



TEXAS TECH UNIVERSITY
CENTENNIAL

COMMENCEMENT

Summer 2023 | August 5

Lubbock, Texas





TEXAS TECH UNIVERSITY®

SUMMER 2023

Commencement

Saturday, August 5, 2023
UNITED SUPERMARKETS ARENA

9:00 a.m. and 1:30 p.m.
LUBBOCK, TEXAS

TABLE OF CONTENTS

Administration		3
About Texas Tech University		4
Undergraduate and Graduate Commencement Ceremonies		8
Letter from the President		10
Commencement Speakers		11
Acknowledgements		13
<i>Convocations Committee</i>		
<i>Program Production</i>		
<i>College Readers</i>		
<i>Administrative Representatives</i>		
<i>Student Banner Bearers for Ceremonies</i>		
<i>Faculty Banner Bearers for Ceremonies</i>		
<i>Library Banner Bearers for Ceremonies</i>		
Presidential Mace		14
Graduation Honors		14
Candidates for Teacher Certification		15
Candidate for Military Commission		15
List of Graduate Degree Candidates		16
List of Undergraduate Degree Candidates		27
Texas Tech Traditions		35
College Banners		36
Academic Dress and Procession		38
Seating Chart		40

MISSION

As a public research university, Texas Tech advances knowledge through innovative and creative teaching, research, and scholarship. The university is dedicated to student success by preparing learners to be ethical leaders for a diverse and globally competitive workforce. The university is committed to enhancing the cultural and economic development of the state, nation, and world.

LAWRENCE E. SCHOVANEC, Ph.D.

*President;
Professor of Mathematics and Statistics*

RONALD L. HENDRICK, Ph.D.

*Provost and Senior Vice President;
Professor of Natural Resources Management*

JOSEPH HEPPERT, Ph.D.

*Vice President for Research & Innovation;
Professor of Chemistry*

NOEL SLOAN, J.D., CPA

*Senior Vice President for Administration & Finance;
Chief Financial Officer*

JORGE IBER, Ph.D.

*Interim Vice President for Campus Access and Engagement;
Professor of History*

TEXAS TECH UNIVERSITY SYSTEM CHANCELLOR / BOARD OF REGENTS

TEDD L. MITCHELL, M.D.

*Chancellor,
Texas Tech University System*

MR. DUSTY WOMBLE

Lubbock, Texas

MR. CLAY CASH

Lubbock, Texas

MR. MARK GRIFFIN

*Chairman
Lubbock, Texas*

MS. ARCILIA ACOSTA

Dallas, Texas

MR. TIM CULP

Midland, Texas

MS. GINGER KERRICK DAVIS

*Vice Chairwoman
Webster, Texas*

MR. CODY CAMPBELL

Fort Worth, Texas

MS. SHELLEY SWEATT

Wichita Falls, Texas

MR. PAT GORDON

El Paso, Texas

MS. STEELEY SMITH

Mason, Texas

ACADEMIC OFFICERS

MARK SHERIDAN, Ph.D.

*Vice Provost for Graduate and
Postdoctoral Affairs;
Dean, Graduate School;
Professor of Biology*

URS PETER FLUECKIGER, M.Arch.

*Dean, Huckabee College of Architecture;
Professor of Architecture*

JILL HERNANDEZ, Ph.D.

*Dean, Honors College;
Professor of Philosophy and Humanities*

JACK NOWLIN, Ph.D., J.D.

*Dean, School of Law;
Professor of Law*

TOSHA DUPRAS, Ph.D.

*Dean, College of Arts & Sciences;
Professor of Anthropology*

TIM DODD, Ph.D.

*Dean, College of Human Sciences;
Professor of Hospitality Management*

GUY LONERAGAN, Ph.D.
*Dean, School of Veterinary Medicine;
Professor of Food Safety and Public Health*

MARGARET L. WILLIAMS, Ph.D.

*Dean, Jerry S. Rawls College of
Business Administration;
Professor of Management*

DAVID D. PERLMUTTER, Ph.D.

*Dean, College of Media & Communication;
Professor of Journalism and
Creative Media Industries/Public Relations*

EARNSTEIN DUKES, M.L.S.

*Dean of Libraries;
Librarian*

JESSE PEREZ MENDEZ, Ph.D.

*Dean, College of Education;
Professor of Education*

MARTIN CAMACHO, D.M.A.

*Dean, J.T. & Margaret Talkington
College of Visual & Performing Arts;
Professor of Music*

CLINT KREHBIEL, Ph.D.

*Dean, Davis College of Agricultural
Sciences & Natural Resources;
Professor of Animal Science*

ROLAND FALLER, Ph.D.

*Dean, Edward E. Whitacre, Jr.
College of Engineering;
Professor of Chemical Engineering*

PATRICK C. HUGHES, Ph.D.

*Dean, University Studies;
Professor of Communication Studies*

FROM ITS VERY BEGINNING the Texas Tech University community has had a sense of destiny and an awareness of the impact it could and would have on Texas and the wider world. Originally named Texas Technological College, Texas Tech opened in 1925 with six buildings, four schools (Agriculture, Engineering, Home Economics, and Liberal Arts), and an enrollment of 914. Texas Tech grew rapidly after World War II, and in 1969 the Texas legislature approved a name change to Texas Tech University. In the years since, Texas Tech has grown to become the largest comprehensive higher education institution in the western two-thirds of the state. The university is the major institution of higher education in a region larger than 46 of the nation's 50 states.

Today, Texas Tech continues to thrive, with more than 40,000 students enrolled in its 11 colleges: Davis College of Agricultural Sciences & Natural Resources, Huckabee College of Architecture, Arts & Sciences, Jerry S. Rawls College of Business Administration, Education, Edward E. Whitacre, Jr. College of Engineering, Honors College, Human Sciences, Media & Communication, J.T. & Margaret Talkington College of Visual & Performing Arts, the Graduate School, and University Studies.

Because of its educational scope and purpose, as well as the size of the region it serves, Texas Tech University operates in numerous Texas locations beyond the Lubbock campus. In all, the Texas Tech University System includes Texas Tech University, Angelo State University, Midwestern State University, Texas Tech University Health Sciences Center, and Texas Tech University Health Sciences Center at El Paso.









SINCE TEXAS TECH'S FIRST graduation ceremony in the spring of 1927, more than 200,000 undergraduate and graduate degrees have been awarded by the university. From these proud graduates have emerged captains of industry, world-renowned surgeons, noted authors, famous singers, acclaimed teachers and professors, attorneys, entrepreneurs, agronomists, scientists, professional athletes, and countless others who have claimed positions of service and responsibility in a rapidly changing world.

Texas Tech University alumni and graduates have governed states, flown in space, served as Presidential cabinet members, won Olympic gold medals, served as ambassadors to foreign countries, acted on Broadway stages, won Pulitzer Prizes, served in Congress, led Fortune 500 companies, and been watched by millions on network television news.

All Texas Tech graduates can point with pride to the solid academic preparation they received and the personal connections they made as Red Raiders. For beneath the spacious skies of West Texas and in the halls of brick and tile through which they strolled during their time on campus, generations of Texas Tech students have been provided a foundation for success that is without parallel. As they take their first steps into careers that will see many of them literally change the world, they can remember with certainty one important fact about Texas Tech University:

From here, it's possible.

COMMENCEMENT CEREMONY

Saturday, August 5, 2023

9:00 a.m.

Presiding	Dr. Lawrence Schovanec <i>President, Texas Tech University</i>
Processional*	Texas Tech Commencement Band <i>Dr. Sarah McKoin, Conductor</i>
National Anthem	Ms. Emma Steiner <i>TTU Doctoral Candidate</i>
Welcoming Remarks	Mr. Mark Griffin <i>Chairman, Board of Regents, Texas Tech University System</i>
Student Speakers	Mr. Luke Fuerniss <i>Doctor of Philosophy in Animal Science, August 2023</i> Ms. Ashley Stoddard <i>Bachelor of Science in Agricultural and Applied Economics, August 2023</i>
Conferring of Degrees	Dr. Lawrence Schovanec Dr. Ronald Hendrick <i>Provost and Senior Vice President</i>
Recognition of Outstanding Students Class of 2023	Dr. Ronald Hendrick
Charge to the Graduates	Dr. Lawrence Schovanec
Alma Mater <i>(Words on Back Cover)</i>	Ms. Emma Steiner <i>TTU Doctoral Candidate</i>
Presentation of Degree Candidates	Dr. Mark Sheridan, <i>Vice Provost for Graduate and Postdoctoral Affairs; Dean, Graduate School</i> Dr. Clint Krehbiel, <i>Dean, Davis College of Agricultural Sciences & Natural Resources</i> Dr. Martin Camacho, <i>Dean, J.T. & Margaret Talkington College of Visual & Performing Arts</i> Dr. Jill Hernandez, <i>Dean, Honors College</i> Dr. Tim Dodd, <i>Dean, College of Human Sciences</i> Dr. Tosha Dupras, <i>Dean, College of Arts & Sciences</i>
Closing of Ceremony	

** Please remain seated during the Processional.*

COMMENCEMENT CEREMONY

Saturday, August 5, 2023

1:30 p.m.

Presiding

Dr. Lawrence Schovanec
President, Texas Tech University

Processional*

Texas Tech Commencement Band
Dr. Sarah McKoin, Conductor

National Anthem

Ms. Emma Steiner
TTU Doctoral Candidate

Welcoming Remarks

Mr. Clay C. Cash
Board of Regents, Texas Tech University System

Student Speakers

Ms. Julie Grandjean
Doctor of Philosophy in Media and Communication, August 2023

Ms. Shelby Caldwell
Bachelor of Science in Education, August 2023

Conferring of Degrees

Dr. Lawrence Schovanec
Dr. Ronald Hendrick
Provost and Senior Vice President

Recognition of Outstanding
Students Class of 2023

Dr. Ronald Hendrick

Charge to the Graduates

Dr. Lawrence Schovanec

Alma Mater
(Words on Back Cover)

Ms. Emma Steiner
TTU Doctoral Candidate

Presentation of
Degree Candidates

Dr. Mark Sheridan, *Vice Provost for Graduate and Postdoctoral Affairs;
Dean, Graduate School*
Prof. Kuhn Park, *Associate Dean, Huckabee College of Architecture*
Dr. Sarah Schwintz, *Assistant Dean, University Studies*
Dr. Roland Faller, *Dean, Edward E. Whitacre, Jr. College of Engineering*
Dr. David Perlmutter, *Dean, College of Media & Communication*
Dr. Jesse Perez Mendez, *Dean, College of Education*
Dr. Margaret Williams, *Dean, Jerry S. Rawls College of Business Administration*

Closing of Ceremony

** Please remain seated during the Processional.*

LETTER FROM THE PRESIDENT

To the Class of 2023,

If there's one thing I've learned in all my time at Texas Tech, it's that every student who blesses this campus with their presence represents a wonderful story to be discovered. This university would be a very different place without you and the various cultures and experiences you've brought, all of which have enriched our campus.

Your graduating class is unique. You're graduating during our centennial year. I challenge each of you to make your mark and leave your footprints all over this world. Because you are Red Raiders, there is an expectation that you will change the world for the better.

Remember that Texas Tech will always be your home, and friendships made here will always be part of your life. Return to campus when you can, and proudly tell the world you are a Red Raider.

To the class of 2023, I extend my heartfelt congratulations and best wishes for success.

Go Tech!

A handwritten signature in black ink, reading "Lawrence Schovanec". The signature is written in a cursive, flowing style with a large, stylized initial "L".

Lawrence Schovanec, President



Luke Fuerniss will be graduating from the Davis College of Agricultural Sciences & Natural Resources with a doctoral degree in Animal Science. The focus of Luke's dissertation has been on beef production from the dairy herd; he looks forward to a career focused on making beef genetics more profitable for beef and dairy producers alike as an employee of ST Genetics. In his time at Texas Tech University, Luke has served as a teaching and research assistant while working closely with beef cattle genetic suppliers, feedlots, and beef packers. Though Luke currently resides in Lubbock with his wife (Hannah) and daughter (Hadley), Luke is a Colorado native and completed previous degrees at Casper College and Colorado State University.



Ashley Stoddard (Angleton, Texas) will be graduating with a Bachelor of Science degree in Agricultural and Applied Economics. During her time at Texas Tech, she was an active member of the Kappa Alpha Theta Sorority and Gamma Sigma Delta - The Honor Society of Agriculture. She was also involved in Texas Tech University's Pre-Law Ambassador program, the Agricultural and Applied Economics Association, and the Davis College of Agriculture's AgriTechsan team. Her favorite memory at Tech is storming the field after upsetting Texas in overtime! Ashley is already working in Lubbock for the law firm of Brady & Hamilton, which represents Texas landowners in the areas of eminent domain, real estate, agriculture, and energy law.



Julie Grandjean is graduating with her doctorate in Media and Communication, with a concentration on visual communication. She is originally from Belgium but has made a home for herself in the United States and West Texas. In her free time, she likes to go hiking and camping with her husband, whom she met at Texas Tech.



Shelby Caldwell is graduating with a Bachelor of Science in Education. She is from Mansfield, Texas, and is extremely excited to start her first year as a first-grade teacher in Fort Worth Independent School District. Her goal is not only to spark a love of learning in her students but to be an advocate for all of them. She is honored to be a part of the Texas Tech family and legacy as well as passing this institution's impact onto future generations.

ACKNOWLEDGEMENTS

CONVOCATIONS COMMITTEE

Dr. Rhonda Boros, Chair
Dr. Jhones Sarturi, Past Chair
Mr. Josh Adamek
Dr. Corey Brelsfoard
Dr. Carla Davis Cash
Dr. Yoojin Chae
Dr. Julie Chang
Ms. Morgan Chavez-Brannon
Dr. Jon Crider
Dr. Sara Dodd
Dr. Kristi Gaines
Ms. Brady Ganus
Dr. Michael Giesselmann
Ms. Maggie Gilchrest
Dr. Lauren Griffith
Dr. Alastair Hamilton
Dr. Annette Hernandez
Dr. Zach Hohman
Mr. Nate Imai
Dr. Molly Ireland
Dr. Catherine Jai
Dr. Babu John-Mariadoss
Dr. Lourdes Juan
Dr. Jin Jung
Ms. Nikki Kantelis
Dr. Jacob Kirksey
Ms. Bethany Kuwitzky
Dr. Stacy Lee
Dr. Erin Marie Legacey
Dr. Conrad Lyford
Dr. Ann Mastergeorge
Ms. Sheon Montgomery
Mr. Max Noble
Dr. Mihwa Park
Mr. Damian Pantoya
Dr. Michelle Pearson
Mr. Daniel Perez
Dr. Cynthia Phelps
Dr. Christy Rogers
Mr. Tom Rohrig
Ms. Jayne Sappington
Dr. Sarah Schwintz
Mr. Sean Scully
Dr. Leslie Thompson
Dr. Susan Tomlinson
Mr. Von Venhuizen
Dr. Vijay Hedge
Ms. Kim Walker
Dr. Zhe Wang
Ms. Jordan Dahl
Ms. Amiee Dixon
Ms. Abby Walton

PROGRAM

This program was produced by the Office of the Provost in cooperation with the Convocations Committee and the Office of Official Publications at Texas Tech University, Lindsay Hallowell, Director, and Kaelene Hansen, Senior Editor.

COLLEGE READERS

Davis College of Agricultural Sciences & Natural Resources – Dr. Jyotsna Sharma
Huckabee College of Architecture – Mr. Anthony Cricchio
College of Arts & Sciences – Dr. Jorge Iber
Rawls College of Business Administration – Mr. Derrick Ginter
College of Education – Dr. Ana Torres
Whitacre, Jr. College of Engineering – Dr. Ting Lin
Graduate School – Dr. Babu John-Mariadoss
College of Human Sciences – Dr. Bill Gustafson
College of Media & Communication – Dr. Todd Chambers
University Studies – Ms. Raynie Gibbs
Talkington College of Visual & Performing Arts – Dr. Jacqueline Henninger

ADMINISTRATIVE REPRESENTATIVES

Davis College of Agricultural Sciences & Natural Resources – Mr. Michael Harper
Huckabee College of Architecture – Ms. Amy Peterman
College of Arts & Sciences – Mr. Anthony Rodriguez
Rawls College of Business Administration – Ms. Geleah Sharp
College of Education – Ms. Karen Noles
Whitacre, Jr. College of Engineering – Ms. Patricia Rodriguez
Graduate School – Ms. Vanessa Bara and Ms. Alyssa Reichert
Honors College – Ms. Beth Scheckel
College of Human Sciences – Ms. Shannon Tebo
College of Media & Communication – Ms. Julia Heard Witt
University Studies – Ms. Courtney Lynn
Talkington College of Visual & Performing Arts – Mr. Aaron Chavarria

STUDENT BANNER BEARERS

Davis College of Agricultural Sciences & Natural Resources – Mr. Charles Sabin
Huckabee College of Architecture – Mr. Mattia Hajmeli
College of Arts & Sciences – Mr. Nathan Holtman
Rawls College of Business Administration – Mr. Joshua Reveles
College of Education – Ms. Rachel Schneidereit
Whitacre, Jr. College of Engineering – Ms. Anna Slovak
Graduate School – Ms. Nicole Wanago and Mr. Ehsan Ghasemi
College of Human Sciences – Ms. Stephanie Palmer
Honors College – Ms. Stephanie Goodrich
College of Media & Communication – Ms. Lauren Hinson
University Studies – Mr. Corey Range
Talkington College of Visual & Performing Arts – Ms. Kaylee Paulger

FACULTY BANNER BEARERS

9:00 a.m. – John Carrell, Ph.D.
Assistant Professor of Honors,
Honors College
1:30 p.m. – Michael Giesselmann, Dr Ing., P.E.
Professor of Electrical & Computer Engineering,
Whitacre, Jr. College of Engineering

LIBRARY BANNER BEARERS

9:00 a.m. – Ms. Kathryn Martin
1:30 p.m. – Mr. Marcelo Diaz

This program is an unofficial list of Summer 2023 graduates and should not be used to determine a student's academic or degree status. The actual award of honors reflected on a student's diploma will be determined by the student's final academic average. The university's official registry for conferral of degrees is the student's permanent academic record kept by the Office of the Registrar.

PRESIDENTIAL MACE

CROWNED BY A FLAME symbolizing the Light of Knowledge, the Texas Tech University Presidential Mace is the symbolic staff of the power and authority of the university. It is constructed of lathed and molded bronze that has been rubbed with a layer of 24K gold. The school crest is presented on either side directly under the flame. Hand-rubbed black walnut has been used for the connecting shafts. The mace was designed by Professor Robly A. Glover in the School of Art. Professor Glover's artwork is on display throughout the United States and included in the permanent collections of the Art Institute of Chicago, the Yale Silver Collection, and the Victoria and Albert Museum in London.



MACE BEARERS

9:00 A.M., AUGUST 5 KYLA OLSON, M.F.A.
*Associate Professor of Practice of Dance,
Talkington College of Visual & Performing Arts*

1:30 P.M., AUGUST 5 SONIA MOORE, M.A.
*Lecturer of Communication Studies,
College of Media & Communication*

GRADUATION HONORS

Graduating seniors who have maintained an overall 4.0 GPA include the following:

Deema Nedal Eisa Azzam
Kyle Brendan Bundoc Baronia
Rinnah Jia-Yin Chew
Gabrielle LaShae Cleveland
Renée Elise Dalton
Kennadie Maegan Drews

Emma Grace Durham
Michael R. Garcia
Lauren Elizabeth Hinson
Nathan Fox Holtman
Kristi D. Huguley
Madelyn Faith Mandry

Jaden Alaze McCullough Smith
Thais Gabriela Molina
Elizabeth Monroy-Granados
Michael Todd Parker
Emily Gayle Marie Parnell
Camille Noelle Schweppe

Ellen Sofia Scott
Anna Rose Slovak
Hannah Trostle
Faith Lynn Wittie

CANDIDATES FOR TEACHER CERTIFICATION

Hunter Worth Arnette
Landon Wayne Autrey
Kerry David Wenglein Callender
Ricardo Chavez
Kaylynn Coral Cowan
Coy Wilson Crain
Madison Grace Denman
Gabriela Sarahi Esparza
Grace Goodman Hawkes
Russell Christopher Leonhardt
Aldayr A. Molina
Kaylee Brianne Paulger
Austin Joseph Perry
Breanna Lee Pettingill
Haley Mariah Plummer
Kilei Ann Pope
Thomas Ryan Rendon
Summer Jasmin Sanchez
John Terrell Shepard
Mikayla Francis Vicens
Emily Irene Wheaton
Gabrielle Claudine White
Adrianna Justine Adade
Fatma H. Ahmed
Leniesha Ruchiele Allen
Hunter Worth Arnette
Kylie Marie Auger
Landon Wayne Autrey
DeAnnica Tolston Avery
Avandia Nohemi Avila
Lauren Mercedes Banuelos
Azul Berenice Barajas
Joni Lynne Bell
Julissa Bello

Emily Renee Beltran
Talina Nicole Briceno
Kacey Alise Bronnenberg
Callin Bree Burleson
Shelby Gayle Caldwell
Kerry David Wenglein Callender
Melanie R. Carbajal
Kristen Renee Carden
Kelly Brianna Cervantes-Cisneros
Torie Mashele Chappotin
Ricardo Chavez
Coy Wilson Crain
Kimberly Mellissa Cruz
Mari Analuz Cruz
Jacqueline Delgadillo
Rania Omar Elkhatab
Sadie Elaine Ellis
Candy Flores
Sofia Lorena Beltran Rodriguez
Lucia Garcia Luna
Caitlyn Elizabeth Gleicher
Kinley Gomez
Clarissa Mia Gomez-Soto
Maritza A. Gonzalez
Itzel Margarita Gutierrez
Leslie Allyn Gutierrez
April Guzman
Zak Harbula
Norma Alejandra Hernandez
Natalie Angele Hill
Camryn Hoffman
Hannah Nicole Hoover
Misty Lynn Horton
Lauren Hutson

Isis Yvett Ibarra
Stephanie Isaac
Lauren Elisabeth Jackson
Hadia Jahan
Maria Guadalupe Jimenez Mota
Macy Michelle Juarez
Brian Kapalko
Tristine Melodie Land
Quetzali Ithzel Leon
Alyssa Jane Lozano
Alexis Rose Lunsford
Guadalupe Maldonado Garcia
Crislan Mcfarlin
Maria Magdalena Medina
Elizabeth Stephanie Molina
Suany Mabeth Molina
Tiffany Marie Moore
Mailee Morales
Faith Cambry Morgan
Sarah Louise Neely
Guillermo Nieves Saliano
Allie Katharin Obrien
Silvana Penuela Hernandez
Andrea Estefania Perez Silverio
Breanna Lee Pettingill
Steven Rayson
Alexis Nicole Reed
Thomas Ryan Rendon
Geovani Ibrahim Lee Reneau
Jennifer A. Rivera
Stephanie Renea Rivera
Kathryn Irene Robbins
Eric Rocha
Ronnie Jay Rodriguez, Jr.

Alicia Ruiz
Alhia Sajid
Citalli Adrienne Sanchez
Ana Karen Sandoval Garcia
Lilly Vanessa SanJuan
Rachel Schneidereit
Karen Natalie Serna
Lidia Serrano
Madeline Jo Sexton
John Terrell Shepard
Karen Elizabeth Silva
Tenika K. Simmons
Nestor Eli Soto
Kaila Ann Swanson
Haely Hang To
Cynthia Elizabeth Toledo
Kylee D'Ann Treider
Sparrow Noel Turner
Andrea Patricia Valle Martinez
Destiny Marie Vasquez
Perla M. Vasquez
Joseph Mark Watt
Ashlee Nicole Williams
Jennifer Lynne Williams
Christina Marie Wineriter
Clayton John Yarbrough
Anthony Julian Zelaya
Walter Heath Zogg

CANDIDATE FOR MILITARY COMMISSION

The following student is being
commissioned as a Second Lieutenant
in the United States Marine Corps:

Mitchell J. Sharkey

The **doctoral degree** is the most advanced earned degree conferred by American institutions of higher learning. The doctorate usually represents prolonged periods of advanced study culminating in a dissertation intended to contribute substantially to the body of knowledge on the subject. The most widely sought doctorate is the Doctor of Philosophy, which no longer has an implication of philosophy as the major field of study but represents advanced research in any of the major fields of knowledge.

The **master's degree** is an academic honor bestowed upon students who have successfully completed work beyond the baccalaureate. Both a thesis and an oral examination are usually but not always required. When applicable, the graduate's thesis topic is listed.

DOCTOR OF EDUCATION

AGRICULTURAL EDUCATION

Caitlin Rebeka Landry Anderson

Dissertation: An Analysis of Perceptions and Engagement in Distance Delivered Courses by College of Agriculture Students

Major Professor: David Lawver

Brian Keith Flanagan

Dissertation: Competencies of Extension Workers Promoting Agroforestry to Smallholders in the Global South

Major Professors: Amy Boren Alpizar and Gary Wingenback

EDUCATIONAL LEADERSHIP

Misty Clay Gandy

Dissertation: Building Sustainability in Rural Superintendents

Major Professor: Dusty Palmer

Carolina Rebecca Gonzales

Dissertation: Culturally Responsive Practices to Improve Instruction for Secondary Emergent Bilingual Students: A Design Development Study

Major Professor: Irma Almager

Irma Guerra

Dissertation: Targeting Oral Language Development of Emergent Bilingual Students in Core Content Classrooms and Increasing Teacher Self-efficacy

Major Professor: Joseph Claudet

Greg Thomas Haas

Dissertation: A Design Development Study of Professional Learning Transformation in a Private, Urban High School through Instituting Teacher PD Team Planning and Peer-to-Peer Coaching

Major Professor: Joseph Claudet

Janna Beth Poth

Dissertation: Impacting Early Literacy Development of Economically Disadvantaged Students through Culturally Responsive Pedagogy and Job-embedded Coaching: A Design Development Study

Major Professor: Joseph Claudet

Cherie Ann Springer

Dissertation: How Collective Teacher Efficacy Impacts Achievement Gaps in Early Literacy for Multilingual Learners: A Design Development Study of Peer Coaching in the Elementary Setting

Major Professor: Joseph Claudet

David Carl Swartwout

Dissertation: Improving Career and College Readiness in a Rural District: Factors that Ensure Sustainability, Promote Motivation and Increase Academic Engagement through Career Technical Education

Major Professor: Fernando Valle

Melissa Ann Theide

Dissertation: Creating a Teaching, Leading and Learning Culture to Meet the Needs of Diverse Learners

Major Professor: Joseph Claudet

Mauricio Antonio Valdovinos

Dissertation: Identifying Teacher Retention Factors Through Campus Comparisons

Major Professor: Irma Almager

HIGHER EDUCATION ADMINISTRATION

Kara E. Martinez

Dissertation: Community College Professional Staff Perceptions of and Challenges with Internal Organizational Communication

Major Professor: Stephanie J. Jones

DOCTOR OF MUSICAL ARTS

MUSIC

Hsiao-Ju Chen

Dissertation: A Comparison between the Texas and Taiwan Clarinet Curriculum Pedagogical Expectations at the Pre-college Level

Major Professor: David Shea

Israel Adriano Wallauer De Mello

Dissertation: Artistically Inspired Pedagogical Approaches to the First Movement of William Walton's Viola Concerto

Major Professors: Carla Davis Cash and Philippe Chao

DOCTOR OF PHILOSOPHY

AGRICULTURAL COMMUNICATIONS AND EDUCATION

Hannah LeeAnn Ford

Dissertation: Examining the Impact of COVID-19 on Food Desert and Food Swamp Twitter Discourse: An Exploration of Engagement-driven Selective Sampling

Major Professor: Courtney Meyers

Kimberly Marusak Gramm

Dissertation: Challenges with Creating a Thriving Entrepreneur Ecosystem at a Major University: A Mixed Method Study

Major Professor: David Doerfert

Pablo Sebastian Lamino Jaramillo

Dissertation: Indigenous Leadership Competencies: A Mixed-methods Grounded-theory Study Exploring the Maya-Mam and Xinka Communities in Guatemala

Major Professor: Amy Boren Alpizar

Cele Chote Stone

Dissertation: A Phenomenological Study of How Leaders Influenced the Career Choice of Pre-service Agricultural Education Teachers

Major Professors: Rudy Ritz and Jason Headrick

ANIMAL SCIENCE

Luke Konrad Fuerniss

Dissertation: Beef Genetics in the Dairy Management System: Effects of Maternal Genetics and Calf Management System

Major Professor: Bradley Johnson

BIOLOGY

Komal Attri

Dissertation: Sequence and Functional Diversification of miR391-directed PTGS Modules in Plants

Major Professor: Zhixin Xie

Thuvaraki Balasubramaniam

Dissertation: Co-overexpression of AVP1, PP2A-C5, and AtCLC in *Arabidopsis thaliana* Increases Tolerance to Salt and Drought Stresses

Major Professor: Hong Zhang

Somrita Basu

Dissertation: Balancing Between *de novo* Liquid Synthesis and Salvage by Leishmania Parasites

Major Professor: Kai Zhang

Yanni Chen

Dissertation: The Macroevolution, Phylogenomics and Phylogenetic Ecology of Seed Germination Traits

Major Professor: Matthew Johnson

Pranav Dawar

Dissertation: Characterizing Gene Interactions and MicroRNA Nodes in *Arabidopsis thaliana* Gene Regulatory Networks

Major Professor: Chris Rock

GRADUATE CANDIDATES

Hunter Gayle Edwards

Dissertation: An Investigation of the Impact of the Gut Microbiome on Longevity and Healthspan in *C. elegans* using the NemaLife Microfluidic Platform

Major Professors: Lauren Gollahon and Siva A. Vanapalli

Minal Bhalchandra Engavale

Dissertation: Determining the Impact of Macrophage-derived Dnase1L3 in Lupus-like Phenotypes in Mice and its Implications for Treatment

Major Professor: Peter Keyel

Amin Ferdous

Dissertation: Harnessing the Power of the Endemic Soil Microbiome for Developing Tailored Crop Management

Major Professor: John Zak

Sri Jyosthsna Kancharlapalli

Dissertation: Sub-lethal Effects of Pyriproxyfen on *Aedes albopictus* and Non-target Effects of Autodissemination Approaches

Major Professor: Corey Brelsfoard

Noshin Mubtasim

Dissertation: Investigating the Effect of In Vitro and In Vivo White Adipocytes Derived Adipocytokine Secretions in Breast Cancer Metastasis

Major Professor: Lauren Gollahon

Ezinne Adabaram Osuji

Dissertation: Effect of Temperature Change on Bacterial Degradation of Selected Pharmaceutical and Personal Care Products (PPCPs) in Soil

Major Professor: Deborah Carr

Kalin Michelle Skinner

Dissertation: Tick Species and Pathogen Surveys and Microbial Interactions of Ticks in Northwest Texas

Major Professor: Corey Brelsfoard

Morgan Hope Williamson

Dissertation: A Novel Approach in Construction of HPV16 Virus-like Particles with Applications in HPV Related Therapy and Nanotechnology

Major Professor: Lauren Gollahon

Nicholas Anthony Wolpert

Dissertation: An Exploratory Approach to Improved Mathematical Modeling of Cancer Cell Motility Utilizing In Vitro Biological Constants with an Emphasis on Cell Phase

Major Professor: Lauren Gollahon

BUSINESS ADMINISTRATION

Brent Houston Bloodworth

Dissertation: The Effects of IT Identity on Information Security Behaviors

Major Professor: Eric Walden

Shucheng Ge

Dissertation: Ostracism in the Workplace: Neuroticism as an Antecedent and Benevolent Leadership as a Moderator of the Relationship with Employee Performance

Major Professor: William Gardner

Ehsan Ghasemi

Dissertation: Three Essays on Information Sharing in Communication Media on Crowdfunding Platforms

Major Professors: Alireza Sheikh-Zadeh and Jaeki Song

CHEMICAL ENGINEERING

Amer Adel El Banna

Dissertation: Extreme Fictive Temperature Reductions in Vapor-deposited Polymer Films: Testing the Bottom of the Energy Landscape

Major Professors: Gregory McKenna and Joshua Howe

Hannah Jaye Harbin

Dissertation: Using Sonochemistry to Enhance Performance of Ni-based Perovskite Catalysts for CO_x-free Hydrogen Production by Methane Decomposition

Major Professor: Jeremy Marston

CHEMISTRY

Cristian Diego Gutierrez Reyes

Dissertation: LC-MS Applied Techniques for the Identification and Quantitation of Protein Glycosylation and its Isomeric Conformations

Major Professor: Yehia Mechref

Navkiran Kaur Juneja

Dissertation: Solid-state Behaviors of Materials - Thermal Expansion, Molecular Pedal Motion, Phase Transitions, and Conformational Flexibility

Major Professor: Kristin Hutchens

Nanda Kumar Katakam

Dissertation: [2+2] Cycloaddition Reactions of Bestmann's Ylide with Imines

Major Professor: Clemens Krempner

Jagdeep Kaur

Dissertation: Understanding Structure-property Relationships and the Dynamics of 1-ethyl-3-methylimidazolium Methyl Phosphonate and its Mixtures with 1-*n*-alkylimidazoles Cosolvents using Electrical Impedance and Pulse Gradient Spin Echo NMR Spectroscopy

Major Professor: Edward Quilevis

Samam Majeed

Dissertation: Conformations of the HIV-1 Vpu Protein in Solution and in Lipid Membranes: Insights from a Multi-technique Approach

Major Professor: Elka Georgieva

Dong Zhang

Dissertation: Development of Plasma-based Ambient Mass Spectrometry for Characterization of Polymers and Other Analytes with Limited Desorption/Ionization

Major Professor: Gerardo Gamez

CIVIL ENGINEERING

Nardos Tadesse Feknsa

Dissertation: Unobserved Heterogeneity in Ramp Crashes: Insights from Nonlinear Random Parameter and Random Parameter with Heterogeneity in Means and Variance Approaches

Major Professors: Venky Shankar and Tewodros Ghebrab

Tariq Hussain

Dissertation: Availability and Mobility of Legacy and Emerging Organic Contaminants in Stormwater

Major Professor: Danny Reible

Xiao Luo

Dissertation: High Performance Computing-enabled Sea-level Rise Hazard Analysis

Major Professor: Ting Lin

Hasti Ziaei Jam

Dissertation: Role of Sediment in Mercury Cycling in the Environment

Major Professors: Danny Reible and Amrika Deonarine

CLINICAL PSYCHOLOGY

Yazmine Patricia Huizar

Dissertation: Optimizing Weight Loss Outcomes Through Body Image Enhancement

Major Professors: Martin Binks and Jason Van Allen

Nikki L. La Rosa

Dissertation: Interpersonal Needs and Suicide Ideation among Individuals with an Adult Sexual Trauma History: The Roles of Self-blame and Disclosure

Major Professor: Sean Mitchell

Antonio Francisco Pagán

Dissertation: Adult Attention-Deficit/Hyperactivity Disorder and Comorbid Anxiety or Mood Disorders: Using Intraindividual Network Analysis and Cognitive-behavioral Case Formulation for Targeted Intervention

Major Professors: Andrew Littlefield and Gregory Mumma

Kaley A. Roberts Swaringin

Dissertation: Exploring Adult Attention-Deficit/Hyperactivity Disorder and Comorbid Disorders Utilizing an Intraindividual Network Analysis Approach

Major Professor: Jason Van Allen

COMPUTER SCIENCE

Mst Moriomi Rojy Momota

Dissertation: Inkjet-printed ECG Electrodes and AI-based Data Reliability for Smart-health CPS

Major Professor: Bashir Morshed

Ngoc Huyen Nguyen

Dissertation: Interactive Visualization and Event Detection in Time-series Data

Major Professor: Tommy Dang

GRADUATE CANDIDATES

Huixin Zhan

Dissertation: Attacks and Defenses in Privacy-preserving Representation Learning
Major Professor: Victor Sheng

COUNSELING PSYCHOLOGY

Travis J. Brace

Dissertation: The Impact of Employer Hiring Bias towards Job Applicants with Mental Illness, Criminal Justice Involvement, and/or Identification as Gay
Major Professors: Sheila Garos and Robert Morgan

Jacob Joseph Daheim

Dissertation: Concerns and Recommendations for Pain and Masculinity Research Using Amazon Mechanical Turk: A Cautionary Tale
Major Professors: Brandy Pina-Watson and Shin Ye Kim

Gabriela Manzo

Dissertation: A Resilience Approach to the Acculturation Gap Hypothesis among Mexican-descent College Students
Major Professor: Brandy Pina-Watson

Kymmalett Anntonyonette Ross

Dissertation: Detecting Response Style Bias with the Infrequency Scale of Services Needs Inventory: An Investigation of its Discriminatory Capacity
Major Professors: Adam Schmidt and Robert Morgan

Faith A. Scanlon

Dissertation: Implementing a Brief Treatment Program for Justice-involved People with Mental Illness in Jail: A Mixed-methods Feasibility Trial
Major Professors: Brandy Pina-Watson and Robert Morgan

Matthew J. Sharkey

Dissertation: A Re-examination of the Subscale Factor Structure of the Service Needs Inventory and the Development of Clinical Cut Scores
Major Professors: Sheila Garos and Robert Morgan

Michael Jude Vitro

Dissertation: A Person-centered Approach to Cognitive Processes of Protective Behavioral Strategies and Problematic Drinking Behavior
Major Professor: Andrew Littlefield

COUNSELOR EDUCATION

Rosalyn Patrice Dunn

Dissertation: Women's Rights are Human Rights: Factors Affecting the Success, Mental Health, Wellness, and Wellbeing of Three Generations of Tenured/Tenure Track Black American Female Faculty at PWIs and HBCUs Educated in White Schools from P-12 to Ph.D.
Major Professor: aretha marbley

Brian A. Hicks

Dissertation: Relationship among Colorblindness, White Privilege, Implicit Bias, the Six Skema of White Racial Identity, and Multicultural Knowledge and Awareness: The Collective Impact on White Counselor Trainees' Cultural Humility
Major Professor: aretha marbley

Rebecca Renee Opamen

Dissertation: Examining the Relationship between Racial Identity and Career Decision Making Self-efficacy on Counseling Students' Career Satisfaction
Major Professor: aretha marbley

COUPLE, MARRIAGE, AND FAMILY THERAPY

Emily Elizabeth Janes

Dissertation: How Families Navigate Religious Disaffiliation: A Grounded Theory
Major Professor: Jaclyn Cravens Pickens

CURRICULUM AND INSTRUCTION

Taylor Kirkpatrick Darwin

Dissertation: Collaborative Practices through Curriculum Development and Implementation: A Multiple Descriptive Case Study of Rural Texas Secondary STEM Educators
Major Professor: Rebecca Hite

Gracie A. Gonzales

Dissertation: Beyond the Literacy Classroom: A Narrative Inquiry into a Middle School Teacher's Experience with Implementing Literacy Instruction into a Science Classroom
Major Professor: Mellinee Lesley

Rachel Elizabeth Herny

Dissertation: Exploring how Language Arts Teachers bring Their Experiences and Knowledge into Teaching Foundational Literacy
Major Professor: Jin Kyeong Jung

Erin Renee Higginson

Dissertation: Factors that Influence the Collection, Organization, and Analysis of Data in a Small Rural District: An Explanatory Sequential Mixed Methods Study
Major Professor: Mihwa Park

Chau Hong Phuoc Nguyen

Dissertation: Lived Experiences of Professional Identity Tensions of Experienced Teachers: An Existential-Hermeneutic Phenomenological Inquiry
Major Professors: Joshua Cruz and Howard Curzer

Emily Hill Ottinger

Dissertation: Blended and Personalized Learning in a Secondary English Classroom: Reflection and Data Driven Instruction to Address Student Literacy Needs
Major Professor: Heather Greenhalgh-Spencer

Elizabeth Susan Stewart

Dissertation: "With Great Power Comes Great Responsibility": One Literacy Coach's Story in an "Underperforming" High School
Major Professor: Mellinee Lesley

Nguyen Thi Thanh The

Dissertation: Factors Influencing Paraprofessionals' Perseverance and Motivation on a Pathway to Become a Fully Certified Classroom Teacher
Major Professor: Shirley Matteson

ECONOMICS

Tayyebah Aliakbari

Dissertation: Role of Financial Development in Transmitting the Shocks
Major Professor: Xiaohan Ma

Ebtehal Abdulrahman Almutairi

Dissertation: Assessing the Impact of Oil Price Fluctuations on the Saudi Economy, and Monetary Policy Uncertainty Shocks
Major Professor: Xiaohan Ma

Ram Datt Joshi

Dissertation: Estimating the Impact of Uncertainty Shocks on GDP Growth Using Cross-country Panel Data, and Identification of Noise Shock from Text-based Infectious Disease Index
Major Professor: Julian Ludwig

Md Maruf Morshed

Dissertation: Essays on Energy and Environmental Economics
Major Professor: Misak Avetisyan

Qing Nie

Dissertation: Oil Prices, Macroeconomic Dynamics, and Monetary Policy
Major Professor: Xiaohan Ma

Sanjay Bahadur Singh

Dissertation: Essays on Impact of Economic Policy on Climate Change: Evidence from the United States
Major Professor: Rashid B. Al-Hmoud

EDUCATIONAL LEADERSHIP

Levi Edward Johnson

Dissertation: Penrose Stairs in Policy? A Quantitative Examination of Texas College and Career Readiness School Models
Major Professor: Jacob Kirksey

Adrienne Rose Nenow

Dissertation: A Sequential Explanatory Mixed Methods Study Measuring the Effects of Implementing the Bayh-Dole in International Contexts
Major Professor: Alexander Wiseman

Cherise Nichols

Dissertation: Catching up After COVID-19: Learning Loss Among Texas Students Incorporating the Implementation of House Bill 4545
Major Professor: Alexander Wiseman

GRADUATE CANDIDATES

EDUCATIONAL PSYCHOLOGY

Ileana Jasmin Moreno

Dissertation: The Role of Social Support in the Relationship Between School-based Mental Health Professionals' Suicide Prevention Training and Intervention Behavior: A Moderation Model
Major Professor: Kwanghee Jung

ELECTRICAL ENGINEERING

Md Kamrul Hasan Foysal

Dissertation: Point-of-care Application of Novel Signal Processing, Image Processing and Machine Learning Techniques in Digital Health
Major Professor: Ranadip Pal

Austin Tanner Hewitt

Dissertation: Electromagnetic Interaction and Thermal Behavior of Optically Excited Silicon in Microwave Environments
Major Professor: Jacob Stephens

Tsz Tsoi

Dissertation: Reliability of 4H-SiC Devices Passivation Layer in High Humidity Environment for Power Electronic Applications
Major Professor: Stephen Bayne

ENGLISH

Jacob M. Hall

Dissertation: These Hopeful Machines: A Book-length Lyric Essay
Major Professor: Leslie Jill Patterson

Lance Lomax

Dissertation: "This Does Not Concern Us Alone": Reframing Japanese Film and Media through Transnationalism and Trauma
Major Professor: Wyatt Phillips

Brook Lee McClurg

Dissertation: Breakable Things: A Memoir
Major Professor: Curtis Bauer

Georgianna Ravenna

Dissertation: Literacy, Text Complexity, and African American English
Major Professor: Min-Joo Kim

Sara Renee Ryan

Dissertation: Instructions for Viewing
Major Professor: Curtis Bauer

ENVIRONMENTAL TOXICOLOGY

Giana Marie Biddle

Dissertation: New Frontiers in Chemical and Biochemical Methods
Major Professor: Jan Halamek

Amanda Danielle Emert

Dissertation: Atmospheric Transport and Deposition of Particulate Matter and Particulate-bound Agrochemicals from Beef Cattle Feedlots: Implications for Human Health and Ecological Risk Assessment
Major Professors: Philip N. Smith and Kerry Griffiths-Kyle

Frank Bowen Green

Dissertation: Investigation of Toxic Effects of Agrochemicals Bound to Fugitive Beef Cattle Feedyard Particulate Matter to Critical Pollinator Species
Major Professor: Philip N. Smith

Terrell Antonio Hilliard

Dissertation: Protein Kinase Assay using AKT1 and AKT2 in Colorectal Cancer Cells
Major Professor: Degeng Wang

EXPERIMENTAL PSYCHOLOGY

Olivia Ruth Kuljian

Dissertation: Who Are We? Who Am I?! Ingroup Prototype Ambiguity and Self-prototypicality, Uncertainty, and Ingroup Identification
Major Professor: Zachary Hohman

Guangsheng Liang

Dissertation: Decoding Multiple Selection Mechanisms in Visual Search using Pupillometry and the Drift-Diffusion Model
Major Professor: Miranda Scolari

Alexander J. Stinnett

Dissertation: Free Will for Thee but Not for Me: The Effect of Interpersonal Victimhood on Free Will Beliefs
Major Professor: Jessica Alquist

FAMILY AND CONSUMER SCIENCES EDUCATION

Nicole Wanago

Dissertation: A Qualitative Exploration of the Home Economics/Family and Consumer Sciences Professions Critical Science Paradigm Shift
Major Professor: Karen Alexander

FINE ARTS

Kurt Norman Cereske

Dissertation: Song of Many Nations: An Examination of Selected Print Materials and Companion Recordings Published by Cooperative Recreation Service, Inc., 1958-1964
Major Professor: Susan Brumfield

GEOSCIENCES

Austin Alyse Coleman

Dissertation: Improving Predictability of Severe Weather and its Associated Hazards through Advanced Applications of Ensemble Sensitivity Analysis
Major Professor: Brian Ancell

Kathleen M. Gates

Dissertation: The Kinematic and Tectonic Evolution of a Nevadan Shear Zone: A Record of the Origin, Emplacement and Exhumation of the Enigmatic Condrey Mountain Schist
Major Professor: Aaron Yoshinobu

HIGHER EDUCATION

Joe Steve Coreas

Dissertation: Efficacy of Corequisite Mathematics: A Quantitative Study on the Effects of Traditional and Accelerated Enrollment Models for Minoritized Students in STEM and Non-STEM Pathways
Major Professor: Lucy Arellano

Jennifer Marie Ferrara Laflam

Dissertation: Exploring Emotions of White Community College Administrators Around Race
Major Professor: Lucy Arellano

Nathan Basil Ragland

Dissertation: Survival is Ensured - Prosperity is Not: Libraries and Their Impact on Texas Community College Student Outcomes
Major Professor: Hugo Garcia

James Randolph Ward, Jr.

Dissertation: Relationship Between Student Success and Science Course Modalities Used at a Rural Community College for Emergency Remote Teaching During the COVID-19 Pandemic
Major Professor: Hugo Garcia

HISTORY

Olga Delgadillo

Dissertation: From Symbols to Sanctity: Miracles as Cultic Veneration in Italy between the Twelfth and the Fourteenth Centuries
Major Professor: John Howe

Ian Michael McDowell

Dissertation: Mexican American Social and Political Action and the Rise and Fall of Black-Brown Cooperation during the Period of Dallas Independent School District Desegregation, 1969-2003
Major Professor: Miguel Levario

HOSPITALITY, TOURISM, AND RETAIL MANAGEMENT

Mawufemor Yayra Amuzu

Dissertation: The Role of Co-creation in Service Recovery
Major Professor: Tunmin (Catherine) Jai

Danielle Nichole Capps

Dissertation: History, Legend and Lore: The Role of Storytelling in Whiskey Distillery Tourism
Major Professors: Michelle Alcorn and Shane Blum

Hasib Hassan Khan Chowdhury

Dissertation: Family Dynamics and Culture: An Exploration of Work-life Balance in Family-owned Hospitality Businesses
Major Professors: Shane Blum and Michelle Alcorn

Ho-Young Lee

Dissertation: Examining Tourists' Avoidance of Ride-sourcing Service
Major Professor: Deborah Fowler

Ryan Patrick Maloney

Dissertation: Snobby or Hobby? Defining Craft Beer Aficionados and Exploring Their Motivations
Major Professors: Michelle Alcorn and Shane Blum

GRADUATE CANDIDATES

Daniella Maria Recalde Garay

Dissertation: Letting Customers Participate: Co-creating with Apparel Brands on Social Media
Major Professor: Tunmin (Catherine) Jai

HUMAN DEVELOPMENT AND FAMILY SCIENCES

Adam Victor Thomas

Dissertation: Trans and Thriving? Transgender Men's Romantic Relationships following Gender Transition
Major Professor: Dana Weiser

INDUSTRIAL ENGINEERING

Andrea Arriet

Dissertation: Water Management Policies for the Energy Sector of North America
Major Professors: Timothy Matis and Flipe Feijoo

Ying Liao

Dissertation: Statistical Machine Learning on Time Series with Applications to Manufacturing and Healthcare
Major Professors: Yisha Xiang and George Zhuo Tan

LAND USE PLANNING, MANAGEMENT, AND DESIGN

Shakil Ahmad Shimul

Dissertation: Metamorphic Surface System: An Investigation to Understand and Combine Flexible Boundary Conditions with Electroactive Polymer Surface, to Develop Transformative Structure Systems for Kinetic Architecture and Kinetic Design
Major Professor: Wei Li

Yohannes Abbay Tessema

Dissertation: The Impact of Design Documents on Time and Cost Overruns of Public Construction Projects in Ethiopia and Mitigation with BIM Implementation: A Case Study
Major Professor: Clifford Fedler

MATHEMATICS

Yawei Cheng

Dissertation: Latent Profile and Transactional Analyses for Cohort Panel Data
Major Professor: Alex Wang

Dulanjalee Damitha Karunaratne Devage Dona

Dissertation: Two-sample Neighborhood Hypothesis Tests for High-dimensional Data
Major Professor: Leif Ellingson

Chathuri Thusharika Sandamali Edirisinghe Arachchige

Dissertation: Stability and Bifurcation Analysis on Communicable and Non-communicable Diseases
Major Professor: Wenjing Zhang

Isanka Upul Udayanga Garli Hevage

Dissertation: The Einstein Paradigm for Nonlinear Flow in Porous Media
Major Professors: Luan Hoang and Akif Ibragimov

Shadi Lakmini Heenatigala

Dissertation: Structure-preserving Low Rank Tensor Methods for the Vlasov-Poisson and Vlasov-Maxwell Systems
Major Professor: Wei Guo

Md Sakhawat Hossain

Dissertation: On a Predictive Model for Multifunctional Materials with Hysteresis and Thermodynamic Consistency
Major Professor: Ram Iyer

Rahnuma Islam

Dissertation: Models of Chemotaxis Systems via Einstein's and Probabilistic Frameworks and their Analysis
Major Professors: Luan Hoang and Akif Ibragimov

Dewamullage Chathuri Nuwanthika Perera

Dissertation: Nonparametric Multivariate CUSUM-based Approach for Statistical Process Control using Sequential Normal Scores
Major Professors: Leif Ellingson and Jay Conover

Hettiarachchige Sithma Sineka Pinto

Jayawardena
Dissertation: Statistical Learning of Political Conflict Dynamics
Major Professor: Dimitri Volchenkov

Mohammad Mahabubur Rahman

Dissertation: Global Regularity Aspects of Equations in Hydrodynamics
Major Professor: Kazuo Yamazake

Kusal Chiranth Rathnayake Rathnayake

Mudiyansele

Dissertation: Using Machine Learning Algorithms in Studies of Human Decision Making under the Continuum and Binary Types of Alternatives
Major Professor: Dimitri Volchenkov

Hongbin Weng

Dissertation: Latent Model for Longitudinal Health Data
Major Professor: Alex Wang

MECHANICAL ENGINEERING

Mehmet Fatih Ozkan

Dissertation: Interactive Autonomy in Mixed Traffic: Modeling, Control and Optimization
Major Professors: Donald Docimo and Yao Ma

Ritwik Rakshit

Dissertation: A Velocity-dependent Model of Localized Muscle Fatigue for Dynamic Activity
Major Professor: James Yang

Shadman Tahmid

Dissertation: Predicting Unmeasured Muscle Activations for the Upper Extremity
Major Professor: James Yang

Yafeng Wang

Dissertation: Quadrotor Motion Control for Wind Turbine Inspection
Major Professor: Beibei Ren

Nicholas John Ward

Dissertation: Unsupervised Deep Learning for Turbulent Heat Transfer and Channel Flows via Generative Adversarial Networks
Major Professor: Stephen Ekwaro-Osire

MEDIA AND COMMUNICATION

Julie Grandjean

Dissertation: Iconic Images as Elite Spectacle: Religious Symbolism and Postmodernism in the (Dis)Service of Power
Major Professor: Mark Gring

Jeffrey Craig Hunter

Dissertation: Red, White, and Rural: Exploring the Dynamics of Political Fandom in Rural Communities
Major Professor: Bryan McLaughlin

Chaitra Kulkarni

Dissertation: Building a Shared Terminology: A Mixed Methods Approach for Understanding Interdisciplinary Collaboration in Cyberinfrastructure Projects
Major Professor: Kerk Kee

Eric David Milman

Dissertation: Live Long and Prosper: Life Stages of Nerdy Fandom Development and the Impact of Familial Upbringing on Fandom Diffusion
Major Professor: Robert Peaslee

NUTRITIONAL SCIENCES

Harsh Jatinbhai Shah

Dissertation: Role of AgRP Neurons in Regulating Branched-chain Amino Acids and its Implication on Glucose Homeostasis
Major Professor: Andrew Shin

ONE HEALTH SCIENCES

Paola Melisa Moncada Munoz

Dissertation: *Salmonella* in the Chicken Industry and the Carriage of the pESI-like Plasmid Associated Genes in *Salmonella* from Latin America
Major Professor: Guy Loneragan

PERSONAL FINANCIAL PLANNING

Ferdous Ahmmed

Dissertation: Three Essays on Retirement Savings
Major Professor: Christopher Browning

Alex Michael Brockbank

Dissertation: Human Capital Investment and Financial Planning Decision-making
Major Professor: Christopher Browning

Dilruba Sharmin Moutusi

Dissertation: Three Essays on Retirement Preparedness of Married Individuals
Major Professor: Sara Asebedo

Ichchha Pandey

Dissertation: Three Essays on Financial Sophistication among Americans and its Influence on Financial Decision Making
Major Professor: Michael Guillemette

Tapiwa Blessing Sigauke

Dissertation: Three Essays on Examining the Determinants of Retirement Planning
Major Professor: Christopher Browning

PETROLEUM ENGINEERING**Yildirim Kocoglu**

Dissertation: Improving Short-term and Long-term Production Forecasting Accuracy in Unconventional Reservoirs by Effectively Integrating Static Completion and Well Parameters with Machine Learning and Deep Learning
Major Professor: Hossein Emadi

PHYSICS**Fatema Abdellah Al Salmani**

Dissertation: Rubric for Assessing Thinking Skills in Free-response Exam Problems
Major Professor: Beth Thacker

PLANT AND SOIL SCIENCE**Billi Jean Petermann**

Dissertation: Microbial Responses Under Differing Ecosystems to Promote Agricultural Sustainability on the Texas Southern High Plains
Major Professor: Lindsey Slaughter

POLITICAL SCIENCE**Pablo César Hernández Borges**

Dissertation: Venezuela's Infinite Crises: Legislative Politics and Representation in a Context of Democratic Backsliding
Major Professor: Alissandra Stoyan

Timothy Paul Holland

Dissertation: Primary Election Reform and Congressional Elections
Major Professor: Timothy Nokken

Lisa Marie Holz

Dissertation: The Effects of Trade Sanctions on Women's Economic and Maternal Wellbeing
Major Professor: Frank Thames

SPANISH**Carlos Cornejo Bernal**

Dissertation: Resolviendo casos desde el tercer espacio: detectives duros chicanos, sus características y las figuras femeninas en sus vidas
Major Professor: George Cole

Mayra Consuelo Mancera

Dissertation: La pilosidad, lo lampiño y otros elementos de terror en los relatos de Carlos Fuentes y Bernardo Esquinca
Major Professor: George Cole

SPECIAL EDUCATION**Brittany Lynn Hall**

Dissertation: Nudge Theory and its Application to Parent Training Related to Gesture Use During a Shared Interactive Book Reading
Major Professor: Robin Lock

Hesper Yvette Holland

Dissertation: The Impact of Embedded Language Strategies on an Untrained Adult's Implementation Fidelity during Shared Reading Tasks
Major Professor: Robin Lock

TECHNICAL COMMUNICATION AND RHETORIC**Akshata Jaising Balghare**

Dissertation: "Hey Google, What's a Deductible?" International Voices on the US Healthcare System
Major Professor: Scott Weedon

Michelle Elisse Flahive

Dissertation: Mentorship as an Embodied Rhetorical Act: Six Graduate Student Instructors Theorize Equitable Mentorship
Major Professor: Michael Faris

Dina Teresa López

Dissertation: "I Wrote a Letter": Recovering the Rhetorical Impact of Social Justice Action from Family Archives
Major Professor: Beau Pihlaja

Sheri L. McClure

Dissertation: Narrating Loss Through Participatory Design: Adding Feminist Methodologies in the Creating of Patient-facing Materials on Miscarriage, Stillbirth, and Preterm Labor
Major Professor: Michael Faris

Leslie Rex Stockell

Dissertation: What Causes Accidents at Work? Workplace Serious Incident and Fatality Investigations: A Study of Precursors
Major Professor: Robert Grace

WIND SCIENCE AND ENGINEERING**Hafiz Hussnain Ali Shah**

Dissertation: A Techno-economic Analysis of Disturbed Wind Turbines for Sustainable Energy Development
Major Professor: Eric Cardella

MASTER OF AGRIBUSINESS**Sloan Noelle Payton****MASTER OF ARCHITECTURE****ARCHITECTURE PROFESSIONAL****Tahseen Reza Anika****MASTER OF ART EDUCATION****Keren S. Rios****MASTER OF ARTS****ANTHROPOLOGY****Mason Joshua Shrader**

Thesis: Moving Beyond the Medical Model: Assessing the Bioarchaeology of Disability in the Roman Empire

COMMUNICATION STUDIES**Infiniti Nicole Anderson****Evans Dwomo Ankrah**

Thesis: An Autoethnography and Qualitative Inquiry into Culture and Communication in the Ghanaian Sphere

Emmanuel Kwadwo Edmund

Thesis: Evaluating Social Influence Surrounding MPox: Using Theory of Planned Behavior to Predict Vaccination Likelihood in College Students, and Moving to America: An Autoethnobiography of the Ghanaian Accent in America

Samuel Mohammed Edogbanya

Thesis: Communicating Cohesion and Meaning Through the Symbolic

Igor Kanashiro Balota

Thesis: Gay in Game: A Rhetorical Analysis of Gay Identity Through Varus and Sett/Aphelios in League of Legends

Katelyn Jade Maldonado**Anayetur Rahaman****Soham Sen**

Thesis: (De)centering and (De)colonizing the Dominant Sphere: A Critical Study of Politics and Language in India

Nikita Rajesh Sharma**ECONOMICS****Hezal Dilan Sari**

Thesis: The Effects of Children on Gender Gaps among Immigrants in Denmark

ENGLISH**Ryan Christopher Hanulik****Rebecca Oquendo****Aimee Daigle Romano**

Thesis: A Communion Hymn

Emalee Brooke Smith

Thesis: The Bell Child: A YA Horror Novel

R. M. True

Thesis: True Stories: As Told by Meathead

EXPERIMENTAL PSYCHOLOGY**Julia Nicole Shull****Melisa Williams Ibora****HERITAGE AND MUSEUM SCIENCES****Emily Catherine Bruun****Margaret Ayleen Dudley****Zoe Elexandria Harden****Victoria Saucedo Hutcheson****Jordan Michael Long****Madison Grace Price**

GRADUATE CANDIDATES

Olivia Rosemarie Rovelli

Thesis: For Whom the (Mission) Bells Toll: A Comparative Analysis of Native American Heritage Interpretation in Museums

Alexis Lane Baird Stephens

Thesis: Disconnect Within the Museum Workplace

HISTORY

Jose Maria Arroyo

Marissa Paul Brameyer

Thesis: CommUNITY: a History of Transgender Community Creation and Maintenance

Courtney Leigh Gragson

Thesis: The Disabled Female Body and the Spirit: A Comprehensive Study of Justita Sengers and her Commentary on the 69th Psalm

JoHanna Nicole Haiduk

Thesis: Unveiling Prague's Intellectual Landscape: Women's Contributions to Nationalism and Cultural Movements in the Nineteenth and Twentieth Century

James Stratton Pomeroy, Jr.

Thesis: Alliances and Armor: Sino-Soviet Support for North Vietnam and the NVA's use of Armor, 1954-1975

Morgan Nicole Trout

INTERDISCIPLINARY STUDIES

Shalonda Carrierre Bilbo

Jim R. Gannaway

Illeana V. Garcia

Thesis: Writing Embodied Ballet: An Interdisciplinary Embodied Methodology for Writing About Ballet Performance

Peyton Louise Turnbow

Kelly Marie Towles

Jacqueline Diana Vittitoe

LANGUAGES AND CULTURES

Kevin Ariel Andia Hernandez

Taylor Danae Clark

Michaela E. De La Houssaye

Mattie Jo Johnston

Angela Rose Pineda

Thesis: Native and Non-Native Processing of the Spanish Subjunctive of Doubt: An Eye-Tracking Study

MASS COMMUNICATIONS

Omowunmi Oladunni Aderibole

Thesis: Internet and Social Media Regulation in an Authoritarian Context: A Case Study of Twitter in Nigeria

Autumn Paige Bippert

Thesis: Hey, I Have That: Mental Health Self-Diagnosis in the Age of TikTok

Mahedi Hasan

Thesis: Journalistic Resistance to Russian Authoritarian Disinformation: The Case of Media Dissidents in the Russia-Ukraine Wars of 2014 & 2022

Scott Jeremy Ison

Kati Rose Moody

Molly Elizabeth Northcott

Claire Elizabeth Seigmund

Thesis: The Zelensky Mystique: An Analysis of Volodymyr Zelensky's Self-Presentation on Instagram

Paul Austin Terrell

Cassandra Marie Torres

Terry Joann Wilkie

POLITICAL SCIENCE

Remilekun Priscilla Adeniyi-Jones

Thesis: The Strategic Relationship between Chinese Loan Disbursement and Developing Countries

Josefina del Carmen Carcamo Vergara

Thesis: Women Representation and Party Institutionalization in Latin America

Marissa McShane Henderson

Mamudat Yetunde Jaji

Thesis: Terrorism and Political Trust in Autocracies

Zaur Kapanadze

Olorunleke Obadiah Ogungbe

Noah Cade Pruitt

PSYCHOLOGY

Alexandra Carrie Bammel

Thesis: Investigating the Impact of Adolescent Traumatic Brain Injury on Health Risk Behaviors

Tristen Don Hefner

Thesis: Associations with Athletic Engagement: A Meta-Analysis of the AEQ

ROMANCE LANGUAGES

Yazarei Yaralex Bazaldúa

Sara Cantero Viudez

Thesis: Varacion en las formas de tratamiento (tu y usted) en las variedades del español castellano, andaluz y canario

Mia Addison Clapp

Michaela E. De La Houssaye

Julia Millan Gomez

Thesis: El uso variable del articulo definido con los nombres propios en distintas variedades del español peninsular

STRATEGIC COMMUNICATION AND INNOVATION

Katherine Marie Boyd

Lindsey Anne Burrell

Saul Ittai Gray

Hillary Carmann Hopson

Alexandria Victoria Lee

Sabrina Michelle Lomosad

Amy Katherine McGugan

Princess Grace Nwosu

Rachel Elisabeth Pruitt

Reagan Alexis Thrasher

Richard Cameron Yeakley

TECHNICAL COMMUNICATION

Katelyn Marie Despres

Olivia Kate Kabell

Josephine Louise Lawson

Callie Theresa Walker

MASTER OF BUSINESS ADMINISTRATION

GENERAL BUSINESS

Samuel Richardson Ahsler

Jackie J. Alexander

Ali Alhaque

Hassan Abed Alkareem Alkhuzaeey

Caroline Elizabeth Anderson

Jackie Irene Arista

Josue Miguel Armilla

Landon Wayne Autrey

Thalia Aimee Avila Espinoza

Nafiah Kimberly Aziz

Fabian Baca

Angela Claire Bacani

Anne Marguerite Balest

April Dawn Ballard

Vishal Vardhan Bandaru

Osmar Francisco Barrera Garcia

Martin Binks

Stephanie Lynn Boston

Michael Joseph Brezik

Michael Douglas Brown

Anna Mae Burton

Kerry David Wenglein Callender

Samantha D'Awn Cantu

Marguis Elise Cardenas

Vanessa Cardenas

Jennifer Nicole Clark

Ruende Clemens

Grace Taylor Collie

Janilyn Kay Cooper

Andrew Stephen Crim

Steven Joseph Crouch

Alessandra De La Rosa

Jody Dickerson

Alexander Dorius

Jackson Shay Driskill

Ryan Fraser Duncan

Matthew Ryan Eades

Cyndi M. Fenton

Valentina Florez Bulla

Morgan Denise Gallegos

Carlos Garcia

Austin Scott Gilbert

Vanessa Gomez

Audrey Lorraine Graham

Evan Boone Gudger

Cade Scott Guidry

Sergio Guillén

Zachery John Gutierrez

Meredith Jane Hahn

Baldemar Ramirez Hernandez

Fabian J. Hernandez

Andie Sue Hernandez

Quynh Nhu Ho

Gregory Grant Hodges

Ashley Nicole Hoel

Madison Michelle Humble

Lowell Kirk Irby

Nathan Charles Isaac

Jireh Micah Jackson

GRADUATE CANDIDATES

Elijah Seth Jackson
Madelyn Jantzen
Amy Roseanne Jasper
Diane Lynn Johnson
JayRielle Joseph
Valeria Ornelas Juarez
Brooke Kanas
Sachi Khemka
Thomas Shane Kilpatrick
Nathaniel Dale Kimball
Charles David King
Jacob Alexander Lake
Colten Dean Lanning
Nga Le
Maxwell Charles Lidstone
Jeremy Renteria Lira
Virginia Marie Lombrana
Saloni Soumen Majumdar
Harrison Scott Maples
Martha Lucia Martinez Perales
Cody M. Masters
Alexander Tankersley McCammon
Drew Joseph McDaniel
Hunter Christian Mendel
Cheyann Jordan Miller
Ashleigh Elizabeth Mills
Sarah Marie Moberley
Peter Erik Montes
Eyitayo Olawunmi Mumuney
Manuel Neri-Alvarado
Yaenie Joan Ngebeh
Beatriz Rabelo Olivetti
Alyssa Jenae Pleasant
Thomas Fordham Jones Prehn
Shelly Prieto
Brooks Robert Ragan
Joanna Silvia Ramirez Cecena
Jennifer Rae Rasmussen
Steven Frederick Reineke
Luis Omar Reyna II
Megan Leigh Richards
Mitchell James Riley
Casey Ryan Rodriguez
Christopher Alberto Rodriguez
Jacob Robert Rubien
Kyle Patrick Ruth
Norma Viridiana Ruvalcaba De La Cruz
Cynthia Magdalena Sanchez
Logan Johnson Schmidt
Luke Johnson Schmidt
Matthew Alexander Schubert
Scott Norris Stephens
Bailey Elizabeth Stiff
Tommy Taylor
Logan Scott Taylor
Gerald Maurice Thomas
Anna Catherine Thomas
Mallory Shea Thomason
Heather Nicole Thompson
Jonatan Samuel Torres
Salvador Nino Trevino III
Kevin Enrique Trujillo
Andrew Troy Turnipseed
Charles Omoikhefe Udevbure, Jr.

Allison Kate Vicklund
Bernard Rogers Vonderhaar
Randal Wayne Walker
Larson Slade Walker
Eileen Johnson Wanless
Sierra Lynn West
Daniel Widtfeldt
Joshua Lee Wildman
Derek Rahn Williams
Sabrina Renee Wilson
Patrick Withers
Brittany Shayla Woertendyke
John Michael Wolpert
Deaven Alan York
Lucy Yu
Savannah Sarah Zachariah
Sarah Diane Zubeldia Hawkes

MASTER OF EDUCATION

BILINGUAL EDUCATION AND ENGLISH AS A SECOND LANGUAGE

Jazmin Alejandra Flores
Audrey Wren West

COUNSELOR EDUCATION

Kyshondra Powell

CURRICULUM AND INSTRUCTION

Adedayo Olatunde Afolabi
Teagan Ann Bourne
Amber Lynn DeLano
Sara Elena Herzog
Kristie Lauren Kersch
Cindy April Lee Sang
Thesis: DAST and Student Perceptions of Scientists: Experience of Middle School-Aged Girls in an Outdoor Learning Experience
Kayla Breann McCann
Laura Gayle Mucciarone
Kaytlynn Mae Murray
Pedro Padilla Payen, Jr.
Almog Porat
Jonathan Ramirez
Angela Marie Romansky
John Merridith Sallee
Sherilyn Beth West

EDUCATIONAL LEADERSHIP

Rosie Zepeda Acosta
Angela Alonzo-Zaiontz
Vanessa Barboza-Silvas
Patricia Hernandez Barrientos
Kaitlyn Elizabeth Benoit
Allison Rose Bryant
Angela Dee Burke
Taylor Cavin
Ashley Atia David
Adriane Denise Davis
Josue Espinoza
Yasmin A. Flores
Windi C. Fuller

John Michael Gesing II
Raquel Lauryn Gonzales
Kelly Ann Gundy
Sarah Michelle Hendrix
Yessica Irigoyen-Tristan
Mirna Elena Jimenez
Chloe Langley Kirkpatrick
Alyson Sarah Klaverweiden
Neelam Lalani
Sarah Elisabeth Miller
Bree Danelle Morris
Kristin Ann Neff
Monica Isabel Paredes
Priscilla Anne Patterson
Andrea Isabel Pena
Hector Eduardo Perez
Amy Plazek
Christina Irma Reveco
Amanda Kay Rios
Dawn Michelle Rivell
Donna Maria Seabrooks
Monique Nichole Sellers
Matthew Craig Spicer
Trisha Leann Whitehurst
Cinnamon Jean Woody
Maria Del Rosario Yetts
Mary Catherine Zucha

EDUCATIONAL PSYCHOLOGY

Kennedy Wasonga Awuonda
Toshia Chere Humphries

HIGHER EDUCATION ADMINISTRATION

Alondra Castaneda
Alexa Linda DeMars
Hannah Denise Kafer
Thomas Gentry Kay
Amanda Lange
Elizabeth Nichole Lee
Alexandria Hope Martinez
Kathryn Michelle Mathes
Adelina Isabel Quintana
Juan Manuel Rocha, Jr.
Jonathan David Webb
Travis Roy Whitesell
Steven Edward Witt

INSTRUCTIONAL TECHNOLOGY

Paul Anthony Garcia
Rebecca Elaine Hardin
Gimena Valenzuela Palacios

LANGUAGE AND LITERACY EDUCATION

Hayley Nicole Roberts

SPECIAL EDUCATION

Emily Kaytlin Bailey
Kaeli Alyzabeth Ebner
Sarah Linn Gallardo
Raynee Renae Garcia
Denna Glascock
Kate Rose Goodwin

Cristina Leeona Hernandez
 Brittany Ann Lackey
 Hannah Mariah Lehman
 Amber Marie Middleton
 Megan Aileen Miller
 Elizabeth Diana Mong
 Sonia Linda Morgan
 Mai Elizabeth Nguyen
 Amber Marie Olson
 Mikayla Leann Scott
 Whitney Wallace Sewell
 Aylin Karayel Snodgrass
 Andres Ivan Torres-Hernandez
 Lacie Jean Traxler
 Frances Kaylyn Vosti
 David Zamora

MASTER OF ENGINEERING

Margarita Consuelo Caceres
 Scott Hamilton
 Zahidul Islam Khan
 Yaser Pakzad Jafarabadi

MASTER OF ENVIRONMENTAL ENGINEERING

Ricki Tai Kuvach
 Brennan Riley

MASTER OF LANDSCAPE ARCHITECTURE

Holly Danielle Craig
Thesis: Integrating Stormwater Ecosystem Services into Local Governance: Content Analysis of Municipal Comprehensive Plans and Land Development Regulations in the Austin-San Antonio Corridor
 Jonathan Garrett Farrow
Thesis: Generic to Xeric: Shaping Public Opinion and Perceptions of Urban Landscapes in Dryland Environments

MASTER OF MUSIC

Bryce Reyan Lewis
 Chad Stephen Stallings
Thesis: Teaching Rock Music as Cultural History: a Pedagogical Model

MASTER OF MUSIC EDUCATION

Garrett Grayson Franks
 Brigido Salazar Garza
 Rachel Brooke Martin
Thesis: Investigating the effects of secondary instrumental music teachers' management of classroom environment on teacher-student interpersonal relationships and perceptions

Melissa Anahi Montemayor
 Lisa Catherine Musick
 Ristella Nyamwija
 Rosendo Ramos
 Emma Christine Wade

MASTER OF PUBLIC ADMINISTRATION

Melinda Ann Brown

MASTER OF SCIENCE

AGRICULTURAL AND APPLIED ECONOMICS

Nixon Shingai Chekenya
 Bradi Noelle Harra
Thesis: Student Grades and Evaluations of Teaching: a Survey Experiment

AGRICULTURAL EDUCATION

Renzo Antonio Ceme Vines
 Carlos Fernando Duran Gabela
 Danielle Lane Lindsey
 Emmanuel Chisom Okolo
Thesis: Preparedness and Response to the 2021 Winter Storm Uri by Texas Dairy Farmers

ANIMAL SCIENCE

Kenley N. Frazier
Thesis: Assessing the Impact of Carcass Hot Fat Trimming on Chilling Rate and Carcass Quality
 Tayler Marie Hays
Thesis: Effects of lubabegron supplementation of conventional heifers and Holstein steers on beef palatability
 Torri Brianne Key
 Carlos Andres Mairena Luna
Thesis: Evaluating the impact of early postmortem temperature variation on beef muscle tenderness and color development
 Kiran Niure
Thesis: Evaluation of glucose supplement provided with enrichment to reduce hunger induced stress in gestating sows
 Daniela Paiva Rodrigues Da Cunha
Thesis: Selective Dry Cow Therapy as a Tool to Decrease the Use of Antimicrobial Drugs in Dairy Farms
 Kaliu Gabriel Scaranto Silva
Thesis: Effects of bacterial direct-fed microbials on ruminal degradation kinetics/fermentation profile, nutrient digestibility, and feeding behavior
 Lucas Caua Spetic da Selva
Thesis: Effects of Supplementation via Hydrogels on Post-Weaning and Cold Stress in Piglets
 Lauren Lena Mae Rose Underwood
Thesis: Using Virtual Reality to Increase Student Understanding and Interest in Farm Animal Welfare

ATMOSPHERIC SCIENCE

Blake Arnold Checkoway
Thesis: "As ready as we can be": Dependency on Others as a Challenge to Adaptive Capacity in Hurricane Florence
 Nicholas Edward Clark
Thesis: A Lidar-based Investigation of Entrainment Zone Processes over a Semiarid Region
 William Louis Faletti, Jr.
Thesis: Investigating the Efficacy of Ensemble Sensitivity-Based Tools for Forecast Improvement in the NOAA Warn-on-Forecast System
 Jacob Scott Nadolsky
Thesis: Characterization of Wind Turbine Flows using Radar-Derived Fields and In-Situ Turbine Measurements
 Joshua Sean Ostaszewski
Thesis: Assessment of Spatial-Temporal Heterogeneities in Quasi-Linear Convective System Cold Pools during the PERiLS Field Project
 Natalie Janelle Trout
Thesis: Wind Flow Characteristics of Landfalling Hurricanes Observed by Texas Tech University StickNets
 Stephanie Taylor Voelker
Thesis: Intercomparison of Aerosol Sensors Used in the Aerosol Research Observation Station (AEROS)

BIOENGINEERING

Roshan Poudel

BIOLOGY

Carla-Cristina Melo Edwards
Thesis: Microplastic effects on the Aedes albopictus and Aedes aegypti microbiome and host immunity
 Peter Olufemi Eludini
 Taranjot Kaur
Thesis: Exploring hidden tripartite association between bacterial endosymbionts, plant parasitic nematodes, and plants
 Jiaqi Niu
 Andrew James Parks
Thesis: Phylogeography of Non-Native Spectacled Caimans (Caiman crocodilus) in Florida

CHEMISTRY

Derek Benjamin Versteeg
Thesis: Anionic Lipid Activation and Allosteric Mechanism of KirBac1.1
 Md Wahiduzzaman
Thesis: Raman microscopy of processed polyethylene particles

COMPUTER SCIENCE

Vandana Bharatha
 Yashaswini Chegu Muni
 Sahaja Reddy Chinta
 Caleb Adom Darnell
 Balapradeepreddy Gade
 Spoorthy Gope Gowda
 Shiny Gutta

GRADUATE CANDIDATES

Harini Guturi
Sai Trinadh Kumar Pulivarthi
Manoj Kumar Reddy
Mani Sriram Redlam
Kondanna Bharadwaj Senapathi
Lavanya Thota
Victoria Valdivieso
Dheeraj Chowdary Yalamanchili
Muhammad Salar Zafar

COUPLE, MARRIAGE, AND FAMILY THERAPY

Amanda Dawn Axelrod
Areesha Azam
Thesis: Examining Correlates of Child Abuse with Adult Attachment and Sexual Satisfaction among Adults
Tanitoluwa Opemipo Bankale
Mary Alexandra Dick
Aubrey Connie Franco
Ashley N. Gomes
Jennah Marie Hanson Daley
Rachel Beth Nordfelt
Lauren Simone Richardson
Madeline Lorin Smith
Kaitlyn Rianne Swecker
Thesis: Fighting the Boss Battle: How does Gaming Affect Relationships?
Kosisocho William Clinton Udozorh
Kathryn Morgan Wagner
Thesis: Relationships with Physicians: How Work Stress Impacts Physician Relationships
Taia Lene Williams

DATA SCIENCE

James Andrew Jolley
Tiery Valdes Kamdem Fotso

ENVIRONMENTAL DESIGN

Armin Piriyaie
Raquel Teresa Rodrigues

ENVIRONMENTAL TOXICOLOGY

Racheal Tolani Afolabi
Thesis: Evaluation of Filtration Characteristics of Different Face Mask Substrates
Mirza Mohammad Omar Khyum
Thesis: Assessment of Nano and Submicron Particle Penetration Criteria of Collective and Individual Layers of Face Mask Substrate

FAMILY AND CONSUMER SCIENCES EDUCATION

Takisha Rena Jones

FINANCE

Travis Dane Mortensen

FOOD SCIENCE

Valeria Isabel Larios Carranza
Thesis: Shelf-Life Evaluation of Manually and Mechanically Deboned Chicken Tenderloins in the Food Service Value-Chain
Kaitlyn Rose Loomas
Thesis: Evaluation of rapid evaporative ionization mass spectrometry (REIMS) for the prediction of slice shear force and biochemical markers of tenderness in beef Longissimus lumborum steaks
Maria Jose Salazar Salas
Thesis: Use of antibiotics and NSAID drugs to inhibit Staphylococcus aureus biofilm formation
Angelica Maria Sanchez Rojas
Thesis: Enviro-mapping Baseline of Microbial Indicators in a Beef Fabrication Floor as a Tool for Sanitary Design, Sanitizing Interventions, and Pathogen Monitoring

GEOGRAPHY

Tarak Aziz
Thesis: Times Matter, the Impact of Dust Events on Air Quality in the Great Phoenix Area, Arizona
Olukayode Benjamin Ige
Thesis: Analyzing Land Cover Changes Around Protected Areas in Africa

GEOSCIENCES

Shannon Teresa Ahern
Ryker James Tracy
Thesis: Geophysical Investigation of the Moho beneath New Mexico, Oklahoma, and Texas

HORTICULTURE SCIENCE

Emily Rose Stamm
Thesis: Uptake, Partitioning, and Growth Effects of Carbamazepine Rates on Hydroponic Lettuce (*Lactuca sativa*)

HUMAN DEVELOPMENT AND FAMILY SCIENCES

Valeria Perez
Aubrey Sierra Makanamaikalani Pickett
Thesis: Predicting intimate terrorism victimization through authoritarian parenting, social dominance orientation, and ambivalent sexism

INTERDISCIPLINARY STUDIES

Elaheh Hadadianpour
Kaymon Elizabeth Lange
Sahithi Sri Manam
Haripriya Ramesh
Raina Tillman Hornaday

MATHEMATICS

Boluwatife Elizabeth Awoyemi
Rachel Elizabeth Fleenor
Nathan Alexander Marr

NUTRITION AND DIETETICS

Anissa Rachelle Avanesyan
Loree Deeann Clauss
Trecia Katrina Gordon
Tanya Kathleen Muecke
Kathryn Michelle Scheidler

NUTRITIONAL SCIENCES

Lakshmi Chowdeswari Appasani
Fatemeh Jafari

PERSONAL FINANCIAL PLANNING

ArDarius Dalmond Singleton
James R. Zugg III

PHYSICS

Corey William Bradshaw
Thesis: A Spectral Investigation into the Properties and Evolutionary Status of Radial-Mode Hot-Subdwarf Pulsators and Blue Large-Amplitude Pulsators
Kunal Prashant Deshmukh
Thesis: Modeling the Double Detonation Supernova Progenitor CD-3011223
Asma Harun
Thesis: Particle transport by cilia arrays in parallel wall channels
Eric Paul Stringer
Thesis: Detailed Follow-up Studies of Three Ultra-compact sdB Binaries

PLANT AND SOIL SCIENCE

Chidinma Lois Nwoko
Thesis: Development of Protoplast Regeneration System in Soybean
Rebekah Adriana Ortiz
Thesis: Crop Rotation Effects on Soil Properties and Cotton (*Gossypium hirsutum* L.) Yield in Semi-Arid Texas
Maxwell Edward Smith
Thesis: Axant™ Flex Cotton Weed Management Systems and Preemergence Palmer Amaranth Control Using Isoxaflutole
Casiani Marie Soto Ramos
Thesis: Evaluation of rotation varieties strategies to control reniform nematode in cotton (*Gossypium hirsutum*)
Md Nur Uddin
Thesis: Delignification of Industrial Hemp Bast Fibers Using "Green" Solvent

SPORT MANAGEMENT

Landon Wayne Autrey
Kerry David Wenglein Callender
Jakeb Lane Cockerham
Linyu Dong
Cassidy Raegan Ford
Justin Michael Hall

GRADUATE CANDIDATES

STATISTICS

Dip Das

Thesis: Classification performance of supervised machine learning methods on multivariate normal mixture models with application to heart failure dataset

WILDLIFE, AQUATIC, AND WILDLANDS SCIENCE AND MANAGEMENT

David Andrew Creamer

Thesis: Zebra Mussel Invasion Risk: Identifying Lakes Critical to the Spread and Establishment of Zebra Mussels and Modeling the Western Spread of the Species

Tucker Glenn Davidson

Thesis: Nest Survival and Nest-site Selection of Avian Communities in Pinyon-juniper Woodlands Undergoing Thinning Treatments

Lily Evans

Thesis: An Assessment of Prescribed Grazing for Lesser Prairie-chicken Habitat on Beef Herd Health and Productivity

Ariana Adela Rivera

Thesis: Habitat Restoration of Pinyon-juniper Woodlands and its Impact on Avian and Plant Communities

MASTER OF SCIENCE IN ACCOUNTING

Abigail Payton Abide

Alyssa Marie Albers

Mason Joseph Byrd

Cara Alane Caldwell

Alyssa Nicole Caswell

Zachary Ryan Corbett

Brandon Cosgrove

Luke Regan Fleitman

Alexandra Grace Frean

Mackenzie Leigh Hadsall

Logan Victor Hancock

Kade Braydon Hicks

Brett Reed Hinton

Alexander Hoffman

Douglas Alan Holtzclaw III

Ayden James Lawrence

Steve Ryan Lekas

Trevor Keane Lewis

Mariah Elise Madrid

Jose Alonso Maldonado Rodriguez

Corbin Graham Melville

Graham Nelson

Jaime Perez

Jordan Taylor Pirtle

James Robert Preston

Mason Ray Rivera

Richard Sierra III

Matthew Thomas Sorrels

Stephany Ann Swisher

Jesus Eduardo Tarango

Camron Anthony Taylor

Joshua Biggs Thompson

Zoe Michelle Titus

MASTER OF SCIENCE IN ARCHITECTURE

ARCHITECTURE POST-PROFESSIONAL

Najmeh Malekpour Bahabadi

Thesis: Community Infrastructure: Cisterns as Urban Artifacts in Yazd

Priscila Manfrin

Thesis: Biophilic Design in Healthcare Environments: Schematic Guidelines and Approaches

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Puneeth Ganesh Babu Agoram

Hetvi Tarak Patel

MASTER OF SCIENCE IN CIVIL ENGINEERING

Mojtaba Esmaeili

Hewawasam Haggallage Nadeeshani

Dhanushika Haggalla

Ramesh Kavuri

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Ashley Addison Beard

Thesis: Advanced Grid Operations: The Real-Time Simulation of Power System Faults to Innovate Protection Methodology

Neelima Bobba Subramanyam

Farshad Bolouri

Thesis: CottonSense: A High-Throughput Field Phenotyping System for Cotton Fruit Segmentation and Enumeration on Edge Devices

Brandon Russell Bywater

Thesis: High Power Microwave Breakdown of C4F7N (Novec 4710) Gas Mixtures

Zachary Cardenas

Thesis: A Study of Surface Charge Decay on Dielectrics in Various Atmospheric Conditions

Andrew Mark Eulenbach

Thesis: An Evaluation of Power Semiconductor Switches for Pulsed Power Applications

S M Abdul Basit Imam

Md Faiyaz Kabir

Michael Philip Mounho

Thesis: Statistical Characterization of Vacuum Surface Flashover for Positive 45-Degree Geometries

Daniel Wangunwa Pimbi

Thesis: Polarization independent and rotation photonic Bragg grating filters

Jacob William Slattery

Thesis: Quantifying the Shielding Effectiveness of Materials and Seam Design Techniques against EMI Induced from Lightning Attachment Events

Gokul Somasundaram

Thesis: A Feasibility Study of Digital Predistortion (DPD) on the Linearization of Millimeter-Wave Power Amplifiers

MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING

Fareeha Imam

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Erik Conrad Hattendorf

Mahmuda Ishrat Malek

Brent Allen Perry

MASTER OF SCIENCE IN PETROLEUM ENGINEERING

Dorcas Sekemi Eyinla

MASTER OF SCIENCE IN SOFTWARE ENGINEERING

Alec Reid Jamar

Justin Powell McClain

MASTER OF SCIENCE IN SYSTEMS AND ENGINEERING MANAGEMENT

Tabitha Leigh Stricklin

PROFESSIONAL SCIENCE MASTER'S

ENVIRONMENTAL SUSTAINABILITY AND NATURAL RESOURCE MANAGEMENT

Donald Raymond Hilger

Carolina Viviana Pardo

CANDIDATES FOR UNDERGRADUATE DEGREES

The **bachelor's degree** represents completion of a four-year course of college-level study and is the oldest academic degree awarded by American institutions of higher learning.

Graduation with Honors is a distinction that is noted on diplomas and transcripts and receives special recognition at graduation ceremonies. Undergraduates who complete their work with a cumulative grade point average of 3.9 or above are graduated *Summa Cum Laude*; 3.7 to 3.89, *Magna Cum Laude*; 3.5 to 3.69, *Cum Laude*. Those who graduate from the Honors College after acquiring 24 Honors credit hours graduate "with Honors." Those who also complete an Honors thesis or project consisting of six additional hours graduate "with Highest Honors."



TEXAS TECH UNIVERSITY
Agricultural Sciences & Natural Resources

Davis College

BACHELOR OF SCIENCE

AGRIBUSINESS

Ellie James Bailey
Hallie Katherine Kleman
Dylan North
Jose Marcos Zagala

AGRICULTURAL AND APPLIED ECONOMICS

Derek Ray Delgado
Kyle Pearson Maddox
Nicholas James Broussard
Chase David Collier
Nathan Neal Diedrich
Garrett Curtis Donaldson
Aaron William Douglas
John Michael Holcomb
Houston Lee Hunter
Peyton Andrew Ivie
Skyler Morgan Jones
Jackson Lehman
Kaytlyn Rachel Miller
Reagan Rice
Carsen Elise Rushing
Ashley Stoddard³
Braden Ross Stone
Marcus Lee Toliver
Nathan Nash Van Parys
Simon Jamail Waldrop

AGRICULTURAL COMMUNICATIONS

Kassidy Rae Bogle²
Peyton Claire Halfmann
Mackenzie Lee Johnson
Haley Diane Milam²
Hannah J. Pearson
Chloe Gayle Tadlock

ANIMAL SCIENCE

Caleb John Behrends
Madelyn Rose Briones
Brooke Ann Burch³
Anthony Jose Gonzales
Kaiyah Lanae Gonzales
Marie Elizabeth Goulais
Christopher Blake Holyfield
Savannah Marie Ivey^{3,4}
Abby Jane Jones³
Kaitlyn Brooke Malloy³
Elie Isaiah Marron
Gabriela Isabel Minjares
Katherine Diane Moreno
Megan A. Murley
Meagan Renae Newton

Alba Marcela Perez Perez
Hunter Paige Seaboch
John Terrell Shepard
2nd Degree: Accounting
Haley Sage Stout

CONSERVATION LAW ENFORCEMENT

Tyler Thomas Simmons³
Caleb Thomas Smith

NATURAL RESOURCES MANAGEMENT

Payton Elizabeth Stewart Hess³
Doug Allard
Caleb C. Butler
Calvin Floyd
Alexandra Nikole Garcia
James Michael Harrington
Jessie Herbst Indermant
Brandon Lofton
Cole Strottman McElwee³
Ian Armstrong Myers
Abigail Marie Pyne
Charles Ross Sabin¹
Ian Campbell Shugart
Robert Quynnten Tarbet
Dylan Christopher Tice
Jayme Elizabeth Czap³

PLANT AND SOIL SCIENCE

Ethan C. Carter
Lisette Scarlet Osorio Garcia
Nicholas Michael Wilson

BACHELOR OF LANDSCAPE ARCHITECTURE

Anna Vera Ten Eyck



TEXAS TECH UNIVERSITY
Architecture

Huckabee College

BACHELOR OF SCIENCE

Marcelo Diaz Hurtado³
Mattia Hajmeli²
Alyssa Anne Jarrell³
Alena Nicole Keller
Connor S. Krodell
Antonio Lopez
Robin Mutchler
Chukwudi Cross Odita-Honnah
Cesar Alexander Olachia
Viral Hitendra Patel
Desiray Rodriguez
Juan Manuel Rojas Cabrera
Ashley Marie Smith
Matthew T. Trammell
Guadalupe Vazquez
Aymane A. Zaam



TEXAS TECH UNIVERSITY

College of Arts & Sciences

BACHELOR OF ARTS

ANTHROPOLOGY

Anthony J. Herrera
Savannah Leigh LaRocca²
Jeffrey W. Luttrall²

CHEMISTRY

Landon Lee Smith

ECONOMICS

Deema Nedal Eisa Azzam¹
Bo Robert Baker
Alexander Ross Day
Marcus Mccaleb Harris
Taylor Elise Holle
Andrew Thomas Mitchell
Jacob Matthew Plunk
William Ford Roberts
Ethan Michael Scott¹
Karlson John Thomas Smith
Bryce Vest
Luke Wayne Wright

ENGLISH

Katelyn Marie Blair¹
Juan Diego Garcia
2nd Major: History
Michael R. Garcia¹
Trevor Winn-Dunnam Henington²
Michaela Grace Horton
Thais Gabriela Molina¹
Raymond Morris¹
Michael Todd Parker¹
Kaylah Lanise Patterson²
Haley Mariah Plummer
Madison Bailey Samford
Kelly Smith
Kouressa Smith¹
Garrett Jacob Wade³

GEOSCIENCES

Aaron Thomas Meyer

GLOBAL STUDIES

Hayley Allison Culpepper

HISTORY

Mark James Aaron
Tawny Irene Armstrong-Denton
Carson Bruce Boyd
Saydie Leora Bradberry
Helisse Marie Dowd
Wyatt Russell Erickson
Renerio Josias Esquivel
Brayden Everett Lemon¹

UNDERGRADUATE CANDIDATES

Russell Christopher Leonhardt
Joshua Zack McKeever
T. David Parker
Paeton Brooke Stice
Kylie Nicole Weber²
Miranda Alexis York

LANGUAGES AND CULTURES

Lauren Jade Bengoa²
2nd Degree: General Studies

MATHEMATICS

Austin Michael Mossberg

PHILOSOPHY

Coy Wilson Crain³
2nd Degree: Management
Sarah Grace Snowden

POLITICAL SCIENCE

William Berry Arensmeyer
2nd Major: History
Alejandro Cantu II³
Richard Lashway Cisneros²
Natali Elizabeth Gabriel
Pedro Jose Gonzalez
Sabrina M. Herrera²
Gold Nkemjika Iro²
Kristen R. Jones
Emily Nicole Koppers
Ndagijimana Levis³
Colton Gregory Lind
Jaden Alaze McCullough Smith¹
2nd Degree: Sport Management
Mark Randall Nicholson, Jr.
Carolina Sapien
Kevin Allan Selby
Skyler Ashton Sokora
Savannah Marie Starkey¹
Chloe Quinn Strader
Jonathan Vargas
Alexandra E. Wallace³

PSYCHOLOGY

Breanna Baker¹
Peyton Alexandria Bazaco
Jack Zane Bennett³
Emily Joli Bladel
Rachel Kathryn Blake²
Jaden Brown
Shannon Elizabeth Byerman
Carissa Cay Byrne¹
Graciela Lopez Caballero²
Christian Carlos Castillo
Vanessa Arianna Chaires
Sarah Marie Dawson
Johnathan Hunter Dittmore
Haleigh Elizabeth Dockter
Jimmy Duenez
Elizabeth Carter Dungan
Regan Renee Easterling
Jaiden Nicole Lee Eaton
Chris Ekwem
Kaylee Marie Emerson
Mikah Danielle Escamilla
Cameron Javon Felton
Riley Nicole Foreman
Taylor Nichole Gallegos
Emily Ann Gannon
Mia Karisma Gibaszek
Aurora Irma Gonzalez

Tiffany Savannah Hood
Victoria Anne Hughey²
Angelica Maria Islas²
McKenzie Anne Ivins
Jerrod Broc Jahnke
Nicolas Aldo Lamberti
Eduardo Leos
Emma Grace Lively
Abigail Renee Loddeke³
Jordan Lee Madrigal³
Garrett Allen Mann
Teya Elena Martinez³
Isabella Grace McCormack
2nd Major: Sociology
Morgan Claire McCullough³
Matthew Shane Ministrelli
Araceli Monzon²
Angelique Marie Morales
Ivette Sarahi Morales
Mya D. Nicholson
Jimmy Ray Nye III
Olivia Grace Potter¹
Dylan Ray Register²
Katelyn Elizabeth Riley
Abigail Renay Riojas
Rachel Ann Roberts
Emily Rose Roger
Sarah Justine Sadek¹
Isabel Amanda Salinas
Camille Noelle Schweppe¹
Imani Monique Sims^{1,4}
Khelsey Joe Smith
Valerie Ann Stickler
Tanyitaku Enow Tanyi
Daniella Nicole Thompson
Sarah Nicole West³
Emily Irene Wheaton

SOCIOLOGY

Bethany Lauren Fuller
Jordan Isaiah Garcia
Ashley Gomez Mena
Troy Austin Hainsel
Kyndall Dawn Hightower
Payton Sue Humphreys
Maranda Nykel Jenkins
Jonathan Ray Leek³
2nd Degree: General Studies
Peter Phuc Nguyen¹
Brenda Ortega
Reanna Perez
Kirk Andrew Perry

SPANISH

Sydney Michele Aguilar
Daisy Savannah Flores
Eldy Victoria Juarez
2nd Major: Psychology
Jacey Rebecca Loeza¹
Courtney V. Miller^{1,4}
2nd Degree: Biology
Kayla N. Nguyen
Zachary Osborne
Courtney Ritchie³

TECHNICAL COMMUNICATION

Colleen Elizabeth Gallagher
2nd Major: Political Science
Zariah Elianna Gloria²
Katie LeAnn Karadimas¹
Ashley Jordan Valderaz

BACHELOR OF GENERAL STUDIES

Samuel Akindele Adeola, Jr.
Yasmin Sameh Amin
Wyatt J. Andreu
Henry Newton Armstrong II
Angela Adriana Banda
Jade Magdalena Barnhart
Lauren Jade Bengoa²
2nd Degree: Languages and Cultures
Lauren Elena Boyett
Trent Arthur Cadman
Ashley Brooke Carroll
Payton Wayne Casarez
Amberley Nicole Casey
Ashley Nicole Cordero
2nd Degree: Microbiology
Daniela G. Corral
Michael Ugochukwu Emmanuel
Juliana Enriquez
Amanda Aliya Escandon
Miguel Jesus Fabela
2nd Degree: Biology
Rebekah Gayle Fintel
Johnny Lynn Freudenrich III
Mason Manuel Garza
Christopher Keith Geyer
Eric Wesley Gillette
Kayla Marie Godinez³
Keelye Elayne Greenhill
Caleb Grey Griffin
Mackenzie Rae Harper
Ashley Joy Hedtke
Jaci Jady Helm
Amber Nicole Hilburn
Rylee Hoover
Harper Olivia Hughes¹
Okunola Blythe Igbekoyi
Tanayia Vivian Jenkins
Katelyn Noel Kurio
Jonathan Ray Leek³
2nd Degree: Sociology
Aaron Douglas Lucas
Shelby Marie Markert
Megan Lachel Medcalf
Kyla JoeAnn Navarrete
Callan Ruth Netherland
Katelin Marie Nolan³
Brittany Guadalupe Olvera
Sofia Yolanda Olvera
Natasha Atieno Omondi
Maria Isabel Penrod
Kedsana Kayla Pratommarath
Alvi Abdur Rahman
Carlos Anthony Rangel
Thomas Ryan Rendon
2nd Degree: Accounting
Breanna Lee Reyna
Scotty Lane Rhodes³
Levi Alexander Rucker
Brandon M. Ruiz
Olivia Hope Sawyer

UNDERGRADUATE CANDIDATES

Halaina Jordan Smith
Madison Shelbi Sotelo²
Reagan Lynne Springfield
Amy Elizabeth Stephens
Deborah Dianne Taylor
Marcus Cameron Urteaga
Amanda Aileen Villarreal²
Christopher Anthony Walker
Jacob Ryan Ward
Kyle Christian Warner
Kylee Elise Wietzikoski
Ashley Nicole Williams

BACHELOR OF SCIENCE

BIOCHEMISTRY

Raul Chambers
Guilice Nadia Nguetsa Nkengmo
Uyen Tran Nha Nguyen
Luke J. Raetzman
Daniel Raya
Jose Antonio Rios
Zachary Cole VanSaders⁴
Adrin James Williams

BIOLOGY

Daniela Alexis Acuña
Amaan Ali Allana³
Mohammad Manalastas Al-sheikh¹
Hetkumar Ravindrakumar Amipara
Aylin Yadira Barragan³
Kayla Marie Benson²
Nicholas Lopez Bonilla
Adriana M. Botero³
Gustavo Campos
Sandra Michelle Chaidez
Gabrielle LaShae Cleveland¹
Kourtne Celinda Contreras
Brandon James Duncan^{2,4}
Sophia Ukeme Ekwere
Willie Edward Ellis III
Miguel Jesus Fabela
2nd Degree: General Studies
Nathalie Gisselle Fernandez
Briana Michelle Gonzalez
Stephanie Noelle Goodrich^{1,4}
Emily Lynn Gorzell
Kaylee Kristine Heisick
Brooke H. Hickok³
Andrea Mariana Hidalgo
Jason Drake Holbert²
Kimberly G. Lugo
Kathryn Aelanna Martin
Brea Renae Melton
Tyler James Metcalf
Courtney V. Miller^{1,4}
2nd Degree: Spanish
Alexa Noshari
Kamsiyochukwu Nicole Okaro²
Abigail Dayrit Papica
Payton Danielle Pargo
Emily Nguyen Pham³
Miller Nayelly Rangel Marin
Jonathon Keller Rhoton³
Jaymie Amber Salas³
Jacob S. Schnier
Travis Ryan Schubert
Ahmad Sheikh Alard
Kenesaw James Stephens

Riley Blair Strey
Kaci Mae Sumrow
Kayla Renee Tober
Kenzie Nicole Valenzuela
Kerstan Taylor Watts
Alyssa Jane Westcott
Gabriel William Wood
Mimoza Yohannes

CELL AND MOLECULAR BIOLOGY

Savannah Claire Kelly^{2,4}

CHEMISTRY

Michael Patrick Spillman

ECONOMICS

Hunter Worth Arnette
2nd Degree: Management
Besa Vanesa Masaiti

GEOSCIENCES

Ashten Elizabeth Fenton
Andrew Trinidad Herrera
Amal Anwar Khan
Bethany Erin Morgan³
2nd Major: Mathematics

KINESIOLOGY

Seth Collier Acton
Hani Husain Ahmad
Michael J. Arndt
Marcus Anthony Barajas
Caitlan Midori Barber²
James Adrian Berry
Druv B. Bhakta
Xenia V. Blanco
Kinlee Delaine Bowman³
Zachary Austin Brown
Madison Elizabeth Caffey
Adam Robert Clayton
Abigail Theresa Cole
Devon Matthew Collins
Anna Doherty³
Rhyann Nikole Durbin
Kelly Brooke Elliott¹
Roxana Escareno
Oluwatobi Odunayo Fasehun
Giselle Francisca Fernandez
Nicole Jade Garcia
Noe Alfredo Gonzalez
Guillermo Guerra III
Natalie Nicole Gutierrez
Sean M. Hatfield
Trystan Hilger
Jacob Lee Hisel
Nathan Battle Hoggatt²
Jaden Hutchins³
Lidia Jojy²
Austin Clark Kinder
Ashley Jeanette Mapps
Isabella Leticia Martinez
Lillian Siobhan Mau
Trey Austin McPherson¹
Sheila Juliette Mendez
Cody William Mills
Julia Marie Molina²
Drake Devon Moya
Kelvin Osayuki Obazughanmwem

Samir Ochoa⁴
Skyla Brooke O'Neal
Lauren Rose Parworth²
Aylee Yvette Perales²
Natalie Zoe Podowski
Anna Elisabeth Price
Justin Eli Reyna
Deven Jorge Rivera
Nichola Perez Sangalang
Riley Raquel Sheridan
Casandra Jordan Smith
Davis Cameron Smith
Austin Leon Sullivan
Janeane E. Torres
Victoria Ainsley Travis²
Alexee Hope Trinidad
Matthew James Ulshafer
Hayley Mackenzie Vaughn
Ryan Paul Vick
Trevor Lane Wright
Hayley Noelle Wywias³
Humberto Junior Zubia

MATHEMATICS

Oscar Alaniz
Kevin Ikenna Anene
Luke Daniel Brennan
Ricardo Chavez
2nd Degree: Chemical Engineering
Rachel Beth Gyamfi
Nathan Fox Holtman¹
Kelsea Mychaela Keeney
Cameron Heath Merryman³
2nd Major: Microbiology
Aurora Nicole Munyaneza³
Ryan Keith Newsome
Aurelio Joseph Pando
Kilei Ann Pope
Anna Solodukhina¹

MICROBIOLOGY

Shruthi Anbu Durai^{2,4}
Denise Barrientos
William Michael Brothers²
Ashley Nicole Cordero
2nd Degree: General Studies
Jordan Ryleigh Johnson
Esther Ann Metcalf^{3,4}
Troy Bradley Nations³
Stephanie Michelle Parker
Tram Anh Pham
Dennis Carlton Ryne
Adrianna Magdalena Smith³

PHYSICS

Saval Bhail

PSYCHOLOGICAL SCIENCES

Diego Alejandro Angobaldo
Isabel Austin Billings³
Alyssa B. Espino

RENEWABLE ENERGY

Christian Joseph Dizon
David Navarrete
Zachary Aaron Richards
Brock Douglas Taylor³
Evan Robert Terzian²
Naillah Umutioniawase

UNDERGRADUATE CANDIDATES

SPORT MANAGEMENT

William Drew Blankenship
Zackery Jay Boles
Landry Edward Brown
Nathan William Dudley
Evan Isaiah Finkel¹
John Andrew Gurley
Vanessa Hakizimana
Caeden Michael Jenkins
Troy Matthew Kennedy
Aaron Christopher Markwardt
Jaden Alaze McCullough Smith¹

2nd Degree: Political Science

Brooks Christian Meinecke
Megan Denisse Mendoza²
Kason Tyler Mullins³
Gwendolyn Maya Palacios
Jacob James Roberts
Jaxon Avion Rollins²
Sophia Chloe Schexnayder²
Peyton Troy Sorrells
Mary Elise Stewart
Madison Paige Thompson
Christopher Anfernee Vasquez
Wyatt Keller Young²
Lillian Grace Zachry

WIND ENERGY

Christian Alexander Coffman²
Ian Christian Davis
Nicholaus D. Peel

BACHELOR OF SCIENCE IN INTERNATIONAL ECONOMICS

Joshua Thomas Griggs
Ty Matthew Johnson
Nathaniel T. Miller



TEXAS TECH UNIVERSITY

Rawls College of Business

BACHELOR OF BUSINESS ADMINISTRATION

ACCOUNTING

Abigail Payton Abide³
2nd Major: Finance
Carly Danielle Baker
Nicholas Andrew Boyer
Alexa Kennedy Branch
Jace Brown
2nd Major: Finance
Jazmin Bustamante
Mason Joseph Byrd^{3,4}
2nd Major: Finance
Alyssa Nicole Caswell
Erika L. Cope²
Kalan Dyan Copeland
Zachary Ryan Corbett
Allison Michelle Corley
Brandon David Cosgrove
Zechariah Thomas Edwards
Adela Monzerrath Fernandez
Luke Regan Fleitman

Xavier Florez
Alexandra Frea³
Elaina Linden Gage
Madison Gayle Goertz
Ahsan Hussain Hamani
Savannah Lynn Hansen
Kaitlin Louvae Heins²
Austin Alexander Hidalgo³
Brett Reed Hinton
Alexander Hoffman
Douglas Alan Holtzclaw
Ayden James Lawrence
Zoie Kendall LeBlanc
Steve Ryan Lekas³
Trevor Keane Lewis³

2nd Major: Finance

Andrea Luna Hernandez
Mariah Elise Madrid³
Jose Alonso Maldonado Rodriguez
Samantha Jean Melton
Corbin Graham Melville
Graham Nelson
Thomas Logan Owen
Daniel Grady Payne
Jaime Perez²
James Robert Preston²
Thomas Ryan Rendon

2nd Degree: General Studies

Mason Ray Rivera³
John Terrell Shepard
2nd Degree: Animal Science
Christy Taylor Smith
Matthew Thomas Sorrells
Justin Nathaniel Soto
Gracie Elizabeth Speer
Stephany Ann Swisher¹
Jesus Eduardo Tarango
Camron Anthony Taylor¹
Joshua Biggs Thompson
Zoe Michelle Titus³
Hikmat Jadesola Towobade

FINANCE

Andrew Steven Brocklebank
Rinnah Jia-Yin Chew¹
Cambri Faith Cummings
Luke Aaron Falbo
Johnathan William Faucett
2nd Major: Accounting
Austin Jakob Fernando
Cormac Edward Fish
Diane Suzette Garcia
Noah Richard Goss
Nicolette Olivia Guerra
Sonceray Gabreilla Hewett
Cole O'Quinn Hranicky
Mark Anthony Izarraras
Nathan Michael King
Lilia Mercedes Leyva
Andrew Diego Mares
Jimmie Kent Armin Martin
Cooper J. McLain
Riley Mathew Morlock
Alexandria Morgan Morris
Austin River Musgrove
Olivia Ozioma Chisom Ofoegbu
Tyler Michael Pav
Amanda Kate Pearl

Jordan Taylor Pirtle²
2nd Major: Accounting
Grayson M. Rapp
Cole Walker Seely
Mitchell Jay Sharkey³
Jordan Hamilton Stocker
Anna Elizabeth Strain
Bradley Christian Sumner
Mireya Esmeralda Trejo
Kishan Thomas Vasal
Evan Spencer Williams
Cameron Brock Wilson
Cole Riley Wilson
Catherine Grace Wright²

GENERAL BUSINESS

Alyssa Anne Jarrell³
2nd Degree: Architecture
Breanna Lee Pettingill³
2nd Degree: Counseling & Addiction Recovery Sciences

INFORMATION TECHNOLOGY

Tristian Hunter Allison³
Madison Caprarotta
Peter Joseph Chambers
Brainerd Otitochukwu Uchebenu
Tyler Russell Wade³

MANAGEMENT

Cecilio James Adorna
Victoria LeighAnn Alvarado
Travis Zachary Armstrong
Hunter Worth Arnette
2nd Degree: Economics
Aubrey Ann Baker
Grace Lynn Baker²
Ryder Jobe Barton
Jackson Reed Bayne
Helene Sophia Bergmann-Busby
Olivia Bryn Bohannon
Trevor Alec Ray Boliver
Mitchell David Brown
Juan Antonio Chavez
David James Craig
Coy Wilson Crain³
2nd Degree: Philosophy
Martin Ruff Crawford
Ryan Joseph De La Rosa
Dustin Matthew Duncan
Ridge Alexander Dutkin
Haiden Elizabeth Endres
Tori Breanne Fisher¹
Kyle C. Fries
Annslly Tate Hamilton
Benjamin Michael Hampton
William Jack Hogan
Cason Alan Holly
Ajhyree Holmes
Raleigh Hunter Hortenstine³
Avery Noelle Iley
Travis Ray Johnson
Jakob Giles Kasperbauer
Nathan Lentz²
Canton Hays Long
Jack Massey
Nicholas James Masten-Dear
Stephen Erik McInroe
John Thomas McLiney
Monroe Alexander Mills²

UNDERGRADUATE CANDIDATES

Jacob Paul Moore
 Joshua Rey Morales
 Landon Everett Newcomb
 Trent Maxwell Nolen
 Ethan Daniel Quaid²
 Alexa Isabella Raino-Nilsson
 Zachary Benard Reynolds
 Colton Tanner Rich
 Brien Christopher Richard
 Savina Jacinta Rodriguez Moreno
 Mia Alejandra Salazar³
 Jake Ryan Slaughter
 Caleb Bek Stanley
 Mason Thomas Still
2nd Major: Marketing
 Derek J. Stowers³
 Tobyn Symonds Symonds
 William Bruce Thomas
 Trevor Lynn Thompson
 Sebastian Torres
 Alanah Alvarez Valencia
 Zachary Tyler Vooletich¹
 Drew Matthew Webb³
 Weslee Lynn Williams³
 Alexis Nicole Wood
 Ian Charles Yale

MARKETING

Abdelaziz Eyad Alswaiti^{2,4}
 Chase Austin Barrick
 Dominic Lorenzo Bejarano
 Blake Raymond Bembry
 Chivas Brianna Bevers
 Rylie Anne Bowes
 Caleigh Kristin Buchanan
 Andrew Robert Burns
 Sierra Michiko Castles
 Jeremy David Codoluto
 Mallory Renee Cole
 Ethan Curtis de la Garza
 Richard R. De La Rosa
 Ashlynne Claire Dixon³
 Malone Alexander Drewett
 Kevin Russel Dunn
 Carter Reed Elliott
 Marco Theodore Escamilla
 Luis Roberto Flores
 William Alberto Flores²
 Trisha Gian³
 Naomi Iman Glanville
 Giselle Gonzalez Trejo
2nd Degree: Advertising
 Brandon Alexander Hondros
 Halle Faye Hudson¹
 Ricardo Huerta
 Marshall Staley Hunt
 Benjamin Everette Huxtable
 Sloan Genel Ibanez
 Aron Kyle Ido
 Jayden Lee Judson
 Camden Brock Kelly
 Kanon Zeke Kennedy
 Jackson Cade Knauss
 Jackson Robert Kramer
 Cody Dwayne Lancaster
 Timothy James Lojko
 Lindsey Nicole Lucas
 Jasson Marquez
2nd Major: Management
 Hannah Elizabeth Martin

Andres Adrian Martinez
 Jacob Isaiah Martinez
 Andrew Elkins Matter
 Ryan William McCrea
 Sydney Frances Miller³
 Page AgathaMarie Mindedahl
 Lauren Paige Morrow
 Autumn Danielle Murphree³
 William Scott Parten
 William Stevenson Phillips
 Ayla Noelle Picone
 Marlee Elise Preston³
 Tyler George Ramirez
 Ibrahim Fathi Mohamed Refahi El Masry
 Joshua Reveles¹
 Samanta Yicela Reyes Reyes²
 Jalen Thomas Rideau
 Ethan Edward Rocha
 Ethan Mathieu Rozier
 Samantha Ruby Salais
 Natalie V. Sevilla
 Avi Shapira
 Jacob Ray Spivey
 Anslee Scott Teems
 Nahom Kiflom Tewolde
 Sidney Taylor Thompson
 Christopher Hennen Upp
 Kaitlyn Danielle Vela
 Simone Kyra Watkins
2nd Major: Management
 Rachel Mary Webb
 Chase Robert Woods

SUPPLY CHAIN MANAGEMENT

Jose Francisco Amaro
 Dawson Floyd Bradford
 Ian Joseph Hess³
 Riley Christine Pangilinan
 Aricia Kuhn Rodriguez
2nd Major: Management
 Jack Harris Schneemann³
 Caleb Martin Tucker²



TEXAS TECH UNIVERSITY
 College of Education™

BACHELOR OF SCIENCE

EDUCATION

Adrianna Justine Adade¹
 Fatma H. Ahmed¹
 Leniesha Ruchiele Allen³
 Kylie Marie Auger
 DeAnnica Tolston Avery
 Avandia Nohemi Avila¹
 Lauren Mercedes Banuelos¹
 Azul Berenice Barajas¹
 Joni Lynne Bell¹
 Julissa Bello²
 Khristopher Kurtis Benford³
 Talina Nicole Briceno¹
 Kacey Alise Bronnenberg¹
 Callin Bree Bursleson
 Nancy Cristina Cabrera Ruano³
 Shelby Gayle Caldwell¹
 Melanie R. Carbajal¹
 Marcos Chapa¹
 Torie Mashele Chappotin²

Kimberly Mellissa Cruz¹
 Mari Analuz Cruz
 Sammone Ada- Yvonne Daviss
 Jacqueline Delgadillo¹
 Rania Omar Elkhatab
 Sadie Elaine Ellis²
 Alexandria Cecilia Esparza
 Diana Estrada
 Candy Flores²
 Amber Ford Fruge
 Sofia Lorena Beltran Rodriguez¹
 Lucia Garcia Luna¹
 Naomi Alejandra Garcia¹
 Caitlyn Elizabeth Gleicher³
 Berenice Gomez
 Kinley Gomez¹
 Clarissa Mia Gomez-Soto²
 Maritza A. Gonzalez²
 Itzel Margarita Gutierrez²
 Leslie Allyn Gutierrez²
 April Guzman²
 Tara Jean Hall²
 Zak Harbula
 Norma Alejandra Hernandez²
 Natalie Angele Hill
 Camryn Hoffmann³
 Hannah Nicole Hoover²
 Misty Lynn Horton²
 Lauren Hutson
 Isis Yvett Ibarra¹
 Britney N. Irvine
 Stephanie Isaac²
 Hadia Jahan²
 Maria Guadalupe Jimenez Mota²
 Macy Michelle Juarez²
 Brian Kapalko¹
 Tristine Melodie Land³
 Janay Adriana Lara Delgado
 Quetzali Ithzel Leon
 Ana Laura Lopez-Saavedra
 Alyssa Jane Lozano³
 Alexis Rose Lunsford³
 Guadalupe Maldonado Garcia
 Ashley Judith Martinez³
 Cierra Leanne Martinez
 Vanessa Lynn Martinez²
 Crislan Mcfarlin
 Denise Mercedes Medina³
 Maria Magdalena Medina¹
 Elizabeth Stephanie Molina¹
 Tiffany Marie Moore
 Mailee Morales¹
 Faith Cambry Morgan
 Sarah Louise Neely
 Guillermo Nieves Saliano¹
 Allie Katharin Obrien
 Silvana Penuela Hernandez¹
 Andrea Estefania Perez Silverio²
 Vania I. Perez³
 Steven Rayson
 Alexis Nicole Reed³
 Geovani Ibrahim Lee Reneau
 Jazlin Reyes Munoz
 Jennifer A. Rivera²
 Stephanie Renea Rivera¹
 Kathryn Irene Robbins¹
 Eric Rocha³
 Ronnie Jay Rodriguez, Jr.²
 Samantha Filteres Ruben
 Alicia Ruiz¹

¹Summa Cum Laude ²Magna Cum Laude ³Cum Laude ⁴With Honors ⁵With Highest Honors

UNDERGRADUATE CANDIDATES

Alhia Sajid
Citlalli Adrienne Kelly Sánchez³
Ana Karen Sandoval García¹
Lilly Vanessa SanJuan²
Rachel Schneidereit¹
Karen Natalie Serna³
Lidia Serrano¹
Madeline Jo Sexton
Karen Elizabeth Silva²
Tenika K. Simmons²
Nestor Eli Soto¹
Kaila Ann Swanson
Isabella Tafciu³
Haely Hang To¹
Cynthia Elizabeth Toledo
Kylee D'Ann Treider²
Sparrow Noel Turner
Destiny Marie Vasquez³
Perla M. Vasquez³
America Villanueva
Joseph Mark Watt³
Taylor Rachelle Whitehurst
Ashlee Nicole Williams
Jennifer Lynne Williams¹
Christina Marie Wineriter
Clayton John Yarbrough¹
Anthony Julian Zelaya³
Walter Heath Zogg¹



BACHELOR OF SCIENCE

CHEMICAL ENGINEERING

Ricardo Chavez
2nd Degree: Mathematics
Miguel Alejandro Fraga
Christopher Xavier Raygene Kirkendoll
Ivan Martin Ramos

CIVIL ENGINEERING

Maury Isabel Cespedes Sugia
Tanmay Khedekar
Lyttleton Caleb Zion Knights
Kyle John Linares
Matthew Thomas Trammell
2nd Degree: Architecture
Cristian James Vega
Nicholas Alexander WildeStorm

COMPUTER ENGINEERING

Stephanie Yvette Gregory
Bao Quoc Le³
Carson Kever Mires³
Dirk Thomas Thieme²
Jonathan Richard Wakefield³

COMPUTER SCIENCE

Neela Kantan Anand
Seth Austin Dornak
Dmitry Pavlovich Gurnov
Jason Alexander Higginbotham
Garrett Travis Hilliard

CONSTRUCTION ENGINEERING

Akari Elizabeth Kubo³
Jonathan Kane Pruneda

ELECTRICAL ENGINEERING

Ken Nicholas Burrige
Benjamin Lendyl Chisholm
Samuel Fischer Dunham
Joshua Chiemela Ekpo
Litzy Guzman-Lopez³
Makayla Nichole Hunter
Neil Chirayu Kothari
Julians Niels Krumins
Taylor Alexis Moore
Natalie August Owens
Cristian Roel Rivera

ENVIRONMENTAL ENGINEERING

Brennan Renee Riley²

INDUSTRIAL ENGINEERING

Joshua Thomas Kraus
Zacarias Leizaola³
Paola Rodriguez Fernandez
Andreas Volchenkov

MECHANICAL ENGINEERING

Francisco Adrian Aguilera
Alejandro Cardenas Ramirez
Matthew Alexander Carnegie
Carl Langston Cassel³
Ramon Joshua Dira
David Patrick Gould
David Christopher Hammel
Marcos Hernandez
Jayce Dylan Jensen²
Peyton Mitchel Kelly
Reid Stephen Kondra
Zachary Joseph Lee
Leighton Thomas Mitchell³
Nicholas Quintero
Travis Ryan Reiss
Anna Rose Slovak^{1,4}
Nicholas Ryan Villagran
Parker Lawrence White
Michael John Wittkopp
Garrett Avery Wohl^{3,4}



BACHELOR OF ARTS

HONORS SCIENCES AND THE HUMANITIES

Renée Elise Dalton^{1,5}
Thomas M. McGill



BACHELOR OF APPLIED ARTS AND SCIENCES

EARLY CHILDHOOD EDUCATION

Rosaisela Tapia

BACHELOR OF INTERIOR DESIGN

Kaytlynn Lee Nairn³

BACHELOR OF SCIENCE

APPAREL DESIGN AND MANUFACTURING

Callie Yvonne Adams
Hailey Micole Allen
Phong Tien Le
Aledrian Loraine Mitchell³
Flor Angelica Murillo
Mandy Ann Patino²
Hannah Kathryn Trostle^{1,4}

COUNSELING AND ADDICTION RECOVERY SCIENCES

Erin Nicole Clohessy²
Rainne Tomas De Lemos¹
Natalie Nicole Ham³
Stephanie Juarez
Stephanie Denise Palmer¹
Breanna Lee Pettingill³
Isabella Alma Servigon

EARLY CHILD CARE

Allyson May Kohler³
Jennifer Renee Konu²

HUMAN DEVELOPMENT AND FAMILY SCIENCES

Kathryn Elizabeth Barry
Sofia Alejandra Casas
Natalie Lisette Casillas³
Paige Mackenzie DeShano²
Presley Lenea Dugger³
Dulce Maria Gomez
Chloe Alexis Hearn
Oluwafayokemi Oreoluwa Isola-Gbenla
Mackenzie Lee Kenney
Jada Marie Lanier
Zoe Elizabeth Lyons
Lorena Sarai Narro
Alyssa Marie Pagano
Christina Eve Rodriguez
Summer Jasmin Sanchez³
Joseph Sap Mbang Ndom²
Emma Kathleen Slettebo³
Gabrielle Claudine White

HUMAN SCIENCES

Alice Morgan Abraham³
Karina Nichole Almanza
Kaitlyn Ammon
Audrey Karen Anderson¹
Victoria Catherine Anderson
Sarah Camille Athey

UNDERGRADUATE CANDIDATES

Abbigael Paige Baier
Dorie Lee Bankston
Ruth Segen Belayneh²
Mallory Ryan Benivamondez
Abigail Nicole Berger³
Kadie A. Bergmann
Jilleighan Marie Boivin¹
Brianna Nicole Brady
Patrick Bychaza
Kylee Rain Byman
Desirae J'nae Carrasco²
Jasmine Diana Castaneda
Carleigh Jane Clifton
Katherine Grace Clinkscales
Reanna Cruz
Camri A. Dancy
Sophia Marie Daniels³
Nathaniel Todd Davis³
Taylen Dean²
Jayci Elaine Derby
Annie Grace Dewbre
Robbie Jean Downing
Emma Elizabeth Dudley²
Brooke Matteson Dumas³
Payton Ashley Eck²
Haley Marie Efurd²
Gabriela Sarahi Esparza
Kaylen Nicole Estrada
Camila Anita Losoya
Camila Hualde Gabas
Celina Nicole Gonzales
Morgan Lynne Gunther
Sara Ann Harryman
Bria Joy Holmes
Mackenzie Kate Jordan¹
Kristi D. Huguley¹
Diana Oumou Kannan²
Sela Abeba Lema
Dulce Jasmine Lombero
Victoria Macias
Madelyne Marsh³
Madelyn Jaymes Martinez
Chandler Trey Mckay²
Brooklyn Ryleigh Mclemore³
Vanessa Danielle Melendez
Kelsey Rietta Melvin³
Karen Iveth Mendoza
Kayla Dawn Metts³
Sandra Meza
Elexah Nicole Milbauer³
Matthew Eugene Mohr
Elizabeth Monroy-Granados¹
Zoe Danielle Moore³
David Anthony Morales²
Brisa Moreno
Juan Manuel Moreno
Amanda Marie Musil³
Aileen Navarro
Ferdouse John Nazari
Mason Gregory New¹
Liberty Nikole Nickell
Ebubechukwu Glory Nwabuko
Agatha Osolunna Oliobi
Julia Angelina Olivier
Athena Caitlin Pecskovszky
Abigail Jane Phillips
Margaret Emily Pitney
Brittney Ann Restivo

Michael M. Richardson
Makinlee Caroline Rios
Emily Anne Galante³
Cameron Jake Rogers²
Makenzi Ann Ronnau²
Emily Anne Rule
Brianna Rene Saucedo
Lindsey Shaye Schuman
Ellen Sofia Scott¹
Kallee Ella Shelton
Faith Kelle Shuffield³
Garrie Dawn Stroope
Brendan Smith
Trinity Noelle Smith
Mariah Amber Soto
Madison Paige Spry
Amaya Anahi Torres
Mikayla Francis Vicenik
Kelli Marie Walker²
Elizabeth Prais Waugh²
Avery Isabella Winters
Faith Lynn Wittie¹

NUTRITION

Jude Zaid Alfayez
Karizma Angelique White³

PERSONAL FINANCIAL PLANNING

Mercedes Luna

RESTAURANT, HOTEL, AND INSTITUTIONAL MANAGEMENT

Alexandria Edwynna Boerner¹
Kealee Renee Neskork

RETAIL MANAGEMENT

Rodolfo Santos Fischel
Daniel Soffia Alfaro
Maria Daniela Solera
Mackenzie Shea Ward³



TEXAS TECH UNIVERSITY

College of Media
& Communication[®]

BACHELOR OF ARTS

ADVERTISING

Nathan Vaughn Arizaga
Sierra Michelle Black
Taylor Alexander Brock
Preston Taylor Byrnes³
Jehiel Alejandra Castillo
Giselle Gonzalez Trejo
2nd Degree: Marketing
Alexander William Hill
Allie Kaitlyn Mendoza
Anna Faye Myrvold³
Vanessa Mireya Olvera
Ava Pilar
Caden Everett Shawell
Lauren Madison Talkmitt^{2,4}
Abbigale Sheree Tarver
Landry Renyee Thompson
Karlaine Grace Wiley

COMMUNICATION STUDIES

Isaac Arturo Arevalo
Sondra Nicole Beneze
Chandler Joseph Boggs
Jillian Elizabeth Byrne
William Corry Butler
Julissa Crystal Chavez
Alex G. Daniel
Kennadie Maegan Drews
Elizabeth Grace Eason
Jacob Pecos Esparza
Anna Joan Fletcher
Ryan Matthew Gomez
Kailee Elizabeth Haltom
Lauren Elizabeth Hinson^{1,4}
Jacob Sterling Howland
Zayd Ben Jendoubi
Emily Dyck Jones
Katheryne Elizabeth Kahlig³
Kameron Suzanne Keith³
Skyla Brae Kelley
Nathan James Kelly
Cameron Dean Kolanowski
Michelle Leigh Magram
Madelyn Faith Mandry¹
Ashley Nicole Mazarakes
Megan Sarah Morrison
Morgan Racine Ortegon
Michael Paul Payne
James Hunter Ray
Taylor Nicole Roberson
Elijah Ramon Rodriguez
Kaci Nicole Sawyer
Cameron Louis Signorino
Ashleigh Breanne Sinku
Andrew Michael Vallerie
Brynley Rane Wallace
James Braeden Wallace
Joshua L. White
Olivia Anne Wymer

CREATIVE MEDIA INDUSTRIES

Reagan MacKenzie Cooper
Parker Cullen Gainey
Carlos Alexander Gil
Lauren Alexandra Harding
Jaren Rashad Hill
Lilly Yvonne Kiernan
Kaegan R. Mayer
Ryan McCullar
Meagan Elizabeth Mize
Karina Aurelia Montez
Avery Joseph Oswald
Alejandra Salazar
Mariela Solis Legarreta
Zachary Harlan Sorrels¹
Kevin Tenorio
Elizabeth Jean Veatch²
Peyton Scott Wigley
Sierra Ann Winder³

DIGITAL MEDIA AND PROFESSIONAL COMMUNICATION

Madison McKenna Adams²
Gabriella Rae Beltran²
Isabella Rose Castillo
Cecilia Kierra Contreras-Diaz
*2nd Major: Public Relations & Strategic
Communication Management*

¹Summa Cum Laude ²Magna Cum Laude ³Cum Laude ⁴With Honors ⁵With Highest Honors

UNDERGRADUATE CANDIDATES

Marcus Allen Cuellar
Hannah Elizabeth Dillon
Jacob Isaiah Dominguez
Edson Gomez
Kaila Honea
Shelby Lane Honeycutt³
Carli Rae Hopper³
U'rriah Demetrius Caleb Jaushlin
Brooke Ellen Jenkins
Natalie Grace Precht¹
Sarah Rose Ryan
Allyson Rydel¹
Grant M. Soules
Lesley Taylor
Katie Mackenzie Weathers³
Zelyn Zapata

JOURNALISM

Edgar Catano
Alyssa Robyn Miller³

MEDIA STRATEGIES

Chloe Becker
Caleb Alexander Carrillo
Christopher Wade Elam
Madeline Mercer Gesell
Kyle Anthony Kosub
Reed Turner Moore
Connor Scott Moss
Eric Dwan Pollard II
Michael Bennet Smith
Austin Dwain Sneed
Cayman Snyder
Laiven Haley Wells

PUBLIC RELATIONS AND STRATEGIC COMMUNICATION MANAGEMENT

Megan Marie Acebedo
Trevor Cole Brown³
Emma Rose Crowder³
Emma Grace Durham¹
Lauren Paige Edwards²
Marc A. Fisk
Asiel Nagid Gary
Diana Monserath Garza
Clay Lee Grossman
Melissa Nicole Hanna
Kyle Thomas Jessen
Brian Ji
Ava Jezelle Lindsey
Katie Jo Lingo²
Theresa Marie Marzak³
Maggie Elizabeth McBride
Reece Ahmad Moton
Clayton Peter Pappas
Emily Gayle Marie Parnell¹
Carson Anise Riley³
Juan Carlos Segura
Davis J. Smith³
Isaiah Ruben Vela



TEXAS TECH UNIVERSITY
University Studies™

BACHELOR OF ARTS

UNIVERSITY STUDIES

Ariel Davis Abdallah¹
Ashley Grace Aley
Kaelen Joel Allen
Kara Marie Ashworth
Naya Michelle Banda²
Robert Joseph Bierbaum
Bo Jonathan Blessie
Aric Ryan Brooks³
Bonham Leath Burks
Marissa R. Carson
Grant Joseph Chumbley
Donald Earl Cleveland
Matthew Taylor Clinton
Baylor Dean Cupp
Karisa Oralia Davila
Jacob De La Rosa
Caleb Dean
Austin Charles Dodd
Jose Brandon Dorantes
Austin Daniel Elwood²
Andrew Bart Evans
Ryan Tyler Foley
Michael Gregory Ganss
Michael L. Giles
Lucas Tyler Gonzalez
Troy Graff
O'ryin T. Guhrke
Christa Danielle Hammit
Ali Abeid Hamud
Nickolas Mark Hanna
Abigail Lin Harris
Issac Ray Hastings
Jason Scott Hazen
Joshua James Hazlewood
Noey Lee Hernandez
Henry Pascal Howard
Angelica Hope Inglish
John R. Jenkins
Connor Lee Johnson
Jace A. Jung³
Jay Isaiah Kendrick
Grant Lee Little
Miranda Gabrielle Louviere
Jessica Ann May
Kaithon Dennis McDonald
Carl Whitfield Mings²
Victor Oguemwen Osawaru³
Chandler Dean Pearson
Siobhan A. Pitan
Chance Andrew Ragsdale
Corey Matthew Range¹
Philip Ray Robbins
Trevor Marshall Roberson
Delores Sanchez
Jacobly Rondell Shelton
Shade Cordale Spencer²
Jacqueline Jeannine St. Cin
Kenneth Stilwell
Briley Michelle Taylor

Callyn Mackenzie Tincher
Justin Ryan Tremewan
William Champ Turner
Adam L. White

BACHELOR OF SCIENCE

UNIVERSITY STUDIES

Matthew Ryan Mcdaniel
Catherine Renae Ringel
Philip Ray Robbins²
Alexis Russel
Anna Marion Stearman
Lauren Lynn Wear

BACHELOR OF APPLIED ARTS AND SCIENCES

Macaela Rochelle Mihalko¹



TEXAS TECH UNIVERSITY
J.T. & Margaret Talkington
College of Visual & Performing Arts™

BACHELOR OF ARTS

MUSIC

Grace Goodman Hawkes²

THEATRE ARTS

Lyle Roshaud Yates-Bourasa
Irwin Aron Vega

BACHELOR OF FINE ARTS

ART

Kaylee Brianne Paulger²
Victoria Isabelle Thompson

THEATRE ARTS

Abigail Caroline Boyce
Olivia Naomi Carlin²
Aldayr A. Molina
Hunter Joseph Wilson
Chloe Gabrielle Scott

BACHELOR OF MUSIC

Austin Joseph Perry²
Duane Earl Threatt, Jr.

TEXAS TECH TRADITIONS

Who's Sitting on a Horse? (And Why Is He Red?)

Will Rogers was one of the most famous entertainers in America in the 1920s and '30s, and his longtime friend, Amon Carter, was Texas Tech's first chairman of the Board of Directors. Rogers donated \$200 for the Texas Tech band to play at the football game against TCU in 1926 because he wanted people "to hear a real band." Then the cowboy humorist donated \$1,500 to buy band uniforms for the trip to Fort Worth. A few years after Rogers perished in a plane crash, Carter presented the statue of Rogers and his horse, Soapsuds, to Texas Tech. Sculpted by 18-year-old Electra Waggoner Biggs, the statue is one of four in the nation. Before every home game, the Saddle Tramps wrap "Old Will" with red crepe paper. The statue also has been wrapped in black to mourn national tragedies.



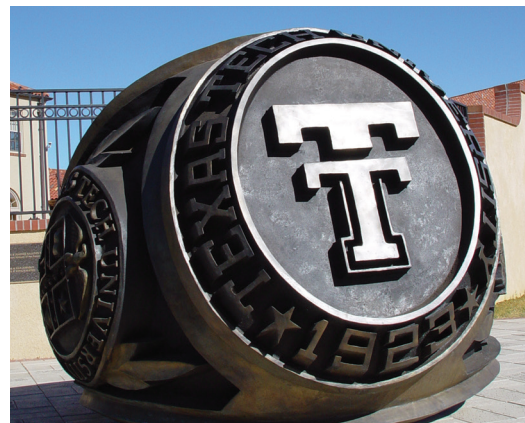
Raider Red or the Masked Rider?

Not every university wants a horse in its stadium, so Texas Tech had to find an alternate mascot prior to the 1971 football season. That was the year the school's athletic conference passed a rule that prevented taking live animals to non-home games. That also was the year Raider Red was born from the imagination of cartoonist Dirk West. Raider Red changes from boots to soft-soled shoes for basketball games, and his student persona is kept a secret as he mingles with the crowds.



The Texas Tech Class Ring

As a constant reminder of their academic achievements and the traditions of Texas Tech University, students proudly wear the official Texas Tech class ring. This bronze sculpture of the official class ring sits next to the Merket Alumni Center. Traditionally the rings are worn with the university name facing inward when the students' hands are extended. After the degree is granted on graduation day, the ring can be turned around so that the name faces outward, a symbol that the new alumnus has a Texas Tech diploma and is ready to face the world. (www.TexasTechRing.org)



COLLEGE BANNERS

The banners displayed at Texas Tech University commencement ceremonies are patterned on military, political, and trade guild insignia that date back to the Middle Ages and beyond. Known as gonfalons, they most closely resemble the flags created by Italian city states before and during the Renaissance. The Texas Tech University flags were individually designed to display symbols and colors that represent the areas of interest of each unit.

The **Faculty Banner** displays the university colors, red with black, and features the university seal encircled by the words “Seal of Texas Tech University.” The seal was designed by William



Ward Watkin, the original campus master planner, in 1924. The shield is a black escutcheon quartered by a red cross, on which are arrayed 10 cotton bolls, symbolic of the importance of cotton to West Texas and representing

Lubbock County and the nine surrounding cotton-producing counties. These symbols also reflect one of the original missions of Texas Technological College: “To provide students with a thorough education in textiles and technical engineering.” The shield features emblems that evoke the university, community, state and nation. In the upper-left quadrant, a book symbolizes religion and academic traditions. A star in the upper-right corner stands for the Lone Star State of Texas. In the lower left a key represents home, and in the lower right the lamp of knowledge indicates the primary mission of Texas Tech University: “To develop and advance knowledge.” Above the shield, an eagle, the national bird of the United States, spreads its wings. Mindful of the claims of all these constituencies, the faculty of the university create, transmit, and preserve knowledge.

The **Davis College of Agricultural Sciences & Natural Resources** is proud to be unveiling a new banner design in

honor of the generous gift of Gordon W. Davis and Texas Tech’s centennial year. The background of the banner is



black, accented with scarlet chevrons and the Double T, representing Texas Tech University. The banner is bordered by maize, the intercollegiate color for the agricultural disciplines.

The placement of the maize indicates the foundational nature of our college as one of the four founding schools of Texas Tech. In the center of the banner is a globe flanked by stalks of wheat reflecting the global scope of modern agriculture and natural resources management. The new banner was designed by Maeley Herring and Tristin Campbell.

The Huckabee College of Architecture at Texas Tech University



originated as the Department of Architectural Engineering within the College of Engineering in 1927. In 1968, this department became the College of Architecture and moved into its current building on campus. In November

2022, the College of Architecture was renamed Huckabee College of Architecture and a new banner was created. The banner now reflects the new college name, the Double T logo, and a classic black and red theme. The banner was designed by the TTU Office of Communications & Marketing.

The blue background color of the



College of Education banner reflects the light blue color designated for education by the Intercollegiate Code and is also seen in the velvet border of education master’s and doctoral hoods and

doctoral gowns. The upper area of the banner carries a school building encircled by the words “College of Education” and “Scholarship, Leadership, Service” to represent the primary roles of the college as a unit dedicated to preparing teachers and furthering educational scholarship, leadership, and service. The Double T logo appears at the bottom of the banner.

The Jerry S. Rawls College of Business Administration



through a collaborative effort of the staff in the college’s Undergraduate Services Center. The background color of the banner is drab. The central image on the banner is a map of the world centered on Lubbock with the Texas Tech University

Double T symbol rising from a focal point in the South Plains. The banner symbolizes the impact of globalization in the modern business environment.

The **College of Arts & Sciences** banner was redesigned in 2014 by Randy Lacy, unit coordinator in the college. Crafted



with classical typography and bold lines, the banner replaces the previous college seal with the famous Double T logo. The red and black colors appropriately represent the largest and most diverse college in the university.

The **Graduate School** banner is blue.

Imposed on this background is a white circle within a light blue one. These



circles contain the image of a golden open book and a burning lamp. The open book symbolizes knowledge and the lamp represents a light by which to study. The banner was designed by the late Associate Dean

Thomas Langford and Ms. Beth Cain, who was a Graduate School staff member and artist for many years.

The banner of the **Edward E. Whitacre, Jr. College of Engineering** features the seal of the college set on a field of orange, the academic color for engineering.



The seal of the college, inspired by a 2009 design by chemical engineering student Unwana Essien, is encircled with a border of red, white, and black, symbolizing the spirit of Texas Tech University and the Red

Raiders. The two stars represent the ethical duty of engineers to themselves and society. The four symbols in the center of the seal stand for the foundations of engineering:

- The light bulb, surrounded by a ribbon and questions, represents the inspiration of engineers to answer questions and solve problems.
- The square and globe represent the engineer's work as building blocks for the world.
- The hammer and screwdriver represent the practical application of the engineer's work.
- The atomic figure surrounding the beaker represents the confluence of math, science, and technology in the mind of the engineer.

The **Honors College** banner features a sky blue field onto which is placed a silhouette of one of the Administration Building bell towers in dark blue. Superimposed on the silhouette is the Honors College emblem in gold: an open book that transforms into a bird taking flight. This symbol represents how learning stimulates human creativity.



At the bottom of the banner are the words in gold: "University Honors College."

The **College of Human Sciences** banner was redesigned in 2016 and adapted



from an original design by former faculty member Dr. Ben Goh. The design depicts an adult, an adolescent, and a child. The diversity of faces and ages represents the families and communities served by the college

in its mission to improve and enhance human lives through teaching, research, and outreach. The image of the globe represents the goal of not only serving the lives of those in the local community but also connecting with the global community.

The **College of Media & Communication** banner illustrates waves of information emanating from a single point—



one voice heard by many. The banner is white with a crimson background framing waves of information reaching the public. Crimson is the color assigned by the Intercollegiate Code to

journalism, the common core subject area of the college. The white field represents honesty, decency, and purity. Beneath the crimson is the name of the college.

The banner for **University Studies** exhibits the colors of Texas Tech with a red background trimmed in black. The focus of the banner is the silhouette of the Administration Building's bell tower, which is an iconic symbol of Texas Tech. Just as the university is comprised of many parts, University Programs integrates multiple programs from colleges across the university. The traditional Double T placed in a window of



the tower signifies the future that awaits students who complete these programs in preparation for successful careers.

The **J.T. & Margaret Talkington College of Visual & Performing Arts** banner is designed to represent the three schools



that make up the college. The abstract design inspires intellectual skill, artistic ability, and creative thinking, representing the students emerging from the college. Subtle shapes hint at lines in reading music, sound waves for theatre and dance, and

line and shape to include the arts. Chloe Walser, an artist, graphic designer, and graduate from the School of Art, designed the banner for her commencement ceremony in May 2022.

The symbols on the **Texas Tech University Libraries'** banner reinforce the idea that the Library is the center of knowledge on campus. As such, it is the guardian and giver of knowledge and information. The key in the foreground



of the banner symbolizes the Libraries' role as guardian and safe keeper of all ideas. In the not too distant past, knowledge was considered sacred or something that was best kept locked away, thus the symbolism

of the key. The flames symbolize the Libraries' other and equally important role as the giver of knowledge, providing access to wisdom. For centuries, the use of fire was believed to be man's first step on the path to civilization; one characteristic of fire is its ability to spread, which represents the Library's role as purveyor of knowledge. The colors of the flames symbolize the three broad branches of knowledge; scarlet for humanities, gold for sciences, and the purple flame for social sciences.

ACADEMIC DRESS AND PROCESSION



MASTER'S ROBE: Velvet facing around the neck corresponds to color representing the field of study; hood lining represents the colors of the institution that conferred the degree.



DOCTORAL ROBE: Velvet facing on front of robe and three bars on sleeve correspond to color representing the field of study; hood lining represents the colors of the institution that conferred the degree.

Wearing academic dress at commencement ceremonies dates from the early history of the oldest universities created during the twelfth and thirteenth centuries. Because educated people were almost always of the clergy, the black gown is an adaptation of the “cope,” a long mantle or cloak of silk or other cloth worn by church dignitaries in processions and on other occasions. The long gown and cowl (similar to the academic hood of today) were worn by priests and monks for warmth in the cold medieval buildings.

In the early centuries, a great diversity of color and style of cap, gown, and hood appeared in different universities of Europe. The European custom of wearing academic dress was later introduced at American colleges. Not until after 1895 was a uniform academic code of dress adopted by most U.S. colleges and universities. Today, the black robe, hood, and cap are worn at most institutions of higher learning. Some institutions have authorized doctoral gowns in colors other than the customary black.

The gowns used in American academic ceremonies vary according to the highest degree awarded to the wearer. Usually the bachelor's robe has long pointed sleeves and the master's has oblong sleeves, square at the end with a slit at the elbow. The doctoral gown is a more elaborate robe faced down the front with velvet and across the bell-shaped sleeves with three bars of velvet. The velvet facing and bars may be of the color distinctive to the field of study.

The doctoral hood has side panels and is slightly longer than the one worn for the master's degree. The color used in the velvet border of the hood indicates the field of study. The velvet border is widest on the doctor's hood, and the colors of the lining indicate the college or university that conferred the degree.

For example, those who have received advanced degrees from Texas Tech University wear hoods lined with red and black.

The Oxford—the so-called mortarboard—is black and has a long tassel fastened to the center. The tassel is usually worn with the pendant over the left front of the cap. Different colored tassels are often worn on the bachelor's and master's caps to indicate the type of degree. The tassel on the cap of the doctoral candidate, except for professional degrees, is either gold or black. The doctoral degree holders may also wear the velvet tam with a gold tassel.

Candidates for the undergraduate degree will wear the tassel on the right side of the cap at commencement. After the degrees have been conferred, baccalaureate degree recipients will turn the tassel to the left side of the cap, thus showing that they are now graduates. Those graduates who have the official Texas Tech Alumni Association class ring are invited to turn their rings at this time.

Candidates wearing red cords have earned the Latin designations of cum laude, magna cum laude or summa cum laude based on a minimum 3.5 cumulative grade point average. Candidates wearing kite-shaped medallions are Honors College graduates earning a minimum of 24 hours of Honors coursework. Medallions with red ribbons indicate a notation of “With Honors” (non-thesis) and gold ribbons indicating a notation of “With Highest Honors” (thesis).

Phi Beta Kappa students may wear their membership key as well as the society's dark blue honor stole and/or pink and blue honor cords. Members of Phi Kappa Phi, Mortar Board, and other honor societies may likewise display their societies' medallions and honor cords. Texas Tech University has five university-wide honoraries: Golden Key, Mortar Board, Omicron Delta Kappa, Phi Beta Kappa, and Phi Kappa Phi.

COLORS REPRESENTING FIELDS OF STUDY

The following is a list of colors established by the Intercollegiate Code representing departments of learning and fields of study:

Maize | Agriculture
Blue-Violet | Architecture
White | Arts, Letters and Humanities
Drab | Business Administration
Lilac | Dentistry
Copper | Economics
Light Blue | Education
Orange | Engineering
Brown | Fine Arts
Russet | Forestry
Maroon | Human Sciences
Crimson | Journalism
Purple | Law
Lemon | Library Science
Green | Medicine
Pink | Music
Apricot | Nursing
Silver Gray | Oratory (Speech)
Olive Green | Pharmacy
Dark Blue | Philosophy
Sage Green | Physical Education
Peacock Blue | Public Administration
Salmon Pink | Public Health
Gold-Yellow | Science
Citron | Social Work
Scarlet | Theology or Divinity
Gray | Veterinary Science

HONOR CORDS / MEDALLION

The following is a list of honor cords/medallions issued by colleges.

Agricultural Sciences & Natural Resources | Green
Architecture | White and Gold
Arts & Sciences | Royal Blue
Business Administration | Royal Blue and Gold
Education | Jade Green and Violet
Engineering | Orange
Honors | Honors Medallion
Human Sciences | Maroon
Media & Communication | Crimson
University Programs | Red
Visual & Performing Arts | Brown
Wind Energy | Blue and Green



UNDERGRADUATE ROBE: A red stole displaying the Double T and seal of Texas Tech University distinguishes students receiving baccalaureate degrees. Degree candidates wearing red cords will graduate with honors designations based on a minimum 3.5 GPA.

TEXAS TECH COMMENCEMENT ANNOUNCEMENTS

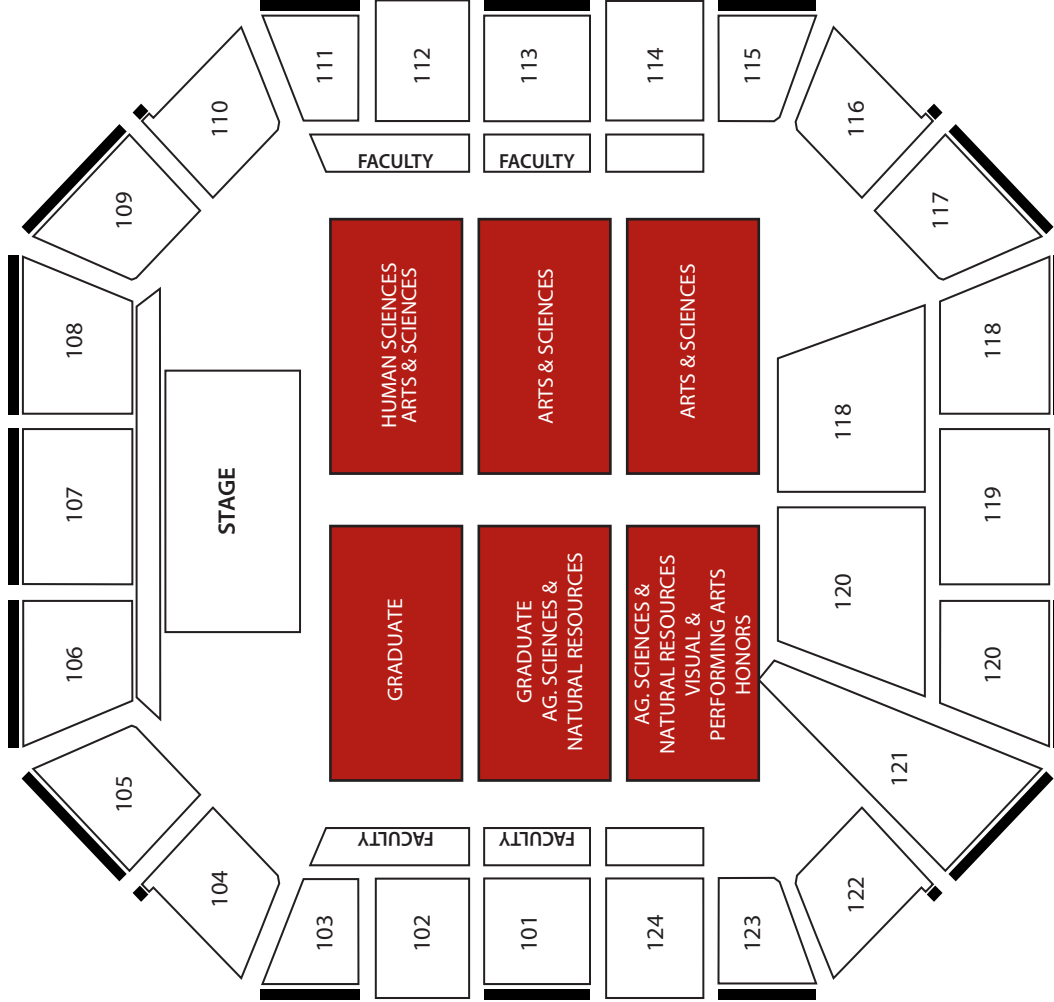
GRADUATE PHOTOGRAPHS

A professional photographer will be taking photos of graduates as they receive their diplomas. You may view and order photos online at www.candidcolorphotography.com. Click on "view proofs" and then "graduations." Images will be posted within 48 hours of the ceremony. Photographers also will be available after the ceremony for photos of friends and family with the graduates. Photographers will be located outside the arena near the north parking lot. There is no charge or obligation for having these photos taken.

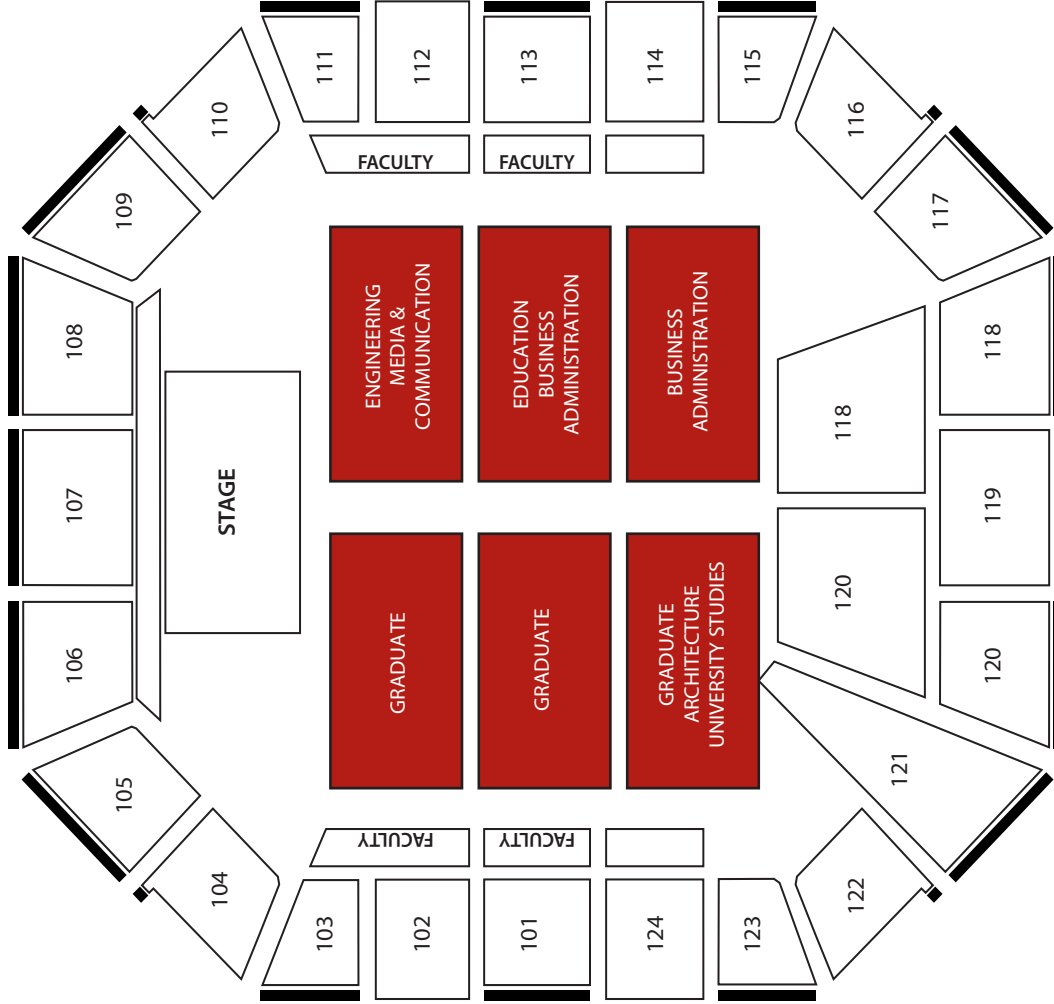
COMMENCEMENT DVD

The Texas Tech Alumni Association encourages graduates to order a Texas Tech Commencement DVD to commemorate their achievement. The \$45 purchase also will include a one-year Texas Tech Alumni Association gift membership. This membership will help graduates stay connected to Texas Tech. To reserve a copy of today's ceremony, complete and mail an order form located at one of the tables in each corner of the concourse. Do not leave the forms on the tables. Please mail them to the address on the form. To learn more about the Alumni Association, visit www.TexasTechAlumni.org or call 806.742.3641.

SATURDAY, AUGUST 5, 9:00 a.m.



SATURDAY, AUGUST 5, 1:30 p.m.





Fight, Matadors, for Tech!
Songs of love we'll sing to thee,
Bear our banners far and wide.
Ever to be our pride,
Fearless champions ever be.
Stand on heights of victory.
Strive for honor evermore.
Long live the Matadors!