TEXAS A&M UNIVERSITY

Commencement

May 13, 2023, 9 a.m.

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

TEXAS A&M UNIVERSITY COMMENCEMENT

Program

Master's and Doctoral Degree Commencement and Hooding Ceremony

College of Agriculture and Life Sciences
School of Education and Human Development
College of Engineering
School of Nursing
School of Public Health

Saturday, May 13, 2023, 9 a.m.
Reed Arena

Processional

The National Anthem

Invocation

Student Expression of Appreciation

Greetings and Authorization to Confer Degrees

Presentation of Degree Candidates and Conferring of Degrees

Roll Call of Graduates

Induction into The Association of Former Students

"The Spirit of Aggieland"

Recessional

Faculty Marshals

Mace Bearer
Dr. Nagamangala K. Anand, Vice President for Faculty Affairs
Stage Party
Dr. Julie F. Harlin, Associate Dean for Graduate and Professional School
Mr. Mark C. Gleason, Graduate Records Project Coordinator for Graduate and Professional School
Ms. Venesa Heidick, Registrar
Announcers
Mr. Steve Fullhart, Manager, Brazos Valley Economic Development Corporation
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. Demetrius L. Harrell, Jr. (Student Regent) . . . . . Palatka, Florida

Chancellor

Mr. John Sharp . . . . . Placedo

Texas A&M University Administrative Officers

President . . . . . Dr. M. Katherine Banks
Provost (interim), Vice President for Academic Affairs and Chief Academic Officer . . . . . Dr. Alan R. Sams
Dean, College of Agriculture and Life Sciences . . . . . Dr. Jeffrey W. Savell
Dean, School of Architecture (acting) . . . . . Dr. Patrick C. Suermann
Dean, College of Arts and Sciences (interim). . . . Dr. José Luis Bermúdez
Dean, Mays Business School . . . . . Dr. Nate Y. Sharp
Dean, School of Dentistry . . . . . Dr. Lily T. Garcia
Dean, School of Education and Human Development . . . . . Dr. Michael A. de Miranda
Dean, College of Engineering (interim) . . . . . Dr. John E. Hurtado

Dean, Bush School of Government and
Public Service . . . . . .General Mark A. Welsh III (Ret.)
Dean, School of Law and Vice President for
Professional Schools and Programs . . . . . Mr. Robert B. Ahdieh
Dean, School of Medicine . . . . . Dr. Amy L. Waer
Dean, School of Nursing (interim). . . . . Dr. Susan M. McLennon
Dean, School of Performance,
Visualization and Fine Arts (interim) . . . . . Mr. Timothy D. McLaughlin
Dean, Irma Lerma Rangel School of Pharmacy. . . . . Dr. Indra K. Reddy
Dean, School of Public Health . . . . . Dr. Shawn G. Gibbs
Dean, School of Veterinary Medicine and
Biomedical Sciences. . . . . Dr. John R. August
Dean and Chief Operating Officer,
Texas A&M University at Qatar. . . . . Dr. César O. Malavé
Dean, Graduate and Professional School and
Associate Provost (interim) . . . . . Dr. Fuhui Tong
Chief Operating Officer and
Senior Vice President. . . . . Mr. Gregory W. Hartman
Chief Operating Officer and Senior Vice President,
Texas A&M Health. . . . . Dr. Jon E. Mogford
Chief Operating Officer and Vice President,
Texas A&M University at Galveston. . . . . .Colonel Michael E. Fossum (Ret.)
Chief Operating Officer and Vice President,
Higher Education Center at McAllen . . . . . Mr. Manuel M. Vela
Chief External Affairs Officer and Senior Vice President
for Academic and Strategic Collaborations . . . . . .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 and Vice President . . . . . Mr. Kevin P. McGinnis
Executive Associate Vice President for Academic Affairs
and Chief Academic Officer of Texas A&M University
at Galveston and Associate Provost. . . . . .Dr. Deborah Thomas
Vice President and
Associate Provost for Diversity . . . . . .Dr. Annie S. McGowan
Vice President for Brand and
Business Development . . . . . Mr. Shane Hinckley
Vice President for University Advancement . . . . . .Mr. Andy Acker
Vice President and Deputy CFO . . . . . .Mr. Joseph P. Pettibon II
Vice President for Facilities, Safety,
and Security . . . . . Mr. Stephen B. Franklin
Vice President for Faculty Affairs . . . . . Dr. Nagamangala K. Anand
Vice President for Government Relations . . . . .Mr. Norman R. Garza, Jr.
Vice President for Human Resources and
Organizational Effectiveness . . . . . Mr. Damon Slaydon
Vice President for Research . . . . . Dr. Jack G. Baldauf
Vice President for
Student Affairs . . . . . .Brigadier General Joe E. Ramirez, Jr. (Ret.)
Vice Provost of Student Success. . . . . Dr. Timothy P. Scott
University Librarian and Assistant Provost,
Texas A&M University Libraries . . . . . Ms. Julie A. Mosbo Ballestro
Commandant of the
Corps of Cadets . . . . . Brigadier General Patrick R. Michaelis (Ret.)

Candidates for Doctoral Degrees

Presented by Dr. Fuhui Tong
Interim Associate Provost and Dean

Graduate and Professional School

College of Agriculture and Life Sciences

Doctor of Philosophy

Suleiman Abdullah S Althawab . . . . . Food Science and Technology
Dissertation: "Thermal Stability of Starch-Proanthocyanidin Complexes"
Chair: Joseph M. Awika

Samuel Dominic Annor . . . . . Food Science and Technology
Dissertation: "Development and Characterization of Selective and Differential Culture Medium for the Poultry Transmitted Pathogen, *Escherichia albertii*"
Chair: Thomas Taylor

Bridgett Marie Benedict . . . . . Wildlife and Fisheries Sciences
Dissertation: "Physiological and Behavioral Costs and Consequences of Fly (Diptera) Exposure for Moose (*Alces alces*)"
Chair: Peregrine S. Barboza

Jonathan Christopher Caples . . . . . Horticulture
Dissertation: "Edible and Ornamental Pollinator-Attracting Companion Plantings Effects on Crop Yield, Aesthetic Appearance, and Consumer Appeal of Container Modules"
Chair: Michael Arnold

Maria Joselyn Castellon Chicas . . . . . Food Science and Technology
Dissertation: "Human Clinical Pharmacokinetics of Cranberry (*Vaccinium macrocarpon*) Polyphenols and Anti-Inflammatory Properties"
Chair: Susanne Talcott
Co-Chair: Stephen T. Talcott

Xiao-Ru Chen . . . . . Biochemistry
Dissertation: "Biophysics of Phospholipid Exchange Cycle and Pin1-Mediated Regulation of Kinases"
Chair: Ping He

Catherine Danmaigona Clement . . . . . Plant Breeding
Dissertation: "Breeding for Broad-Host Resistance of Fusarium Wilt in Cotton"
Chair: Jane Dever
Co-Chair: Steven S. Hague

Neha Deshpande . . . . . Biochemistry
Dissertation: "Transcriptional Regulation by Set1-Catalyzed H3K4 Methylation in *S. cerevisiae*"
Chair: John Mullet

William George Dodge . . . . . Plant Breeding
Dissertation: "Digital Phenotyping in Cotton Breeding Using Growth Rate Modeling Based on Visible Light Data Collected With Unmnanned Aerial Systems"
Chair: Jane Dever
Co-Chair: Steven S. Hague

Audrey Leah Earnhardt . . . . . Physiology of Reproduction
Dissertation: "Methylomic and Transcriptomic Analysis of Genes in Stress Axis Tissues of Mature Brahman Cows Exposed to Prenatal Transportation Stress"
Chair: Thomas Welsh
Co-Chair: Ronald Randel

Kaitlin Mckenzie Epperson . . . . . Physiology of Reproduction
Dissertation: "Modulation of Ovarian Physiology Elicited by Immune System Response to Pre-Breeding Vaccination in Beef Cattle"
Chair: George A. Perry

Melanie Florkowski . . . . . Ecology and Evolutionary Biology
Dissertation: "Interactions Between Avian Behavior and Microbiomes"
Chair: Jessica L. Yorzinski

Jake Michael Gendron . . . . . Plant Breeding
Dissertation: "The Assessment and Selection of Fiber Related Traits to Improve Fiber Strength and Length"
Chair: C. W. Smith
Co-Chair: Eric Hequet

Kayla Anderson Glockzin . . . . . Biochemistry
Dissertation: "Kinetic Characterization and Inhibition of Trypanosomal Purine Phosphoribosyltransferases"
Chair: Frank Raushel

Valerie Renee Holmes . . . . . Entomology
Dissertation: "The Red Imported Fire Ant *Solenopsis invicta* and its Natural Enemy *Solenopsis invicta* Virus-3: Interactions with the Host and Prospects for the Future of Fire Ant Biological Control"
Chair: J. Johnston

Mitchell Allen Kent . . . . . Plant Breeding
Dissertation: "Assessment of Genomic Prediction for Sorghum Seed Parent Evaluation"
Chair: William L. Rooney

Sarah E. Kezar . . . . . Agronomy
Dissertation: "Multi-Tactic Approaches to Target Palmer Amaranth (*Amaranthus palmeri* S. Watson) In Cotton (*Gossypium hirsutum* L.)"
Chair: Muthukumar V. Bagavathiannan

Alexander Hendrix Kiser . . . . . Wildlife and Fisheries Sciences
Dissertation: "Using Species Distribution Models and Machine Learning to Determine Range Extent, Reduction, and Expansion of Unionid Freshwater Mussels"
Chair: Roel R. Lopez
Co-Chair: Charles Randklev

Austin Casey Lamb . . . . . Biochemistry
Dissertation: "Bioenergy Sorghum's Roots: A Key to Tomorrow's Sustainable Biomass Production on Annual Cropland"
Chair: Paul Straight

Chin-Ling Lee . . . . . Agricultural Leadership, Education, and Communications
Dissertation: "Factors Influencing Agricultural Extension Agents' and Specialists' Adoption of and Intention to Promote Precision Agriculture"
Chair: Robert L. Strong

Michael Wrather David McCloy . . . . . .Ecology and Evolutionary Biology
Dissertation: "Linking Thresholds in Avian Body Condition and Habitat Usage to Short and Long Term Climatic Events"
Chair: Jacquelyn K. Grace

Joshua Everett Meehan . . . . . Genetics and Genomics
Dissertation: "The Role of the Essential Helicase Complex REH2C In *T. brucei* Mitochondria RNA Editing"
Chair: Jorge Cruz-Reyes

Brendan William Mormile . . . . . Plant Pathology
Dissertation: "Tal Effector Adaptation and Virulence Evolution in Bacterial Blight of Cotton"
Chair: Libo Shan

Ji Won Nam. . . . . .Recreation, Park and Tourism Sciences
Dissertation: "The Roles of Community Resources and Participation in Organized Activities to Promote Physical Activity Among Low-Income Children"
Chair: David Matarrita Cascante

Jean Anne Parrella . . . . . Agricultural Leadership, Education, and Communications
Dissertation: "Comparing the Social Acceptance of Novel Agri-Food Technologies: A Randomized, Controlled Experiment to Investigate the Effects of Information Treatments Delivered via Voluntary Food Labels on Consumers' Acceptance"
Chair: Holli R. Leggette

Yushu Qin . . . . . .Nutrition
Dissertation: "A Novel PPARΓ-B-Catenin Signaling in Placenta Development, Regarding Preeclampsia"
Chair: Linglin Xie

Rahul Raman . . . . . Agronomy
Dissertation: "Investigation of Winter Wheat Leaf Rust Disease and Soil Background Effects on Vegetation Indices Estimated Using Proximal and Unmanned Aerial System (UAS) Based Remote Sensing Data"
Chair: Nithya Rajan
Co-Chair: Haly L. Neely

Barbara Rodrigues . . . . . Plant Pathology
Dissertation: "The Role of Plant Endogenous Peptides in Cell Death Regulation"
Chair: Libo Shan

Sayantan Samanta . . . . . .Water Management and Hydrological Science
Dissertation: "Assessing Ecosystem Service Benefits of Improved Soil Management Practices at the Field and Watershed Scales"
Chair: Srinivasulu Ale
Co-Chair: Cristine L. Morgan

Shilpa Singh . . . . . Agronomy
Dissertation: "Phosphite Fertilization for Weed Suppression in PTXD Cotton"
Chair: Muthukumar V. Bagavathiannan

Natalia Isabel Valdez-Gonzalez . . . . . Agricultural Economics
Dissertation: "Bringing Social Behavior to Light: Essays on the Heterogeneous Effects from Social Status and Preferences"
Chair: Marco Palma

Maureen Victoria . . . . . Agricultural Leadership, Education, and Communications
Dissertation: "School-Based Welding Course Learning and Self-Determination Support Interventions for Students With Developmental Disabilities"
Chair: Timothy H. Murphy
Co-Chair: Holli R. Leggette

School of Education and Human Development

Doctor of Education

Ikhlas A. Ahmad. . . . . Curriculum and Instruction
Record of Study: "Using Glocalization to Improve Student Engagement in Qatari Primary Schools"
Chair: Radhika Viruru
Co-Chair: Zohreh Eslami

Virginia Armstrong . . . . . Curriculum and Instruction
Record of Study: "Family-Teacher Conferences: Teacher Perspectives of Family Engagement Efficacy and Family-Teacher Communication Practices"
Chair: Michelle M. Kwok
Co-Chair: Radhika Viruru

Alison Jeanne Frary . . . . . Educational Administration
Record of Study: "Disproportionate Discretionary Discipline in Texas Secondary Schools"
Chair: Daniel H. Bowen

Kristopher John Fuller. . . . . Curriculum and Instruction
Record of Study: "Pedagogical Content Knowledge of Elementary Math Teachers"
Chair: Robert Capraro
Co-Chair: Mary Capraro

Dimitri Daniel Garcia . . . . . Curriculum and Instruction
Record of Study: "A Study of Successful Practices for Emergent Bilingual Students"
Chair: Radhika Viruru
Co-Chair: Monica V. Neshyba

Christian Rauch . . . . . Educational Administration
Record of Study: "Middle School Administrators' Perceptions of the Experiences and Treatment of LGBTQ+ Students"
Chair: Jean Madsen

Christopher Rhoades. . . . . Curriculum and Instruction
Record of Study: "Improving the Implementation of Technology, TPACK, and Teacher Self-Efficacy Within Secondary Mathematics Instruction Through Targeted Professional Development"
Chair: Karen E. Rambo
Co-Chair: Mary Capraro

Doctor of Philosophy

Rafael Roberto Almanzar . . . . . Educational Administration
Dissertation: "The Experiences of Latinx STEM Doctoral Students with White Faculty STEM Mentors at Predominantly White Institutions"
Chair: Christine A. Stanley

Bruce David Palmenberg Brown . . . . Educational Human Resource Development
Dissertation: "Virtual Volunteer Fundraising Experience in a Nonprofit Organization: A Grounded Theory Study"
Chair: Jia Wang

Angela Diane Calise. . . . . Educational Administration
Dissertation: "The Experiences of Higher Education Leadership Elites With Duty of Care for Minoritized Populations on College and University Campuses"
Chair: Christine A. Stanley

Rudney Danquah. . . . . Counseling Psychology
Dissertation: "Examining the Moderation Effect of Mental Health Help-Seeking Behaviors on Burnout, Depression, and Disengagement Among Racial Justice Activists in College"
Chair: Linda Castillo

Karla Adelina Garza . . . . . Curriculum and Instruction
Dissertation: "Migrant Students Following the Crops, Teachers Following Their Students: A Narrative Inquiry Into Two Migrant Children Who Became Teachers"
Chair: Lynn Burlbaw

Chad Alan Huckaby . . . . . Curriculum and Instruction
Dissertation: "Examining Algebra Achievement in Rural Texas Schools: The Role of Student Demographics and Per Student Spending"
Chair: Mary Capraro
Co-Chair: Robert Capraro

Marigold Mai Hudock. . . . . Educational Administration
Dissertation: "How Higher Education Officials Apply Title IX Policies to Address Sexual Violence Against Transgender Women of Color"
Chair: Chayla Haynes Davison

Ashley Hannah Majzun . . . . . Educational Psychology
Dissertation: "Comparing Meta-Analytic Structural Equation Modeling Approaches Across Model Assumptions Using an Empirical Example"
Chair: Christopher G. Thompson
Co-Chair: Oi-Man Kwok

Elham Nikbakht . . . . . Educational Psychology
Dissertation: "Exploring the Interplay of Translanguaging: Interactions of Bilingual Students and Their Family Members During Literacy-Infused Science Activities"
Chair: Fuhui Tong
Co-Chair: Rafael Lara-Alecio

Zahra Sharifzadehsaraei . . . . . Kinesiology
Dissertation: "Selling Empowerment: Understanding Femvertising in the Sport Market"
Chair: Natasha T. Brison

Sehrish Shikarpurya. . . . . Educational Psychology
Dissertation: "Disrupting the Transition Paradigm: Redefining Transition to Adulthood for South Asian Families of Children With Intellectual and Developmental Disabilities"
Chair: Carly B. Gilson

Joseph S. Webster . . . . . Curriculum and Instruction
Dissertation: "Research Trajectories in Mathematics Education"
Chair: Roger Howe

Xuan Zhou. . . . . Educational Psychology
Dissertation: "Professional Development, School Climate, And Teacher Social-Emotional Competence: Factors Contribute To Teachers' Sense Of Efficacy In Serving Students Of English Learners"
Chair: Yolanda Padron

College of Engineering

Doctor of Philosophy

Haydar Tahseen Ali Al-Khayat . . . . . Civil Engineering
Dissertation: "Performance Evaluation Methods for Balanced Design of Asphalt Mixtures"
Chair: Amy E. Martin
Co-Chair: Edith Arambula Mercado

Mesaad W S Y Albader . . . . . Electrical Engineering
Dissertation: "Condition Monitoring and Fault Diagnosis of Electrical Submersible Pumps Motor Drive Including Long Cable"
Chair: Hamid Toliyat

Hamed Alikhani. . . . . Interdisciplinary Engineering
Dissertation: "Data-Driven Approaches to Enhancing Highway Project Time Estimation"
Chair: Ivan Damnjanovic
Co-Chair: Hyungseok D. Jeong

Jack Metri AlTwal. . . . . Chemical Engineering
Dissertation: "The Influence of Particle Size on Sulfur Dust Explosion Properties"
Chair: Luc N. Vechot
Co-Chair: Patrick Linke

Ahmed Sherif ElSayed Mohamed Badreldin. . . . . Chemical Engineering
Dissertation: "Direct Seawater Electrolysis Towards Near-Neutral pH Green Hydrogen Production"
Chair: Ahmed I. Abdel-Wahab
Co-Chair: Perla Balbuena

Akanksha Baranwal. . . . . Aerospace Engineering
Dissertation: "Mach Number and Thermal Effects in Wall-Bounded Compressible Turbulent Flows Using High-Resolution Direct Numerical Simulations"
Chair: Diego A. Donzis

Oscar Ryan Benavides. . . . . Biomedical Engineering
Dissertation: "Quantitative Monitoring of Microcarrier-Based Stem Cell Cultures via Light-Sheet Imaging and Image Analysis"
Chair: Alexandra J. Walsh

Adelaide Maria Bradicich. . . . . .Materials Science and Engineering
Dissertation: "Electrothermally-Induced Spatial Inhomogeneities in Nonlinear Electronic Materials"
Chair: Patrick J. Shamberger

Christopher Scott Campbell . . . . . .Mechanical Engineering
Dissertation: "Investigation of Nanosecond-Pulsed Plasma Initiation Phenomena in Liquids"
Chair: David Staack

Gino Augusto Chacon . . . . . .Computer Engineering
Dissertation: "Processor Memory System Design for Performance and Security"
Chair: Paul Gratz

Aditya Chakravarty . . . . . .Petroleum Engineering
Dissertation: "Unsupervised Learning-Based Analysis of Hydraulic Fracturing-Induced Seismicity"
Chair: Siddharth Misra

Po-Hsuan Chang . . . . . .Electrical Engineering
Dissertation: "Design of Wavelength Division Multiplexing Optical Interconnect Systems with Advanced Heterogeneous Integration"
Chair: Samuel M. Palermo

Fangxuan Chen. . . . . .Petroleum Engineering
Dissertation: "Investigation of Fluid Phase Behavior in Shale Reservoirs Using Equation of State, Molecular Simulation, and Machine Learning"
Chair: Hadi Nasrabadi

Gecheng Chen. . . . . Industrial Engineering
Dissertation: "Data-Efficient Design and Analysis Methodologies for Computer and Physical Experiments"
Chair: Rui Tuo

Chih-Shen Cheng . . . . . Civil Engineering
Dissertation: "Post-Disaster Damage Assessment with Artificial Intelligence and Uncertainty Quantification"
Chair: Arash Noshadravan
Co-Chair: Amir Behzadan

Josh A. Cherian. . . . . Computer Science
Dissertation: "Towards Actualizing Real-World Human Activity Recognition for Elderly Care"
Chair: Tracy Hammond

Lydia Elaine Deborah Colvin. . . . . Biomedical Engineering
Dissertation: "A Red-Excitable, Fluorescence Intensity-Based Glucose Sensing Assay for a Proposed Fully Injectable Biosensor"
Chair: Gerard Cote

Christian Laurence DeBuys . . . . . .Mechanical Engineering
Dissertation: "Design and Redundant Control of Limited-Use Tendon-Driven Continuum Manipulators with a Passive Proximal Section"
Chair: Gholamreza Langari

Alexander Robert Demblon . . . . . .Materials Science and Engineering
Dissertation: "Optimizing Actuation Fatigue Performance of NiTiHf High Temperature Shape Memory Alloys"
Chair: Ibrahim Karaman

Yvonne Chantal Dieudonne. . . . . .Materials Science and Engineering
Dissertation: "An Investigation of Crack Initiation and Propagation During Nanoindentation of Silicate Glasses"
Chair: George M. Pharr

Steven Michael Doria. . . . . Chemical Engineering
Dissertation: "Novel On-Chip Raw Sample Preparation for Biomolecular Sensing Via Teichophoresis"
Chair: Zachary Gagnon

Zichen Du . . . . . .Mechanical Engineering
Dissertation: "Design of Efficient Catalysts and Mechanism Study for Photothermochemical Dry Reforming of Methane"
Chair: Ying Li

Tarik Dzanic . . . . . Ocean Engineering
Dissertation: "Advancing the Applicability and Robustness of High-Order Discontinuous Spectral Element Methods"
Chair: Freddie D. Witherden

Francisco Abram Espinal . . . . . .Electrical Engineering
Dissertation: "Impact of Origami-Inspired and Pattern Reconfigurable Antennas on Direction-of-Arrival Estimation"
Chair: Gregory Huff
Co-Chair: Srinivas Shakkottai

Kameron J. Eves . . . . . Aerospace Engineering
Dissertation: "Multiple-Timescale Adaptive Control for Uncertain Nonlinear Dynamical Systems"
Chair: John Valasek

Cheng Fang . . . . . Electrical Engineering
Dissertation: "Dual-Modal and Dual-Sensing-Mechanism (DMDSM) Acoustic Sensors for Robotic Ranging and Material Differentiation"
Chair: Jun Zou

Yadong Guo . . . . . Civil Engineering
Dissertation: "Energy-Based and Micromechanics Models on the Prediction of Distresses in Flexible Pavements"
Chair: Bjorn Birgisson
Co-Chair: Dallas Little

Taekwang Ha . . . . . Interdisciplinary Engineering
Dissertation: "On Measuring, Prediction and Control of 3D Profile Bending Towards Industry 4.0"
Chair: Jyhwen Wang

Jeongwoo Han . . . . . Biological and Agricultural Engineering
Dissertation: "Uncovering Drought Causative Mechanisms to Develop Long-Lead Drought Forecasting Using Entropy and Scientific Machine Learning Models for the Continental U.S."
Chair: Vijay Singh

Laura Rochelle Hawkins . . . . . Nuclear Engineering
Dissertation: "Radiation Response and Corrosion Behavior of High-Throughput Additively Manufactured 316L Stainless Steel Doped with Hafnium"
Chair: Lin Shao

Pingfan Hu . . . . . Chemical Engineering
Dissertation: "Integration of Simulation and Deep Learning in Health and Safety"
Chair: Qingsheng Wang

Jianxin Huang . . . . . Civil Engineering
Dissertation: "Mechanical Properties and Mechanism Studies of Stabilization of Siliceous and Calcareous Subgrade Soils with Polyelectrolytes"
Chair: Dallas Little
Co-Chair: Eyad Masad

Garrett Anthony Jares . . . . . Aerospace Engineering
Dissertation: "Control Acquisition Attack of Feedback Control System by False Data Injection"
Chair: John Valasek

Peng Jiang . . . . . Mechanical Engineering
Dissertation: "Sensors and Data: Representation to Semantics to Deep Features"
Chair: Srikanth Saripalli

Yuteng Jin . . . . . Petroleum Engineering
Dissertation: "Characterization and Control of Crack Propagation and Coalescence"
Chair: Siddharth Misra

Colson Johnson. . . . . Chemical Engineering
Dissertation: "On the Improvement of Experimental Ignition Studies as They Pertain to Industrial Fire Safety"
Chair: Chad V. Mashuga

Ozge Kaynan . . . . . .Materials Science and Engineering
Dissertation: "Engineering the Microstructure of Carbon Fiber-Reinforced Polymer Composites by Cellulose Nanocrystal–Carbon Nanomaterials"
Chair: Amir Asadi

Dohyun Kim . . . . . Chemical Engineering
Dissertation: "Nanostructured Electrodes for Hydrogen Fuel Cells and Nanostructured Electrolytes for Lithium Metal Batteries: Impact of Nanostructure on Performance"
Chair: Yossef A. Elabd

Anil Korkmaz . . . . . .Electrical Engineering
Dissertation: "Memristor-Based Crossbar Applications in Machine Learning and Analog Circuit Design"
Chair: Samuel M. Palermo

Vrushali Sandeep Kotasthane . . . . . .Materials Science and Engineering
Dissertation: "Development of Safer and Scalable Methods for Etching MAX Phases to MXenes"
Chair: Miladin Radovic

Serhii Kryvenko . . . . . .Petroleum Engineering
Dissertation: "Multi-Scale Physics-Based Numerical Modeling of Hydraulic Fracturing Treatment for Unconventional Shale Reservoirs"
Chair: George J. Moridis
Co-Chair: Thomas A. Blasingame

Edwin David Lavi . . . . . Chemical Engineering
Dissertation: "Investigating the Impact of Refrigeration and Autologous Transfusions on Human Red Blood Cell Electrical Properties Using Dielectrophoresis and Inductively Coupled Mass Spectroscopy"
Chair: Zachary Gagnon

Lianlian Liu. . . . . .Materials Science and Engineering
Dissertation: "The Effect of Hydrogen Sulfide on Hydrogen Permeation in High-Strength Low-Alloy Carbon Steel C110"
Chair: Raymundo P. Case

Megan Hope Makela . . . . . .Materials Science and Engineering
Dissertation: "Nanostructured Photonic Chips for High Throughput Biomolecule Sensing"
Chair: Pao Tai Lin

Mykyta Makovenko. . . . . Industrial Engineering
Dissertation: "Higher-Order Continuous Formulations for Discrete Optimization Problems"
Chair: Sergiy Butenko

Jonathan Anthony Martinez . . . . . Computer Science
Dissertation: "Confidence-Aware Physiological Parameter Estimation: A Case Study on Cuffless Blood Pressure Monitoring"
Chair: Roozbeh Jafari

Marco Concepcion Martinez . . . . . .Materials Science and Engineering
Dissertation: "Evolution of Microstructure During Processing of Silicon Carbide Based Ceramic Matrix Composites"
Chair: Miladin Radovic

Deanroy Mbabazi. . . . . .Biological and Agricultural Engineering
Dissertation: "Coupling of the Terrestrial Carbon, Water, and Energy Cycles from the Field to Satellite Footprint Scale"
Chair: Binayak Mohanty

Negar Mohammadgholibeyki . . . . . Civil Engineering
Dissertation: "Evaluating Post-Earthquake Functional Recovery of Critical Buildings Accounting for Lifelines' Restoration"
Chair: Maria Koliou

Mohammed Sadaf Monjur . . . . . Chemical Engineering
Dissertation: "Integrated Process and Molecular Design for Ionic Liquid Solvent-based Process Intensification"
Chair: M M Faruque Hasan

Christopher M. Montez. . . . . .Mechanical Engineering
Dissertation: "Assisted Shortest Path Problems and Global Optimization of Mixed-Integer Nonlinear Programs with Trigonometric Functions"
Chair: Dvahg Swaroop
Co-Chair: Sivakumar Rathinam

Elias Jacob Munoz III. . . . . .Materials Science and Engineering
Dissertation: "Phase-Field Model of the Silicon Carbide System"
Chair: Raymundo Arroyave

Abhishek Nayak. . . . . .Mechanical Engineering
Dissertation: "Planning and Vision Based Methods for Autonomous Vehicles"
Chair: Sivakumar Rathinam

Kevin Deshannon Nixon. . . . . Chemical Engineering
Dissertation: "Poly(ionic liquid) Star Polymers and Block Copolymers"
Chair: Yossef A. Elabd

Kwanghae Noh. . . . . .Materials Science and Engineering
Dissertation: "Structure-Property Relationship of Polypropylene and Brominated Flame Retardant Blends"
Chair: Hung-Jue Su

Daniel Orea . . . . . .Mechanical Engineering
Dissertation: "Experimental Analyses of Internal Pressure and Temperature Measurements in an Annular Wrapped Screen Wick Heat Pipe"
Chair: Nagamangala Anand
Co-Chair: Yassin Hassan

Miguel Fernando Ortiz Cahun . . . . . Civil Engineering
Dissertation: "Masonry Components and System Modeling Using the Discrete Element Method"
Chair: Zenon Medina Cetin

Pradeep Parajuli . . . . . .Mechanical Engineering
Dissertation: "Femtosecond Two-Photon Laser-Induced Fluorescence for Temperature and Chemical Species Imaging in Flames"
Chair: Waruna D. Kulatilaka

Junho Park . . . . . Industrial Engineering
Dissertation: "Human Performance Modeling of Upper Limb Prosthetic Devices"
Chair: Maryam Zahabi

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Dissertation: "Adaptive Collocation Methods Using Chebyshev Integration"
Chair: Manoranjan Majji

Madeline McMillan Peck . . . . . Aerospace Engineering
Dissertation: "Efficient Computation of Boundary-Layer Instabilities in Highly Three-Dimensional Flows"
Chair: Diego A. Donzis
Co-Chair: Helen Reed

Chinmoy Kumar Podder. . . . . .Mechanical Engineering
Dissertation: "Femtosecond Laser Assisted Three-Dimensional Printing of Metal at Micro/Nanoscale"
Chair: Heng Pan

Bryton Walters Praslicka . . . . . .Electrical Engineering
Dissertation: "Multi-Physics Modeling and Optimization of Advanced Electric Machinery and Magnetic Gear Development"
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Curran Pathuri Reddy . . . . . .Biomedical Engineering
Dissertation: "A Subject-Specific Biomechanical Modeling Approach to Understanding Sex Differences in Neck Strength"
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Harsha Reddy . . . . . .Petroleum Engineering
Dissertation: "Nanoparticle-Surfactant-Stabilized Nitrogen Foam Using GLDA at High Temperature"
Chair: Hadi Nasrabadi

Shohei Sakaida . . . . . .Petroleum Engineering
Dissertation: "Evaluation of Fracture Stimulation Design Based on Downhole Temperature Interpretation"
Chair: Alfred Hill

Md Nazmus Sakib . . . . . Interdisciplinary Engineering
Dissertation: "The Future Workforce: Exploring the Role of Artificial Intelligence and Technology in Workforce Skilling"
Chair: Theodora Chaspari
Co-Chair: Amir Behzadan

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Dissertation: "Advanced Sensors Coupled with Human Physiology for Cuffless Blood Pressure Monitoring"
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Bajrang Lal Sharma ..... Aerospace Engineering
Dissertation: "Instability and Perturbation Evolution in High Speed Boundary Layers: Flow-Thermodynamic Interactions"
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Yidan Shen ..... Materials Science and Engineering
Dissertation: "Advances of Glucose-Based Polycarbonates: From Fundamentals to Anti-biofouling Applications"
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Shengyi Shi ..... Civil Engineering
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Dissertation: "Investigating Transcriptomic Landscape of Cellular Response to Two-Dimensional Nanomaterials"
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Jinhyun So ..... Computer Engineering
Dissertation: "Techniques for Coverage-Driven Data Prefetching and Hidden Markov Based Prefetch Filtering"
Chair: Mi Lu

Cyril George Soliman ..... Biomedical Engineering
Dissertation: "The Development of a Multi-Modal Raman and Fluorescence Spectroscopic Platform for Point-of-Care Applications"
Chair: Gerard Cote
Co-Chair: Kristen Maitland

Ramin Tafazzoli Mehjardi. ..... Electrical Engineering
Dissertation: "Transmotor-Flywheel Powertrain Assisted by an Ultracapacitor for Vehicle Applications"
Chair: Mehrdad Ehsani

Salar Taghizadeh ..... Mechanical Engineering
Dissertation: "Toward Turbulence Closure Modeling with Data-Driven Techniques"
Chair: Sharath Girimaji

Mattias Abram Turner ..... Mechanical Engineering
Dissertation: "Spherical Flame Front Thickness and Instability"
Chair: Eric Petersen

Matthew Webster Vaughan ..... Materials Science and Engineering
Dissertation: "Process Optimization Strategies for Achieving Microstructural Control and Enhanced Mechanical Performance in Advanced High Strength Steels"
Chair: Ibrahim Karaman

Brandon Kurt Walther . . . . . Biomedical Engineering
Dissertation: "Tools and Methods for Studying Vascular Physiochemical Force Transduction and Mechanobiology"
Chair: Abhishek Jain

Jace Alan Willis . . . . . Biomedical Engineering
Dissertation: "Photodynamic Therapy: Antimicrobial Treatment and Oxidative Disease Model"
Chair: Vladislav V. Yakovlev

Junru Wu . . . . . Computer Science
Dissertation: "Towards Efficient Deep Learning: From Compression, Search to Unification"
Chair: Zhangyang Wang

Xiao Xiao . . . . . Civil Engineering
Dissertation: "Control Strategies for Connected and Automated Vehicles During an Intercity Trip"
Chair: Yunlong Zhang

Shu-Hao Yeh . . . . . Computer Engineering
Dissertation: "Algorithms for Robust Geometry Estimation in AR Applications"
Chair: Dezhen Song

Ju Hee Yeo . . . . . Electrical Engineering
Dissertation: "A Methodology for Determining the Appropriate Level of Power Flow Model Detail"
Chair: Thomas Overbye

Yong Yoo . . . . . Civil Engineering
Dissertation: "Mitigation Strategies for Timber Structures Prone to Wind and Flood Related Hazards"
Chair: Maria Koliou

Jarad Wilker Yost . . . . . Chemical Engineering
Dissertation: "Leveraging Microfluidics and Electrokinetics to Improve Sample Preparation and Biomarker Detection"
Chair: Zachary Gagnon

Laith Jamil Khamees Zaidan . . . . . Nuclear Engineering
Dissertation: "Validation & Sensitivity Study of a 1D Multiphysics Model for Graphite Moderated Molten Salt Reactor (MSRE) Using Gen-Foam"
Chair: Mark Kimber

Zhuoran Zhang . . . . . Chemical Engineering
Dissertation: "Accelerating the Flame Retardant Design: From Small-Scale to Bench-Scale"
Chair: Qingsheng Wang

Zilong Zhang . . . . . Mechanical Engineering
Dissertation: "Multivariable Time-Frequency Stabilization and Tracking of 4-DOF Underactuated Surface Vessels"
Chair: Chii-Der Suh

Chuanqi Zheng. . . . . .Mechanical Engineering
Dissertation: "Towards a Real-World Robotic Swarm: Consensus Decision-Making, Novel Ground Robots, and Human-Swarm Interaction"
Chair: Kiju Lee

School of Public Health

Doctor of Philosophy

Kobi Vanessa Ajayi. . . . . Health Education
Dissertation: "Developing A Culturally Appropriate Perinatal Mental Health Program for Black Mothers with Preterm Birth in The United States: A Mixed-Method Study"
Chair: Whitney R. Garney

Doctor of Public Health

Roaa Sameer A Aggad. . . . . Public Health Sciences
Dissertation: "Scope of Practice, and Certification and Licensure of Medical Assistants in the United States"
Chair: Ellisa Jones-Mckyer
Co-Chair: James Burdine

Amber Foreman Britt. . . . . Public Health Sciences
Dissertation: "Dengue--A Real & Increasing Threat: Mechanistic Modeling, Determinants, & A Framework for Recommendations"
Chair: Rebecca Fischer

Qiping Fan. . . . . Public Health Sciences
Dissertation: "Mental Health Disparities Among Adolescents and Young Adults in the United States"
Chair: Ping Ma

Whitlee Samantha Migl. . . . . Public Health Sciences
Dissertation: "An Investigation of Nature Contact and Health Across Diverse Populations"
Chair: Jason E. Maddock
Co-Chair: Thomas J. McDonald

Wah Wah Myint . . . . . Public Health Sciences
Dissertation: "Exploring Support for Female Survivors of Intimate Partner Violence"
Chair: Ellisa Jones-Mckyer
Co-Chair: Heather R. Clark

Temitope Adegbayi Olokunlade . . . . . Epidemiology and Environmental Health
Dissertation: "An Examination of Incident and Recurrent Fall Risk Among Older Adult Males in the United States"
Chair: Matthew L. Smith

Bangning Zhang. . . . . Epidemiology and Environmental Health
Dissertation: "Analysis of Childhood Cancer's Spatial and Temporal Distributions and Assessing Potential Impacts of Oil and Gas Developments on Childhood Cancer in Texas"
Chair: Xiaohui Xu

Candidates for Master's Degrees

College of Agriculture and Life Sciences

Presented by Dr. Mary E. Bryk, Associate Dean

Department of Agricultural Economics

Master of Agribusiness

Agribusiness

Phyo Htet Aung
Hang Gui
Tsung-Hsun Leu
Rileyanne D. Malone
Daniel Mills
Shelby E. Reine
Caroline Marie Scherer

Master of Science

Agricultural Economics

Joshua I. Buercklin
Tyler Layne Evans
Conner J. Neumann
Micah Q. Trull

Department of Agricultural Leadership, Education, and Communications

Master of Agriculture

Agricultural Development

Zachary Keith Hastedt
Weston Rusel Minzenmayer
Marisa Eve Rhyne

Master of Science

Agricultural Leadership, Education, and Communications

Caitlin Jaye Benge
Megan Lee Gould
Madison Grace Hollier
Karissa L. Palmer
Hannah Kathleen Sims
Kiley Alysse Wieding
Emily Grace Wintermute
Alison S. Wooten
Alexis N. Zickafoose

Department of Animal Science

Master of Agriculture

Animal Science

Ashley Nicole Dibbs
Morgan Ashley Thomas

Master of Science

Animal Breeding

Maria Fernanda Munguia Vasquez

Animal Science

Landon Keith Eldridge
Taylor A. Gilcrest
Camryn Dreama Granger
Kaylee G. Greiner
Jessica L Simons

Physiology of Reproduction

Alyx J. Staples

Department of Biological and Agricultural Engineering

Master of Science

Agricultural Systems Management

Eunice Luna Arzadon
Aaron Michael Dumas
Luis Eduardo Fonseca
Fernando Jose Munoz

Department of Ecology and Conservation Biology

Master of Science

Ecology and Conservation Biology

Tyler James Lamb

Ecosystem Science and Management

Holly Francine Henderson

Department of Entomology

Master of Science

Entomology

Amy Jean Dickerson

Department of Food Science and Technology

Master of Science

Food Science and Technology

Barsha Bastola
Ganga Kumari Sah

Department of Nutrition

Master of Clinical Nutrition

Clinical Nutrition

Addison B. Southers

Olivia Hiu Young

Master of Science

Nutrition

Jenna B. Goulart

Nicole Virginia Ochel

Ziru Niu

Department of Plant Pathology and Microbiology

Master of Science

Plant Pathology

Nicholas Gregory Farmer

Department of Poultry Science

Master of Agriculture

Poultry Science

Alisa L. Light

Master of Science

Poultry Science

Micah Shane Osburn

Department of Rangeland, Wildlife and Fisheries Management

Master of Natural Resources Development

Natural Resources Development

Anita Chase Hoskins

Jared A. Mcelhany

Master of Science

Rangeland, Wildlife and Fisheries Management

Jared Blaise Schlottman

Wildlife and Fisheries Sciences

Xenia Lakshmi Rangaswami
Mycha Ashlee Van Allen

Master of Wildlife Science

Wildlife Science

Jordan M. Guthrie
Allen Jeffrey Sohn
Shelby Lynn Wallace
Kyle J. Watter

Department of Recreation, Park and Tourism Sciences

Master of Recreation and Youth Development

Recreation and Youth Development

Katelyn L. Bertelson
Trey R. Dillard
Paige J. Lauri
Marleigh Jeanette Traylor

Master of Science

Recreation, Park and Tourism Sciences

Luke Curtis Holland
Zachary Lawrence Kocurek
Kelly Marie Nelson
Ashley Elizabeth Waldon

Department of Soil and Crop Sciences

Master of Science

Agronomy

Kisman Bhattarai
Gustavo Camargo Silva
Jose Raul Diaz
Morgan N. Mcculloch

Plant Breeding

Jonathan B. Huynh
Fabian Leon
Alexis Schultz

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

Chelsy Leigh Allen
Jeff Edward Allensworth
Brittany Nicole Clavette
Austin Sumner Cooper
Joshua Daigle
Lisa Favre
Stephanie Ann Giuseppetti
Keyla A. Gutierrez
Alaina Lashawn Haley
Baelye Hutto
Miles Michael Lacy
Cassidy Ashley Machacek
Margaret Marie Marrs
Anna Louise Mazzei
Tyler Shane Pierson
Ernesto Alberto Salinas
Weston John Scholten
Matthew Miller Speight
Jennifer Cosper Webb
Kendall Anne Zurbuchen

Master of Science

Educational Administration

Karla Ivette Alvarez
Yolanda Bunsie
Cecilia Castillo
Lamont Cedric Davis
Bridget Renae Duignan
Brooke Errington
Maritza Garza
Courtney Shelaine King
Dillon S. Linder
Victoria Nicole Margo
Timoteo Alan Modrow
Veronica Palomo
Rebecca I. Rodriguez
Jacqueline Alexandra White
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Educational Human Resource Development

Stephanie Lynn Britt
Noah Ceballos
Sydney Michelle Harris
Lisa Ann Lucas
Angela Gail Mccormick
Kimberly Jaye Page
Andrew T.C. Rankin
Megan Nicole Wilkinson
Antonio Orlando Zamora

Department of Educational Psychology

Master of Education

Bilingual/ESL Education

Magda Marilyn Cuello
Cynthia Enid Garcia
Kimberly Aimee Garcia
Rosa Guadalupe Gonzalez
Amandy C. McLain
Margarita Maria Oliveros Cruz
Blanca Elia Palacios
Lizeth Parra
Paulina Trevino

Educational Psychology

Molly Baca
Judith Alejandra Barrera
Peyton Cheyenne Black
Jessica Lauren Cohen
Anaisa Natali Garza
Stephany Ruby Gonzalez
Kelcy Reagan Guebard
Nyia R. Hamilton
Lindsey Harbison
Alyssa Rae Hernandez
Erika Miles Huggins
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Audrey Irwin
Inaara Sadruddin Jivani
Sarah Raber Kennedy
Kevin Lenker
Caiyu Liang
Selissa Lynette Lopez
Jenna Martinez
Shannon Michelle Mehaffey
Carrie Lynn Mitchell
Katherine Nicole Montelongo
Kathryn Cameron Musser
Sydney Lynn Pimentel-Rushing
Kourtney Elaine Ponson
Kaitlyn Nicole Pruet
Maegan Rae Ralston
Adrienne Lee Randle
Sarra Theresa Regimand
Ashley N. Rockwood
Iveth Rodriguez
Fatima Saadeh
Magdalena San Roman Rivera
Cassidy M. Schiefelbein
Mandalyn S. Sills
Jennifer Lake Stiles
Cheryl Sara Varghese
Mingyue Wang
Natalie Rose Windolph
Faith A. Wood

Learning Design and Technology

Emily Marie Breiten
James R. Cobb, Jr.
Ashley Elizabeth Corn
Ana Gonzalez
Aracely Hernandez
Olga Galvan Idrogo
Cassidy Nicole Ragle
Evija Rucevska
Phillip Christopher Sandifer
Timothy James St. Martin
Kaitlynn Michelle Toorcana

Special Education

Jordan Rae Adams
Caitlin Bayer
Krystin Lakaye Broaddus
Ashley Katherine Brooks
Katelyn Leigh Diviney
Carly Paige Elbrecht
Danielle Don Ewing
Candis Lee Firchau
Hayley Hammons Fitch
Morgan E. Fletcher
Lillianna R. Garcia
Katelyn Hoppe
Hannah Elizabeth Kinkead
Daniele Lara
Khanh Le
Ruth Losa
Olivia Kathryn McAndrew
Ann Marie Mustacchia
Shafqat A. Oriyomi
Katalina Louise Ortiz
Elaine Rana Owens
Abigail Rachel Panak
Abby Elizabeth Rankin
Quincy Marie Richerson
Jacqueline Suzanne Schimank
Diana Schlotterbeck
Madison Rae Stewart
Katheryn Erby Sullivan
Julie Trawitzki

Master of Science

Special Education

Margaret M. Colville

Department of Kinesiology and Sport Management

Master of Science

Athletic Training

Rebekah M. Anderson
Jack Broaddus
Javon X. Eaton
Jacqueline Marie Gonzalez
◊ Grace PongNea Gorman
Sareya Joyce Harvey
◊ Ashton Alexander Heitz
Madison A. Kinsey
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◊ Sarah Ashley Nichols
◊ Samuel Okley Smith
John Henry Walsh
Jamie Alexander Welin

Kinesiology

Logan Shawn Aitken
Bailey Deering
Logan J. Miller
Breona RaNee Moses
Aaron Riviere
Alison Marie Wenzel Soltis
Mitxel Baum Totorica
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Sport Management

Deborah Acquah
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Tempel Espegard Ransdell
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Department of Teaching, Learning and Culture

Master of Education

Curriculum and Instruction

Taylor Ashlyn Bakke
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Abigail K. Bristow
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◊ *Double Degree*

Jessica Rosario
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College of Engineering

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Master of Science

Energy

Maria Beatriz Aguilar
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Ephraim Paulos Gulilat
Naqiyyah Kimuli Nakimuli
Jonathan Kenneth O'Hara
Sandra Johanna Vargas Silva

Department of Aerospace Engineering

Master of Engineering

Aerospace Engineering

Chirag Agile
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Aerospace Engineering

Caleb Addison Bryan
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Department of Biological and Agricultural Engineering

Master of Science

Biological and Agricultural Engineering

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Junrui Zhang

Department of Biomedical Engineering

Master of Engineering

Biomedical Engineering

Erika Katherine Bodwell
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Garrett Michael Cooper
Isabella Anne Couture
Jacob Cruz
Dominic Hayden DeBerardino
Michael T. Fink
Gunner Austin Fussell
Ricky Lee
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Jesus Joseph Mckinnon
Ruby Elizabeth Nicholson
Rishi Divyakant Vakharia

Department of Chemical Engineering

Master of Biotechnology

Biotechnology

Anwesha Barik
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Saipriyanka Ganapathy Raja
Naveen Vinod Gokarn
Esheksha Gundre
Adiba Halim
Matthew T. Hoffman
Venkata Sai Vashishta Kolla
Roshana Krishnamurthy
Fuada Mariyam
Advaidhaa Nagarajan
Akshaya Narayanan
Gisselle Padilla-Ramirez
Sathvik V. Patchametla
Shreya Ramanarayanan
Raghav Sehgal
Abhideep Sinha
Sheetal Veera Pandian
Kyle C. Zhu

Master of Engineering

Chemical Engineering

Bryce Allison
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Sagar Vinod Lakhwani
Wesam M. Lyzzaik
Errol Winston Mascarenhas
Shanez Nizarali Momin
Omkar Arun Newalkar
Navya Pabba
David Venkat Yenugula

Master of Science

Chemical Engineering

Ashwin Rajendra Acharya
Siddhesh Shirish Borkar
Tamunoemi Opakirite Braide
Smita Shivraj Dasari
Cheng-Che Hsiao
Bhavya Jaiswal
Yilun Lin
Laxmi Sai Viswanadha
Chen Wang
Thomas L. Zhou

Safety Engineering

Osama Ali A Alghamdi
Abdullah Alsulieman
Tetty Heradini

Department of Civil and Environmental Engineering

Master of Engineering

Civil Engineering

Bailey T. Besett
Jeffery Nana Boakye
Evan C. Cheung
Khandi Janique Kyla Gordon
Mazen Ghassan Harmouche
Vimesanuo Kraho
Nicholas Paul Lopez
Saifuddin Mohammed

Master of Science

Civil Engineering

Kshitij Agarwal
Mohammad Mahtab Alam
Akhil Anil
Ayemhere Joseph Ayo-John
Leah J. Birrell
Fredy Campos Davila
Santiago Chavez Okhuysen
Pavani Chukkapalli
Jonathan James Filip
Manthan Laljibhai Gajera
Isaac Evangel Enrique Gallegos
Yamini Grover
Chase Gruber
Hardik Gupta
Oscar E. Gutierrez
Howard William Holzer
Rutuja Jagatap
Khantil Akshaykumar Jha
Vivekkumar Bhupendrabhai Jivani
Stephin Joseph Anna
Raunak Pinak Joshi
Sai Likitha Krishna Kaki
Aditi Chandrashekhar Kanade
Mehdi Kettani
Pranik Koirala
Dinesh Chowdary Maddineni
Rahul Rajkumar Maheshwari
Arpit Mathur
Jennifer M. McGrath
Alexis Y. Morales
Aaditya Channabasava Nadagouda
Divyank Deepak Nigade
Joshua Isaac Ogara
Samirkumar Venkat Raghuram Palepu
Bhavya Girishkumar Patel
Harshang Sandeepkumar Patel
Mohan Vamsi Potti
Harsh Ashwinbhai Ravani
Rupender Reddy Remanuri
Ashlynne Smith
Ryan K. Sullivan

Mithun Kumar Thangaraju
Zayyan Mohammed
Udumbunthala Nalupurapad
Aayush Verma
Paras Manoj Wankhede
Yue Wu
Shengyang Xue
Joselin Mary Zachariah

Department of Computer Science and Engineering

Master of Computer Science

Computer Science

Sagar Adhikari
Asees
Raj Kumar Avvaru
Manisha Bachu
Anagha Srinivasa Bhat
Ganeshprasad Rajashekhar
Biradar
Ali Furkan Budak
Charles Chou
Venkata Phanindra Gupta
Chunduru Reddy
Insoo Chung
Evelyn A. Crowe
Manisha Dixit
Xiaomu Dong
Alekhya Duba
Dillon Fisher
Rory S. Gatson
Partha Saradhi Reddy
Goguladinne
Vishruth Raghuraj Gollahalli
Sreeja Govardhana
Varun Govinda
Harika Gumudavally
Shubham Sudhir Gupta
Li-Yuan Hsu
Jiyoon Hwang
Aniruddha Ingle
Adharvan Sai Jakkula
Ehsan Jalilifar
Sujith Rengan Jayaseelan
Yingtao Jiang
Jacob D. Johnson
Jared I. Jones
Mary Catherine Julian
Rohith Kadivendi
Harshitha Reddy Kalakota
Shreya Reddy Kalwa
Sindhuja Reddy Kamidi
Lakhan Saiteja Kamireddy
Matthew Christian Kocmoud
Akarsh Reddy Kosanam
Sherine Davis Kozhikadan
Krishna C. Kushal
Leah J. Lee
Jincheng Li
Hui Chuan Lin
Varun Lokanath Pai
Sankrandan Loke
Keigo Ma
Revanth Reddy Male
Hemal Ketan Mamtora
Rimsha Jaherali Maredia
Natalie Martinez
Satya Sreenadh Meesala
Sibo Min
Upasana Mishra
Rahul Srikanth Murthy
Siri Pranitha Namburi
Abhinand Sai Nasari
Piyush Nayak
Ruichen Ni
Nimisha
Vaidhyesh Padma Sundar
Venkata Bhanu Teja Pallakonda
Sruti Patnaik
Yukun Peng
Sai Shreyashi Penugonda
Apurva Purushotama
Dushyant Rathore
Sunayna Ray
Rohit Kumar Sah
Sunanda Saha
Seyedhooman Sajjadi
Apoorva Sathe
Rajesh Satpathy
Paul Schade
Ranjana Seshadri
Avdhi Hitesh Shah
Rahul Shah
Rohan Anish Shah
Vibushkarthee Shanmugam
Hung Hsueh Shih
Apurva Avinash Shinde
Ashish Kumar Singh
Sneha Singh
Abhishek Sinha
Reuben Chidubem Tabansi

Manik Taneja
Aditya Thagarthi Arun
Aakash Raj Udayakumar
Sai Harini Voruganti
Lakshmi Pratyusha Vudutala
Venkata Surya Naga Manoj Sree Harsha Vuppuluri
Shuaifang Wang
Yingying Wang
Yi Chia Wu
Haotian Xu
Eric Yeh
Rongruo Zhou

Master of Engineering

Computer Engineering

Brandon T. Gathright
Mason Michael Jerome
Aaron T. Kutch
Nicholas A. Matthews
Aaron Peter Skouby

Master of Science

Computer Engineering

Jesse F. Phipps

Computer Science

Sabina Adhikari
Tian Liu
Sanjay Nayak
Bryant Victor Passage
Suraj Shamsundar Jain
Han Zhang

Data Science

Jyothi Swaroop Dara
Sachith Kumar Janjirala
Venkata Raghavendra Karthik Kanna
Sree Kiran Prasad Vadaga

Department of Electrical and Computer Engineering

Master of Engineering

Electrical Engineering

Dalton William Cyr
Harish Babu Kundhu Prabakaran

Master of Science

Computer Engineering

Meghana Jaysing Amup
Shabarish Babu Badavanahally Venkateshbabu
Dharmendra Baruah
Aroma Bhat
Tejasri Swaroop Boppana
Xiaohai Chen
Sai Namith Garapati
Meghna Manoj Ghole
Amith Gopi
Sudharsan Govardan
Hao Guo

Harshit Gupta
Divya Shrikant Hegde
Abby Pallathattayil Joby
Anirudh Kashyap
Pushp Khatter
Sri Hari Pada Chandanam Kodi
Aditya Dilip Kothari
Karthik Eswar
Krishnamoorthy Natarajan
Rajesh Sai Kudipudi
Velmurugan Mohan
Krishnapuram
Jyothi Swaroopa Myneedi
Saurabh Nalkunda Kyathaplar
Shobith Narayanan
Punarvi Pallamreddy
Abhijay Kumar Pandit
Balaji Aathithan Paranthaman
Sanjana Patri
Swarna Srikanth Prabhu
Shanmuga Srinivas Puthalapattu
Kezhuo Qi
Gokul Raghunathan
Nitin Kasshyap Ragothaman
Amritha Rajagopalan
Mridhula Ramesh
Rajendra Prasad Sahu
Kavya Santha Kumar
Allen Sebastian
Vaibhavi Shanbhag
Bhavesh Hariom Sharma
Prachi Sharma
Digvijay Singh
Shashi Preetham Sreebhashyam
Vamsi Tallam
Kaushal Prudhvi Raj
Tungaturthy
Abuturab
Turabbhai Mohammadi
Suryateja Vadlamani
Sreemayee Venigalla
Chun Sheng Wu
Gayathri Narayana
Yegna Narayanan
Siri Chandana Yeshala
Chongzhi Zhao
Zanbo Zhu

Data Science

Abhijit Mahapatra

Electrical Engineering

Yousef Abdalla Abu Khalifa
Sabal Amatya
Sarthak Bala Krishna
Srinivasan Balakrishnan
Sachin Bansal
Nikita Bisht
Luciano Brignone
Ayden Baily Capps
Sriram Chakravarthy
Somnath Chattopadhyay
Isha Chaudhry
Chia Yu Chung
Sameehan Vivekanand Deodhar
Deepanshu Dewangan
Pouya Esfahani
Soroush Famili
Krishna Chaitanya Gadepally
Alka Sarah George
Dhruvajit Ghosh
Siva Aditya Gooty
Michael Ryan Greco
Neha Gupta
Zachary E. Helton
Jared Janak
Vidhan Jolly
Pavithra Kumarasen
Francisco Lauzurique
Gilbert T. Lehman
Max Micheal Jakob Lesser
Chia-Chi Liu
Anupama Jayashanker Nair
Chukwuemeka A. Nzeadibe
Enuma Nnedi Ogbuefi
Oluwatoyin Oladotun
Oshinkoya
Yue Pan
Yashaswini
Panathur Jayarama Reddy
Parth Deepakbhai Panchal
Vaikunth Ashwinbhai Patel
Shashank Rajendra Prasad
Anushka Harsh Rajwade
Swaathy Ramasamy
Kishore Karthe Ravi Prakash
Aravind Ravichandran
David Burgess Reents
Ali M A Shawartamimi
Tamilselvan Sivagurunathan
Sridevi
Luqing Sun

Yunze Sun
Chandra Sekhar Tedla
Laxmi Akshaya Thela
Esther Thomas
Sai Vishal Tipirneni
Vidya
Lauren D. Yamthe
Shengrui Zhang

Department of Engineering Technology and Industrial Distribution

Master of Engineering Technical Management

Technical Management

Matthew Craig Brown
Lucas Homero Castillo
Lacas Cedillos
Carolyn M. Connor
Yilzary Z. Downer
Angel Alejandro Gonzalez
Claudia Patricia Hernandez
Michael E. Hernandez
Yara Hernandez
William Christopher Kennard
Ryan Richard Keyser
Brandon James Krank
Garrett Scott LaPaglia
Steven Randolph Martinez
Justin Matthews
Esther Moreno
Heidi Mercedes Muro
Jon Martin Opielski
Rolando Raul Paredes
Daniel Roger Pearson
Timothy James Perez
Kimberly Pizzini
Santana Jonvie Rael
Indira Vanessa Raudales
Marc Samuel Reid
Richard Rodarte
Luis Alfredo Sanchez
Sara M. Sanders
Gunther Carl Schulze
Nathan Austin Stephens
Don Sweat
Kristina Ann Taber
Rami Tannoury
Michael Troup
Vincent Alexander Villaverde
Renita Kathleen Walzel
David Keith White

Master of Industrial Distribution

Industrial Distribution

Danny Adnan Akel
Ramses Olaf Aparicio
Joshua Lee Aston
Amelia Becher
Matthew Foster Begane
Anthony William Benishek
Christopher Dale Bennett
Christopher Buchhorn
Dalia Y. Bustos
Courtney Nicole Clent
Jade Melissa Cowans
Alexandra Marie
Cudar-Montgomery
Charles Michael Davidson
Francois Michael Gentis
Sergio Alberto Gonzalez
Kile Steven Irons
Charles Andrew Judkins
Christopher Todd Kellam
Clark G. Lanius
Ryan Jeffrey Liston
Helmar Martens, Jr.
Anthony Ray Mason
Daniel R. Moore
Ivan Perez
Ashley E. Pointon
Nicholas Randall Reynolds
William D. Robison
Mario Ruiz
Gabriel Serafin
Tobias Eduardo Vira
Casey Williams

Master of Science

Engineering Technology

Abdelrahman Sabrah Sayed Noah Ahmed
Kevin J. Aichelmann
Siddhesh Pankaj Deshpande
Chukwubuikem V. Ewelike
Elisabeth S. Ford
Jacob Lee Gonzales
Hye Seok Jeong
Steven Tyler Longa
Graham Ragland Patterson
Devika Pradeep Waghela
Leon Charles Xu

Department of Industrial and Systems Engineering

Master of Engineering

Industrial Engineering

Matthew Lynn Buttry
Matheau James Campagnone
Sanjay Vissa

Master of Science

Engineering Management

Toluwanimi Adedotun Adeyemo
Rohan Bengali
Ethan S. Cooper
Richard A. Germana
Harshini Mahesh
Kashif Mohammed Abdul

Industrial Engineering

Kiran Adhikari
Uddeepa Reddy Aileny
Sreekar Sharma Annaluru
Nishanth Bandapalli
Viraj Kedar Barbade
Elizabeth J. Bendrey
Urja Vinay Bhosekar
Vineeth Reddy Billam
Akshitha Bodanapu
Mohit Deepak Chhaparia
Adithya Chinthamani Suryaprakash
Yash Choudhary
Shreya Dasgupta
Sumant Gajanan Deshmukh
Aniket Harishchandra Gawali
Sameer Shrikant Ghan
Suparno Ghosh
Preetham Reddy Guda
Ishank Gupta
Madeline Hall
Michelle Hayek
Robert Jerry Hendrix III
Jacqueline N. Hernandez
Akshay Dhananjay Inamdar
Kuldeep Jangid
Anish Suhas Joshi
Hrithik Chowdary Kampally
Jaeyou Kang
Ajjay Kannan
Apurva Biren Kapadia
Ameya Amar Karode
Radhika Katdare
Shu Nee Khor
Sanjana Prasad Kubde
Abhishek Jayant Kulkarni
Pratyush Kumar
Sushant Kumar
Ayush Rajesh Kumathekar
Rohan J Kurian
Komal Girish Lad
Xueyan Li
Rohit Mallipeddi
Rohit Manmohan
Karthik Avinashilingam Manoharan
Vivek Varma Manthena
Pratik Pravin Marathe

Deepak Mohan
Ranjini Narasimha
Karnav Nitish Pahadiawala
Amuthan Palani Selvam
Yash Rajen Pancholi
Ashok Alex Panicker
Jagadeesh Chandra Panku
Divya Dipakkumar Parmar
Debasis Pradhan
Mithun Krishnan Ramesh
Varad Rangdal
Shubham Sharad Sasane
Farha Borai Ahmed Ibrahim Semary
Monil Kalpesh Shah
Mohammed Yousufuddin Shaik
Harsh Rajendra Somani
Hemanth Krishna Sontineni
Tatthapong Srikitrungruang
Zhao Tu
David P. Wozniak
Prathamesh Dattatray Yadav
Ajinkya Mahesh Zalkikar
Jinbo Zhao

Department of Materials Science and Engineering

Master of Engineering

Materials Science and Engineering

Margherita Contestabili
Christian J. Kornelis
Carolina Elizabeth Martinez
Monika Singh

Master of Science

Materials Science and Engineering

Greeshma Chathamkandath Raghuvaran
Assel Kalybayeva
Jingrui Li
Eugenie Marie Allamen Pranada
Hayden James Sullivan
Yinan Yang
Yeonju Yu

Department of Mechanical Engineering

Master of Engineering

Mechanical Engineering

Shubhangi Dalavi
James Holden
Brian Jahn
Rutul Dhimant Jani
Sonali Jayesh Shah
Sangsoo Yoon

Master of Science

Mechanical Engineering

Kushan Buddhika Abeyawardhane
Poshak Batra
Subrat Kumar Behera
Rishiraj Bhattacharjee
Vatsal Jayantibhai Bhuva
Samuel Enrique Blair
Jason Anthony Bondi
Mengyuan Chu
Victor Humberto De La Parra Echeverria
Austin J. Derkowski
Matthew E. Dorn
Abhishek Ashok Gadhave
Noble K. Gutierrez
Kirk Alan Hambleton
Dylan Lee Hughes
Seyedruholamin Isazadeh

Annalisa Joy Jarecki
Akshay Jindal
Sushmitha Susan Joseph
Mohammadali Kargar
Jeet Ghanshyambhai Khanpara
Atharva Ajay Kulkarni
Yu-Chen Lin
Mark Luke
Ria Madan
Diego Martinez Sanchez
Darryl John Mohr
Sanket Sanjay Nangare
Kristi Nalene Naude
Khoi Minh Ngo
Phuc Tran Quang Nguyen
Jacob Lewis Nowlin
Nidheesh Puliyath
Luis Angel Rodriguez
Mason Bradley Ross
William Schneider
Ashwin Nachiappan Sevugan
Manas Singh
Mohamed Yousef Mahmoud Soliman
Padmashree Srinivasan
Ian Thomas Suarez
Shejin Thomas Symon
Joshua A. Tia
Chia-Ching Tsai
Jay Rohit Verlekar
Jingyan Wang
Yinhe Wang
Kangwoo Yu

Department of Multidisciplinary Engineering

Master of Engineering

Engineering

◊ Mu'ath F. Adlouni
◊ Priya Arunachalam
◊ Ramez Azmy Barsoom
◊ Darshil Mehulbhai Choksi
Scottie Chou
◊ Brendan Jude D'Souza
◊ Mason Douglas Danna
◊ Antara Dattagupta
◊ Lauren Ann Fitzgerald
◊ Pranav Venkata Gadangi
◊ Evan E. George
◊ Noah Bramson Giese
◊ Amelia Shen-Yu Khoo
◊ Drew M. Levy
◊ Wesley Lim
◊ Peter Kinhan Lin
John L. Maida III
◊ Dariusz Paul Mrugala
◊ Nickolas Francis Alexander Mundo
◊ Ryan Dinh Nguyen
◊ Ashmi Patel
◊ Zachary Isom Richards
◊ Abigail Angelina Roth
◊ Robert Kenneth Sims IV
Samuel C. Smith
◊ Frederick Xiao-Cheng Wang

Master of Science

Interdisciplinary Engineering

Chase Cutler Dickson
◊ Cole Arthur Nipper

Department of Nuclear Engineering

Master of Science

Nuclear Engineering

Alfredo A. Cortez
Esteban Gonzalez
Hui Yu Hsieh
Michael S. Lewandowski
Melih Ozkutuk
John M. Valverde

◊ *Double Degree*

Department of Ocean Engineering

Master of Engineering

Ocean Engineering

Patricia I. Rodriguez

Master of Science

Ocean Engineering

Garrett W. Dorsett
Lauren Jean Patterson

Department of Petroleum Engineering

Master of Engineering

Petroleum Engineering

Bianca Anne Bealessio
Prithvi Singh Chauhan
Sara Nicole Edwards

Master of Science

Petroleum Engineering

Paul M. Azzu
Andrew Travis Brashear
Polina Churilova
Rodrigo Moreira Messias
Teresa Reid
Gabriel Anthony Tatman
Diana Carolina Zapata Fierro

School of Nursing

Presented by Dr. Susan M. McLennon, Interim Dean

Master of Science in Nursing

Family Nurse Practitioner

Berenice Fernandez-Cardoza
Brooke Emily Gaudiano
Jacob A. Johnson
Erin Jennifer Mohlke
Casey Lynn Paulin
Kathryn Sue Pawelek
DeSheala Lynne Robinson
Sandy Salazar Sauceda
Victoria Suzanne Streetman
Jennifer Sue Tiemann
Lauren Nicole Vance
Madisen Janae Walker

Nursing Education

Katherine Elizabeth Cantrell
Cassie Jo Conway
Katherine Margaret DeCastro
Amy Deornellis
Deriek Dean France
Chelbi Danielle Hash
Susannah Margaret Michael
Elizabeth Anne Pigg
Mary Katherine Pratt
Kayla Ann Schertz
Kelly Shaw
Morgan Mignon Taylor

School of Public Health

Presented by Dr. Shawn G. Gibbs, Dean

Department of Environmental and Occupational Health

Master of Public Health

Environmental Health

Joel Oluwatosin Akinniranye
Amy Alexandria Ayala
Nancy Chinenye Chukwuma
Delaney Caroline Dawson
Okeoghene Marcel Edafetanure-Ibeh
Arthur Chidi Igbo
Thomas Christopher Jistel
Lissette Marquez
Aishat Oluwabunmi Olaoye
Cassia M. Scott
Mallory Anne Teel
Diana Love Treat

Occupational Safety and Health

Charles Luke Batson
Heidy Benitez
Bryce Clark
Bryson Marquis Dowdell
Wesley Lee
Anna M. Longbottom
Priscilla Phuong
Kaelyn Marie Renfro
Michayla Diane Strange

Department of Epidemiology and Biostatistics

Master of Public Health

Biostatistics

Yina Li
Lucas Smith
Lucas R. Wilson

Epidemiology

Kierstein A. Andrew
Amanda Lee Barraza
◊ Alina N. Cantu
Susan Ashley Corley
Alyssa Jordan Cornelius
Zachary Alexander Ferguson
Claire Elizabeth Figi
Randy Garza
Andrea Michelle Gerla
◊ Anna B. Glanzer
Kimberly Gutierrez
Deborah Ha

◊ *Double Degree*

Hannah Noel Hartley
Claudia Marie Jones
Mounika Kudary
Ketki Avinash Kulkarni
Arnold J. Martinez
Fancine Enrica Mascarenhas
Haley Laura Mathis
Morgan Doll McLendon
Harold K. McNally
Morgan Rae Morazzano
John Thomas Noble
Sophia Onyinyechi Okafor
Oluwadamilola Ayomipo Olowomeye
Shaily Harshadkumar Patel
Amber Nicole Pina
Gregory Prahl
Juliette E. Rachal
Elizabeth Bennight Reed
◊ Matilin G. Rigsby
Su L. Sandi
Alexis N. Southwell
Matthew S. Spencer
Jobert Wendlasida Tiendrebeogo
◊ Cecilia Maria Torres
Alka Rajesh Upadhyay
Robert Louis Van Pelt, Jr.
Priyadharshini Venkatasubramaniam
Ryan James Wainerdi
Ryan M. Walker
Katelyn Nicole Wall
Elizabeth Nancy Williams

Department of Health Behavior

Master of Public Health

Health Promotion and Community Health Sciences

Anisha Aggarwal
◊ Joseph Chase Anderson
Hannah Grace Bartosh
Bethany Marie Brzozowske
Klayton Ray Cooke
Nydia Ellaine Garcia
Shelby Olivia Glenn
Kayla Granado
Kacy Lynn Hill
Kaitlin Eileen McCarter
Saylor Marley Mealing
Oluwaferanmi J. Motoni
◊ Jane Sydney Aketch Osamba
Bhumika N. Purohit
Rachel Rodriguez
Jacob A. Stukenberg
Madelyn Elise Swearingen
Gabriella Renee Teneyuca
Brianna Lyn Tofel
Bria Denise Toms
Madison Anslee Tschantz
Julieta Valdez

Department of Health Education Programs

Master of Science

Health Education

Savannah Laura Aguilera
Courtlandt Helen Arrants
Rachel Monique Erisman
Allison A. Fields
Abby Ann Frizzell
Myrka Omaet Lila
I-Chen Lin
Victoria Ogechi Madu
Samantha Ortega
Nicole L. Popp
Madeleine B Walther

◊ *Double Degree*

Department of Health Policy and Management

Master of Health Administration

Health Administration

Areej Alwazani
Cooper Cameron Atkinson
Ashley Rebekah Purdy Bender
Ashley C. Briseno
Ashley Noel Cunniff
Katelyn Ann Davis
Gabriella Demco
Julia Eng
Jordan A. Fryrear
Lauren Seline Galindo
Mathew Gilbert Garcia
Zackary E. Garza
Brianna Maive Guzman
Laisa Hinojosa
Megan Malia Jacinto
Jonathan Franklin King
Karina Lamar Lopez
Carson Reese Roosma McElreath
Nida Mohammed Ali
Parker S. Mountain
Eric J. Munoz Petit
Cassidy N. Myers
Christiana Elizabeth Nguyen
Monique M. Nguyen-Vu
Ellie Ni
Taiwo Esther Obembe
Courtney Clare Pawlik
Amy Ngoan Pham
Ashley Faith Potter
Ruthanne Jeane Reiley
Brenna Ann Russell
Maryann P. Sagayababu
Ciara Madison Sanchez
Haley E. Stermer
Leobardo Teutle Flores
Ava Treon
Alexander Truong
Allison Lynette Warren
Penelope F. Ybarra
Darren Wayne Zipp

Master of Public Health

Health Policy and Management

Sophia Abbasali
Heather Rose Adams
Blake R. Albright
Hiba Imane Benelbar
Gabrielle Celeste Briggs
Emilie Raye Bushnell
Sumanpreet Kaur Dosanjh
Sarah Ilham Faiq
◊ Michelle Elizabeth Garza
Shannon Elizabeth Gray
Jonathan Scott Hamilton
Magdalyn Lou Klynsma
Kheli D Ann Lawson
Hannah Victoria League
Kelsey Morgan Mckenzie
Sydney Louise Melton
Brooke B. Miller
Ankita Nandwani
Osarumen Mercy Omorogbe
Boluwatife P. Sanusi
◊ Elena Esther Tamez
Brad Yi-Shing Wang
Sneha Yennawar

◊ *Double Degree*

Honors Fellows

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

Haley Jordan Frank . . . . . BA International Studies
Cecilia Maria Torres. . . . . BS Public Health

Latin Honors

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

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

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

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

Honors Stoles

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

Undergraduate Research Scholars

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

Vivian L. Cassina . . . . . BS Political Science

Academic Regalia

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

Ceremonial Mace

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

Gonfalons

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

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

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

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

Mays Business School. The golden knot symbolizes unity and coordination of the disciplines of business administration. Surrounding the golden knot, a field of purple represents the rank of authority. The foundation of lozenges under the triangle illustrates the flow of order.

School of Dentistry. The color lilac has been associated with dentistry since the 1800s, symbolizing compassion and inspiration. Upon it, rests the Greek Omicron, O, representing the first letter in "odont," meaning tooth, along with an interlaced Delta representing the letter D for Dentistry. The inner-most component of the emblem depicts healing, as signified with a serpent intertwined around the ancient cauterizing rod of the Greek god of healing, Asceplius. Included in the emblem, are 32 leaves and 20 berries representing both the primary and secondary teeth.

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

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

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

School of Law. A widely accepted symbol of peace, the olive leaves highlight one of the most critical contributions of law and legal order to human development. Curving inwards, they also bring to mind the Aggie Ring – and the circle of fellowship and community it represents. Lady Justice symbolizes the values our graduates bring to bear in their careers: a spirit of objectivity (blindfold), an unwavering commitment to fairness (scales), and the strength necessary to pursue it (sword). The six stars, finally, represent Texas A&M's Core Values – Leadership, Respect, Loyalty, Excellence, Selfless Service, and Integrity – essential requirements of not only members of the legal profession, but all those who study the law and seek to advance justice, fairness, and the Rule of Law.

School of Medicine. The white field provides a background for the Aesculapian staff and serpent, long used as the symbol of the healing arts. The green color is the same displayed on the hoods and robes worn for the degree of Doctor of Medicine.

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

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

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

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

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

"The Spirit of Aggieland"

By Mimms-Dunn

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

Chorus

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

Congratulations New Graduates!

Welcome to The Association of Former Students!

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

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

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

The Association
OF FORMER STUDENTS®

TEXAS A&M UNIVERSITY®

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

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

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