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

Saturday, August 10, 2024, 2 p.m.
Master’s and Doctoral Commencement and Doctoral Hooding
Graduate and Professional Degrees

College of Agriculture and Life Sciences
School of Architecture
College of Arts and Sciences
Bush School of Government and Public Service
Mays Business School
School of Dentistry
School of Education and Human Development
College of Engineering
School of Law
School of Medicine
School of Nursing
School of Performance, Visualization and Fine Arts
School of Public Health
School of Veterinary Medicine and Biomedical Sciences
TEXAS A&M UNIVERSITY
COMMENCEMENT

Program

Processional

The National Anthem

Invocation

Greetings and Opening Remarks

Remarks to Graduates

Student Expression of Appreciation

Presentation of Degree Candidates and Conferring of Degrees

Roll Call of Graduates

Induction into The Association of Former Students

“The Spirit of Aggieland”

Recessional
Faculty Marshals

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

Stage Party
Dr. Julie F. Harlin, Associate Dean for Graduate and Professional School
Dr. Shannon Walton, Assistant Dean for Graduate and Professional School
Mr. Mark C. Gleason, Graduate Student Specialist for Graduate and Professional School
Ms. Venesa A. Heidick, Assistant Vice President and Registrar

Announcers
Mr. Mike Fitch, Admissions Counselor, Office of Admissions
Judge Rick Hill, Brazos County Justice of the Peace, Precinct 3

The Texas A&M University System
Board of Regents

Mr. Bill Mahomes, Jr., Chairman ....................... Dallas
Mr. Robert L. Albritton, Vice Chairman ................... Fort Worth
Mr. David C. Baggett ..................................... Houston
Mr. John W. Bellinger .......................... San Antonio
Mr. James R. “Randy” Brooks .................. San Angelo
Mr. Jay C. Graham .......................... Houston
Mr. Michael A. “Mike” Hernandez III .............. Fort Worth
Mr. Michael J. Plank ..................................... Houston
Mr. R. Sam Torn ........................................ Houston
Mr. Cage M. Sawyers (Student Regent) ............ Texoma

Chancellor

Mr. John Sharp ........................................ Placedo
Texas A&M University Administrative Officers

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

Presented by Dr. Fuhui Tong
Associate Provost and Dean

Graduate and Professional School

College of Agriculture and Life Sciences

Doctor of Education

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

Doctor of Philosophy

Amelia G. Ahles ............................................ Agricultural Economics
Chair: Marco Palma

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

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

Daniel De Leon. ................................. Poultry Science
Chair: Audrey P. McElroy

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

Weiqian Gao ........................................ Ecology and Conservation Biology
Dissertation: “Spatiotemporal Patterns of Fire-livestock Grazing Interactions under Pyric Herbivory Regime in Mesquite-oak Savanna”
Chair: Jay P. Angerer
Co-Chair: Xinyuan Wu
Haramrit Kaur Gill ........................................ Horticulture
Chair: Oscar Riera Lizarazu

Mallori Paige Girard ................. Recreation, Park and Tourism Sciences
Dissertation: “Safe to Play: Understanding the Impact of Social Injustices on Transgender Youth Sport Participation”
Chair: Andrea Ettetal

Xavier Armando Jaime Davila .......... Ecology and Conservation Biology
Dissertation: “Spatial Patterns and Interactions of Prescribed Fire and Plant Communities in Heterogeneous Landscapes in the Edwards Plateau”
Chair: Xinyuan Wu
Co-Chair: Jay P. Angerer

Sangun Jeong ........................................ Horticulture
Dissertation: “Interactive Effects Between Light Spectra and Temperature on Plant Growth, Morphology, and Physiology in Vegetable and Ornamental Crops”
Chair: Genhua Niu
Co-Chair: Shuyang Zhen

Ruixin Jia ............................................ Agricultural Economics
Chair: Marco Palma

Alaumy Balkrishna Joshi ............. Biochemistry and Molecular Biophysics
Dissertation: “Cardiolipin Requirement for Mitochondrial Magnesium Channel and Its Implications for Barth Syndrome”
Chair: Hays S. Rye

Aiden E. Juge ..................................... Animal Science
Dissertation: “An Investigation of Canines’ Ability to Detect Bovine Respiratory Disease”
Chair: Courtney L. Daigle

Jaclyn Nicole Ketchum ....................... Physiology of Reproduction
Dissertation: “The Impact of Sperm Borne Epigenetic Marks on Bull Fertility and Early Embryo Development”
Chair: George A. Perry

Seunghoon Lee ......................... Hospitality, Hotel Management and Tourism
Dissertation: “Relationalities in Tourism and Heritage Conservation: Cultural Survival of the Jeju Haenyeo, South Korea”
Chair: Brian King
Co-Chair: Tazim B. Jamal

Noah Benjamin Lemke ..................... Entomology
Dissertation: “Spatiotemporal Dynamics Modulate Reproductive Behavior in the Black Soldier Fly, Hermetia illucens (L. 1758) (Diptera: Stratiomyidae)”
Chair: Jeffery Tomberlin
Allison C. Milby-Blackledge ..........................  Poultry Science
Dissertation: “Modulation of Avian Immunity and Reduction of Salmonella Cecal Colonization with Antibiotic Alternatives and Vaccines”
Chair: Morgan B. Farnell

Ashrafou Ouro-Djobo .................................  Plant Pathology
Dissertation: “Molecular Epidemiology and Genetic Diversity of Selected Viruses Infecting Some Major Crops in Texas”
Chair: Olufemi Alabi

Kyle Alexander Parker ..............................  Plant Breeding
Dissertation: “Exploration of Predictive Modeling and Public Genetic Resources to Understand the Genetic Control of Yield and Quality Traits in Southern Great Plains Winter Wheat and Synthetic Derived Wheat Germplasm”
Chair: Amir Ibrahim
Co-Chair: Shuyu Liu

Emily M. Russavage .................................  Entomology
Dissertation: “Indirect Plant Defense Against an Aphid Pest of Sorghum”
Chair: Micky Eubanks

Nicole Anne Scavo .................................  Ecology and Evolutionary Biology
Dissertation: “Social-ecological Factors and Blood Feeding Patterns Influence Aedes aegypti Control and Disease Transmission”
Chair: Gabriel L. Hamer

Gabrielle Elaine Scott ..............................  Food Science and Technology
Dissertation: “Protein-starch Interactions in Sorghum Endosperm with Mutant Protein Body Trait”
Chair: Joseph M. Awika

Cyprian Omondi Syeunda ..........................  Food Science and Technology
Chair: Joseph M. Awika

Justin Michael Taillon .............................  Recreation, Park and Tourism Sciences
Chair: James Petrick

Brian Andrew Toney ...............................  Agricultural Economics
Chair: Marco Palma

Yuhang Wang ..........................  Biochemistry and Molecular Biophysics
Dissertation: “Structural Mechanisms of Tad Pilus Assembly and Its Interaction With an RNA Virus Prompt Potential Applications”
Chair: Lanying Zeng
Ruiren Zhou ........................................ Water Management and Hydrological Science
Dissertation: “Novel Ag-containing Photocatalysts and Their Performance Regulation and Applications to Hazard Organic Degradation”
Chair: Zong Liu
Co-Chair: Virender K. Sharma

School of Architecture

Doctor of Philosophy

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

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

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

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

Karrar Ihsan Osi ........................................ Architecture
Chair: Aubrey R. Pentecost

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

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

Chandler Ian Wilkins ........................................ Urban and Regional Science
Dissertation: “‘Show Me You Care’: Houston Public Housing Residents’ Unmet Needs Throughout Recent Disasters”
Chair: Shannon S. Van Zandt
College of Arts and Sciences

Doctor of Philosophy

Austin David Abbott ...................................................Chemistry
Dissertation: “Using DAPPER to Extract the Photon Strength Function of 58Fe via the Inverse Oslo and Shape Methods”
Chair: Sherry Yennello

Devri Agustianto .......................................................Geology
Dissertation: “Reservoir Characterization Using Seismic Pore Structure Parameter and Seismic Spectral Decomposition by Modified S-transform”
Chair: Yuefeng Sun

Kristen Alanis .............................................................Chemistry
Dissertation: “Scanning Ion Conductance Microscopy Studies of Confinement Effects”
Chair: Lane A. Baker

Sasha Elena Alden ........................................................Chemistry
Dissertation: “Serial Electroanalysis at Microelectrode Arrays”
Chair: Lane A. Baker

Eshtar Hussain Nasser Aluauee .....................................Physics
Dissertation: “Cavity Ring-down Spectroscopy with DFB Diode Lasers near 1.6 Micron for Breath Analysis”
Chair: Hans Schuessler
Co-Chair: Mahmood Amani

Kyung Lin Bae ............................................................English
Dissertation: “The Rebellious Ga(s)p: Poetics of Fragmentation in Contemporary Diasporic Women’s Poetry”
Chair: Marian Eide

Shreedhar Bhat ..........................................................Mathematics
Dissertation: “p-Bergman Theory”
Chair: Harold Boas

Lauren Renee Blankenship ...........................................Chemistry
Chair: Wenshe Liu

Laura Beth Booton ....................................................Mathematics
Dissertation: “Convergence of Moments of Twisted COE Matrices”
Chair: Gregory Berkolaiko

Gayle Zvia Dilmowais Bornovski ..................................Chemistry
Dissertation: “Fundamental Electrochemical Investigations: From Modification of Secondary Coordination Sphere Effects in Electrocatalysis to Analysis of Reactive Species”
Chair: Michael Nippe
Nicholas Bradley ................................. Communication
Chair: Nathan A. Crick

Benjamin Lee Brewster ......................... History
Chair: Jason Parker

Ciaran Clark Buckley ............................. Mathematics
Dissertation:  “Convexity Theory and the Baire Space of Pseudoconvex Domains”
Chair: Harold Boas

Abhisek Chakraborty ............................. Statistics
Dissertation:  “Probabilistic Methods in Trustworthy Machine Learning and Scientific Applications”
Chair: Anirban Bhattacharya
Co-Chair: Debdeep Pati

Anirban Chakraborty ............................. Statistics
Dissertation:  “Scalable Statistical Methods for Large Spatial and Spatio-temporal Data”
Chair: Matthias S. Katzfuss
Co-Chair: Huiyan Sang

Jed A. Chalupa ................................. Communication
Chair: Anna W. Wolfe

Chia-Yu Chang ................................. Mathematics
Dissertation:  “Border Subrank of Tensors”
Chair: Joseph Landsberg

Hyunwoong Chang ............................... Statistics
Dissertation:  “Convergence Analysis of Markov Chain Monte Carlo Methods for Model Selection Problems”
Chair: Quan Zhou
Co-Chair: Suojin Wang

Janet Cho ........................................ English
Chair: Shawna Ross

Sara Chung ....................................... English
Dissertation:  “Encountering Gothic Humanism in Victorian Novels”
Chair: Mary A. O’Farrell

Adelis Marie Cruz ............................... Psychology
Dissertation:  “Exploring Striatal Circuits Underlying Behavioral Flexibility During Punishment of Cocaine Seeking”
Chair: Rachel Smith
Agniva Dasgupta ................................. Mathematics
Dissertation: “Short Second Moment of L-functions”
Chair: Matthew Young

Daundasekara Mudiyanselage Kasuni
Chathurangika Daundasekara ...................................... Biology
Chair: Alan Pepper

Jianing Dong ........................................ Statistics
Chair: Raymond Ka Wai Wong

Solangia Engler ......................................... Clinical Psychology
Dissertation: “Associations Among Iron Deficiency, Meat Consumption, and Poor Mental Health Among Adolescents: An NHANES-based Cross Sectional Study”
Chair: Sherecce Fields

Allison Hall Faber ...................................... History
Dissertation: “The Ties That Bind: Illegitimacy, Maternity Homes, and Adoption in Twentieth-century Texas”
Chair: Carlos Blanton

Paola Fascinetto Zago ............................ Ecology and Evolutionary Biology
Dissertation: “Personality Drive and Evolutionary Outcomes in Xiphophorus Fishes”
Chair: Gil Rosenthal
Co-Chair: Alan Pepper

Matthew Hunter Faust .............................. Mathematics
Dissertation: “Combinatorial Algebraic Geometry and Discrete Periodic Operators”
Chair: Frank Sottile
Co-Chair: Wencai Liu

Karina Febre ........................................ Clinical Psychology
Dissertation: “The Impact of Language Brokering on Emotional Reactivity at Conscious and Unconscious Levels of Processing”
Chair: Jyotsna Vaid

Zhaobidan Feng ................................. Mathematics
Dissertation: “Reconstructing Braided Subcategories”
Chair: Eric Rowell
Co-Chair: Andreas Klappenecker

Ty Michael Gadberry .................................... Psychology
Dissertation: “Early-life Stress Influences Memory Systems Function in Adulthood: Insights from Rodent and Human Studies”
Chair: Mark Packard
Avick Kumar Ghosh ................................. Chemistry
Dissertation: “Stereochemical Studies on Dibenzothiophene Catabolism Pathway and Identification of the First Biotin Catabolic Operon and In-vitro Reconstitution of the Pathway”
Chair: Tadhg Begley

Alan Hays Grant ................................. Communication
Chair: Kristan A. Poirot

Maria Antonieta Gutierrez Azuaje ............... Geology
Dissertation: “Chemostratigraphic Analyses of Late Pennsylvanian to Early Permian Mudstone Dominated Strata in Outcrops From the Southern Delaware Basin (Glass Mountains) and a Core From Eastern Delaware Basin”
Chair: Mike Pope
Co-Chair: Art Donovan

Sohan Hazra ........................................ Chemistry
Dissertation: “Mechanistic Studies on Cysteine Salvage Pathway and Reconstitution of the Tailoring Enzymes in Menaquinone Biosynthesis via Futalosine”
Chair: Tadhg Begley

Xuehan Hu ......................................... Mathematics
Dissertation: “Anti-concentration of Random Tensors”
Chair: Grigorios Paouris

Junjie Huang ....................................... Chemistry
Dissertation: “Magnetic Molecular Materials Based on Transition and Lanthanide Metal Ions With Non-innocent Bridging Ligands and Metal Organic Frameworks”
Chair: Kim Dunbar

Jenna M. Hulke ..................................... Biology
Dissertation: “The Evolutionary Interplay Between Parasite Mating Systems and Their Complex Life Cycles”
Chair: Charles Criscione

Frank Lawrence Jalufka .......................... Biology
Chair: Dylan A. McCreedy

Lauren Brittany Jones ............................ Anthropology
Dissertation: “From Bones to Biomolecules: The Utility of Ancient DNA and Biomolecular Analyses in Collections-based Osteoarchaeological Research”
Chair: Michael Waters
Co-Chair: Anna E. Linderholm

Jalia L. Joseph ................................. Sociology
Dissertation: “I Was the One Smelling the Flowers: Black People of Marginalized Genders’ Emotional Experiences with Protest and Political Engagement”
Chair: Mary E. Campbell

Kaustav Khatua .................................................. Chemistry Dissertation: “Design and Development of Covalent Inhibitors and Degraders of Sars-CoV-2 Main Protease” Chair: Wenshe Liu

Jung Ah Kim .................................................. English Dissertation: “Re-Claiming (Lost) Rhythms of Life in Victorian Female Characters” Chair: Mary A. O’Farrell

Toni Paola Kostecki ............................................ Clinical Psychology Dissertation: “An Inquiry into the Workplace ‘Coming Out’ Experiences of LGBTQ+ Identifying K-12 Teachers” Chair: Isaac E. Sabat Co-Chair: Douglas Snyder

Matthew David Kroesche .................................. Mathematics Dissertation: “Low-lying Zeros and Moments of a Thin Family of Automorphic Forms in the Level Aspect” Chair: Matthew Young

Dacheng Kuai .................................................. Chemistry Dissertation: “Ab Initio Insights into Solvation in Interfacial Chemistry and Beyond” Chair: Perla Balbuena


Diya Li .............................................................. Geography Dissertation: “Advancing Spatial Decision Support Systems by Leveraging Cyberinfrastructure and Geospatial Artificial Intelligence” Chair: Zhe Zhang


Ting Lu ............................................................ Mathematics
Dissertation: “Computing the Haar State of $O(SL_q(3))$ on a Monomial Basis”
Chair: Jeffrey Kuan

Sifu Luo ........................................................... Physics
Dissertation: “Search for a $W'$ Boson Coupling to Third Generation Fermions with Semi-leptonic Final States in Proton-Proton Collisions”
Chair: Ricardo Eusebi

Zifeng Luo. .......................................................... Physics
Dissertation: “Experimental Constraints on Carbon Formation and Burning in Late-stage Stellar Evolution”
Chair: Grigory V. Rogachev

Gabrielle R. Lyle. ..................................................... History
Dissertation: “B’nai Borderlands: The Development of Jewish Communities in the U.S.-Mexico Borderlands in the Twentieth Century”
Chair: Carlos Blanton

Angelique Nevarez Maes ........................................ Sociology
Chair: Holly Foster

Joseph Mafflykipp .................................................. Clinical Psychology
Dissertation: “Delusions as a Pathway to Meaning? The Moderating Role of Depression”
Chair: Matthew Vess

Shane D. Makowicki ................................................. History
Chair: Lorien L. Foote

Ryan Christopher Malthaner ..................................... Mathematics
Dissertation: “Distortion Lower Bounds for Graph Embeddings in the Style of Matoušek”
Chair: Florent P. Baudier

Denise Adriana Meda-Lambru .................................... Philosophy
Dissertation: “A Chicanx Investigation of the Aesthetic and Ethical Commitments to Re-Member our Dead”
Chair: Gregory Pappas

Sejal Balvantrai Mistry .............................................. Psychology
Dissertation: “Investigating the Influence of Smartphone-based Support on the Mother-Infant Relationship”
Chair: Rebecca Brooker

Ashley Nicole Moran ................................................ Chemistry
Chair: Simon North
Angelique Elise Morvant ................................................. Mathematics
Dissertation: “The Preasymptomatic Model for the Deformation of Thin Structures with Folding”
Chair: Andrea Bonito
Co-Chair: Alan R. Demlow

Thomas Joseph Onyango ........................................... Physics
Dissertation: “Nucleon-Nucleon Bremsstrahlung from Coarse-grained Transport Simulations of Heavy-ion Collisions at Fermi Energies”
Chair: Ralf Rapp

Tushar Pandey .......................................................... Mathematics
Chair: Tian Yang

Elizabeth F. Perry ........................................................ English
Dissertation: “Mystic Gestures: Performing Contemplation and Affective Piety in the Vernacular of Fourteenth- and Fifteenth-Century English Drama and Literature”
Chair: Nancy B. Warren

Zachary A. Riggins ........................................................ English
Dissertation: “Quotidian Trauma: The Representation of Ordinary Violence in Literature”
Chair: Marian Eide

Indranil Samanta .......................................................... Chemistry
Dissertation: “Discovery of a Cryptic Biosynthesis Pathway of Thiamin in E. Coli and the Development of a Thiamin-based Photoaffinity Probe for Biological Applications”
Chair: Tadhg Begley

Dylan Russell Schlichting .............................................. Oceanography
Dissertation: “Numerical and Physical Mixing in Simulations of Submesoscale Baroclinic Instabilities over Sloping Bathymetry”
Chair: Henry Potter
Co-Chair: Robert Hetland

Jordan Alexandra Schueler ............................................ Clinical Psychology
Dissertation: “Comparison of a Telehealth Versus In-person Intervention for Adults Endorsing Binge Eating”
Chair: Sherecce Fields

Sally Ann Schutz .......................................................... English
Dissertation: “A Sense of Space: (Re)Locating the Texas South in the Public Imaginary”
Chair: Amy E. Earhart

Arjun Sengupta ............................................................. Physics
Dissertation: “A Study of Jets and In-medium Jet Hadronization with JETSCAPE and Hybrid Hadronizatoin”
Chair: Rainer Fries
Vishav Sharma .................................................. Chemistry
Dissertation:  “Mechanistic Studies on Radical S-Adenosyl Methionine Enzymes Involved in Thiamin and Cobalamin Biosynthesis”
Chair:  Tadhg Begley

Eunkyoung Shin .................................................. Physics
Dissertation:  “Neutrino Absorption in Warm Nuclear Matter from Response Functions Computed in Chiral Effective Field Theory”
Chair:  Jeremy W. Holt

Joshua James Street ........................................ Communication
Dissertation:  “Working Class Whiteness”
Chair:  Kristan A. Poirot

Emily Jane Summers ........................................ Oceanography
Dissertation:  “Modelling Transport and Pathways in Microplastics in Estuarine and Coastal Waters”
Chair:  Kyeong Park
Co-Chair:  Jiabi Du

Tye S. Thompson .............................................. Chemistry
Dissertation:  “Neurotrophin Loop Mimicry: Cyclo-organopeptides as a Design Strategy for Targeted Trk Modulation”
Chair:  Kevin Burgess

Meghan Ashley Vance ........................................ History
Chair:  Adam Seipp

Honggang Wang ................................................ Statistics
Dissertation:  “Some Theories and Applications in Alpha Variational Inference”
Chair:  Anirban Bhattacharya

Katherine Wang ................................................ Chemistry
Dissertation:  “Studies in Catalysis: Phase Transfer Activation and Metal Containing Hydrogen Bond Donors”
Chair:  John Gladysz

Alexander Lee Weygandt ................................. Mathematics
Dissertation:  “The Rapid Decay Property for Twisted Étale Groupoids”
Chair:  Zhizhang Xie

McKinley Donovan Williams ................................. Microbiology
Dissertation:  “The Structural and Biological Characterization of Secondary Metabolites in Oral and Soil-derived Species”
Chair:  James L. Smith

Tingyuan Yang ................................................ Chemistry
Chair:  Xin Yan
Seon Myung Yoo .................................................. English
Dissertation: “Genealogy of Comfort: Comfort Women, Military
Camptown Sex Workers, and Transnational Adoptees in
Korean and Korean Diasporic Cultural Production”
Chair: Vanita Reddy

Chen-Hsu Yu .................................................. Chemistry
Dissertation: “Advancing L-Oligonucleotides: Overcoming Synthetic
Challenges and Exploring Intracellular Behaviors”
Chair: Jonathan T. Szepanski

Bing Zhou .................................................. Geography
Dissertation: “STEP Toward Responsible GIScience: Paradigms,
Purposes, and Challenges”
Chair: Lei Zou

Bush School of Government and Public Service

Doctor of Philosophy

Francesco Bromo .................................................. Political Science
Dissertation: “Government-initiated Votes of Confidence and Related
Features of Parliamentarism”
Chair: Jose Cheibub
Co-Chair: Alexander Pacek

Jonghoon Lee .................................................. Political Science
Dissertation: “Initiating Justice: The Role of Judicial Institutions in the
Pursuit of Democratic Accountability”
Chair: Guy Whitten

Manuela Munoz Fuerte .................................................. Political Science
Dissertation: “Bringing Government Closer to the People’: Essays on
Electoral Institutions, Representation, Accountability and
Urban Service Provision”
Chair: Michelle Taylor

Yeon Soo Park .................................................. Political Science
Dissertation: “The Substantive Representation of Marginalized Groups”
Chair: Michelle Taylor

Mellie Zadeh .................................................. Political Science
Dissertation: “From De Jure to De Facto Sovereignty: A Capacity Theory
of Tribal Self-rule”
Chair: Manuel P. Teodoro
Co-Chair: Maria Escobar-Lemmon

Mays Business School

Doctor of Philosophy

Seongjin Kim .................................................. Business Administration
Dissertation: “Essays on Credit Markets and Asset Pricing”
Chair: Hwagyun Kim
Peter I. Nahm ............................. Management
Dissertation: “Knowledge Creation by Nonprofit Research Institutes”
Chair: Michael D. Howard
Co-Chair: Michael C. Withers

Hai Quang Pham ............................. Business Administration
Dissertation: “Essays on Production and Lending Networks”
Chair: Shane A. Johnson
Co-Chair: Adam C. Kolasinski

Lindsey Marie Yonish ......................... Management
Dissertation: “A Relationship-based Perspective of Stakeholder Responses to Trade-offs”
Chair: Cynthia E. Devers

School of Education and Human Development

Doctor of Education

Donna Marie Charles-Baggs ..................... Educational Administration
Record of Study: “Teacher Cognition: Teachers’ Experiences Teaching English Learners in the Mainstream Classroom”
Chair: Jean Madsen

Angela S. Milon .............................. Educational Administration
Record of Study: “An Investigation of the Perceptions of Elementary Principals and Principal Supervisors Related to the Impact of the Texas Principal Evaluation System on Student Performance”
Chair: Gwendolyn Webb-Johnson

Marisela Elizabeth Payne ........................ Curriculum and Instruction
Record of Study: “The Implementation Fidelity of Teacher’s College Reading Writing Project Units of Study in Reading in K-2 Classrooms”
Chair: Robin A. Rackley
Co-Chair: Paul R. Hernandez

Stefanie Noble Spencer ........................ Educational Administration
Record of Study: “Culture Wars, Politics, and School Choice: To What Degree Are They Correlated?”
Chair: Daniel H. Bowen

Doctor of Philosophy

Hoda Alavi Nejad ............................. Educational Human Resource Development
Dissertation: “Measuring Relationship Between Shared Leadership and Burnout Among Healthcare Providers in Sultanate Oman”
Chair: Khalil M. Dirani

Melanie Rae Almaguer ......................... School Psychology
Dissertation: “The Role of Caregiver Resources on Pre-teens’ Behavioral Health During the COVID-19 Pandemic”
Chair: Krystal T. Simmons
Hulya Avci ........................................... Educational Psychology
Chair: Susan Pedersen
Co-Chair: Cheryl J. Craig

Shanna M. Bodenhamer ........................................... Educational Psychology
Dissertation: “Self-management of Communication Behaviors for Students with Autism”
Chair: Jennifer Ganz

Kun Chang ........................................... Kinesiology
Dissertation: “Esports Live Event Attendance: Motivation-based Esports Spectator Identity”
Chair: Hyun-Woo Lee
Co-Chair: Gregg Bennett

Chelsea Cole ........................................... Curriculum and Instruction
Dissertation: “Opening the Door: Teacher Stories of Emotion Intertwined with Curriculum”
Chair: Cheryl J. Craig

Caroline Liza Daniel ........................................... Educational Administration
Dissertation: “At the Crossroads of Gender, Race, and Culture: A Hermeneutic Phenomenological Case Study on the Intersectional Identities of South Asian American Women in K-12 School Leadership”
Chair: Beverly Irby

Carolina Davila ........................................... School Psychology
Chair: Sara M. Castro Olivo

Broderick Lee Dickerson ........................................... Kinesiology
Dissertation: “Effects of Fucoxanthin Supplementation During a 12-Week Exercise and Diet Intervention on Body Composition, Fitness, and Markers of Health in Overweight Women”
Chair: Richard Kreider

Anne Dietrich ........................................... Kinesiology
Chair: Brian P. McCullough

Wenyi Du ........................................... Educational Psychology
Chair: Paul R. Hernandez
Co-Chair: Wen Luo
Tyler Symone Evans ........................... Counseling Psychology
Dissertation: “The Relationship of Early Therapeutic Alliance, Baseline Client Symptom Severity, and Client Race to Duration in Therapy and Post Client Symptom Severity”
Chair: Charles Ridley

Corbin Lee Franklin .......................... Educational Administration
Dissertation: “The Employee-organization Relationship: An Examination of Workplace Exploitation in Student Affairs”
Chair: Glenda D. Musoba

Anthony J. Franzetti II ....................... Counseling Psychology
Chair: Lizette Ojeda

Craig Alan Fulk ............................... Kinesiology
Dissertation: “Moving Toward the Institutionalization of Virtual Sport: Examining the Effects of Virtualization Technology on the Sport of Cycling”
Chair: Kristofer C. Nite

Salandra Deshawn Grice ....................... Curriculum and Instruction
Dissertation: “There’s Something in the Water: A Phenomenological Analysis of the Experiences of Chief Diversity Officers Amid Anti-equity Legislation in P-12 Schools”
Chair: John Williams
Co-Chair: Arcasia D. James-Gallaway

Hailey Ann Harris .............................. Kinesiology
Chair: Natasha T. Brison

Jasamine Hill ................................. Kinesiology
Dissertation: “Psychological Safety in Athletic Departments: A Catalyst for Employee Life Satisfaction and Performance”
Chair: Min Jung Kim

Danni Li ........................................ Educational Psychology
Chair: Jeffrey Liew

Polet M. Milian ................................. Counseling Psychology
Dissertation: “Examining the Moderating Effect of Identity-based Acculturation Between Traumatic Stress and Depression on U.S.-born and Foreign-born Latine STEM College Students”
Chair: Linda Castillo

Patrick Nolan Neff .......................... Kinesiology
Chair: Kristofer C. Nite
Joshua Jacob Philip .......................... Counseling Psychology
Dissertation: “Examining Burnout, Self-efficacy, Career Satisfaction, and Life Satisfaction Among Women of Color in the Stem Industry”
Chair: Lizette Ojeda

Sarah Virginia Poor .......................... Curriculum and Instruction
Dissertation: “Promoting College Students’ Resistance to Socioscientific Issues Mis/disinformation”
Chair: Benjamin Herman

Cherilyn Renee Porter .......................... Curriculum and Instruction
Dissertation: “Parents and Science Education: Parents’ at Home Learning Experiences During the Covid Lockdown”
Chair: Bugrahan Yalvac

Erica Michelle Ritter .......................... Curriculum and Instruction
Dissertation: “Hey, What’s Going On: Exploring Sociopolitical Events and Perceptions Shaping the Landscape of Early Childhood Education Across Waves of Feminism”
Chair: Radhika Viruru

Naomi M. Ruffin ................................. School Psychology
Dissertation: “Profiles of Childhood Ecological Risk and Protective Factors in Black Adolescent Delinquency”
Chair: Jamilia Blake
Co-Chair: Daniel B. Hajovsky

Darby Lee Salge ................................. School Psychology
Chair: Leann V. Smith

Miriam Marie Sanders .......................... Curriculum and Instruction
Dissertation: “Team-based Learning in Mathematics”
Chair: Karen E. Rambo

Erika M. Schmitt ................................. School Psychology
Dissertation: “Risk and Protective Factors of Bias-based Bullying and Hate Speech Victimization of Black Female Adolescents in United States Schools”
Chair: Daniel B. Hajovsky

Mikaela M. Spooner ............................... Counseling Psychology
Dissertation: “Resilience and Adjustment Following the Onset of Disability”
Chair: Timothy Elliott

Ashley Marie Stack ............................... Curriculum and Instruction
Dissertation: “The Effects of a Practice-based Reading Comprehension Professional Development on Teachers’ Knowledge of Reading Comprehension: A Randomized-controlled Trial”
Chair: Kausalai Wijekumar
Angelia Katrina Swinton. Curriculum and Instruction
Dissertation: “Black Women Educators: Perceptions of Teacher Preparation and Identity Construction at Historically Black Colleges and Universities”
Chair: Radhika Viruru
Co-Chair: Gwendolyn Webb-Johnson

Aileen Terrazas. Counseling Psychology
Dissertation: “Latine Gender Roles and Sexual Prejudice Towards Sexual Minorities”
Chair: Linda Castillo

Carly Windley Thornhill. Counseling Psychology
Dissertation: “The Relationships Between Help-seeking, Mental Health, and Health Risk Behaviors for Latina College Students Following Sexual Assault”
Chair: Linda Castillo

Natasha Lagoudas Wilkerson. Curriculum and Instruction
Dissertation: “Fractured Visions: An Analysis of Engineering Education Learning Goals for Middle School Classrooms”
Chair: Joanne Olson

Kaliah Marie Williams. Educational Administration
Dissertation: “Does TPAC Affect Principals’ Perceptions? A Quasi-experimental Study Examining Principal’s Perceptions of First-year Teachers’ Preparedness to Employ Data-informed Instruction”
Chair: Daniel H. Bowen
Co-Chair: Valerie Hill-Jackson

Guorun Xing. Kinesiology
Dissertation: “Paraxanthine on Cognitive Function: A Dose-response Study and a Comparison to Caffeine Before and After Exercise”
Chair: Richard Kreider

Choong Sung Yoo. Kinesiology
Dissertation: “Effects of Supplementation With Microalgae Extract From Phaeodactylum tricornutum Containing Fucoxanthin on Cognitive Function and Markers of Health in Older Men and Women With Evidence of Age-associated Memory Decline”
Chair: Richard Kreider

College of Engineering
Doctor of Philosophy

Amirhossein Abbasszadehrad. Aerospace Engineering
Chair: Richard B. Miles

Mohammad Aghajani Delavar. Civil Engineering
Dissertation: “Seismic Design and Testing of 3D Printed Concrete Walls”
Chair: Petros Sideris
Moustafa Hussein Ali Hussein Ali . Interdisciplinary Engineering  
Chair: Efstratios Pistikopoulos

Yousef Mohammed N Almarzooq . Mechanical Engineering  
Dissertation: “Spectroscopic and NH2* Chemiluminescence Measurements of Spherically Propagating Ammonia Flames”  
Chair: Eric Petersen

Gabriel Joseph Apaza . Aerospace Engineering  
Dissertation: “Generative AI in Design Space Exploration”  
Chair: Daniel Selva Valero

Abhay Singh Bhadoriya . Mechanical Engineering  
Dissertation: “Assisted Path Planning Between Heterogeneous Agents with Varied Structural and Motion Constraints”  
Chair: Sivakumar Rathinam  
Co-Chair: Dvahg Swaroop

James Daniel Alan Brouk . Aerospace Engineering  
Chair: Kyle DeMars

David Edward Capps . Aerospace Engineering  
Dissertation: “Tensegrity Systems Modeling to Manage Manufacturing Tolerances”  
Chair: Manoranjan Majji

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Dissertation: “Pathfinder and Shadow: Autonomous Methods of Genomic Network Construction”  
Chair: Aniruddha Datta

Sourav Chakravarty . Materials Science and Engineering  
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Angela Tzeho Chan . Computer Science  
Dissertation: “Exploring the Use and Affective Impact of Contextualized Remote Social Touch Communication”  
Chair: Bobak Mortazawi

Min Su Choi . Civil Engineering  
Chair: Qi Ying

Abigail Jones Clevenger . Biomedical Engineering  
Dissertation: “The Impact of Microenvironmental Mediators on the Malignant Progression of Colorectal Cancer”  
Chair: Shreya Raghavan
Natalie Coleman ............................... Civil Engineering
Dissertation: “Assessing Inequities in the Recovery of Infrastructure Systems and Lifestyle Behaviors During Climate Hazard Events”
Chair: Ali Mostafavi

Siwei Cui ................................. Computer Science
Chair: Shaoming Huang

Aryabhat Darnal ............................... Mechanical Engineering
Dissertation: “Chiral and Hierarchical Kerf Structures: Design, Simulation, and Experiment”
Chair: Hanifah Muliana

Hunter Jack Denton ............................... Aerospace Engineering
Chair: Benedict Moble

David Jerome Dolt ............................... Electrical Engineering
Dissertation: “Radiation-hardened Frequency Synthesizer Design”
Chair: Samuel M. Palermo

Yusuf Ajibola Falola ............................... Petroleum Engineering
Chair: Siddharth Misra

Mingzhou Fan ............................... Electrical Engineering
Dissertation: “Bayesian Optimal Experimental Design Under Model Mismatch”
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Co-Chair: Byung-Jun Yoon

Adwait Sanjay Gaikwad ............................... Materials Science and Engineering
Chair: Pavan V. Kolluru

Anirudh Gairola ............................... Chemical Engineering
Dissertation: “Drug Delivery Systems Against Bacterial Infections”
Chair: Hung-Jen Wu

Chongjie Gao ............................... Industrial Engineering
Dissertation: “Design and Manufacturing of High-performance Batteries for Implantable Applications”
Chair: Shiren Wang

Michail Gkagkos ............................... Electrical Engineering
Dissertation: “Coding for Unsourced Random Access Channels and Connections to High-dimensional Compressed Sensing”
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Dissertation: “Ultrasensitive and Stable Plasmonic Sensors for Noninvasive Biochemical Detection and Quantification”
Chair: Limei Tian

Zhishuai Guo ................................. Computer Science
Dissertation: “Federated Learning for Non-decomposable Objectives”
Chair: Tianbao Yang

Mohammad Ruzlan Habib .......................... Biological and Agricultural Engineering
Dissertation: “Utilization of FRM Samplers and Unique Atmospheric Cold Plasma Technology: A Respective Study on Air Quality and Food Safety”
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Yasuyuki Hamanaka ............................... Petroleum Engineering
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Dissertation: “Resource-efficient Machine Learning with Limited Data and Computation”
Chair: Xia Hu

Zhemin Hu ...................................... Electrical Engineering
Dissertation: “Application of Transmotor-flywheel Technology to Mild Hybrid Electric Vehicles”
Chair: Mehrdad Ehsani

Zhihan Hu ...................................... Nuclear Engineering
Dissertation: “Using Accelerator Ion Irradiation to Emulate Neutron Damage: Limitations and Mitigation Strategies”
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Denis Johnson ........................................ Chemical Engineering
Chair: Abdoulaye Djire

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Dissertation: “New Contributions and Applications in Federated Learning”
Chair: Erchin Serpedin
Co-Chair: Katherin M. Davis

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Dissertation: “Quasi-periodic Motion in the Earth-Moon-Sun Bi-elliptic Restricted Four-Body Problem”
Chair: John Junkins
Co-Chair: Manoranjan Majji

Chaitanya Chowdary Kesnapalli ............. Ocean Engineering
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Dissertation: “Developing In Vitro Organ Systems for Mechanistic Study”
Chair: Arum Han

Nahndi T. Kirk-Bradley ............... Biological and Agricultural Engineering
Dissertation: “Innovative Application of Atmospheric Cold Plasma for Mitigating Stored Product Pest Infestations and Implementing Sustainable Fumigation Solutions”
Chair: Janie M. Moore

Logan Kluis ................................. Aerospace Engineering
Dissertation: “A Novel Metabolic Model for Ambulation in Hypogravity and Applications to Planetary Extravehicular Activity”
Chair: Ana Diaz Artiles

Maulik Chhabilkumar Kotecha ............ Mechanical Engineering
Chair: Daniel McAdams

Ao Li ................................................ Petroleum Engineering
Dissertation: “Fluid Injection Monitoring and Optimization Using Streamlines, Pathlines, Source Clouds and Time Clouds”
Chair: Akhil Dattagupta

Shuangliang Li ............................... Electrical Engineering
Dissertation: “The Development and Optimization of Impact-resistant Microfabricated Scanning Mirrors (IRMSMs) for Acoustic and Optical Imaging”
Chair: Jun Zou
Robert Harold Lightfoot, Jr. Interdisciplinary Engineering
Dissertation: “The Assessment of Student Satisfaction and Competent Course Completion in Computer Science Service Courses When Using Competency-based Grading and Assignment Choice”
Chair: Tracy Hammond

Tao Liu Computer Engineering
Dissertation: “Provable Learning with Real-world Constraints”
Chair: Panganamala R. Kumar

Samuel D. Martin Mechanical Engineering
Dissertation: “Calibration of Macroscale Elastic and Frictional Properties of Bonded Particle Grains”
Chair: Marcia A. Cooper

Lorena Mejia Domenzain Industrial Engineering
Dissertation: “Exact Gram-Schmidt QR Factorization”
Chair: Erick Moreno Centeno

Amira A. Mohammed Electrical Engineering
Chair: Haitham Abu-Rub
Co-Chair: Sertac Bayhan

Samin Moosavi Mechanical Engineering
Chair: Swaminathan Gopalswamy

Youssef Tarek Diaaldeen Mortada Materials Science and Engineering
Chair: Bilal Mansoor
Co-Chair: Eyad Masad

Emile Motta De Castro Mechanical Engineering
Dissertation: “Multiscale Engineering of Semi-crystalline Thermoplastic Composite Performance”
Chair: Amir Asadi

Deeprakha Narayanan Materials Science and Engineering
Dissertation: “Effect of Microstructural Features on the Corrosion Behavior of Additively Manufactured Co-Cr-ΔMo and Stainless Steel 316L for Orthopedic Applications”
Chair: Homero Castaneda-Lopez

Md Ehsanul Haque Nirjhar Computer Science
Dissertation: “Expression and Perception of Stress in Interpersonal Communication Through the Lens of Multimodal Signals”
Chair: Theodora Chaspari

Suyash Sameer Oka Chemical Engineering
Chair: Jodie L. Lutkenhaus
Oluwakemi Anu Olofinnika .................................. Petroleum Engineering
Dissertation: “Simultaneous Water-alternating Gas Mitigates Flared Gas and Enhances Oil Recovery in a Carbonate Permian Field”
Chair: Esuru R. Okoroafor

Benjamin Chukwumdindu Ozumba ............................ Civil Engineering
Dissertation: “Modeling Disaster Habitation for Improved Hazard Management Project Analysis”
Chair: David Ford

Silabrata Pahari .................................................. Chemical Engineering
Chair: Joseph S. Kwon

Woosang Park ................................................... Aerospace Engineering
Dissertation: “Covariance Based Track Association Strategies for LEO and Cislunar Objects”
Chair: Kyle Alfriend

Raj Sanjaykumar Patel ........................................ Materials Science and Engineering
Dissertation: “Understanding the Mechanical and Physical Anisotropy of Shales”
Chair: Kelvin Xie

Flavia Ioana Patrascu ........................................ Civil Engineering
Dissertation: “Deciphering Community Recovery Based on Fluctuations in Access”
Chair: Ali Mostafavi

John Edward Pellessier ....................................... Mechanical Engineering
Dissertation: “Innovative Approaches in Developing Transition Metal Based Catalysts for the Electrochemical Reduction of Carbon Dioxide”
Chair: Ying Li

Miguel Angel Pena III .......................................... Nuclear Engineering
Dissertation: “Refining Methods to Quantify Irradiation Hardening”
Chair: Lin Shao

Sagar Pokharel .................................................. Aerospace Engineering
Dissertation: “Self-consistent Modeling of Laser-induced Non-equilibrium Plasma”
Chair: Albina Tropina

Yutian Qian ........................................................ Chemical Engineering
Chair: Faisal I. Khan
Co-Chair: Sreeram Vaddiraju

Yufeng Quan ..................................................... Chemical Engineering
Dissertation: “Sustainable and Efficient Manufacturing of Metal-organic Frameworks Based Polymer Composites and Their Applications in Flame Retardancy”
Chair: Qingsheng Wang
Ajinkya Raut ................................. Mechanical Engineering  
Dissertation: “State-of-the-art Polymers for Green Tribology Applications”  
Chair: Andreas A. Polycarpou  
Co-Chair: Ali Erdemir

Sidney Austin Ricketts ................................. Nuclear Engineering  
Dissertation: “Neutron Source Reconstruction from One-dimensional Imager of Neutrons at the Z Facility”  
Chair: Jim Morel

Sankhadeep Sarkar ................................. Chemical Engineering  
Chair: Faisal I. Khan  
Co-Chair: Mahmoud El-Halwagi

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

Deep Mahipal Shah ................................. Civil Engineering  
Chair: Huilin Gao

Rishabh Singla ................................. Computer Engineering  
Dissertation: “Analysis of IoT Security Importance in Power Grids”  
Chair: Narasimha Annapareddy  
Co-Chair: Riccardo Bettati

Brooke Lonae Smith ................................. Biological and Agricultural Engineering  
Dissertation: “Aerosolization Triggers Behavioral and Structural Changes Leading to Antibiotic Resistance in Bacteria”  
Chair: Maria King  
Co-Chair: Sandun Fernando

Neelkamal Somisetty ................................. Mechanical Engineering  
Chair: Dvahg Swaroop

Jeremy Lee Sounik ................................. Mechanical Engineering  
Dissertation: “Experimental Analysis of Unsteady Film Cooling Effectiveness on Gas Turbine Blades Using Fast Response Pressure Sensitive Paint”  
Chair: Lesley M. Wright

Tohoko Tajima ................................. Petroleum Engineering  
Dissertation: “The Effect of Lab Scale Heterogeneity on the Field Applicable Acid Fracturing Conductivity Model”  
Chair: Ding Zhu
Kazuyuki Terada ........................................ Petroleum Engineering
Dissertation: “Multi-resolution Coupled Flow and Geomechanics
Modeling Using Diffusive Time-of-flight and
Pseudosteady State Pressure as Spatial Coordinate”
Chair: Akhil Dattagupta
Co-Chair: Michael King

Ratul Mitra Thakur ........................................ Chemical Engineering
Dissertation: “Redox-active Polymers: Electrochemical Doping in
Organic Semiconductors, Organic Battery Recycling, and
Redox Chemistry in Solution”
Chair: Jodie L. Lutkenhaus

James Jude Tronolone ...................................... Biomedical Engineering
Dissertation: “AI-enabled Vascularized Microphysiological Systems for
Disease Modeling and Translational Medicine”
Chair: Abhishek Jain

Edith Valle .................................................. Electrical Engineering
Dissertation: “Increasing the Efficiency of Detecting and Analyzing
NMR-based Biomarkers of Disease”
Chair: Mary P. McDougall

Guillermo Vazquez Tovar ............................... Materials Science and Engineering
Dissertation: “Machine Learning and Ab Initio Study of the Ther-
mosdynamic and Elastic Properties of High Entropy
Systems”
Chair: Raymundo Arroyave

Zhide Wang .................................................. Industrial Engineering
Dissertation: “Structural Estimation of Partially Observable Markov
Decision Processes and Partially Observable Stochastic
Games: Theory and Applications”
Chair: Yanling Chang
Co-Chair: Alfredo A. Garcia

Yanmo Weng .................................................. Civil Engineering
Dissertation: “Investigating the Machine Learning Techniques as
an Extrapolation Approach in the Wind Engineering
Domain”
Chair: Stephanie Paal

Rohan Singh Wilkho ....................................... Civil Engineering
Dissertation: “Advancing Disaster Informatics: AI-enabled Web
Harvesting for Informing Flash Flood Mitigation
Planning”
Chair: Nasir Gharaibeh

Tyrell Jakob Williams ................................. Biomedical Engineering
Dissertation: “Hydrogel Microparticle-based Technologies to Address
Challenges in Anaerobic Culture and Implantable
Glucose Biosensing”
Chair: Daniel L. Alge
Bin Wu. Mechanical Engineering
Chair: Chii-Der Suh

Jiachen Xi. Industrial Engineering
Dissertation: “Reinforcement Learning with Finite Time and Sample Guarantees”
Chair: Peter Momcilovic
Co-Chair: Alfredo A. Garcia

Zhuyi Yan. Electrical Engineering
Dissertation: “Surface-micromachined Optical Ultrasound Transducer Array for 3D Photoacoustic Computed Tomography”
Chair: Jun Zou

Mengyue Yang. Petroleum Engineering
Dissertation: “Horizontal Well Production with Multi-stage Hydraulic Fractures under the Influence of Closure Stresses Using a Coupled Reservoir/Wellbore Flow Model”
Chair: Ibrahim Y. Akkutlu

Tsz-Yi Yang. Biological and Agricultural Engineering
Dissertation: “3D Vision and Machine Learning for Precision Diagnostics in Hydroponic Crop Production”
Chair: Maria King

Yuning You. Electrical Engineering
Dissertation: “Generalizable Graph AI for Biomedicine: Data-driven Self-supervision and Principled Regularization”
Chair: Yang Shen

Wajid Yousuf. Petroleum Engineering
Dissertation: “Investigation of Modeling of Stresses Around Borehole and New Proxy Formulations”
Chair: Jihoon Kim

Ruxin Zhang. Petroleum Engineering
Dissertation: “Robust Reservoir Management and Multi-objective Optimization of Field-scale Enhanced Oil Recovery”
Chair: Akhil Dattagupta

Zhen Zhang. Civil Engineering
Dissertation: “Assessing Corrosion Risk and Service Life Prediction of Superstructures in Texas Bridges”
Chair: Stefan Hurlebaus
Co-Chair: Arash Noshadravan

Xilong Zhou. Computer Science
Dissertation: “Towards Practical and Robust Material Acquisition and Generation”
Chair: Ergun Akleman
Co-Chair: Nima Khademi Kalantari
School of Law

Juris Doctor

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

School of Medicine

Doctor of Philosophy

Francesca Ogheneraro Agobe ....................................... Medical Sciences
Dissertation: “Addressing Multidrug Resistant Bacterial Infections with Novel Antimicrobials and Drug Delivery Systems”
Chair: Carolyn L. Cannon

John Edward Drake, Jr. ........................................ Medical Sciences
Dissertation: “Utility of Incorporating Cell Proportions into Elastic Net Models to Impute Gene Expression for Psychiatric Ailments”
Chair: Rajesh Miranda
Co-Chair: Vladimir Vladimirov

Lauren Caroline Farris ........................................ Medical Sciences
Dissertation: “Host and Bacterial Mechanisms of Type I Interferon Induction in Borrelia burgdorferi Infection”
Chair: Jenny A. Hyde

Jacob Thompson Rutherford ........................................ Medical Sciences
Dissertation: “Bacterial Enoyl-ACP Reductase, FabK, as a Microbiome Sparing, Antimicrobial Target”
Chair: Julian Hurdle

Ankith Sharma ..................................................... Medical Sciences
Dissertation: “Probing Bacterial Tat Receptor Complex Oligomerization & FUS Condensate Substructure via Single Molecule Microscopy”
Chair: Siegfried Musser

You Wu ......................................................... Medical Sciences
Chair: David Reiner

Irma Lerma Rangel School of Pharmacy

Doctor of Pharmacy

Rebecca Carmen Acebo ........................................... Pharmacy
School of Public Health

Doctor of Philosophy

Morgan James Grant ........................................ Health Education
Dissertation: “The Impact of Racial and SGM-related Discrimination on the Mental Health of Black Sexual and Gender Minority Adolescents”
Chair: Tamika D. Gilreath

Jungkyung Min ........................................ Health Education
Dissertation: “Online Health Information Seeking Among U.S. Older Adults: Applying the Comprehensive Model of Information Seeking”
Chair: Idethia S. Harvey

Alyssa Marie Fisher ........................................ Public Health Sciences
Dissertation: “Patient-provider Communication on Health Behaviors: Development and Validity of the Weight-related Appraisal Stakes Scale”
Chair: Mark D. Faries

Nishat Tasnim Hasan ........................................ Public Health Sciences
Dissertation: “Association Between Arsenic Exposure from Drinking Water and Kidney Health”
Chair: Taehyun Roh

Maria Teresa Roque ........................................ Public Health Sciences
Dissertation: “Assessing the Impact of Menstrual Hygiene Product Access on Adolescent Mental Health”
Chair: Ping Ma

School of Veterinary Medicine and Biomedical Sciences

Doctor of Philosophy

Mohammad Ameen M Abdulla Al-Mahmood .............. Biomedical Sciences
Dissertation: “Protective Efficacy of Turkey Herpesvirus (HVT) Vector Vaccines Against Infectious Bursal Disease and Newcastle Disease in Chickens”
Chair: Sanjay Reddy

Alison Basel ........................................ Biomedical Sciences
Dissertation: “It Takes Two! Maternal and Paternal Alcohol Use Programs a Lasting Negative Effect on Adult Offspring”
Chair: Michael C. Golding

Alexis M. Carey ........................................ Biomedical Sciences
Dissertation: “Investigation of Fitness After Phase I and Phase II Flagellin Loss in Salmonella Typhimurium to Understand the Proliferation of Monophasic Variants”
Chair: Keri N. Norman
Co-Chair: Sara D. Lawhon
Juan Pablo Fimbres Macias. Biomedical Sciences
Dissertation: “Triatomine Vectors of the Chagas Disease Parasite in Texas and Mexico: Natural History, Improved Surveillance, and Community Science”
Chair: Sarah A. Hamer

Lucie Ford. Toxicology
Dissertation: “Risk and Hazard Characterization of Environmental Chemicals and Defined Mixtures Using a Battery of Human In Vitro Methods”
Chair: Ivan I. Rusyn

En-Hsuan Lu. Toxicology
Chair: Weihsueh A. Chiu

Luisa Fernanda Ramirez Agamez. Biomedical Sciences
Dissertation: “Factors Associated with the Efficiency of Assisted Reproductive Technologies (ARTs) in Horses”
Chair: Charles Love

Kelly Jane Rivenbark. Toxicology
Chair: Timothy Phillips

Reetu Singh. Biomedical Sciences
Dissertation: “Reduced Lymphatic Pumping: A Common Consequence of Acute Exposure to Ionizing Radiation and Short Chain Fatty Acids”
Chair: Glen Laine
Co-Chair: Ranjeet M. Dongaonkar

Chi-Hsuan Sung. Biomedical Sciences
Dissertation: “Assessment of the Fecal Microbiota and Selected Metabolites by Targeted Approaches in Cats with Chronic Enteropathy”
Chair: Jan Suchodolski

Shu Tang. Biomedical Sciences
Dissertation: “Long Noncoding RNA MALAT1 Regulates Inflammation and Sepsis, and the Development of Diabetes”
Chair: Ramesh Vemulapalli
Co-Chair: Yanan Tian

Adrian Tinoco Najera. Biomedical Sciences
Dissertation: “Discovery of Noninvasive Biomarkers in Dogs with Chronic Hepatopathies”
Chair: Jonathan A. Lidbury
Co-Chair: Jan Suchodolski
Han-Hsuan Tsai ............................................ Toxicsology
Dissertation: “Using In Vitro High-throughput Transcriptomic Data for Decision-making in Safety Evaluation of Mono-constituent and Complex Substances”
Chair: Ivan I. Rusyn

Ramiah R. Vickers .......................... Genetics and Genomics
Dissertation: “The Stimulator of Interferon Genes in Mammary Gland Development”
Chair: Weston W. Porter

Yu Xi ................................................. Toxicology
Dissertation: “The Role and Mechanisms of METTL14 in Heart Failure”
Chair: Xu Peng

Doctor of Veterinary Medicine

Stephanie Silva ............................... Veterinary Medicine
Candidates for Master’s Degrees

College of Agriculture and Life Sciences

Presented by Dr. Jeffrey W. Savell, Dean

Department of Agricultural Economics

Master of Science

Agricultural Economics

Cristina Elise Griffith  Hakki Gokhan Sengul

Department of Agricultural Leadership, Education, and Communications

Master of Agriculture

Agricultural Development

Thesiana Jacqueline Graham  Luke Mitchell Hendryx

Master of Recreation and Youth Development

Recreation and Youth Development

Catherine Victoria Wood

Master of Science

Agricultural Leadership, Education, and Communications

Madeline Elaine Cure  Sherrie Loise Ray

Department of Animal Science

Master of Agriculture

Animal Science

Jessica Layne Spenrath

Master of Equine Industry Management

Equine Industry Management

Cori Kathleen-Jane Cansdale
Master of Science  
Animal Science  
Amanda L. Baxter  
Lauren Ann Black  
Sage Lake Boleman  
Arianna Nicole Lopez  
Tatiana E. Ramos  

Department of Biochemistry and Biophysics  
Master of Science  
Biochemistry  
Tanner Allen Stone  

Department of Biological and Agricultural Engineering  
Master of Science  
Agricultural Systems Management  
Yali Zhang  

Department of Ecology and Conservation Biology  
Master of Science  
Ecology and Conservation Biology  
Monica Ghosh  
Justinn Jake Jones  

Department of Entomology  
Master of Science  
Entomology  
Gabriella Catherine Marotta  

Department of Food Science and Technology  
Master of Science  
Food Science and Technology  
Carlos De Jesus Carrete Quintero  
Reyhaneh Sarkarat  

Department of Horticultural Sciences  
Master of Agriculture  
Horticulture  
Katherine JoAnn Hough Davidson
Department of Hospitality, Hotel Management and Tourism

Master of Science

Recreation, Park and Tourism Sciences

Alyanna L. Whitworth

Department of Poultry Science

Master of Agriculture

Poultry Science

Rahul Reddy Ashley Rhys Wasnick

Master of Science

Poultry Science

Kamaryn Shaye Beamsley

Department of Rangeland, Wildlife and Fisheries Management

Master of Science

Rangeland, Wildlife and Fisheries Management

Anna Lynn Eismont Dorothea Pauline Mildenberger

Master of Wildlife Science

Wildlife Science

Adam Michael Phillips

Department of Soil and Crop Sciences

Master of Science

Agronomy

Hazal Camci Arik Connor R. Hansen

Molecular and Environmental Plant Sciences

Ashifa Cahyani Trisnaputri
School of Architecture
Presented by Dr. Chanam Lee, Executive Associate Dean

Department of Construction Science
Master of Science
Construction Management
Dhara Pankajkumar Anghan

Department of Landscape Architecture and Urban Planning
Master of Land and Property Development
Land and Property Development
Kevin Kim
Master of Urban Planning
Urban and Regional Planning
John H. Hoang

College of Arts and Sciences
Presented by Dr. Adam R. Seipp, Associate Dean

Department of Anthropology
Master of Science
Maritime Archaeology and Conservation
Brandon William Lentz        Austin Clifford Siess

Department of Atmospheric Sciences
Master of Science
Atmospheric Sciences
Emma N. Heienickle          Jonathan C. Lewis
Kassidy A. Lange             Libert Niyonkuru
Department of Biology

Master of Science

Biology

Brianna Marie Barrera  Velena Elizabeth Fisher
Audrey Nicole Bradley  Logan Mitchell
Annabelle Hailey Coffman  Brooke NeShea Stair
Mohanad Hesham El-Sobky

Microbiology

† Stephen Oluwafemi Oderinde  Mariajose Tarot Palma

Department of Chemistry

Master of Science

Chemistry

Daniel James Bronner  William Timothy Darrow
Dillion Chen  Hyunjin Kim

Department of Communication and Journalism

Master of Arts

Communication

◊ Cassandra L. Julian

Department of Economics

Master of Science

Economics

◊ Angela Munoz Torres  ◊ Daniel Nunez Gallegos
John Paul Najvar  Xiangyu Ren

Department of English

Master of Arts

English

Renee Constance George

◊ Double Degree
† Posthumous
Department of Geography

Master of Science

Geography

Jerad Everett King

Emily Rabel

Water Management and Hydrological Science

Salai Thura Zaw

Department of Geology and Geophysics

Master of Science

Geology

Maram Zaki H Al Saif

Melanie Ann Brewer

Paige Klug

Brandon M. Richardson

Geophysics

Omar Abdullah M Aldhalea

Matthew S. Anderson

Richard Asirifi

Aritrika Saha

Department of History

Master of Arts

History

Joseph Ryan LeFave

Leslie Nicole Torres

Department of Mathematics

Master of Science

Mathematics

James Bennette

Bradley Check

Department of Oceanography

Master of Science

Oceanography

Siobhan Kassem-Courtney

Ellen Marie Laaker

Phoebe Anne Scharle
Department of Philosophy

Master of Arts

Philosophy

Pak Him Lai  ◊ Hayden Christopher Ridings

Department of Physics and Astronomy

Master of Science

Astronomy

Xingzhuo Chen

Department of Psychological and Brain Sciences

Master of Science

Psychological Sciences

Claire E. Bowman-Callaway  Shivani Ashok Mansharamani
Robyn Denise Douglas  Savannah Justine Woller
Chase Alan Gause

Department of Sociology

Master of Science

Sociology

Latresa Sharon Williams

Department of Statistics

Master of Science

Statistical Data Science

Samantha Lucas

Statistics

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

◊ Double Degree
Bush School of Government and Public Service

Presented by Mr. John B. Sherman, Dean

Department of International Affairs

Master of International Affairs

International Affairs

◊ Alan Eduardo Garcia Martinez

Master of International Policy

International Policy

Edward Daniel Camacho                Anna Jung
Kyle Raymond Hallowell               John David Reid
Thomas Foster Healey                 Christopher Swain

Master of National Security and Intelligence

National Security and Intelligence

Dakarai Johnson                      Robert Joseph Durand Scheerer
Beverly Carlene Richardson

Department of Public Service and Administration

Master of Public Service and Administration

Public Service and Administration

◊ Jack Reilley Callahan              Grace Elizabeth Poston
Robert N. Castanon                   Marina Rabinek
Landis Joseph Cravens                Brandon Charles Seery
Joshua Dunbar                        Richard Anthony Serna
Whitney Escoto                       Jeremy Scott Shaffer
Joshua Michael Fox                   Stephen J. Welsh
Keaton Stewart Mattick

Mays Business School

Presented by Dr. Nate Y. Sharp, Dean

Master of Business Administration

Business Administration

Adam M. Baldwin                      Sophie Anne Mullens
Molly Rene Dias                      Raluca Elena Narita

◊ Double Degree
Master of Science

Business

Mathew L. Alban
Bennett Davis
Caitlin Elaine Harbin
Kimberly Tanisha Riley Mason

Department of Accounting

Master of Science

Accounting

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

Department of Finance

Master of Financial Management

Financial Management

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

Department of Information and Operations Management

Master of Science

Management Information Systems

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

Department of Management

Master of Science

Entrepreneurial Leadership

Ted W. Burton
Endyia Rogers
Jaydan Wood

◊ Double Degree
School of Dentistry
Presented by Dr. Lily T. Garcia, Dean

Master of Science
Oral Biology

Madhuri Krishna Annepu
Allison Miles Lee

School of Education and Human Development
Presented by Dr. Michael A. de Miranda, Dean

Department of Educational Administration and Human Resource Development

Master of Education

Educational Administration

Javier Saldana-Gil

Master of Science

Educational Administration

Karina Sarai Badillo Ogg
Kaitlin Elizabeth Coley
Alison Rae Dorsey

Cortney Ann Graves
Bailey Evelyn Priest

Educational Human Resource Development

Stefani Anastasia Hanes
Kristen J. LeForte

Valerie Puckett Townsend

Department of Educational Psychology

Master of Education

Bilingual/ESL Education

Erik Dorbecker Garcia
Courtney Johnson

Rigoberto Rodriguez Ibarra

Educational Psychology

Hanna Elizabeth Gregg
Macy Michelle Melton
Magaly Elizabeth Perez Ortega

Lauryl O. Salami
Rebekah Noelle Valma
Learning Design and Technology
Mahnoor Agha                      Evan Lee Peterson
Kelly Lynn Marshall                Maria Gabriela Reyes Tapia

Department of Kinesiology and Sport Management
Master of Science
Sport Management
Isaac Cameron Esqueda              Matthew Pegula
Carson Dean Field                  Madison A. Pickard
Logan C. Keith                     Macie M. Satterwhite
Brian Land                         Kory Ray Toney

Department of Teaching, Learning and Culture
Master of Education
Curriculum and Instruction
Isabella C. Acosta                 Hayden Reese Hayes
Eleanor Kay Antestenis             Emily Ann Hendrix
Melanie Michelle Barkemeyer        Natalie Rose Herring
Lauren E. Bennett                  Mallory J. Hoffman
Allison D. Bobbitt                 Holly K. Holsberry
Steve Brechler                     Nicole Alexis Jordan
John C. Brockman                   Brandon David Kauvar
Jacqueline Rose Brown              Julia Fallon Kelly
Molly R. Brown                     Elizabeth J. Lee
Alexandria Aimee Campbell          Lauren Lewellen
Alejandra Celorio Baez             Jaelan C. Linville
Garrett L. Chandler                Mackenzie N. Logan
Rebekah E. Clark                   Laurel Ann Lutonsky
Erin Elizabeth Clay                Hallie Ruth Lyons
Brandi Alissa Costello            Natalie Ann Boutot Manner
Crystal Michelle Couserst          Kaia Michelle Mantor
Megan Celeste Covington            Malorie Kathryn Mayner
Courtney Michelle Cox              Madelyn Emilee Miller
Kathryn Elizabeth Curry            Abbie Marie Moy
Jamie Stout Davis                  Kaitlyn Shay Moye
Parker H. Doyle                    Lauren Rene Peterson
Stephanie Leigh Dusek              Emily Alicia Pillow
Kelsey Oree Eaton                  Jacob Ted Pitzer
Emmeline Marie Efferson           Jadah Platt
Hayley L. Fleener                  Patricia Michelle Porter
Aryana A. Garcia                   Tiffany Pullen
Maura Jade Garcia                  Ashlyn Tayte Ramsey
Angelina Marie Gonzalez            Carsyn Paige Rosenquist
Ty Stephen Hale                    Bailey Saha
Michael S. Hand                    Jocelyn Reighan Salazar
Andrew E. Hanna                    Micah Catherine Sanders
Hannah R. Hart                     Chloe Rebecca Schindewolf
Kinley Ashton Hatch                Pauleena L. Sears
Corinne N. Shepherd
Natalie M. Solis
Alexandrea Kate Taylor
Emma Leigh Taylor
Jaclyn L. Taylor
Sarah Faye Tillman

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

Master of Science
Curriculum and Instruction

Elizabeth Nicole Miller
Lisa M. Perkins

College of Engineering
Presented by Dr. Duncan M. Walker, Associate Dean

Master of Science
Energy

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

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

Department of Aerospace Engineering

Master of Engineering
Aerospace Engineering

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

Donovan E. McGruder
Joshua Samuel Mendes
Oliver Kolbe Nelson

Master of Science
Aerospace Engineering

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

Cassie Kay McQuinn
Sumin Seo
Hrudayavani S. Vellore
Chieh-Yu Wu
Department of Biological and Agricultural Engineering

Master of Science

Biological and Agricultural Engineering

Hardev Singh  Ashley N. Voight

Department of Biomedical Engineering

Master of Engineering

Biomedical Engineering

Anushka Sanjeev Bhawsinka  Sindeesh Reddy Padidam

Bachelor of Science

Biomedical Engineering

Majed Othman H Althumayri  Brendan McKee
Anna L. Keller  Vidhya Shree Ravi

Department of Chemical Engineering

Master of Biotechnology

Biotechnology

Ruth Ayegba  Divya Ganga
Saika Beerval  Eswar Sai Abhishek Sadhu

Master of Engineering

Chemical Engineering

Nituparna Dey  Vignesh Shankar
Vaishnavi Nemaniwar

Master of Science

Chemical Engineering

Gunnar Burley  Abraham Alexander Kister
Jitendra Choudhary  Harsh Birenkumar Shah
Madeline Grace Demny  Vishaal Vidyaprakash
Aovi Ajit Deshpande
Department of Civil and Environmental Engineering

Master of Science

Civil Engineering

John Stavinoha Craig  
Joren Devin Andrew Falcon  
Yunkyoung Han  
Laith Nasser Mirweh Masoud

Tal Mizrachi  
Sateesh Kumar Puri  
Dhanesh Yeganantham

Department of Computer Science and Engineering

Master of Computer Science

Computer Science

Matthew Maximilian Atanas  
Kevin Si Noh

Homa Pesarakli  
Nicholas Edward Robert

Master of Engineering

Computer Engineering

Pawan Sai Ramaswamy

Department of Electrical and Computer Engineering

Master of Science

Computer Engineering

Tzu-Hsiang Lin  
Vanishree Raghavendra Prasad

Kishore Sholur Ashokkumar  
Sreelakshmi Sreedevi  
Yuntao Xie

Nkemdi F. Anyiam  
Dheep Manish Dalamal  
Shaheen Michael Ebrahimi  
Lance G. Fletcher

Aayush Gautam  
Shilpa Mukhopadhyay  
Deepak Suresh  
Wei Zhang

Jaewoo Lee  
Computer Science

Department of Electrical and Computer Engineering

Master of Science

Computer Engineering
Electrical Engineering

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

Department of Engineering Technology and Industrial Distribution

Master of Science

Engineering Technology

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

Department of Industrial and Systems Engineering

Master of Engineering

Industrial Engineering

Spencer Blake Carrasco           Nisarg Hiteshkumar Prajapati

Master of Science

Engineering Management

Annette Alanis                   Alyssa Danyel Reed
Hitesh Mandava                   Bhushan Ramesh Shiwankar

Industrial Engineering

Naveen Kumar Aavula              Aaditya Gopal Holani
Chirag Anantha                   Jeevesh Jain
Akash Raja Anbarasu              Vinayak Diwakar Joshi
Aakash Balaji Bala Vignesh       Rutuparna Prabhakar Kale
Vidhya Darshini Banoth           Nadish Kandasamy Loganathan
Aditya Kundan Bhavaraju          Anurag Vasudeo Karulkar
Mihir Vallabh Bhai Bodrya        Vignesh Ramamoorthy
Harshit Chawla                   Kumarasamy
Venkata Sai Kishan Chintalapati  Tanvi Jitendra Kuray
Jagadesh Kumar                   Suprana Madiraju
Cigurupadi Mohan                 Saravana Prabhakaran
Swadesh Dilip Daphale            Mahalingham
Parth Sanjaybhai Dave            Pulkit Maheshwari
Kishore Madavan Ganesan          Deepak Sandar Manoharan
Naveen Shrinishivas              Rohith Moolzhil Joison
Godbhantaraman                   Surya Vardhan Mugatha
Dhruvan Mukesh Gohil             Rojith Madhusoodhanan Nair
Neha Gunreddy                    Amarnath Nara Bhari Rao Anitha
Jeevan Chowdary Gunturi          Srinivasa Murthy
Jayesh Arvind Gupta              Sumedh Suresh Nehekar
Ajaya Harish Chandra Kumar       Pranav Pravin Nikam
Atharva Shirish Hasabnis         Sai Teja Palakurthy
Sairithvik Papudesu
Harsh Jatinbhai Patel
Abhishek Subhash Patil
Chaitanya Bhausaheb Patil
Disha Jaysing Patil
Swarali Patil
Sai Harsha Pisapati
Mahati Aditya Pisipati
Nirmal Rajagopal
Lohith Rama Naik
Harish Ravichandiran
Sahil Kumar Saggar
Ajith Kumar
Sathappa Subramanian

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

Department of Materials Science and Engineering

Master of Engineering

Materials Science and Engineering

Ekaterina Ryabikovskaya

Master of Science

Materials Science and Engineering

Brittany Nicole DeNicholas
Li Cheng Hsiao
Brenden Michael Postma

Jungtaek Son
Jack Ryan Summers

Department of Mechanical Engineering

Master of Engineering

Mechanical Engineering

Alec B. Bagby
Sarah Bailey

Newton Isaac Rufino

Master of Science

Mechanical Engineering

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

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

Chadwick Hunter Dabbs
Krista Renee Moreira
Antonio Santana

Robert Saylor
Charles Andrew Tapp

Department of Nuclear Engineering
Master of Science
Nuclear Engineering

Pramatha Bhat
Danielle South Freyman
Zachary D. Hughes

James Robert Passmore
Thomas B. Vandeveer

Department of Ocean Engineering
Master of Science
Ocean Engineering

Brandon David Roth

Department of Petroleum Engineering
Master of Science
Petroleum Engineering

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

Eduardo Orozco Morales
Qingjia Song
Dinghan Wang

School of Law
Presented by Mr. Robert B. Ahdieh, Dean
Master of Laws
Laws

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

Karsten Mock
Marquice D. Robinson
Whitney L. Whitehead

53
Master of Legal Studies

Legal Studies

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

School of Medicine

Presented by Dr. Amy L. Waer, Dean

Master of Science

Education for Health Care Professionals

Kevin Edward Schlicksup
Natalie Matthews Washburn
School of Nursing

Presented by Dr. T. Leann Horsley, Dean

Master of Science in Nursing

Forensic Nursing

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

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

School of Performance, Visualization and Fine Arts

Presented by Mr. Timothy D. McLaughlin, Dean

Master of Science

Visualization

Logan Michael Diebold
Sophie Juang
Hayden Alan Loos
Sarah Elizabeth Luster

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

School of Public Health

Presented by Dr. Shawn G. Gibbs, Dean

Department of Environmental and Occupational Health

Master of Public Health

Occupational Safety and Health

Kyleigh M. Murphy

Department of Epidemiology and Biostatistics

Master of Public Health

Biostatistics

Weiyi Huang
Epidemiology

Josephine Allen                Danielle Joya
Prerana Gurudath                   Chigaekwu Prisca Lekwauwa
Kristen Michelle Hernandez       Hannah Renee Paduch
Reina R. Hingorane               Shelby Alexis Strother
Muhammad Tarequl Islam           Lorenzo Torres, Jr.

Department of Health Policy and Management

Master of Health Administration

Health Administration

Luis A. Molina                        Cathy Tran

Master of Public Health

Health Policy and Management

◊ Alan Edwardo Garcia Martinez      Samantha Pacheco

School of Veterinary Medicine and Biomedical Sciences

Presented by Dr. Michael F. Criscitiello, Associate Dean

Master of Science

Biomedical Sciences

Brooke Elizabeth Burris             Elyssabeth Vaughn Pratt
Helen Rose Hunter

Department of Veterinary Integrative Biosciences

Master of Science

Biomedical Sciences

Brianna H. Gaston                   Tiffany Michelle Thompson
Robert Kopliku

Science and Technology Journalism

Alyson Chapman                     Benjamin Clark Lacount II

Veterinary Public Health - Epidemiology

Sophie Beatrice Adame             Lauren Elizabeth Cole

◊ Double Degree
Department of Veterinary Large Animal Clinical Sciences

Master of Science

Biomedical Sciences

William David Toronjo

Department of Veterinary Pathobiology

Master of Science

Biomedical Sciences

Max N. Chung
Evan Stuart Jones
Jillian B. Poteet

Department of Veterinary Physiology and Pharmacology

Master of Science

Biomedical Sciences

Caitlin Athena Rose Taruc Libed
Nirvana Mahabir
Sarai M. Milliron

Toxicology

Samera Lemma Mulatu
Latin Honors

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

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

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

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

Honors Stoles

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

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

Ceremonial Mace

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

By Mimms-Dunn

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

Chorus

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

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

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

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

The Association of Former Students 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.