

*Master of Science*

*Civil Engineering*

Priyanka Sunil Bhaskar  
Gustavo Boquete  
Shawnee Andrea Chavez  
Fahad Chowdhury  
Daniel W. Curran  
Linh My Duong  
Alvaro Escobar Guevara  
Megan G. Frerich  
Ethan J. Gambrel  
Saranya Gunasekar  
Eiquan Ul Haq  
Adityasinh Pruthvirajsinh Jadeja  
Younes Janouh  
Connor Reid Kammlah  
Aashish Lamichhane  
Nathan Douglas Lamulle  
Julie Le  
Gustav Murphy Leander  
Kaelan Shawn Adair Lindauer

Caleb M. Lira  
Nikhil Sai Ram Reddy  
Manchireddy  
Mary Elizabeth McFarlane  
Saad Hazim Mohammad  
Janith Nandakumar  
Anushi Narula  
Deepak Palawat  
Deep Ketanbhai Parikh  
Vishv Narendrabhai Patel  
Alexandra Pueyo Gasdik  
Gowri Bannihatti Rudramuni  
Eduardo Guadalupe  
Sanchez Jimenez  
Kedar Dattatray Sohani  
Sakshi Mahesh Thambkar  
Rohan Ravikiran Vaidya  
Isaac Teal Warring

*Department of Computer Science and Engineering*

*Master of Computer Science*

*Computer Science*

Rahul Baid	Zhiheng Li
Vamshi Krishna Battala	Terencio Martinez
Davis Shane Beilue	Austin Cooper McCormick
Estella Sharon Chen	Shubham Vikas Mhaske
Sicheng Chen	Christopher Victor Muniz
Zhitong Chen	Vivek Narukurthi
Kuan Ruei Chiang	Khush Devendra Patel
Rohan Dhawan	Rutvik Patel
Amory A. Doerr	Medha Kaushika Podipireddi
Jacob William Enerio	Biswas Poudel
Anmin Fang	Jaydeep Mathurbhai Radadiya
Riddhi Prakash Ghat	Sean H. Sayce
Ryan Matthew Gonzalez	Shrinivas Vasant Shanbhag
Rishik Gupta	Kexuan Shen
Sarvesh Gurumurthy Sainathan	Gourangi Sanjay Taware
Mackenzie Skye Hamlett	Steve Wang
Tien-Hung Hsiao	Chen-Hung Wu
Neeraj Julian Joseph Rajkumar	Tong Wu
Vignesh Thiagarajan Kashyap	Aaron C. Xu
Priyal Khapra	Anji Xu
Zachary Roge Buensalida Laguna	Tianyi Xu
Spencer Tran Le	Cameron Joseph Yoffe
Caleb Lee	Xiuyuan Yu
Yi-Ting Lee	

*Master of Engineering*

*Computer Engineering*

Hsueh-Chien Chao	Nathan Daniel Skouby
Nina Lu	William T. Tatum
Ariela Mitrani	Ralph A. Vicente

*Master of Science*

*Computer Science*

Anwesha Basu	Junsuk Kim
Bryson Allen Brown	Nathan McClaran
Yeon Chae	Cesar Andres Salazar Pereira
Saikrishna Chandhrasekhar	Max A. Smith
Stephen T. Johnson	Jonathan C. Tong

*Data Science*

Ankita Girish Aswathanarayana	Dhruvraj Singh Rathore
Ninad Vighnahari Deo	Neil Roy
Asmita Shivling Desai	Sukanya Sahoo
Hwiyeon Kim	Abhishek Kumar Singh
Adarsh Kumar	Joshua Immanuel Vemana
Prajnadipta Kundu	Muzi Zhou
Dheeraj Reddy Mudireddy	

*Department of Electrical and Computer Engineering*

*Master of Science*

*Computer Engineering*

Atharva Girish Agashe	Lyndon Li
Abhishek Agrawal	Reshma Sri Sai Mangipudi
Gavin Marion Bardwell	Nicholas S. Martin
Anirudh S. Bharadwaj	Ruben Christian Mendoza
Ekansh Bhatnagar	Nhan Dang Nguyen
Sana Saleem Chaudhary	James R. Nieberding
Avinash Chinta	Sreedhar Reddy Pacharla
Gabriel De Conto	Hrishikesh Sanjay Panwal
Kyler W. Holley	Neha Poovathumkadavil Sajan
Neha Reddy Kaluvala	Karthikeyan Renga Rajan
Omar Mohamed Ayman	Jarin Tasnim Ritu
Aboulmaaty Khater	Anirudh Raju Singa
Keshav Kishore	Yuktha Togaru
Ashwin Kundeti	Hao Zhu

*Data Science*

Subhiksha Saravanasundaram	Ruchika Hiren Shukla
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*Electrical Engineering*

Surya Vamsi Akella	Merritt J. Montgomery
Ajwad M. Ali	Joseph Kassiem Nasser
Monalisa Chakraborty	Ferris H. Nguyen
Yu-Hao Chen	William Heath Noxon, Jr.
Jinyu Dai	Pavan Venkata Adi Sampath
Muhammed Ulascan Ersoy	Kumar Puppala
Joshua James Feldman	Shahir Ul Hassan Qureshi
Anurag Gade	Filip Rados
Peter M. Just	Luis Antonio Selis Vasquez
Yun-Chen Lee	Joshua Daniel Solomon
Yi Ting Liao	Nicolas D. Tran
Fang Chen Lin	Kunpeng Wang
Adriana Gabrielle	Tzu-Ching Wu
Matos-Almodovar	Xiaohan Xi
Nishant Maurya	

*Department of Engineering Technology and Industrial Distribution*

*Master of Engineering Technical Management*

*Technical Management*

Laurin M. Beckhusen	Andrew Michael Dubose
Gregg Clark Borders	Brittney Nicole Dugas
Karen Borovina	Courtney Renee Dunn
Courtney Bell Butts	Michael E. Eibling
Robert Joseph Chilton	Christopher Gibson
Alex Henry Cogburn	Shaun P. Goodfellow
Lintondria Rochelle Dennis	Matthew Thomas Hinde
Frank William Dresty	Nicholas Hobson

Tobias Joseph Hogan  
 Bruce Adam Jones  
 Anthony Charles Koppi  
 April Dawn Longhair  
 Pamela Annette Luckenbill  
 Albert Allen Marquez, Jr.  
 Benjamin Patrick McHugh  
 Victor Perez-Rubio  
 Colby Pesch

David Reass  
 Sean P. Reed  
 Albert Sandoval Ruelas  
 Joshua Sartin  
 David Glenn Swindall  
 Jarod Anthony Vanna  
 Christopher Whitworth  
 Keith Wood

*Master of Science*

*Engineering Technology*

Haseeb Sharif Bajwa  
 Brandon Y. Baltazar  
 George Blake Harmon  
 Bryce C. Hinze  
 Dawson P. Repogle

Milad Shoaie  
 Adam David Thompson  
 Michael James Townsend  
 Rishabh Yadav  
 Zhendi Zhang

*Department of Industrial and Systems Engineering*

*Master of Engineering*

*Industrial Engineering*

Monica Hernandez

Amanda Kay Schlueter

*Master of Science*

*Engineering Management*

Randy Shyo Bond  
 Omkar Hemant Edlabadkar  
 Autumn Marie Forssell  
 Shubam Innani

Larissa Kay James  
 Sarah Fairouz Nawar  
 Franco Naz

*Industrial Engineering*

Mona Amani  
 Tyson B. Cox  
 Mohammadmahdi Ghasemloo  
 Rohith Iruganti  
 Nathan Santo Marassa  
 Roshan Joe Mathew

Noor Suleiman Mahmoud  
 Obeidat  
 Ashutosh Vijaysing Rajput  
 Aditya Sandeep Sangave  
 Adarsh Shankar  
 Haopeng Tian

*Department of Materials Science and Engineering*

*Master of Science*

*Materials Science and Engineering*

Peter Toluwani Amos  
 Joshua A. Camacho  
 Alejandro Castro Gonzalez  
 Nicolas Grijalva Flores

Celine Lee  
 Sarah R. McQuaid  
 Emilio Morales-Cortazar  
 Kymmia Petty

*Department of Mechanical Engineering*

*Master of Engineering*

*Mechanical Engineering*

Jose Pantaleon Barajas-Rivera	Brandon Scott Lowell
Mandalyn Grace Castleberry	Joseph W. Mahmoud
Sarah Nasir Chaudhry	Salvador Antonio Morales
Trevor Lane Dutt	Ayush D. Patel
Jakob Riley Espinosa	Christian Ramos
Alberto Hernandez Gamez	

*Master of Science*

*Mechanical Engineering*

Mukul Vijay Achawal	Abdul Khuddus Mohammad
Adharsh Adepalli	Soumya Subhrajita Mohanty
Stephan Agee	Syed Anas Nisar
Atiqul Islam Ahad	James C. Puckett
Mohammed Junaid Ahmed	Andre Sei Qano
Abdulaziz Hassan M Alfaifi	Diego R. Ramos
Omer Abdulaziz M Alshammery	Blake Gregory Seib
Jacquelin Chen	Sai Sree Chandra Sirani
Audrey Elizabeth Gold	Kaylee Mae Smith
Luke R. Hilton	Krystian Leszek Stoklosa
Rayan N. Hittiny	Sidhdharth Sundar
Troy Joseph Hrehor	Tanner Grayson Swindell
Zebulin Maximino-Darryl Jones	Namrata Chandravadan Thakkar
Kirula Randesh	Rex R. Yusri
Kahanavitage Don	Arian Zarriz
Prasana Kannan	Jiahui Zheng
Lucas R. Maldonado Comas	

*Department of Multidisciplinary Engineering*

*Master of Engineering*

*Engineering*

Macy Asantewaa Acheampong	Ty Cobin McClean
Shang-Chin Hu	Trushil Alpeshkumar Patel
Obioma Chidoziri Iroabueke	◇ Gabrielle Alyse Rogie
Hassan Khan	Owen Edwin Patrick Sortwell
Shaan Kulasingham	Cameron Melih Tanju

*Master of Science*

*Interdisciplinary Engineering*

Ryan Douglas Warren Bowersox

*Department of Nuclear Engineering*

*Master of Engineering*

*Nuclear Engineering*

Alex Barton Brown

D'Mitri Isaiah Scott

*Master of Science*

*Nuclear Engineering*

Isabella Marie Allred Alcorn  
Alberto Hernandez Luna

Austen Zane Ocanas

*Department of Ocean Engineering*

*Master of Science*

*Ocean Engineering*

Magno Almeida Da Silva  
Noah W. Billiter  
Ozant Ozumert Bulguoglu  
Darek C. Ditto  
Ritwik Kottarath

Thomas Matthew Perea  
Brian Joseph Rudie, Jr.  
Riley Stone Sebby  
Rielle Aaron Williams

*Department of Petroleum Engineering*

*Master of Engineering*

*Petroleum Engineering*

Amber Nicole Calhoun

*Master of Science*

*Petroleum Engineering*

Pipit Irfani Amorokhman  
Daichi Oshikata

Eduard Tokach

*School of Law*

Presented by Mr. Robert B. Ahdieh, Dean

*Master of Laws*

*Laws*

Jeanna Lanza Abbott  
Patricia Andrea  
Ojaswi Budhathoki  
Alana R. Byrd  
Spriha Dahal

Peter Gettings Dawson  
Precious Fagunloye  
Rosendo Samuel Fregoso Macias  
Bharosha Ghimire  
Christopher Green

Cihan Kirca  
 Purabi Kunwar  
 Emmanuella Faah Kyeremeh  
 Monica Louise Lester  
 Monika Marrs  
 Tochi Anthony Obayi  
 Oluwafunmilola Inumidun  
 Okusanya  
 Adedamola Damilare Oni  
 William Osew Opare  
 Michelle Nyaboke Osamo  
 Jia Liu Passucci  
 Brian Edward Pellis

Michael Todd Pfeffer  
 Hashini Bhagya Rathnayaka  
 Rathnayaka Ralalage  
 Ivonne Marie Santell-Velazquez  
 Pranshu Sharma  
 Pratima Shrestha  
 Andrew Shawn Sorrow  
 Toshit Srivastava  
 Ronika Thapa  
 Sarkis Toneryan  
 Sandhya Wagle  
 Samuel Charles Webb  
 Douglas Allen Wright

*Master of Legal Studies*

*Intellectual Property*

Michael Duane Vest

*Legal Studies*

Rubicela Acosta  
 Monica J. Adams  
 Deola Naomi Adetunji  
 Kehinde P. Akinsuroju  
 Nicholas A. Albainy  
 Crystal Paige Albury  
 John Randall Alexander  
 Rebecca Allen  
 Maria Lynn Anderson  
 Travis Lee Anderson  
 Lindsey Ann Andress  
 Donal Eugene Antill  
 Cecilie Arocha  
 Sukriti Arora  
 Briana L. Banks  
 Tyshenna Shana Barnes  
 Ash Baumli  
 LaWanda Bell  
 Haley Rose Berget  
 Thathiana Catherina Bermudez  
 Katherine Joanne Bolinger  
 Brittany Leigh Broege  
 Jayla A. Broomfield  
 Tina Callecod  
 Elisa Cardenas  
 Dean Patrick Cardi  
 Julio Casablanca  
 Aaron Jess Castloo  
 Kirby R. Chatterley  
 Clinton Ross Clark  
 Ashlee LeeAnn Cole  
 Adrianna Nicole Collins  
 Danika Covlin Veldkamp  
 Kimberly F. Craig

Sterling J. Crockett  
 Parnell Joshua Cross  
 Ariana Carraine Crumpe  
 Eric Jason Dahl  
 Dachedra Q. Daniels  
 Blake Anthony Danner  
 Kenya De Leon  
 David Jason Diaz  
 Kristin Haynes Dixon  
 Michael Eugene Dreelan  
 Devin McKenzie Durham  
 James Robert Elliott  
 Justin Wayne Fitzharris  
 Korrine Le Fleming  
 Emily Morgan Fontenot  
 Jason Ford  
 Stephen Riley Ford  
 Krystal Kaye Frank  
 Carolyn Renae Fritz  
 Eileen M. Garza-Avlonitis  
 Erin Elizabeth Gillis  
 Bradley M. Glenn  
 Mark Richard Godfrey  
 Erica Lynn Gonzalez  
 Monica L. Gonzalez  
 Sean Peter Gray  
 Alex Ray Guzman  
 Joan Michele Hamilton  
 Christian Lance Hampton  
 Kaitlyn B. Harris  
 Russell Austin Henderson  
 Hollie Nicole Henry  
 Michael Edward Hester  
 Amzy Earnest Hibler

Patrick Charles Hinson-Willis	Kyndal Mariana Pointer
Raven L. Horn	Heather Renee Quisenberry
Haydee Antonieta Jara Quinones	David Russell Reed
Jacob Jasperson	Jasmine Alexis Reid-Harris
Estha Achu John	Deena Marie Reimer
Brenda A. Johnson	Corina Sweet Keymer
John S. Johnson	Adrian Rodriguez
Savannah-Marie Chantal Johnson	Jessica Lynn Sager
Cashmiere Jones	Christi Salazar
Gary Alan Jones	Brandy Rosanna Salinas
Jeanna Marie Jones	Trinity Faith San Juan
Perasonne Denise Jones	Tracy San Martin
Shawn Alain Jones	Breanna Lanae Sanders
Sidi Kante	Sabrina Jo Santellanes
Kane J. Kelly	Susan M. Sayer
Shawn Nak Kyung Kim	Mary Grace Schick
Nancy Alas Knight	Connor Alan Sears
Ellette Marie Kuehn	Addisyn Grace Sharkey
Trace Gregory Labus	Mahati M. Shastry
Sylvia Liggins	Terleia M. Shields
Heather Pauline Lloyd-Zanek	Charles L. Simmons
Arturo Locke	Andrea Theresa Sims
Amanda Brooke Lopez	Shanate Marie Singleton
Maribel Lujan	Kelsa M. Smith
Drew Hunter Mahnke	Judith N. Steven
Benjamin Marke	Iuliia Sumarokova
Kenton R. Martin	Natalie Taylor
Jessica Nichole Means	Angelique Gabrielle Terzis
Alexia Mejia	Jeremy Dale Tinker
Carolyn P. Mertz	Lilla K. Tischler
Tania Sultana Miah	Linda Tran
Boyd Thomas Miller	Robert Trujillo
Adrian Miranda	Andrew C. Tryon
Alan Patrick Mitchell	Lance Bradley Vasquez
Aliza M. Monroe	Blake Justin Vaughn
Kenneth Dale Moore	Amy Angela Villatoro
Karla F. Morales	Chelsea Kay Wallace
Craig Moreau	Abigail Nicole Wasko
Jason Charles Munk	Katie Magar Weber
Jessica C. Murphy	Leilani Aline White
Mia Noel Navarro	Cordarrel M. Williams
Heather Michelle Neeley	Bradley Ray Wilson
Carolina Nino	Kristin Nicole Wilson
Sandra Eyong Ntaribo Tataw	Dwain Carl Wooley II
Jessica Louise Padgett	Oluwaseni Chukwudumebi
Debra Deanna Parsons	Yusuf
Monica Perry	Olga J. Zogaib
Nancy M. Piloto	

### *Honors Fellows*

Students graduating with Honors Fellows must have completed at least 30 hours of Honors course credit, including 9 hours in the University Core Curriculum and 12 hours in 300-400 level courses. Additionally, all Honors Fellows have completed a capstone project. Honors Fellows are required to remain active with the Honors Student Council and make an annual update to their ePortfolios. Students must maintain at least a 3.5 cumulative Grade Point Average with at least a 3.25 Grade Point Average in Honors coursework.

Whitney H. Hammonds ..... BBA Accounting

### *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.

Jason Christopher Ford . . . . . BS Economics

## *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.

**Naresh K. Vashisht 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>.*