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

College of Architecture
College of Dentistry
College of Education and Human Development
College of Geosciences
College of Medicine
College of Nursing
College of Pharmacy
School of Public Health
College of Science
College of Veterinary Medicine and Biomedical Sciences

Friday, August 9, 2019, 2 p.m.
Reed Arena

Processional

The National Anthem

Invocation

Student Expression of Appreciation

Greetings and Authorization to Confer Degrees

Presentation of Honorary Degree

Commissioning Ceremony

Presentation of Degree Candidates and Conferring of Degrees

Presentation of Diplomas

Induction into The Association of Former Students

“The Spirit of Aggieland”

Recessional
Faculty Marshals

Mace Bearer
Dr. Blanca Lupiani, Dean of Faculties and Associate Provost
Stage Party
Ms. Venesa A. Heidick, Registrar
Ms. Brandie Enex, Senior Associate Director of Admissions
Announcers
Ms. Nora Cargo, Director, Scholarships & Financial Aid
Mr. Mike Fitch, Transcript Analyst, Office of Admissions
Judge Rick Hill, Brazos County Justice of the Peace Precinct 3

The Texas A&M University System
Board of Regents

Ms. Elaine Mendoza, Chairman. ............... San Antonio
Mr. Tim Leach, Vice Chairman ......................... Midland
Mr. Phil Adams ................................ Bryan/College Station
Mr. Robert L. Albritton ................................. Fort Worth
Mr. Jay C. Graham ................................... Houston
Mr. Michael A. “Mike” Hernandez III ............. Fort Worth
Mr. Bill Mahomes, Jr. .............................. Dallas
Mr. Michael J. Plank ................................... Houston
Mr. Cliff Thomas ...................................... Victoria
Mr. Levi McClenny (Student Regent) ................. College Station

Chancellor

Mr. John Sharp .................................. Placedo

Texas A&M University Administrative Officers

President . ................................................. Mr. Michael K. Young
Provost and Executive Vice President ............... Dr. Carol A. Fierke
Dean, College of Agriculture and Life Sciences ... Dr. Patrick J. Stover
Dean, College of Architecture .......................... Dr. Jorge A. Vanegas
Dean, Mays Business School .......................... Dr. Eli Jones
Dean, College of Dentistry .......................... Dr. Lawrence E. Wolinsky
Dean, College of Education and
Human Development .......................... Dr. Joyce M. Alexander
Dean, College of Engineering ........................ Dr. M. Katherine Banks
Dean, College of Geosciences ........................ Dr. Debbie Thomas
Dean, Bush School of Government and
Public Service .......................... General Mark A. Welsh III (Ret.)
Dean, School of Law .................. Mr. Robert B. Ahdieh
Dean, College of Liberal Arts ............. Dr. Pamela R. Matthews
Dean, College of Medicine ............... Dr. Carrie L. Byington
Dean, College of Nursing ................ Dr. Nancy L. Fahrenwald
Dean, Irma Lerma Rangel College of Pharmacy .... Dr. Indra K. Reddy
Dean, School of Public Health (interim) .... Dr. John R. August
Dean, College of Science .................. Dr. Valen E. Johnson
Dean, College of Veterinary Medicine and
    Biomedical Sciences .................... Dr. Eleanor M. Green
Dean, Texas A&M University Libraries .... Mr. David H. Carlson
Dean and Chief Operating Officer,
    Texas A&M University Qatar Campus .... Dr. César O. Malavé
Executive Vice President for Finance and
    Operations, Chief Financial Officer ....... Dr. Jerry R. Strawser
Interim Senior Vice President, Texas A&M University
    Health Science Center ................... Mr. Gregory W. Hartman
Senior Vice President and Chief Marketing and
    Communications Officer ................. Ms. Amy B. Smith
Vice Provost and Chief International Officer ...... Dr. Michael J. Benedik
Vice Provost for Academic Affairs and
    Strategic Initiatives .................... Dr. Michael T. Stephenson
Vice President and
    Associate Provost for Diversity ...... Dr. Robin R. Means Coleman
Vice President for Brand Development .... Mr. Shane Hinckley
Vice President for Economic Development,
    Dean, School of Innovation ............. Dr. Andrew P. Morriss
Vice President for Enrollment and
    Academic Services ....................... Mr. Joseph P. Pettibon II
Vice President for Government Relations .... Mr. Michael G. O’Quinn
Vice President for Human Resources and
    Organizational Effectiveness ............ Dr. Jeffrey A. Risinger
Vice President for Information Technology,
    Chief Information Officer .............. Ms. M. Dee Childs
Vice President for Research ............... Dr. Mark A. Barteau
Vice President for Student Affairs ........... Dr. Daniel J. Pugh, Sr.
Vice President and Chief Operating Officer,
    Texas A&M University
    Galveston Campus ...................... Colonel Michael E. Fossum (Ret.)
Commandant of the
    Corps of Cadets ....................... Brigadier General Joe E. Ramirez, Jr. (Ret.)
Dean of Faculties and Associate Provost .... Dr. Blanca Lupiani
Associate Provost for Graduate and
    Professional Studies .................... Dr. Karen L. Butler-Purry
Associate Provost for Undergraduate Studies .... Dr. Ann L. Kenimer
Dr. Marcia McNutt is a geophysicist and serves as the 22nd president of the National Academy of Sciences. The National Academy of Sciences (NAS) is a private, non-profit society of distinguished scholars. Established by an Act of Congress and signed by President Abraham Lincoln in 1863, the NAS is charged with providing independent, objective advice to the nation on matters related to science and technology. Under Dr. McNutt’s leadership, the NAS is committed to furthering science in America, and its members are active contributors to the international scientific community. Nearly 500 members of the NAS have won Nobel Prizes.

From 2013 to 2016, Dr. McNutt served as editor-in-chief of the Science family of journals. Prior to joining Science, she was director of the U.S. Geological Survey (USGS). During her tenure, the USGS responded to a number of major disasters, including earthquakes in Haiti, Chile, and Japan, and the Deepwater Horizon oil spill in the Gulf of Mexico.

Dr. McNutt led a team of government scientists and engineers at BP headquarters in Houston who helped contain the oil and cap the well. For her contributions, she was awarded the U.S. Coast Guard’s Meritorious Service Medal.

Dr. McNutt’s previous academic and administrative appointments include, president and chief executive officer of the Monterey Bay Aquarium Research Institute (MBARI), in Moss Landing, California, and as the E.A. Griswold Professor of Geophysics at the Massachusetts Institute of Technology (MIT). She was chair of the Board of Governors for Joint Oceanographic Institutions, responsible for operating the International Ocean Discovery Program’s vessel JOIDES Resolution and associated research programs. She is a fellow of American Geophysical Union, the Geological Society of America, American Association for the Advancement of Science, and International Association of Geodesy.

She is a noted scholar in the dynamics of the upper mantle and lithosphere on geologic time scales, work that has taken her to distant continents and oceans for field observations. She is a veteran of more than a dozen deep-sea expeditions, on most of which she was chief or co-chief scientist. In 2007, she received the Maurice Ewing Medal for her contributions to deep-sea exploration.
Candidates for Commissions in The Armed Forces of the United States
Brigadier General Joe E. Ramirez, Jr. (Ret.)—Commandant

United States Army
Colonel Blakeslee Connors—Professor of Military Science
Second Lieutenants, U.S. Army

Benjamin Erick Anderson  Clay Elias Arafat Johnson  Allie Rios
Monica Kristina Bartler  Patrick Jonathan Kelly  Juan Antonio Rojas
Joseph David Bennett  Christian Joon Lee  Nathan Elliott Rundio
Aaron Christopher Blume  Jacob Michael Locke  John Paul Smith
Conner Joseph Calcote  Avery Conor McAnelley  Victoria Paige Smith
Mauricio G. Castaneda  William Brent Owen  Patrick Aaron Stein
Kelsey John Clement  Amira N. Reeves  Morgan Lane Vrazel
John Christian Harris  James William Richards  Michael Andrew Zapalac

United States Navy
Colonel A.J. Kostic—Professor of Naval Science
Ensigns, U.S. Navy

Bradley Taylor Davis  Miles Renoy Nicholson, Jr.

United States Marine Corps
Colonel A.J. Kostic—Professor of Naval Science
Second Lieutenants, U.S. Marine Corps

Christopher Bradley Higgins

United States Air Force
Colonel Sherri LeVan—Professor of Aerospace Studies
Second Lieutenants, U.S. Air Force

Austin Wade Alcoser  Peter Thoms Johnson  Bryce Michael Partlow
Daniel Joseph Ciardullo  Scott Matthew Lauritsen  Weston Wayne Sauer
Kyle Bernard Frankovich  Jackson Dean Maples

5
Candidates for Doctoral Degrees

Presented by Dr. George B. Cunningham
Senior Assistant Provost for Graduate and Professional Studies

Graduate and Professional Studies

College of Architecture

Doctor of Philosophy

Maki Iisaka .......................................................... Architecture
Dissertation: “Text and Inversion in the Architecture of Seiichi Shirai”
Chair: Sarah Deyong

Won Min Sohn .................................................. Urban and Regional Science
Dissertation: “The Impact of Climate and Land Use on Urban Stormwater Runoff, and Implications for Low Impact Development and Green Infrastructure”
Chair: Robert Brown
Co-Chair: Ming-Han Li

Shermeen Ahmed Yousif Yousif .................................. Architecture
Dissertation: “A K-Medoids-Based Shape Clustering Method and its Applications in Generative Design and Optimization Systems”
Chair: Wei Yan
Co-Chair: Charles Culp

Siyu Yu .......................................................... Urban and Regional Science
Dissertation: “The Influence of Plan Integration on Community Vulnerability and Ecological Resilience to Natural Hazards”
Chair: Philip Berke

College of Dentistry

Doctor of Dental Surgery

Dakota Alan Baugus .............................................. Dentistry

Mark Andrew Szczewba ........................................... Dentistry

Doctor of Philosophy

Wenjing Luo .................................................. Oral Biology
Dissertation: “In Vivo Identification of Periodontium MSCs and Their Response to Periodontitis”
Chair: Hu Zhao

Mirali Gaurang Pandya ........................................ Oral Biology
Dissertation: “Proteins in Enamel Development: Secretome, Transport and Posttranslational Fate”
Chair: Thomas Diekwisch
Ke Wang  
Dissertation: “Canine Osteon Formation (Modeling) and Remodeling During Development and Mechanical Loading”  
Chair: Jian Quan Feng

College of Education and Human Development

Delia Maria Cruz-Fernández  
Record of Study: “The Effect of Instructional Coaching for Teachers in Sheltered Instructional Strategies for English Language Learners in High School”  
Chair: Zohreh Eslami  
Co-Chair: Monica V. Neshyba

Jonathan Michael David  
Record of Study: “Mixed Methods Study of Problem-Solving and Metacognition in the Elementary Classroom”  
Chair: Mary Capraro  
Co-Chair: Robert Capraro

Douglas Matthew Maraffa  
Record of Study: “Examining Preservice Teachers Classroom Management Preparation Within an Alternative Certification Teaching Program”  
Chair: Robin A. Rackley  
Co-Chair: Sharon D. Matthews

Abby Williams Morris  
Record of Study: “The Impact of Instructional Coaching with Teachers in the Secondary English Classroom”  
Chair: Sharon D. Matthews  
Co-Chair: Monica V. Neshyba

Adam Joshua Stephens  
Record of Study: “Principals’ Sustainable Leadership Behaviors and Their Impact on the International Baccalaureate Primary Years Programme in Urban Schools”  
Chair: Beverly Irby

Glenda Anne Thacker  
Record of Study: “A Case Study of Student Involved Data Use with a Mastery Orientation Utilizing Data from Formative Assessments”  
Chair: Julie A. Singleton  
Co-Chair: Sara P. Raven

Ann Hill Thornton  
Chair: Radhika Viruru  
Co-Chair: Robin A. Rackley
Doctor of Philosophy

Salah Saleh A. Alshagrawi ................................. Health Education
Dissertation: “Determinants of Physical Activity Levels: A Multilevel Analysis of the American College Health Association Survey”
Chair: Idethia S. Harvey

Arden Anderson .............................................. Kinesiology
Dissertation: “Role Development and Management in College Athletics”
Chair: Marlene A. Dixon

Felix Wallace Arnold III ................................. Educational Human Resource Development
Dissertation: “Mentoring Distance-Based Graduate Students: The Role of Academic Advisors”
Chair: Larry M. Dooley
Co-Chair: Elizabeth Roumell

Lauren Long Barron ................................. Counseling Psychology
Dissertation: “Resilience in the General Factor of Personality: Understanding the Role of Positive Affect, Social Support, and Participation in Distress Related to Chronic Illness or Disability”
Chair: Timothy Elliott

Lindsey Jordan Carnes ................................. School Psychology
Dissertation: “Neuropsychological Assessment of Concussion in Collegiate Student-Athletes”
Chair: Cynthia Riccio

Morgan Bethany Drake ................................. School Psychology
Dissertation: “The Relationship Among Executive Functioning, Health-Related Quality of Life, and Glycemic Control in Pediatric Type 1 Diabetes”
Chair: Cynthia Riccio
Co-Chair: William Rae

Chelsea Goodliffe Goodenough ............................ Kinesiology
Dissertation: “mTOR: A Mechanistic Target of Muscle and Cancer Cross-talk”
Chair: James Fluckey

Xiao He ..................................................... Counseling Psychology
Dissertation: “The Influence of Coherence, Connectedness, and Gender on International Students’ Coping Strategies”
Chair: Linda Castillo

Ryan Heath Hinojosa ................................. School Psychology
Dissertation: “ADHD and Executive Functioning: A Meta-Analytic Study on Shifting and Cognitive Flexibility”
Chair: Cynthia Riccio

Zachary A. Jackson ................................. Health Education
Dissertation: “An Exploration of Discrimination, Sense of Belonging, and Persistence Among Students in Higher Education”
Chair: Adam E. Barry
Dong Hyun Kang. Educational Psychology
Dissertation: “Teacher-Student Relationships and Student School Engagement”
Chair: Laura M. Stough

Mahati Kopparla. Curriculum and Instruction
Dissertation: “Experiences of Freshmen Enrolled in Math-Intensive Stem Majors”
Chair: Mary Capraro
Co-Chair: Steven Woltering

Sungyoon Lee. Curriculum and Instruction
Dissertation: “The Role of Working Memory in Integrative Reading of Text and Picture: An Eye Tracking Study”
Chair: Kausalai Wijekumar

Yujin Lee. Curriculum and Instruction
Dissertation: “A Rigorous Exploration of Students’ Affective Mathematics Engagement Across Samples and Contexts”
Chair: Robert Capraro
Co-Chair: Mary Capraro

Aylan Cash Letsinger. Kinesiology
Dissertation: “The Evolution & Regulation of Physical Activity Levels”
Chair: J. Timothy Lightfoot

Estephania Adriana Lezama. Counseling Psychology
Dissertation: “The Relationship Between Acculturative Stress Components and Body Image for Latina College Students at Predominantly White and Hispanic Serving Institutions”
Chair: Linda Castillo

Ching-Yi Liao. Educational Psychology
Chair: Jennifer B. Ganz
Co-Chair: Kimberly J. Vannest

Vicki G. Mokuria. Curriculum and Instruction
Chair: Cheryl J. Craig

Francisco Alejandro Montiel Ishino. Health Education
Dissertation: “Variable-Centered Versus Person-Centered Approaches in Examining the U.S. Opioid Epidemic: Understanding Methodological Differences”
Chair: Tamika D. Gilreath

Marta Lynn Pardo. School Psychology
Dissertation: “The Impact of Physical Activity on Executive Function and Health-Related Quality of Life in Youth With Type 1 Diabetes Mellitus”
Chair: Cynthia Riccio
Co-Chair: William Rae
Elizabeth Anne Perdue .......................... School Psychology
Dissertation: “Teacher Knowledge of and Attitudes Regarding Student Concussion and the Return to Learn Protocol”
Chair: Cynthia Riccio
Co-Chair: Krystal T. Simmons

Shaoping Qiu ................................. Educational Human Resource Development
Chair: Larry M. Dooley

Kelsey Marie Ragan .......................... School Psychology
Dissertation: “A Meta-Analysis of School-Based, Behavioral Consultations for Externalizing Behaviors”
Chair: Lisa Bowman-Perrott
Co-Chair: Krystal T. Simmons

Isaac Saldivar ................................. Counseling Psychology
Dissertation: “Physical Activity and Mental Health Status as Moderated by Activity Promotive Environment”
Chair: Charles Ridley

Ashley Michelle Smith ........................ School Psychology
Dissertation: “The Relationship Between Therapeutic Alliance and Client Progress in Predicting Premature Termination in Counseling”
Chair: Cynthia Riccio

Divya Talwar ................................. Health Education
Dissertation: “Evaluating Genomic Education for Health Professional Students”
Chair: Lei-Shih Chen

Taylor Marie Glacier Terrebonne .......... Counseling Psychology
Chair: Charles Ridley

Diana R. Wandix-White ..................... Curriculum and Instruction
Dissertation: “C.A.R.E: Calling All Responsible Educators”
Chair: Cheryl J. Craig

Bianca Simone Watkins ........................ School Psychology
Chair: Cynthia Riccio
Co-Chair: Krystal Simmons

Anthony Jean Weems ........................ Kinesiology
Chair: John Singer
Oscar Widales-Benitez ................................. School Psychology
Dissertation: “Effects of School Belonging on Internalizing Symptom
Trajectories Among Latinx Youth”
Chair: Cynthia Riccio
Co-Chair: Sara Castro-Olivo

Dominique Lashae Williams ............................... Health Education
Dissertation: “An Ecological Exploration of Coaches’ Perceptions on Sex
Education”
Chair: Ellisa Jones-Mckyer
Co-Chair: Corliss W. Outley

Tearney Rose Woodruff ................................. Educational Administration
Dissertation: “Deployed to College: Adapting to University Life as a
Student Veteran”
Chair: Vicente Lechuga

Lei Xie .................................................... Educational Human Resource Development
Dissertation: “The Relationships Between Servant Leadership, Learning
Organization Practice, and Work-Family Enrichment and
Conflict - A Chinese Small and Medium-Sized Enterprises
Perspective”
Chair: Michael Beyerlein

Shuai Zhang ........................................... Curriculum and Instruction
Dissertation: “The Role of Executive Function in Literacy: Investigations
of English Reading and Chinese Writing”
Chair: R. Malatesha Joshi

College of Geosciences
Doctor of Philosophy

Ibrahim Al Atwah ......................................... Geology
Chair: Franco Marcantonio
Co-Chair: Mauro Becker

Ryan P. Dicce ......................................... Geography
Dissertation: “Explaining Renewable Energy Transition Through Human
Capital Analysis in the United Arab Emirates”
Chair: Christian Brannstrom

Harold Everett Johnson II ............................. Geology
Dissertation: “Carboniferous Sediment Dispersal into the Ouachita Basin
and Tectonic Evolution of the Ouachita Fold-and-Thrust Belt, Oklahoma”
Chair: Michael Pope

Dapeng Li ................................................ Oceanography
Dissertation: “A Study of Hydrodynamics in the Northern Arabian Gulf”
Chair: Ayal Anis

Un Young Lim ........................................ Geophysics
Dissertation: “Nonlinear AVO Inversion Based on Zoeppritz Equations
and its Applications”
Chair: Richard L. Gibson, Jr.
Co-Chair: Nurul Kabir
Lixin Qu ......................................... Oceanography
Chair: Robert Hetland

Dawei Shi ........................................ Oceanography
Chair: Terry L. Wade

Guangjian Xu ...................................... Geology
Dissertation: “Mechanical Stratigraphic Model of the Eagle Ford Formation, South and West Texas”
Chair: Judith S. Chester

Siyao Zhai ......................................... Atmospheric Sciences
Chair: Richard Panetta
Co-Chair: Ping Yang

College of Medicine

Doctor of Philosophy

Qingquan Chen ..................................... Medical Sciences
Dissertation: “Identification of Synergistic Drug Combinations Against Cystic Fibrosis Pathogens”
Chair: Carolyn L. Cannon

Yonghong Liu ..................................... Medical Sciences
Dissertation: “NCOA6 Represses Prostate Cancer Through Inhibiting EGFR Enhancer Activity to Prevent EGFR Overexpression”
Chair: Fen Wang
Co-Chair: Jianming Xu

Sara Jean Talmage ................................ Medical Sciences
Dissertation: “Characterization of the Role of Nuclear Localized Type IV Secretion Substrates in Coxiella burnetii Pathogenesis”
Chair: James Samuel

Sheila Esther Thomas ............................ Medical Sciences
Dissertation: “A Family of Structurally Related Secreted Proteins of Staphylococcus aureus”
Chair: Magnus Höök

College of Pharmacy

Doctor of Pharmacy

Binamra Newpane ................................ Pharmacy
Mona Monique Ramón ............................ Pharmacy
Carlos Humberto Saldaña ........................ Pharmacy
School of Public Health

Doctor of Philosophy

Jusung Lee ............................................. Health Services Research
Dissertation: “Diabetes Management, Physical Activity, and Depression: Investigating the Nexus”
Chair: Jane Bolin

Doctor of Public Health

Lakshmi Vaishnavi Dakuri .......... Epidemiology & Environmental Health
Dissertation: “A Multimodal Analysis of Hear-A Mobile Hearing Screening Application”
Chair: Adam W. Pickens
Co-Chair: Mark E. Benden

Soila Flor Villarreal ........ Health Promotion and Community Health Science
Dissertation: “Competency Restoration: Is it Effective”
Chair: Gregory Brian Colwell

College of Science

Doctor of Philosophy

Andrew Patrick Anderson ............................................. Biology
Chair: Adam Jones
Co-Chair: Heath Blackmon

Francisco Javier Birk ............................................. Chemistry
Dissertation: “Synthesis and Characterization of 4d and 5d Cyanometalate Compounds for Molecular Magnetism”
Chair: Kim Dunbar

Giacomo Bonasera ............................................. Physics
Dissertation: “Mean-Field Investigation of Strength Functions of Giant Resonances Compared with the Unexpected Experimental Characteristics”
Chair: Shalom Shlomo

Corey P. Burns ............................................. Chemistry
Dissertation: “Complexes Containing a Direct, Unsupported Lanthanide-Transition Metal Bond”
Chair: Michael Nippe

Justin Colt Cantu ............................................. Mathematics
Dissertation: “Periodic Groups via Orbital Graphs”
Chair: Volodymyr Nekrashevych
Co-Chair: Zoran Sunik

Roman Chyzh ............................................. Physics
Dissertation: “Measurement of $\beta$-delayed Protons from $^{35}$K Relevant to the $^{34}$Cl$(^{16}$O,$\gamma)^{35}$Ar Reaction”
Chair: Robert E. Tribble
Steven James Clark ........................................ Physics
Dissertation: “Constraining Dark Matter Through Cosmological Observations”
Chair: Bhaskar Dutta
Co-Chair: Louis E. Strigari

Guorong Dai ............................................... Statistics
Dissertation: “Efficient Estimators for Expectations in Nonlinear Parametric Regression Models with Responses Missing at Random & Data Integration in High Dimension with Multiple Quantiles”
Chair: Ursula Müller-Harknett
Co-Chair: Raymond Carroll

Sven Dildick ........................................ Physics
Dissertation: “A Search for Evidence of Physics Beyond the Standard Model with New Light Bosons Decaying into Pairs of Muons at \( \sqrt{s} = 13 \) TeV Using the CMS Detector”
Chair: Alexei Safonov

Xiaojian Du ........................................ Physics
Dissertation: “Quarkonium Transport Theory in Ultra-Relativistic Heavy-Ion Collisions”
Chair: Ralf Rapp

Nathan Andrew Fleer ................................ Chemistry
Dissertation: “Phase Transitions of Early Transition Metal Oxides and Implications for Functional Thin Films”
Chair: Sarbajit Banerjee

Oğuz Gezmİş ........................................ Mathematics
Dissertation: “Special Values of \( L \)-series over Tate Algebras”
Chair: Matthew Papanikolas

Riddhi Pratim Ghosh ................................ Statistics
Dissertation: “Bayesian Estimation of Correlation Matrices of Longitudinal Data and Variable Clustering”
Chair: Bani Mallick
Co-Chair: Mohsen Pourahmadi

Yuchen Hua ........................................ Mathematics
Chair: Bojan Popov

Mary Jennifer Janecka ................................ Biology
Chair: Charles D. Criscione

Dangallage Heshani Jayatissa ................................ Physics
Dissertation: “\( ^{22}\text{Ne}(\alpha,N)^{25}\text{Mg} \) and \( ^{22}\text{Ne}(\alpha,\gamma)^{26}\text{Mg} \) Reactions via Sub-Coulomb Alpha-Transfer and Their Effects on Final Abundances of S-Process Isotopes”
Chair: Grigory V. Rogachev
Zhengyang Jiang ................................................ Chemistry
Dissertation: “Development of Novel Theranostic Small Molecules for Cancer Treatment”
Chair: Kevin Burgess

David K. Kempe ................................................ Chemistry
Dissertation: “Cyanide-Bridged Polynuclear Compounds of Molybdenum (III) and Rhenium (II)”
Chair: Kim Dunbar

Harold Westin King ........................................ Mathematics
Dissertation: “Parking Functions on Trees and Directed Graphs”
Chair: Catherine Yan

Eli Samuel Kravitz ........................................... Statistics
Dissertation: “Scoring and Relative Risk Analysis in Nutrition and Physical Activity”
Chair: Raymond Carroll

Eric Emil Leonhardt ........................................ Chemistry
Chair: Karen Wooley

Yanbo Li .................................................. Mathematics
Dissertation: “Generalized Multiscale Finite Element Methods for Transport Problems with Heterogeneous Media”
Chair: Yalchin Efendiev

Mengxiao Liu ................................................ Chemistry
Dissertation: “Nuclear Magnetic Resonance Methods for Characterization of Biochemical Transformations”
Chair: Christian Hilty

Xin Ma .................................................. Mathematics
Dissertation: “Topological Dynamical Systems and Regularity Properties of Reduced Crossed Product C*-Algebras”
Chair: David Kerr

Erica Ann Metheney ....................................... Statistics
Dissertation: “Simulating Networks with Heavy-Tailed Degree Distributions”
Chair: Daren Cline

Yabo Niu .................................................. Statistics
Dissertation: “Topics on Bayesian Gaussian Graphical Models”
Chair: Bani Mallick
Co-Chair: Debdeep Pati

Abhishek Parija ........................................... Chemistry
Chair: Sarbajit Banerjee
Co-Chair: James D. Batteas
Zachary Perry .................................................. Chemistry
Dissertation: “Structural Considerations in the Development of Porous Materials”
Chair: Hongcai Zhou

Daniel Lee Powell ........................................... Biology
Chair: Gil Rosenthal

Jeremiah R. Secrest ........................................ Chemistry
Dissertation: “Formation and Impacts of Atmospheric Aerosols”
Chair: Renyi Zhang

Geng Tian ................................................... Mathematics
Dissertation: “Strong Relative Novikov Conjecture”
Chair: Guoliang Yu

Jonathan P. Tyler ........................................ Mathematics
Dissertation: “Mathematical Modeling of Biological Clocks”
Chair: Jay Walton
Co-Chair: Anne J. Shiu

Syed Muhammad Usama ................................... Chemistry
Dissertation: “Developing Targeted Theranostic Agents for Tumors”
Chair: Kevin Burgess

Min Wang ................................................... Mathematics
Dissertation: “Multiscale Model Reduction and Learning”
Chair: Yalchin Efendiev

Peng Wei ................................................... Mathematics
Dissertation: “Numerical Approximation of Time Dependent Fractional Diffusion with Drift: Numerical Analysis and Applications to Surface Quasi-Geostrophic Dynamics and Electroconvection”
Chair: Andrea Bonito

Joshua David Winner ..................................... Chemistry
Dissertation: “Characterization of Collisional Energy Transfer in Flow Diagnostic Methods”
Chair: Simon North

Xinyu Yang .................................................. Chemistry
Dissertation: “Highly Stable Porous Materials for Heterogeneous Catalysis and Carbon Capture”
Chair: Hongcai Zhou

Li Ying ...................................................... Mathematics
Dissertation: “Stability of Heisenberg Coefficients”
Chair: Frank Sottile

Yingmu Zhang ............................................. Chemistry
Dissertation: “Tuning the Structure and Functionality of Metal-Organic Frameworks via Linker Design”
Chair: Hongcai Zhou
College of Veterinary Medicine and Biomedical Sciences

Doctor of Philosophy

Gaston Andre Casillas ................................................. Toxicology
Dissertation: “Characterizing Recreational Exposure to Contaminants in Houston, Texas Parks After Hurricane Harvey”
Chair: Jennifer Horney

Thaddeus Charles Deiss ........................................... Biomedical Sciences
Dissertation: “Novel Methods of Repertoire Development in the Lymphocyte Antigen Receptors of Bos taurus and Ginglymostoma cirratum”
Chair: Michael Criscitiello

Wisam Salim Hassan ................................................. Biomedical Sciences
Dissertation: “Protective Efficacy of a Borrelia burgdorferi BB0172 Derived-Peptide Based Vaccine Formulation in the Murine Model Against Lyme Disease”
Chair: Maria Esteve-Gasent

Tae Kwon Kim ......................................................... Biomedical Sciences
Dissertation: “Understanding the Complexity of Ixodes Scapularis and Amblyomma Americanum Tick Feeding Through Proteomics for a Multi-Antigen Vaccine Design”
Chair: Albert Mulenga

Sina Marsilio ............................................................... Biomedical Sciences
Dissertation: “Identification of Novel Biomarkers in Cats with Chronic Enteropathies”
Chair: Jörg M. Steiner
Co-Chair: Jan Suchodolski

Travis Parker Mays ...................................................... Biomedical Sciences
Dissertation: “Establishing Decision Limits for Therapeutic Drugs Detected in Animals Exhibited at Livestock Shows”
Chair: Virginia Fajt

Nicole Amrita Mehta .................................................. Biomedical Sciences
Dissertation: “A Novel Approach for Vascularizing Tissue Engineered Cardiac Scaffolds”
Chair: Fred J. Clubb
Co-Chair: Doris A. Taylor

Alyssa Catherine Meyers ............................................ Biomedical Sciences
Dissertation: “Dog-Vector-Parasite Interactions in the Chagas Disease System: Cardiac Clinic Status of Naturally-Infected Dogs Across the U.S.”
Chair: Sarah A. Hamer

Karis Rachel Tang-Quan ............................................. Biomedical Sciences
Dissertation: “Cardiovascular Tissue Engineering: Biophysical Stimulation and Maturation of Cardiac Rings Recellularized with Human Cardiomyocytes”
Chair: Ken Muneoka
Co-Chair: Doris A. Taylor
Ethan Andrew Taylor .................................. Biomedical Sciences
Chair: H. Morgan Scott

Italo Balbo Zecca ............................................ Biomedical Sciences
Dissertation: “A One Health Approach to Study the Epidemiology of Trypanosoma cruzi in Humans, Domestic Animals, and Wildlife in the Rio Grande Valley of Texas Along the United States-Mexico Border”
Chair: Sarah A. Hamer

Doctor of Veterinary Medicine

Katherine Mitchell Kerr .................................. Veterinary Medicine

Margaret K. Morgan .................................... Veterinary Medicine
Candidates for Master’s and Baccalaureate Degrees

Presented by Dr. Jorge A. Vanegas, Dean

College of Architecture

Bachelor of Science

University Studies

Abel Beyene Abraha
Samuel Hendrick Alvarez
Shayla Renee Anderson
Saul Basurto
Hailey Nichole Batot
Blake Thomas Bloom
Helen Annette Brantley
Logan Carlton Burke
Kilian Reed Cahill
Matthew Daniel Casas
Alexa Marie Corbit
Austin Marie Cote
William Blake Divin
Antoine Mikal Duplechin-Holden
Robert James Durbin
Caroline Ferguson
Elizabeth Ann Fleitman
Daniel Garcia II
Jessica Itzet Garza
Johnathan William Gillispie
Damian Guevara
Jordan Chandler Guggenheim
Johanna Elizabeth Henrich
Jared Thomas Henry
Talia Yail Hernandez
Broanna Madison Hill
Angela Michele Hirsch
Jacob Harry Kloeppe
Gage Richard Loflin
Erik Efren Lugo
Miguel Angel Martinez

Dorien Amin Massie
Jared Christian Maupin
Ian Parker Maxwell
Billy Valle Mcbee, Jr.
Lauren Elizabeth McIntyre
Amanda Rene McMahan
Sara Gabriela Milan
Claudia Patricia Montelongo
Thomas Garrett Oswald
Alexis Christine Ann Owens
Hernan Parra
Timothy Ross Pena
Matthew A. Radney
Wallace Lee Reed V
Travis A. Richie
Hector Rodriguez, Jr.
Dustin Joseph Schneider
Maddison Kate Scruggs
Madison Faye Seale
Bailey Kay Sicola
Bethany Ann Skinner
Shane Garrett Spence
Nathan Grant Spika
Sawyer Wade Stiles
Alexander Logan Story
Alyssa Marie Thomas
Taylor Oniel Warren
Jacob Owen Weingrad
Nathan Jacob Weston
Kathrine Anne Whitaker

Department of Architecture

Master of Architecture

Architecture

Rafael Cameron Calvillo III
Master of Science
Architecture
Jounghwan Ahn
Seda Tuzun Canadinc

Bachelor of Environmental Design
Environmental Design Architectural Studies
Frank Gaines Abbott III
Esteban Armenta Almanza
Karen Janeth Martinez

Department of Construction Science
Master of Science
Construction Management
Daniel Leal Hirsch

Bachelor of Science
Construction Science
Hasanain Nizar Ali
Natalie Ananela Arredondo
Albert Christopher Arthur
Aaron Christopher Blume
Chandler Davis Boone
Nathan James Brown
Brandon Ray Coker
Christopher James Cunningham
Jason Dale Cunningham
John Thomas Darling
Jorge Xavier De La Garza
Francisco Julian Falcon
Garrick James Frankeny
Arnoldo Garcia, Jr.
Rene Boderick Garza
Daniel John Gazda
Victoria Rae Gutierrez
Joseph David Hafertepe, Jr.
Alexander Kirkland Harris
Joseph Ryan Hart
Derek James Henicke
Christopher Bradley Higgins
Ian Chyi Huei Ho
Thomas Day Holmes
Riley Edward Hood

David Alan Hornung II
Philip Kody Johnston
Kristopher James Kidwell
Joshua Joseph Kuhnek
James Robert Labruyere III
Krysta Layne McDowell
Brett D. McGhee
Bo Austin McGraw
Brannon Jeffrey McInerney
Maxfield Hunter McKenzie
Michael Edward Newman
Seth Thomas Pate
Matthew Cole Podlewski
Eric Jordon Pond
Ross Goeglein Porter
Ashton Taylor Robinson
Consuelo Angelica Santana
Reid Franklin Schiffbauer
Robert Colson Shepherd
Nicholas Joseph Sifuentez
Suril N. Soni
Sam Cole Strouhal
Kevin Cody Wallace
Ryan Lee Ware
Department of Landscape Architecture and Urban Planning

Master of Landscape Architecture

Landscape Architecture

Yinghui Chen          Huiyu Wang

Master of Urban Planning

Urban and Regional Planning

Xiaoyu Hu            Jani Rebekah Wertin

Bachelor of Landscape Architecture

Landscape Architecture

Louis Patrick Birdsong     Charles Wyatt Marsh
Lilian Katherine Kao      Mauricio Olivares Salazar

Bachelor of Science

Urban and Regional Planning

Katherine Paige Beadle       Alexis Hernandez
Katherine Elizabeth Brief    Jose Andres Munoz
Ryan Madison Clark          Christian Andrew Poche
Andrew Brandon Glazener    Bao-Chau Kara Vo

Department of Visualization

Master of Fine Arts

Visualization

Mallory Layne Kohut         Annie Sungkajun

Master of Science

Visualization

Margaret Elizabeth Cook     Sarah Ann Suther
Madison Grace Kramer

Bachelor of Science

Visualization

Alexander Brent Diamont    Alexander Ryan Korinsky
Meghan Elizabeth Grayson   Yuan-Chi Lee
Megan Elizabeth Guy        Joanna Levine
College of Dentistry

Presented by Dr. Lawrence E. Wolinsky, Dean

Master of Science
Oral Biology
Runyi Mao

College of Education and Human Development

Presented by Dr. Joyce M. Alexander, Dean

Department of Educational Administration and Human Resource Development

Master of Education

Educational Administration

Victoria Avila-Olivares
Maribel Barrera
Mayela Alejandra Barrow
Brooke Ashley Burns
Roger Castillo
Cristal Iris Compean
Patsie Lou Desantiago
Christian Joel Diaz Muniz, Sr.
Norma Gonzalez
Gabrielle Aubrey Houston
Maricela Jimenez
Melissa Phelsha Lecounte
Mayra A. Mancilla
Melissa Ann Mazurkiewicz
Andrea Lynn McMurray

Taylor Alexandra Northfell
Maribel Oropeza
Diana Cristina Rios
Rocio G. Ruiz
Ixchel Hernandez Saenz
Robert Salcedo
Lauren Heather Sander
Ana E. Thomas
Diane L. Velasquez
Amalia Martinez Villarreal
Claudia Leigh Walker
Kimberlyn Denise Webb
Lauren Elizabeth Willen
Charles R. Zemanek III

Master of Science

Educational Administration

Aaron Christian Harbaugh

Educational Human Resource Development

Jodi Marie Bell
Brittany Rae Crabtree
Christopher Karl Grunkemeyer
Ashly Elizabeth MacCoy

Alida Myburgh
Erin Joyce Piedra
John David Roddy
Bachelor of Science

Human Resource Development

Victoria Nicole Alexander
Lindsey Michelle Andrus
Renee N. Bayer
Taylor Nicole Bell
Taya Murjani Berry
Brittain Gayle Bertrand
Erin Taylor Brim
Allison Taylor Brown
Alyssa Michele Buzek
Katheryn Elizabeth Cardenas
Caroline Elizabeth Cloninger
Taylor Rene Conger
Alexandra Nicole Deleon
Madison Paige Domagas
Ashleigh Michele Foley
Lesley Nicole Guthmann
Holli Ann Harris
Tricia Elaine Hika
Gracie Parrigin Hilton
Britney Ann Holcombe
Alixandra Lynn Hubley
Candice Elaine Johnson
Joy Elizabeth Johnson
Christine Grace Lenzsch
Christina Lauren Lewandowski
James Luke Littlejohn
Madison Ruth Malsch
Megan Brooke McDivitt
Karla G. Monge
Tanner Bruce Moseley
Madison Dawn Murray
Amber Patel
Zoe Elizabeth Penner
Jacob Wayne Rogers
Haley Nicole Sabrsula
Karolyn M. Scheetz
Caroline Marie Turnage
Brasly Patrick Vitek
Samantha Erin Warriner

Technology Management

Anthony Francis Basile
Jeffrey Connor Blackard
Antonio M. Brandon II
Ryan Mcanulla Burns
Bryce Connor Burwitz
Janelle Melisse Cavazos
Christopher James Choquette
William Andrew Dell
James William Austin Elbert
Josue Cristobal Garcia, Jr.
Oscar Enrique Lopez
Layne Ryan Moore
Hayden Isaac Nichols
David Marcus Reeder
Juan Antonio Rojas
Nathan Henry Taylor
Landon R. Tice

Department of Educational Psychology

Master of Education

Educational Psychology

Whitney M. Brown
Suzette Alejandra Cruz
Shu-Feng Hong
Rebecca Anne Quinlan
Christopher Ryan Schrader

Educational Technology

Erin Courtney Currie
Amanda Jo Davis
Nathan McDowell Duke, Sr.
Hannah Jo Elliott
Ashleigh Therese Haworth
Shirley Marianne Isbell
Emily June Krause
Jeffrey Michael Lowry
Diane Louise Taylor-Revere
Wenting Weng
Kristine Renee Williams
Special Education

Mary Lynette Katlin Bible  Miguel Anthony Capers

Bachelor of Science

University Studies

Samantha Lee Buchanan  Kelsea Leigh Putnam
Sophia Margaret Finkbeiner  Cortney Lyn Mae Wyatt

Department of Health and Kinesiology

Master of Science

Health Education

Elvia Guadalupe Granados  Chia-Hung Lin
Elijah Logan Hirschmann  Taylor Delane Uselton

Kinesiology

Joshua Dempsey  Shaik Taher Ullah
Richard Fuentes  Karina Lisette Wilson
Matthew Otis McCullough

Sport Management

Samantha Paige Atchley  Courtney Catherine Nelson
Tristan Truman Cooper  Alundis Tyja Pledge
Travis Alan Crain  Randy Alan Smith
Dallas M. Defoor  Terence Charles Stewart
Hailey Ann Harris  Shaneisha Evonne Weir
Tanica Yvonne Jamison  Scott Alan Witherell

Bachelor of Science

Community Health

Ashley Victoria Ahlhorn  Sarina Nilesh Naik
Cole Edward Arnold  Lindsey Jane Peak
Maggie Jane Backs  Jennifer Denali Pearson
Mark Russell Bielski  Stacey Febe Peralta
Vanessa Carrizales  Michael Joshua Ray
Carolina Astrid Cavazos  Nancy Elizabeth Saldivar
Kacie Marie Connell  Lauren Ashley Sampson
Abby Kay Fowlkes  Jordan Rhean Schramm
Leah Marie Gheida  Tara Anne Smith
Ashley Marie Gunnels  Weather Deenae Smith
Kyle Bryan Hendricks  Desire Anche Thorne
Rebecca Marie Langford  Lorena Villarreal
Courtney Faith Meier  Kylie Madison Wilson
Cody Jordan Mircovich  Leslie Anne Wilson
Health

Regan Nicole Bradshaw
Thomas William Brodie
Elizabeth Ann Marie Cline
Austin Jeffrey Couverette
Alina Maria Cuttino
Tran Dang
Jennifer Ann Flieller
* Linda Hernandez
Megan Anne Holley

Laura Anne Klumb
Ethan Ramon Mauricio, Jr.
Isaac Alexis Mendoza
Ashley Cianne Murrey
Elisa Perez
Insaif A. Sharif
Shelby Renee Varner
Zachary Dylan Williams
Callie Nichole Wycough

Kinesiology

Christine Jian-Noelle Betts
Christyn Columbia Bratcher
Elizabeth Catarina Callis
Carolina Cisneros
Caroline Emily Counts
Savannah Payton De La Rosa
Stephanie Ann DesJardin
Diamond Monet Dobbins
Karla Marie Espinosa
Tessa Janece Esquivel
Sarah Michelle Franklin
Kyle Bernard Frankovich
Aaron Archer French
Samantha Leigh Garcia
Sarah Margaret Gilbert
Morgan Lyn Gooding
Braxton O. Graham
Tanner Kane Jones
Paige Nicole LaVoy
Alexis Nichole Mandigo

Caddie Lynn McCollum
Brooke Alexandra Merrill
Joshua Robert Meyer
Alejandra Moreno Arreola
Andrew Duc Nguyen
Kaitlyn Marie Ong
Rebekah Kathleen Ortiz
India Rae Perez
Rebecca Ann Rowe
Victoria Marie Saenz
Frank Alexis Salgado
Rachel Marie Sullivan
Nikolas Joseph Tesalona
Sarah Alice Tiner
Kathryn Angela Wallace
Autumn Elizabeth Wilcox
Sean Nicholas Williford
Tiffany Marie Wolfe
Ashley Nicole Woodruff

Sport Management

Chloe Rose Adkins
Steven Paul Aguilar
Aaron Jacob Anderson
Taylor Paige Arrington
Belinda Marie Bernardo
Ryan Carl Campbell
William Grant Carter
Sean William Church
Bryce Tyler Deadmon
Alexander Gerald DeClaire
Julieanna Marie Diaz
Kennedy Danielle Ellington
Briana Renee Escobar
Rafael Esparza
Jackson Shaver Graf
Thomas Ryan Grover
Sara Dolores Hawkey
Meredith Suzanne Johnson

Trevor Richard Kleikamp
Adlai Jordan Koepp
Derek Chase Krouse
Joseph David Kuenzli
Elaina Bernice Latz
Peter Lin
Sarah Catherine Lucas
Crystal Madrid
Isabella Ann Martin
Michael Charles McCord
John Kenneth Midkiff
Cheyenna Maria Mitchell
Matthew Dale Molden
Jordan Ashley Morris
Jarra Javone Owens
Nadya Pakes
Frank Lane Phillips
Chandler Brett Poe

* Double Major
Reagan Nicole Reed  
Cadie Makenzie Reneau  
Christopher Don Rollins, Jr.  
Nicholas James Romeo  
Logan Travis Stanford  
Logan Rhys Stewart  

Tyler James Tumbleson  
Tristen Demetris Valdez  
Tristan Stone Wilson  
John Kaleb Womack  
Michael Richard Zartler

University Studies

Benjamin Erick Anderson  
Garett Thomas Froats  
Tyler Lawrence Foster  

Macy Noel Lawson  
Jeremiah Noel Lawson  
Christopher Ryan Wettig

Department of Teaching, Learning and Culture

Master of Education

Curriculum and Instruction

Sarah Catherine Alders  
Abbey Kristine Arends  
Yang Bai  
Jacob Robert Beaty  
Bonita Michelle Booker  
Cassandra Leah Brawner  
Kennedy Vashelle Brown  
Rachel Elisabeth Buraczyk  
Jacob Chris Callen  
Carmen Alejandra Carrillo Magana  
Man-Wai Chan  
Kristie Eastep Clark  
Sarah Marie Coe  
Claire Mcmillan Cole  
Robert Alfredo Cotto-Thorner  
Claire Elizabeth Crouch  
Megan Catherine Daley  
Sarah Elizabeth DeLay  
Rachael Jean Dick  
Cassandra Anne Dugue  
Hayley Rene’ Dumesnil  
Cydnee Victoria Elrod  
Cynthia Slaydon Falco  
Rebecca Taylor Fedun  
Rebeca Regina Garcia  
Isabella Julia Gonzales  
Katia Gonzalez  
Natalie Rae Gordon  
Lindsey Carol Marquez  
Guthrie Mikulec  
Heather Ashley Halfmann  
Eunhae Grace Han  
Madison Ann Haran  
Daisha Renee Heard  
Hannah Rook Henderson  

William Cole Henderson  
Larissa Nicole Hernandez  
Efrain Hernandez-Casillas  
Courtney Danielle Hinojos  
Christian E. Hogue  
Reem Mohammed Hussein  
Emery Jo Ives  
Alyssa Kathleen Jackson  
Erica Nicole Jackson  
Jessica Ann James  
Holly E. Johnson  
Lindsey Marie Jones  
Jasmine Jehan Khaelel  
Lauren Ann Kissingler  
Kacee Michele Lambricht  
Caroline Elizabeth Long  
Paige Ashton Losack  
Randall L. Lynn  
Alexandra Lauren MacGrandle  
Daisy Aylin Macias  
Karol Ann Moore  
Chantel Elizabeth Morettzaee  
Kate Elizabeth Mrak  
Devin Shae Norton  
Pamela Palermo Flores  
Sarah Darling Punas  
Sara Beth Pieprzica  
Kendall Shae Price  
Kayla Alexandra Rambeau  
Camilla Ruth Rhone  
Katherine Helen Rimer  
Samantha Grace Rojano  
Lori Allison Schaefer  
Caroline Nicole Seegmiller  
Sandra Marie Sepulveda  
Randy William Stevenson
Kendall Maya Tester  
Courtney Thomas  
Katherine Claire Thomson  
April Ellen Tillinghast  
Alexandria Nicole Turner  
Maiya Ayhana Turner  
Morgan Elizabeth Turner  

Alexandra Sofia Venegas  
Logan Christopher Weinert  
Ashley Denise Williams  
Montana Amber Williams  
Kaitlyn Shea Winn  
Catherine Miller Young  
Qiuge Zhang  

Master of Science  

Curriculum and Instruction  

Hyeseung Lee  

Bachelor of Science  

Interdisciplinary Studies  

Daiza Vonbritnni Burleson  
Rees Arentina Clapperton  

Emily Allison Pavlas  

College of Geosciences  

Presented by Dr. Debbie Thomas, Dean  

Bachelor of Science  

Environmental Geoscience  

Marykathryn Campos  
Zoe Penelope Cares  
Shannon Lynn McGuire  

Cole Michael Perry  
Alison Carroll Van Fleet  

Environmental Studies  

Taylor Lynn Hill  

Eduardo Torres  

Department of Atmospheric Sciences  

Master of Science  

Cihat Kurt  

Bachelor of Science  

Meteorology  

Corbin Alan Voges
Department of Geography

Master of Science

Geography

Nicole Ashley Casamassina  Rhett Jon Douris
Xingchen Chen    Lacy Dawn Monier

Water Management and Hydrological Science

Siddharth Singh

Bachelor of Science

Geographic Information Science and Technology

Miko Choi Griffin  Alejandra Sarai Lopez Camero

Geography

Matthew Aaron Powell

Department of Geology and Geophysics

Master of Science

Geology

Meagan Elizabeth Depugh  Ana Cristina Figueroa

Bachelor of Arts

Geology

Mitchell Ray Black

Bachelor of Science

Geology

Stefan Mihai Boise  Calli Madison Provenza
Melanie Ann Brewer  Zachary Edward Renfrew
Preston Louis Dupree  Andrew Paul Robertson
Jesus Garcia, Jr.  Clayton Charles Rowden
Haden Scott Mandery  Colton James Scott
Shawn Garrison Miller  Mimi Alexandria Smith

Geophysics

Mark Lawrence Parus
Department of Oceanography

Master of Ocean Science and Technology

Ocean Science and Technology

Christian John Nygren

Master of Science

Oceanography

Shu Ying Wee

College of Nursing

Presented by Dr. Nancy L. Fahrenwald, Dean

Master of Science in Nursing

Family Nurse Practitioner

Victoria Jean Barron
Kimberly Maureen Belgum
Amy Leanne Campbell
Casey Jeanne Chisum
Sarah Katelyn Davis
Alice Mae Eure-Becerra
Pedro Garcia, Jr.
Melodi Fulya Genceli-Ozkan

Eslin Mary Joseph
Donna Raef Kizziar
Kelsey Nicole Martin
Hope Elizabeth Odom
Alexandria Noel Seawell
Emily Anne Wallace
Amanda Deann Wiegel
Rosalie E. Wright

Bachelor of Science in Nursing

Nursing

Christiana Oluwatoyin Adesanmi
Martha Renee Aguilera
Lilly Dawn Balsamo
Emily Elizabeth Brooks
Kaden Bryan Callihan
Miacayla Leigh Carmona
Madyson Renee Cassano
Madison Quiros Clark
Emily Grace Cooley
Sarah R. Cooley
Christina Jane Corkran
Jessica Lee Crotts
Jaime Lopez Cruz
Lorena Taylor Esquivel
Danielle Ann Garcia
Jamie Elizabeth Gibbs
Ashley Nicole Gonzalez
Emma Frances Grysinski
Brittany Ann Hopkins

Sarah Ashley Interrante
Austin Matthew Isaac
Rachel Victoria Johnstone
Jessica Nicola Kirma
Kendall Elizabeth Klabenes
Christianna Marie Konstans
Alyssa Grace Le
Angela Lea Lewis
Mary Alissa Lonsberry
Shelby Carter Low
Emorie Paige Mazoch
Mary Catherine McIntyre
Amy Madeline McNicoll
Kaitlyn McKenzie Miller
Darby Justine Montilla
Rachael Elizabeth Morgan
Hannah Renee Muszynski
Devon Isabella Norris
Jennifer Lynn Patterson
Brooke Danielle Scherer
Alexandria Marie Silver
Keely Laine Smith
Faith Anne Stewart
Paige Alexandra Ward

Rachel Elaine Weems
Katherine Rebecca Wendlandt
Brittany Ann Wilson
Rachel Kailyn Wood

School of Public Health

Presented by Dr. John R. August, Interim Dean

Bachelor of Science

Public Health

Kennedy Allyson Campbell
Asim Navroz Karimali
Raissa Ngala Lubanda
Raonaq Islam Mia

Rachel Argelia Rodriguez
Kaytlyn Ashley Salmons
Mikaela Joyce White
Carolina Zamora

Department of Epidemiology and Biostatistics

Master of Public Health

Biostatistics

Lu Chen
Chikaodinaka Ihuka Chikwendu

Jeong Won Han

Epidemiology

Usman Enesi Ahmed
Rachel Catherine Andrews
Lan N. Bui
Sheila N. Buoys
Cassie Jade Culver
Zuri J. Dale
Dharmraj Dilip Giri
Alyssa Danielle McNulty

Temitope Kofoworola Oloyede
RANU
Alicyn Annette Schneider
Elizabeth Oluwafunmilayo
Soladoye
Nsikak Ntiense Ubon-Israel
Chike Junior Chidera
Ifeanyichukwu Udoye

Department of Health Policy and Management

Master of Health Administration

Health Adminsitration

Christy Tremont Ankrom
Penny Lynne Black
William Hernan Guerra
Kara T. Hill
Jordan Ross Kahan
Alex Christopher Kane

Andrew Denis Leblanc
Oscar M. Loredo
Renu Singuluri
Charles Everett Thompson
Joshua Nolan Toole
Master of Public Health

Health Policy and Management

Samson Akingbade Olowolaju

Department of Health Promotion and Community Health Sciences

Master of Public Health

Health Promotion and Community Health Science

Oreoluwa F. Alli
Hannah Ingeborg Debner
Gabrielle Frances Duhon
Theresa Marie Fenner
Hannah Elizabeth Hoffman
Yetunde Olabosipo
Kare-Opaneye

Ilexis Tylisa Lindsey
Oluyomi Oloruntoba
Jonathon Scott Rodriguez
Sarah Lynn Sanchez

College of Science

Presented by Dr. Valen E. Johnson, Dean

Bachelor of Science

University Studies

Morgan Reilly Sanner

Department of Biology

Master of Science

Biology

Chenyu Wang

Genetics

Brian Andrew White

Bachelor of Arts

Biology

David Martinez

True Nguyen
Bachelor of Science

Biology

Courtney Marie De Ville
Megan Ashlee Gutierrez
Gabriella Paige McFadden
Martha Melissa Navarro
Danielle Mackenzie Neal

Joanie Elizabeth Painter
Briana Michelle Portis
Mitchell Lawrence Schallenberg
Nicholas Austin Suydam
Lindsey Noelle Woods

Zoology

Citlalli Elis Pina

Department of Chemistry

Master of Science

Chemistry

Melih Baci

Bachelor of Science

Chemistry

Kendy Giselle Cantu

Department of Mathematics

Master of Science

Mathematics

Huy Duc Bui
Kristi Myrna Burks
KariAn Nicole Geoghegan

Bachelor of Science

Applied Mathematical Sciences

Salar Azam Fahim
Trevor Charles Wieland

Department of Physics and Astronomy

Master of Science

Astronomy

Sarah Anne Cantu

Physics

Elham Azadbakht
Nathaniel Alexander Herbert

Zicheng Wang
Bachelor of Science

Physics

Shelby Alicia Michals
Zachary Cleveland Robertson

Rolla McCrae Wattinger

Department of Statistics

Master of Science

Statistics

Taylor Consoliver
Mark Andrew Gray
Lukang Huang
Justin Bryan Jones
Michael Brandon McPhail

Anna Lee Obryan
Yingchih Wang
Cheng Zhang
Weixi Zhu

College of Veterinary Medicine and Biomedical Sciences

Presented by Dr. Elizabeth Crouch, Associate Dean

Bachelor of Science

Biomedical Sciences

Yusuff Adetoyese Adewale
Rhema Catherine Agyeman
Sarah Arredondo
Rene Badillo, Jr.
Lauren MacKenzie Bersano
Kelly Elizabeth Boucher
Bailey Ann Bullock
Dominic Charles Campbell
Spring Castrellon
Brice Gary Caughron
Vijay Ilango Chandran
Austin Ray Chaney
Kayla Nichole Corey
Austin Elby Coull
Dylan Wyatt Crocker
Reagan Alexander Czuba
Valeria De Leon
Divya Rohit Desai
Brittany Nicole Diaz
Kyle Louis Dunmon
Catherine Elizabeth Fuller
Maribel Garcia
Dayanara Anahi Garza
Jana Marie Gigliotti
Luke David Glastad
Cassie Renee Godfrey
Sakshi Goel

Analisa Michelle Gonzalez
Pedro Gonzalez
Amanda Brooke Green
Jake Ryan Hall
Robyn Nicole Hall
Bryanna Paige Hamm
Jessika Kae Harris
Wyatt Thiele Henrichson
Angel Unwana Ikpatt
Marin Naomi Ivers
Victoria Marie Jacobsen
Michael Charles Jimmerson
Joshua Paul Judice
Ramlah Nihal Khan
Madison Tayler Lange
Kenneth Khanh Le
Victoria Morgan Elaine Lightfoot
Samantha Nicole Lowrey
Shelby Babu Lukose
Kevin Michael Ly
Vanessa Alejandra Marcano
Safina Mehdi Maredia
Jacob Andrew Maresh
Megan Kristin Marthiljohni
Teodoro Alexander Mendez
Kiera Skyler Merritt
Melody Claire Miller

* Double Major
Kayla Lorraine Miranda
Danielle Nicole Morea
Kristin St. John Moreno
Mallory Aislyn Morris
Ankit Nanda
Devin Ngai
Marjorie Thien Huong Nguyen
Mikayla Madison O’Leary
Ogheneyoma Isaiah Ogbevire
Noelle Denise Olivarez
Michael Opoku
Rajiv Alkesh Patel
Katherine Elizabeth Plau
Jacob Michael Prater
Jose Angel Puente, Jr.
Erfan Ar Rahman
Gabriela Alejandra Reyes
Krislynn Nicole Rios
William Keith Schmidt
Emily Mae Scott
Andrew Richard Scowcroft
Rachel Marie Sellers
Akshay Selvakumarraj
* Anna Elizabeth Sneed
* Shannon Marie Storey
* Naila Jacqueline Telles
* Hannah Ashley Troy
* Henrique Arballo Valim
* Chelsea Nicole Vargas
* Tiffanie Amber Vargas
* Christopher James Wainerdi
* Nathan Alexander Werts
* Justin Lewis Winans

University Studies

Sheila Denise Angeles
Madison Anne Barber
Megan Elizabeth Hellwig
Jaiden Michelle Johnson
Ramon Clemente Lebron
Leon Lam Nguyen
Madison Riley Ross
Elizabeth Leigh Shepard
Cameron Logan Thompson
Michael Lane Tuck II
Xilonen Marisol Vasquez- Lopez

Department of Veterinary Integrative Biosciences

Master of Science

Biomedical Sciences

Cody Lane Lyons
Sarina Marie Obeid

Veterinary Public Health - Epidemiology

Cyrena Dawn Petersen

Department of Veterinary Large Animal Clinical Sciences

Master of Science

Biomedical Sciences

Abigail Chinazam Onwunali

Department of Veterinary Pathobiology

Master of Science

Biomedical Sciences

Molly Caroline Friedemann

* Double Major
Department of Veterinary Physiology and Pharmacology

Master of Science

Biomedical Sciences

Benjamin Guy Daniel                Jae Wan Kim

Department of Veterinary Small Animal Clinical Sciences

Master of Science

Biomedical Sciences

Bradly Adam Mendez
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.

Paris Ann Bean ........................................ BS Psychology
Eikagra Sharma ................................. BS Computer Science
Sallie Elizabeth Sherman ................... BS Animal Science

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 3.50 to 3.699.

Magna Cum Laude: A student may be graduated Magna Cum Laude with a Grade Point Average of 3.70 to 3.899.

Summa Cum Laude: A student may be graduated Summa Cum Laude with a Grade Point Average of 3.90 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.

Jaina Sarai Aparicio ................................. BA English
Reagan Ford Ashley ................................. BA Political Science
Paris Ann Bean ................................. BS Psychology
Taylor Nicole Bell ...................... BS Human Resource Development
Zoe Penelope Cares ...................... BS Environmental Geoscience
Yuan-Chi Lee ................................. BS Visualization
Ankit Nanda ................................. BS Biomedical Sciences
Aaron Vince Perrine ...................... BS Computer Science
Anna M. Sasaki ................................. BA International Studies
Sarah Alice Tiner ................................. BS Kinesiology
Riley Cole Womack ................................. BA English
Academic Regalia

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

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

Gonfalons

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

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

College of Architecture. The inner triangle represents the essential insight of the social, economic, and political forces that shape our environment. The surrounding pyramid is an ancient symbol of the creative intellect. The interweaving bands of white below the pyramid form the necessary interaction of science and art.

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

College of 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.

College of Geosciences. The white field reveals a yellow sun representing our surrounding atmosphere. The mountain peaks and the horizontal band of golden land represent the lithosphere. The banded waves of white signify the hydrosphere. The atmosphere, lithosphere and hydrosphere form the total environment for life in our world.

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.

College of Liberal Arts. The golden torch symbolizes the various disciplines lighting the path to our goal, “Knowledge for Life.” The circle of blue, the traditional color of knowledge, represents the college’s unending, unbroken commitment to scholarship, learning, and responsible citizenship.

School of Law. With its emphasis on peace, the olive leaves embody one of the most important tenets of the successful practice of law. Rounding inward, the leaves also echo that most meaningful symbol of the Aggie Ring - a unifying and unending circle of camaraderie and fellowship. The Lady Justice symbolizes the attributes our graduates have mastered as they enter their legal careers. Through the principles of strength (sword), fairness (scale), and objectivity (blindfold), Aggie Lawyers are prepared to represent our University honorably. With a nod to Texas A&M’s Core Values, the six stars acknowledge the attributes of Respect, Leadership, Loyalty, Excellence, Selfless Service, and Integrity, characteristics that define each one of our graduates.

College of Medicine. The white field provides a background for the Aesculapian staff and serpent, long used as the symbol of the healing arts. The green color is the same displayed on the hoods and robes worn for the degree of Doctor of Medicine.
**College of Nursing.** The stars on the College of Nursing gonfalon represent caring, innovation and empowerment, while the cross symbolizes the origins of nursing. The candle honors the founder of nursing, Florence Nightingale. Apricot is the color of nursing.

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

**College of Science.** This symbol’s segments represent the five departments of the College of Science—Biology, Chemistry, Mathematics, Physics and Astronomy, and Statistics. The interweaving of each depicts their close relationship to each other. The inner quilting represents the intellectual search in science and its continuing growth.

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

By Mimms-Dunn

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

Chorus

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

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

Being an Aggie lasts a lifetime! It is a life-long 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 take their way around the world and EVERYWHERE that the Aggie Network needs us to be.