COMMENCEMENT FALL 2016

Friday, December 16, 2016
3:00 p.m. and 7:00 p.m.

Saturday, December 17, 2016
9:00 a.m. and 1:30 p.m.

UNITED SUPERMARKETS ARENA
LUBBOCK, TEXAS
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.
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. As the only campus in Texas that is home to a major university, law school, and medical school, 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 36,000 students enrolled in its 11 colleges: Agricultural Sciences and Natural Resources, Architecture, Arts and Sciences, Jerry S. Rawls College of Business, Education, Edward E. Whitacre Jr. College of Engineering, Honors College, Human Sciences, Media and Communication, J.T. and Margaret Talkington College of Visual and Performing Arts, and the Graduate School, as well as University Programs via the Provost’s Office. The institution’s goal is to enroll 40,000 students by 2020.

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—which includes Texas Tech University, Angelo State University, Texas Tech University Health Sciences Center, and Texas Tech University Health Sciences Center at El Paso—has more than 44,000 students enrolled.
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 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.

Not all graduates will achieve fame and fortune in equal measure, but 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

Friday, December 16, 2016
3:00 p.m.

Presiding
Dr. Lawrence Schovanec
President, Texas Tech University

Processional*
Texas Tech Commencement Band
Dr. Sarah McKoin, Conductor

National Anthem
Ms. Aimee Michelle Foster
Graduating with a Bachelor of Music

Welcoming Remarks
Mr. Tim Lancaster
Board of Regents, Texas Tech University System

Chancellor’s Remarks
Mr. Robert Duncan
Chancellor, Texas Tech University System

Introduction of Commencement Speaker
Dr. Lawrence Schovanec

Commencement Address
Mr. John T. Montford, J.D.
President and CEO, JTM Consulting, LLC
First Chancellor, Texas Tech University System

Presentation of Doctor of Humanities, Honoris Causa to Mr. C. Carey Hobbs
Dr. Lawrence Schovanec

Conferring of Degrees
Dr. Lawrence Schovanec
Dr. Michael Galyean
Interim Provost and Senior Vice President

Presentation of Bachelor’s Degree Candidates
Dr. W. Brent Lindquist
Dean, College of Arts and Sciences

Recognition of Outstanding Students
Class of 2016
Dr. Michael Galyean

Charge to the Graduates
Dr. Lawrence Schovanec

Alma Mater
(Words on Back Cover)
Ms. Aimee Michelle Foster

Recessional*
Texas Tech Commencement Band

* Please remain seated during the Processional and Recessional
# Commencement Ceremony

## Friday, December 16, 2016

**7:00 p.m.**

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<tr>
<td>Processional*</td>
<td>Texas Tech Commencement Band&lt;br&gt; Dr. Sarah McKoin, Conductor</td>
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<td>National Anthem</td>
<td>Ms. Michaela Celeste Hardin&lt;br&gt; <em>Graduating with a Bachelor of Music</em></td>
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<td>Welcoming Remarks</td>
<td>Mr. John Esparza&lt;br&gt; <em>Board of Regents, Texas Tech University System</em></td>
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<td>Chancellor's Remarks</td>
<td>Mr. Robert Duncan&lt;br&gt; <em>Chancellor, Texas Tech University System</em></td>
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<td>Introduction of Commencement Speaker</td>
<td>Dr. Lawrence Schovanec</td>
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<td>Commencement Address</td>
<td>Dr. John T. Montford, J.D.&lt;br&gt; *President and CEO, JTM Consulting, LLC&lt;br&gt; <em>First Chancellor, Texas Tech University System</em></td>
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<tr>
<td>Conferring of Degrees</td>
<td>Dr. Lawrence Schovanec&lt;br&gt; Dr. Michael Galyean&lt;br&gt; <em>Interim Provost and Senior Vice President</em></td>
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<td>Presentation of Doctoral and Master's Degree Candidates</td>
<td>Dr. Mark A. Sheridan&lt;br&gt; <em>Vice Provost for Graduate and Postdoctoral Affairs; Dean, Graduate School</em></td>
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<td>Recognition of Outstanding Students Class of 2016</td>
<td>Dr. Michael L. Galyean</td>
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<tr>
<td>Charge to the Graduates</td>
<td>Dr. Lawrence Schovanec</td>
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<tr>
<td>Alma Mater&lt;br&gt; <em>(Words on Back Cover)</em></td>
<td>Ms. Michaela Celeste Hardin</td>
</tr>
<tr>
<td>Recessional*</td>
<td>Texas Tech Commencement Band</td>
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COMMENCEMENT CEREMONY

Saturday, December 17, 2016
9:00 a.m.

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Processional*
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Ms. Michaela Celeste Hardin
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Introduction of Commencement Speaker
Dr. Lawrence Schovanec

Commencement Address
Mr. John T. Montford, J.D.
President and CEO, JTM Consulting, LLC
First Chancellor, Texas Tech University System

Conferring of Degrees
Dr. Lawrence Schovanec

Presentation of Bachelor’s Degree Candidates
Dr. Al Sacco, Jr.
Dean, Edward E. Whitacre Jr. College of Engineering
Dr. Noel Zahler
Dean, J.T. and Margaret Talkington College of Visual and Performing Arts
Dr. Linda C. Hoover
Dean, College of Human Sciences
Mr. Jim Williamson
Dean, College of Architecture
Dr. Scott Ridley
Dean, College of Education

Recognition of Outstanding Students
Class of 2016
Dr. Michael Galyean

Charge to the Graduates
Dr. Lawrence Schovanec

Alma Mater
(Words on Back Cover)
Ms. Aimee Michelle Foster
Graduating with a Bachelor of Music

Recessional*
Texas Tech Commencement Band

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# Commencement Ceremony

**Saturday, December 17, 2016**
**1:30 p.m.**

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| Presiding                                  | Dr. Lawrence Schovanec  
*President, Texas Tech University*                                                          |
| Processional*                              | Texas Tech Commencement Band  
*Dr. Sarah McKoin, Conductor*                                                                 |
| National Anthem                            | Ms. Roxanne Gabrielle Martinez  
*Graduating with a Bachelor of Music*                                                           |
| Welcoming Remarks                          | Mrs. Debbie Montford, Vice Chairwoman  
*Board of Regents, Texas Tech University System*                                                |
| Chancellor’s Remarks                       | Mr. Robert Duncan  
*Chancellor, Texas Tech University System*                                                      |
| Introduction of Commencement Speaker       | Dr. Lawrence Schovanec                                                                      |
| Commencement Address                       | Mr. John T. Montford, J.D.  
*President and CEO, JTM Consulting, LLC*  
*First Chancellor, Texas Tech University System*                                                 |
| Conferring of Degrees                      | Dr. Lawrence Schovanec  
*Interim Provost and Senior Vice President*                                                      |
| Presentation of Bachelor’s Degree Candidates| Dr. Paul R. Goebel  
*Interim Dean, Jerry S. Rawls College of Business*                                                |
|                                           | Dr. David Perlmutter  
*Dean, College of Media and Communication*                                                       |
|                                           | Dr. Steve Fraze  
*Interim Dean, College of Agricultural Sciences and Natural Resources*                         |
|                                           | Dr. Michael San Francisco  
*Dean, Honors College*                                                                           |
|                                           | Dr. Juan S. Muñoz  
*(presenting University Studies and Wind Energy degrees)*  
*Senior Vice President for Institutional Diversity, Equity, and Community Engagement; Vice Provost for Undergraduate Education and Student Affairs, Professor of Curriculum and Instruction*|
| Recognition of Outstanding Students        | Dr. Michael L. Galyean                                                                       |
| Class of 2016                              |                                                                                               |
| Charge to the Graduates                    | Dr. Lawrence Schovanec                                                                        |
| Alma Mater                                 | Ms. Roxanne Gabrielle Martinez                                                                |
| *(Words on Back Cover)*                    |                                                                                               |
| Recessional*                               | Texas Tech Commencement Band                                                                  |

*Please remain seated during the Processional and Recessional*
John Montford is president & CEO of JTM Consulting, LLC. Prior to establishing his own consulting firm, he served as senior advisor for global public policy for General Motors Company from January 1, 2010 to January 2012. At GM, he was responsible for GM public policy for federal, state, and international, as well as the GM Foundation. He was a member of the GM Executive Committee from January 1, 2010 to May 1, 2011.

Prior to joining GM, Montford served as the senior vice president of state legislative affairs for AT&T. Following the 2005 merger of SBC and AT&T, he served as president of the Western Region for AT&T, responsible for 23 states west of the Mississippi. From 2002 to 2005, he was president of external affairs for Southwestern Bell. He joined SBC, now AT&T, in September 2001.

Montford was the 2005 chairman of the Greater San Antonio Chamber of Commerce, a catalyst for economic development in San Antonio with more than 2,000 members. From 2007 through 2010, Montford was president of the board of the National Western Art Foundation, for which he personally secured the lead gift to create the Dolph and Janey Briscoe National Western Art Museum in San Antonio. He was also chair of the advisory committee for the Texas Parks and Wildlife Department. He served as chairman of the development board of the University of Texas Health Science Center at San Antonio. He has also served as an independent director of Southwest Airlines since 2002, and as a member of the board of directors of Atlantic Aviation from 2012 to 2016. While at GM he also served as chairman of the GM Foundation Board.

Before joining SBC, Montford was Texas Tech University’s first chancellor, the chief executive officer of the university system. In 2001, he was named Chancellor Emeritus of the Texas Tech University System.

Montford served as a member of the Texas Senate for 14 years. During his tenure in the Senate he served as chairman of the senate finance committee and chairman of the senate state affairs committee. Texas Monthly named Senator Montford among the “Top 10 Best Legislators” for five legislative sessions.

Montford was an active duty officer in the United States Marine Corps from 1968 to 1971. After his military service, he served as an elected district attorney. He received his bachelor’s degree in political science and a juris doctor degree from The University of Texas at Austin.

He and his wife, Debbie, are the proud parents of three children and five grandchildren.
INTERNATIONAL FLAGS

From earliest times flags have served as symbols of ideals, aspirations, and loyalties, representing in modern times the national states and involving sentiments of pride and patriotism. Every flag has its own tale of national meaning to its symbols and colors.

Students from every state in the nation have attended Texas Tech, and the fall 2016 enrollment includes international students from 111 countries. It is with pride that the university displays flags from around the world to represent the many countries that comprise the Texas Tech student body.
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

**Graduate School Ceremony**

7:00 P.M., DECEMBER 16 .......................... DAVID C. IVEY, PH.D.
Professor of Marriage and Family Therapy
College of Human Sciences

**Undergraduate Ceremonies**

3:00 P.M., DECEMBER 16 .......................... ELEANOR THERESA VON ENDE, PH.D.
Associate Professor of Economics
College of Arts and Sciences

9:00 A.M., DECEMBER 17 .......................... SHU WANG, PH.D.
Assistant Professor of Nutritional Sciences
College of Human Sciences

1:30 P.M., DECEMBER 17 .......................... ERIC E. RASMUSSEN, PH.D.
Assistant Professor of Public Relations
College of Media and Communication

GRADUATION HONORS

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

- Ashley Lynn Allen
- Amanda LaRue Calvert
- Noelle Alexandra Cavalier
- Bobby Mark Clift
- Stephan Alexander French
- Laura Isabel Gonzales
- Devin Nicole Gunstream
- Madison Marie Herman
- Amanda Marie Huerta
- Jenna Marie Jennigan
- Alex Chase Johnston
- Cody Tyler Karp
- Ashley Varqa Maveddat
- Chamonix Estelle Mejia
- Roberta Jo Morales
- Phi Thanh Nguyen
- Thomas Taylor O’Hair
- Danielle Alyse Roberts
- Caitlin McKenzie Scorgie
- Sydney Michelle Squires
- Stephanie Olivia Taylor
- Alexandra Maria Trevino
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

#### HIGHER EDUCATION

**Gerard Paul Achenbach (In absentia)**
*Dissertation*: Barriers that Impact the Academic Success of Military Veterans Enrolled at Federally Regulated Maritime Academies: A Collective Case Study Analysis
*Major Professor*: Fred Hartmeister

**Tia L. Agan**
*Dissertation*: Educator Preparation Practitioner Perceptions of Cultivating Adjunct Field Supervisors in the Four-Year University
*Major Professor*: Dimitra Jackson Smith

**Matthew Anthony Dempsey**
*Dissertation*: Assessing the Effect of Peer Tutoring in STEM Gatekeeper Courses with Respect to Gender and Ethnicity
*Major Professor*: Dimitra Jackson Smith

**Dakota Jamal Doman**
*Dissertation*: A Phenomenological Study on Historically Black Colleges’ and Universities’ African American Male Presidents Using Student Affairs as a Career Pathway
*Major Professor*: Dave Louis

**Kimshi Latrice Hickman**
*Dissertation*: The Effects of Peer-Led Team Learning on Pass Rates, Academic Performance, and Retention of Under-Represented Minority Students in STEM Courses
*Major Professor*: Dave Louis

**Julie Covert Murphy**
*Dissertation*: A Case Study Inquiry of Female Undergraduate Engineering Student Experiences with Collegiate Mentoring
*Major Professor*: Dimitra Jackson Smith

**Stacy Lyn Pfluger**
*Dissertation*: Rural-serving Community College Faculty Perceptions of the Leadership Skills Necessary for Effective Midlevel Academic Leaders
*Major Professor*: Stephanie J. Jones

**Tomikia Lasha Pickett (In absentia)**
*Dissertation*: Effects of Organization Culture and Climate on Career Aspirations and Advancement: A Collective Case Study Analysis of the Experiences and Perceptions of Women of Color in Midlevel Student Affairs
*Major Professor*: Stephanie J. Jones

**Aaron Richard Reed**
*Dissertation*: Exploring the Perceptions of Current Computer Science Students and Student Affairs Professionals on the Factors Influencing Student Retention and Attrition
*Major Professor*: Dave Louis

**Joel Hernandez Robles**
*Dissertation*: Student-veteran Perceptions of and Experiences with Veteran-specific Support Programs and Services in a Texas Community College
*Major Professors*: Dimitra Jackson Smith and Stephanie J. Jones

**John Arthur Turner**
*Dissertation*: Critical Incident of Campus Violence: Community College Students’ Experiences and Perceptions of Its Effect on Academic Success
*Major Professor*: Stephanie J. Jones

**Mindy Rae Watson**
*Dissertation*: The Relationship of Course Scheduling on Community College Student Pass Rates, Persistence Rates, and Retention Rates
*Major Professor*: Stephanie J. Jones

### DOCTOR OF MUSICAL ARTS

#### MUSIC

**Yuway Chan**
*Dissertation*: The Relationship between Graduate Pianists’ Achievement Goal Orientation and Practice Behaviors
*Major Professor*: Carla D. Cash

**Daniel Aaron Coakwell (In absentia)**
*Dissertation*: The Young Singer’s Guide to J.S. Bach’s Evangelist Role: A Trans-generational Perspective with Acclaimed Conductors Helmut Rilling, Masaaki Suzuki, and Craig Hella Johnson
*Major Professor*: Karl Dent

**Ali Montazerighahjaverestani**
*Dissertation*: Naqney-e Sahar (The Melody of Dawn): A Piece for Solo Violin, Woodwinds, Percussions and Strings
*Major Professor*: Mei-Fang Lin

**Fagner Magrinelli Rocha**
*Dissertation*: An Analysis of Violin Sound Spectra with Different Shoulder Rests
*Major Professor*: Anne Chalex Boyle

### DOCTOR OF PHILOSOPHY

#### AGRICULTURAL COMMUNICATIONS AND EDUCATION

**Missi Miquela Currier**
*Dissertation*: Examination of Factors that Influence Student and Supervisor Perceptions of Congressional Internship Success
*Major Professor*: David Doerfler

#### ANIMAL SCIENCE

**Cameron Reid Nightingale**
*Dissertation*: Inflammatory Status and Leukocyte Function During the Peripartum Period and Subsequent Effects on Reproduction and Lactational Performance in Dairy Cattle
*Major Professor*: Michael Ballou
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<td>Michael Ballou</td>
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<td><strong>Eshan Gurung</strong></td>
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<td><strong>Md Mizanur Rahman</strong></td>
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<td>Masha Rahnama</td>
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EDUCATIONAL PSYCHOLOGY
Rong Chang
Dissertation: Toward a Better Measure: Integrating Noncognitive Constructs Using Action-control Theory
Major Professor: Todd Little

ELECTRICAL ENGINEERING
Scott Wayne Clark
Dissertation: Design of Universal Insulation Systems for Low Voltage and High Voltage Rotating Electrical Apparatus
Major Professor: Michael Giesselmann

Shelby Lynn Lacouture
Dissertation: Advanced Characterization of SiC Power Devices Before and After Electrothermal Stress
Major Professor: Stephen Bayne

Guofeng Ren (In absentia)
Dissertation: Nanostructured Carbon and its Composites with Transition Metal Oxide for Electrochemical Energy Storage
Major Professor: Zhaoyang Fan

Christopher N. Turner
Dissertation: Training a New Instrument to Measure Cotton Fiber Maturity Using Transfer Learning
Major Professor: Hamed Sari-Sarraf

ENGLISH
Megan Lenai Hansen
Major Professor: Bruce Clarke

ENVIRONMENTAL TOXICOLOGY
Meghan Marie Cromie
Dissertation: Chemotherapeutic Properties of Epigallocateching-3-Gallate in Lung Carcinogenesis
Major Professor: Weimin Gao

Nicholas Dunham
Dissertation: Field and Laboratory Studies on Eyeworms (Oxyspirura petrowi) and their Impact on the Northern Bobwhite (Colinus virginianus)
Major Professor: Ronald Kendall

Jordan William Hunter
Dissertation: Assessment of Surrogate Biomarkers for Ophthalmic Disease in Colinus virginianus Infected by Oxyspirura petrowi
Major Professor: Steve Presley

Evelyn Gabriela Reategui Zirena
Dissertation: Effects of Diet Quality on Cadmium Toxicity and Bioenergetics in the Great Pond Snail, Lymnaea stagnalis
Major Professor: Todd Anderson

FAMILY AND CONSUMER SCIENCES
EDUCATION
Jay T. Killough
Dissertation: Confidence in Career Decision-making upon First Destination Employment Post Graduation: A Study of Texas Tech University Seniors and Graduate Students
Major Professor: Karen Alexander

FINE ARTS
Laurie Ann Colgrove Williams
Dissertation: A Comparative Study of Teaching Behaviors of Band and Orchestra Directors in Ensemble Rehearsals
Major Professor: Keith Dye

Aurelia Gregory Rocha
Dissertation: Insights to El Sistema Practices at the Music Learning Center of San Antonio, Texas
Major Professor: Michael Stoune

Elissa Rae Strom
Dissertation: Prescribing, Inscribing, and Negotiating Gilded Age Musical Femininity
Major Professor: Christopher J. Smith

HIGHER EDUCATION—HIGHER EDUCATION RESEARCH
John Paul Garcia
Dissertation: Depression and Anxiety Symptoms and Their Association with Academic Performance, Persistence, and Graduation Beliefs in First-generation College Students
Major Professor: Valerie Paton

Ashley Marie Gonzales
Dissertation: Parental Influence and Relationship among First-generation College Students Attending Community College
Major Professor: Valerie Paton

Clint Dee Havins
Dissertation: Community Service and Postsecondary Student Completion Rates: A Quantitative Analysis
Major Professor: Valerie Paton

HISTORY
Ming-Syuhan Jhong
Dissertation: Operation Babylift: Bringing Cold War Orientalism Home
Major Professor: Randy McBee

HOSPITALITY ADMINISTRATION
Ali Abdulhadi Alalmai
Dissertation: The Examination of Factors Influencing Students toward Choosing Hospitality as a Major: The Case of Undergraduate Hospitality Students
Major Professor: Shane Blum

Donna Jean Fickes (In absentia)
Dissertation: Education Innovation: Creating a Mindful Learning Environment in the Online, Experiential, and Culinary Classroom
Major Professors: Shane Blum and Sheila Scott-HaSELL

Jeffrey Sean Harper
Dissertation: Extrinsinc and Intrinsic Motivations and Their Impact on Student Participation in a Study Abroad Experience
Major Professor: Tim Dodd

Ran Li
Dissertation: Electronic Word-of-mouth and Destination Image: Influences on US Residents’ Travel Intention to Beijing, China
Major Professor: Jessica Yuan

HUMAN DEVELOPMENT AND FAMILY STUDIES
Rachel Dan Fang
Dissertation: Understanding Social Decision Making in Married Couples Playing the Ultimatum Game
Major Professor: Michael O’Boyle

Satadbi Samtani
Dissertation: The Impact of Maternal Health and Involvement on Children’s Well Being: A Latent Growth Model
Major Professors: Miriam Muslow and Alan Reifman

Anuradha Sastry
Dissertation: Infants’ Responses to Differential Treatment by Mother: Documenting Jealousy in Infants in India
Major Professor: Sybil Hart

Shu Yuan
Dissertation: Co-parenting, Marital Quality, and Children’s Adjustment in Mainland China
Major Professor: Dana Weiser

INDUSTRIAL ENGINEERING
Katharina Renken
Major Professors: Mario Beruvides and Andrea Jackman

Kai-Oliver Zander
Dissertation: Methods for Job Allocation in a Multi Machine Additive Manufacturing Environment
Major Professor: Milton Smith

INTERIOR ENVIRONMENTAL DESIGN
Negin Houshiarian
Dissertation: Healthcare Planning Parameters Affecting Efficiency in Emergency Departments
Major Professor: D. Pari
GRADUATE CANDIDATES

MARRIAGE AND FAMILY THERAPY
Heather Austin-Robillard
Dissertation: Negotiating Motherhood for Women in Recovery from an Eating Disorder
Major Professor: Sterling Shumway

Timothy Glenn Parker
Dissertation: Raising a Child with Down Syndrome: A Dyadic Analysis of Resiliency, Coping, and Relational Adjustment
Major Professor: Nicole Springer

MASS COMMUNICATIONS
Priyanka Khandelwal
Dissertation: Adoption, Use and Identity Construction in YikYak
Major Professor: Robert Peaslee

MATHEMATICS
Wenzhen Fan
Dissertation: Control System Splines on the Manifold of Lines in R2
Major Professor: Alex Wang

Bo Li
Dissertation: Simultaneous Inference Based on Rank Regression in Biomedical Data Analysis
Major Professor: Hossein Mansouri

MECHANICAL ENGINEERING
Lili Liu (In absentia)
Dissertation: Size and Shape-controlled Synthesis of Inorganic Nanomaterials
Major Professor: Jharna Chaudhuri

Kelsey Ann Meeks
Dissertation: Particle Dispersion and Connectivity in Energetic Thin Films
Major Professor: Michelle Pantoya

Xueda Shi
Dissertation: Mechanism of Non-Newtonian Flow around a Confined Cylinder, Array of Cylinders and Its Role on Oil Displacement
Major Professor: Gordon Christopher

Siheng Su
Dissertation: Graphene-based Nanomaterials for Brain Cancer Therapy
Major Professor: Jinging Qiu

PETROLEUM ENGINEERING
Raed Abdulrahman M. Alouhali
Dissertation: Temperature, Mineralogy, and Fluid Effect on Unconventional Formation Properties
Major Professor: Mohamed Soliman

Ahmed Moustafa Abdelrahman Alzahabi
Dissertation: Optimization of Hydraulic Fracture Design and Sequencing in Unconventional Formations
Major Professor: Mohamed Soliman

Xingbang Meng
Dissertation: Investigation of Enhanced Condensate Recovery Potential in Shale Gas Condensate Reservoir by Cyclic Gas Injection
Major Professor: James Sheng

Fahd Siddiqui
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Major Professor: Mohamed Soliman

Yang Yu
Dissertation: Experimental Study of Enhanced Liquid Oil Recovery from Shale Reservoirs by Gas Injection
Major Professor: James Sheng

PHYSICS
Darshan Bhadresh Desai
Dissertation: Novel Techniques of Optical Detection and Observation of Periodic Crystals
Major Professor: Luis Grave-de-Peralta

James Anthony Faulkner
Dissertation: A Search for WWγ and WZγ Triboson Production and Anomalous Quartic Gauge Couplings at √s = 8 and 13 TeV within the Compact Muon Solenoid
Major Professor: Sung-Won Lee

Xingbang Meng
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Yang Yu
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Major Professor: James Sheng

PLANT AND SOIL SCIENCE
Travis Olen Conley
Dissertation: Paleo-environmental Landscape Evolution of the Eastern Caprock Escarpment of the Southern High Plains
Major Professors: Eileen Johnson and David Weindorf

Deepika Mishra
Dissertation: Improvement of Cotton Fiber Quality with Chemical Mutagenesis
Major Professor: Dick Auld

SPANISH
John Edmund Baron
Dissertation: Restoring Memory in Recent Novels and Films from Argentina
Major Professor: John Beusterien

TECHNICAL COMMUNICATION AND RHETORIC
Jeannie Griffin Bennett
Dissertation: An Unhealthy Drama: A Burkean Analysis of Mental Illness Rhetoric
Major Professor: Amy Koerber

Joy Taylor McMurrin
Dissertation: Negotiating the Supermarket: A Critical Approach to Nutrition Literacy among Low-income Consumers
Major Professors: Sam Dragga and Amy Koerber

Danielle Marie Saad
Dissertation: The Other Muslimah: Online Counter Narratives of Muslim Women in Alternate Web Spaces
Major Professor: Sean Zdenek

WILDLIFE, AQUATIC, AND WILDLANDS SCIENCE AND MANAGEMENT
Nicole Tatman Quintana
Dissertation: Predator-prey Relationships between Rocky Mountain Elk and Black Bears in Northern New Mexico
Major Professor: Mark Wallace

Wondmagegne Daniel Whibesillasie
Dissertation: African Civets in Ethiopia: Husbandry Practices, Peoples’ Perceptions and Knowledge, and Damage Analysis
Major Professor: Gad Perry

ZOOGEOGRAPHY
Juan Pablo Carrera Estupiñán
Dissertation: Diversity, Zoogeography, and Community Ecology of Bats in the Ecuadorian Andes
Major Professors: Robert Bradley and Carleton Phillips

MASTER OF AGRIBUSINESS
Jordan Lee Busher
Tate Ellis Horwood
Reina Mistene Lewis
Grayson John Russell

MASTER OF ARCHITECTURE
Marvin David Bonilla
Christopher Joseph Brennan
Ethan James Fleshman
Kyle Anthony Flusche
Adam Jose Gutierrez
Justin Anthony Leal
Jeffrey Ryan McAdory
Aldo Gerardo Morales, Jr.
Clifton Wayne Petty
Eduardo Ponce
Christina Nicole Purcella
Emerson Rodriguez (In absentia)
JuanRaymon Rubio
| Master of Arts | Art History | Shauna Michelle Leslie Garland  
Spencer Taylor Mitchell  
**Thesis:** Visual Communications of Power: The Iconography of the Classic Maya Naranjo-Sáal Polity |
|---|---|---|
| Communication Studies | | Shelby Loryn Cearley  
Kay Leigh Shannon  
Berenice Urista |
| Counseling Psychology | Mandrila Das *(In absentia)*  
Victoria Anna Henderson *(In absentia)* |
| Economics | Antonia Gkergki *(In absentia)* |
| English | Chrysta A. Carson  
**Thesis:** The Black Bodies of Eve: Transformative Embodiment in Nalo Hopkinson’s *Midnight Robber* and B. Catling’s *The Vorrh*  
Traci Margaret Gillen  
Nidhi Kaith  
Joshua David Osbourn |
| Experimental Psychology | Trevor Jennings McIntyre *(In absentia)* |

| History | Omero Lara  
Emalee Joy Nelson  
**Thesis:** Cubans in Professional Baseball: The Game-changing Ties between Color, Gender and Acceptance in the United States |
|---|---|
| Interdisciplinary Studies | Victoria Ann Alvarez  
Darina Petrova Brackeen  
Aaron Christopher Mckenzie  
Daniel Felipe Mendoza  
Elisa Rene Taylor  
Tracy D. Tindle  
Kiana Wright |
| Languages and Cultures | Saad Abdulaziz Alamri  
Effah Yahya Morad |
| Mass Communications | Holly Brie Bearden  
Kaitlyn Nicole Beckert  
Mary Holly Cram  
Mallory Brooke Cross  
Austin Michael Davidson  
**Thesis:** Alone in a Crowded Room: An Assessment of Crowd Noise as an Auditory Structural Feature in Music Recordings  
Dylan Stafford Echols  
Krystyna Quinn Harper  
Georgia Ann Kapusta  
Alicia Rose Keene  
Natalie Ann Kendrick  
Enrique L. Luna  
Nicole Elise Molter  
Reagan Elizabeth Moore  
Katelynn Ashley Newman  
Lauren Nicole West  
Gerald Wayne White II |

| Master of Business Administration | General Business | Thais Watson Ahlstrand  
Sean Ryan August  
Casey Jacqueline Baker  
Jeffrey James Barrington  
Ian Andrew Barry  
Mandy M. Blevins  
Shannon Lee Boddie  
Kryl Lane Boedeker  
Kyle Andres Brito *(In absentia)*  
Stephen Rush Broderson  
Hayden James Brown *(In absentia)*  
Brooke Nicole Bruinington  
Shane Livingston Bryant  
Elizabeth Anne Buckner  
Lisa Jean Clark  
Alexander Buckley Compton  
Stephen C. Cross  
Stephanie Elaine Deleon  
Dalton Wade DeWinne  
Michael H. Diaz  
Alissa Willson Downing  
Connor Rush DuBose |

| Political Science | | Madison Victoria Hood *(In absentia)*  
Maria Seredina |

| Psychology | McKenzie Jo Cordell  
Sarah Jo David  
**Thesis:** Network Analysis Approach to Intra-individual Dynamic Symptom Structure of an Individual with Obsessive-Compulsive Disorder  
Andrew James Marshall  
**Thesis:** Mind or Body: An Investigation of the Comparative Efficacy of Brief Mindfulness-based and Applied Relaxation Techniques for the Treatment of Anxiety |

| Romance Languages | Hector Noriega  
Emeline Charlotte Teteuvide  
**Thesis:** L’infuence Britannique Sur les codes et les modes de Consommation Moderne du Champagne |

| Strategic Communication and Innovation | | Emily Ann Keller  
Anthony Dean Killa  
Madison Brook Tatum  
Claudia Mariana Tristán |

| Technical Communication | | Mallory Jade Mooney *(In absentia)*  
Margaret Reen Waldron *(In absentia)* |

| Master of Business Administration | | Thais Watson Ahlstrand  
Sean Ryan August  
Casey Jacqueline Baker  
Jeffrey James Barrington  
Ian Andrew Barry  
Mandy M. Blevins  
Shannon Lee Boddie  
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Dalton Wade DeWinne  
Michael H. Diaz  
Alissa Willson Downing  
Connor Rush DuBose |
GRADUATE CANDIDATES

MASTER OF EDUCATION

COUNSELOR EDUCATION
Michelle Elaine Byrd
Margarita Martinez Gamboa
Nehemiah R. Gutierrez
Sally Jo Jackson
Marley Morris
Dianna Payan
Matthew W. Spikes (In absentia)
La’Ryon Deon Witherspoon

CURRICULUM AND INSTRUCTION
Ebtehal Hussain Alhashem
Thesis: Parental Involvement in Preschool Education

EDUCATIONAL LEADERSHIP
Melissa Kay Fletcher
Jessica Haleigh Kern
Lyndsay Thomas Lucas
Adrianna Billalba Lujan
Lynsey Marie Pinkerton
Marina Matilde Rodriguez
Frank Shepherd
Joseph Robert Sledge (In absentia)

EDUCATIONAL PSYCHOLOGY
Laura Alejandra Martinez
Rosario Moreno
Casey Michael Williams

HIGHER EDUCATION
Aaron Michael Chavarria
Thesis: Understanding How Dual-credit Course Participation Shapes Students’ Perceived Social Preparation for College and Post-college Plans
Nhung Thi Tuyet Pham
Thesis: Adequacy in Faculty Standards of U.S. Regional Accreditation Commissions

INSTRUCTIONAL TECHNOLOGY
Megan Nicole Gallenstein
Jessica Guerra
Matthew William Jones (In absentia)
Ashley Marie Prothro
Carol Marie Wilson (In absentia)

SPECIAL EDUCATION
James Matthew Baker
Jordan Nicole Bragg
Michelle Louise Chica
Ashley A. Davis
Jennifer Lynn Durik-Resnick
Kit Elizabeth Empson
Gloria Alicia Garza
Veronica Garza
Christina Geigenmiller
Kelli McCabe Geise
Alicia Yathay Gomez Pizarro
Kelly Renae Grace
Tawnia Yvette Groll

MASTER OF ENGINEERING

Shivam Sisodia

MASTER OF ENVIRONMENTAL ENGINEERING
Garret Douglas Bland
Anastasia Nicole Fox
Bethany Leigh Schomin
Paul Vincent Swope

MASTER OF FINE ARTS

ART
Victoria Marie Bee
Ashley Marie Busby
Kristen Lea Swartz

THEATRE ARTS
Travis Michael Clark

MASTER OF LANDSCAPE ARCHITECTURE
Aura Marina Dominguez
Jinxing Wei

MASTER OF MUSIC
Samuel James Bigott
William Linthicum-Blackhorse
Thesis: La Nuna de Julia, Cinco Canciones de Cuna
Hannah Frances Macgillivray
Ann Marie Nichols (In absentia)
Jordan Kent Siebrecht
Brooke Elizabeth Trapp
GRADUATE CANDIDATES

MASTER OF MUSIC EDUCATION
Nachel Charis Konemann
*Thesis: A Descriptive Study of Gender Bias of Images in Method Books for Beginner Band*

MASTER OF PUBLIC ADMINISTRATION
Robert William Berleth
Paul Gordon Busacca
Juliana Marin Melo
Eri Nicole Rea

MASTER OF SCIENCE
AGRICULTURAL AND APPLIED ECONOMICS
Deborah Hoff Clarke *In absentia*
Omar De Jesus Cortez *In absentia*
*Thesis: The Gears of Investment in Education: An Econometric Analysis on How Growth, Economic, and Education Indicators Impact Public Education Expenditure in Developed and Developing Economies*
Kouamian Hinin Badr Moussa Kouassi
Bredoumy *In absentia*
Marilu Varela

AGRICULTURAL COMMUNICATIONS
Ashley Hope Hancock

AGRICULTURAL EDUCATION
Juan M. Cantu, Jr.
Cassie Joyce Godwin
*Thesis: A Case Study of the Texas Alliance for Water Conservation's Communication Efforts*

ANIMAL SCIENCE
Katherine Gulick
*Thesis: Investigations into Bovine Cardiopulmonary Physiology and Disease*

ARCHITECTURE
Ahmed Khairadeen Ali
*Thesis: Informative Urbanism: a Method of Cross Networking City Data from Spatial Locations to Their Actual Systematic Networking*
Merlyn Thomas Samuel
*Thesis: An Exploration of Stereotomic Form-finding Strategies Utilizing 3D Printing and Robotic Hot Wire Cutting*

APPLIED PHYSICS
Eman Mohammed A. Bu Ali
*Thesis: Thermal imaging and Infrared Scene Projector Based on VO2 Films and Scanning Mirrors*
Alexandra Vladimirova Gordienko
*Thesis: Growing Anatase and Rutile Titania on c-cut Sapphire using Pulsed-Laser Deposition*
Premitha Wijayinie Pansalawatte
*Thesis: Photo-Electrical Studies of VO2 Thin Films*

ATMOSPHERIC SCIENCE
Samantha Marie Berkseth *In absentia*
*Thesis: Quantitative Analysis of the Turbulent Structure of Convection*

BIOENGINEERING
Carla B. Shelton *In absentia*

BIOLOGY
Somrita Basu *In absentia*
Christopher Dale Dunn
*Thesis: Genetic Diversity and the Origin of Contemporary Eastern Elk (Cervus canadensis) Populations in Texas*
Sarah Frances Mangum
*Thesis: Exploration of Evolutionary Relationships and LINE-1 Retrotransposition Accumulation/Activity within Sciruids*
Ezinne Adabaram Osuji
*Thesis: Pattern of Microbial Degradation of Estrone and Triclosan Mixture and Its Effect on Soil Bacterial Community*

BIOTECHNOLOGY
Udahawatte Gedara Shasika Harshani Jayaratne
Nethanji Sandarajika Kumarapathiranalage
*Thesis: Using RNA-Seq to Understand Mechanisms of Water-deficit Stress Acclimation in Peanut Leaf*

BUSINESS ADMINISTRATION
Abu Naser Fayeed Ahmed
Casey Jacqueline Baker
Kyle Andres Brito *In absentia*
Brooke Nicole Brungton
Zhe Chen *In absentia*
Ryan Michael Gregory
Nathan Edward Hamblin
Matthew Daniel Kampf
Jonathan A. Lowe
Bianca Zuriel Salas
Darya White

CHEMISTRY
Megan Elizabeth Gonzalez
*Thesis: A Quantum Dynamical Study of the Rotation of the Dihydrogen Ligand in the Fe(H)2(H2) (PdPh2)3 Coordination Complex*
Mahesh Thakurathi
*Thesis: The Stokes-Einstein Equation and the Diffusion of Ferrocene in Room Temperature Ionic Liquids (RTILs) Studied by Cyclic Voltammetry*

COMPUTER SCIENCE
Md Raihan Majumder
Irene Maria Lalitha
Sebastian Nino-Penalosa
Manasa Shivarudra
Vibha Viswanatha Indusheer

DATA SCIENCE
Saurabh Dhoble
Walter Gutierrez Rodriguez

ENVIRONMENTAL DESIGN
Ibtihaj Saad R Alsdun

ENVIRONMENTAL TOXICOLOGY
Jacob Ryan Carrick *In absentia*
*Thesis: Optimizing Use of Toxicity Test Data: Censored Data in Species Sensitivity Distributions and Temporal Data in Mixture Studies*
Neha Anil Sawant

FOOD SCIENCE
Brenda Sofia Inestroza Herrera
*Thesis: Reduction of Salmonella Embedded in Lymph Nodes During Grinding Using Lactic Acid and Peracetic Acid Treatments on Beef Trim, Combined with Acidified Sodium Chlorite*

FORENSIC SCIENCE
Brittany Nicole Koon
*Thesis: Annotation of Transposable Elements in Phormia regina and its Application to Forensic Science*
Michael Igor Radford
*Thesis: Fingerprint Visualization on Condoms*

GEOGRAPHY
Sarah Elizabeth Johnson *In absentia*
*Thesis: Vegetation Textures of Dunes in Arid and Semi-Arid Regions*
Ashley Elizabeth Morris
*Thesis: An Investigation of Social Vulnerability and Storm Resource Availability for Tornado Hazards in Lubbock, Texas*

GEOSCIENCES
Hepeng Tian *In absentia*
*Thesis: Using Hornblende Geochemistry to Unravel the Emplacement of Magmatic Structures, Tuolumne Intrusive Complex, California*

HORTICULTURE SCIENCE
John Harnsworth Kerlin V

MASTER OF MUSIC EDUCATION
Ahmed Khairadeen Ali
Katherine Gulick
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HORTICULTURE SCIENCE
John Harnsworth Kerlin V
GRADUATE CANDIDATES

HOSPITALITY AND RETAIL MANAGEMENT
Ahmed Abdulaziz A. Alshaha
Magboul Muslehi D. Althubiti

THESIS: The Effect of Cultural Background on Perceived Service Quality and Guest's Satisfaction for Hotel Guests among Muslim Pilgrims

Victoria Grace Elam
Marinda Katherine Wilson
Rachel DeAnn Young

HUMAN DEVELOPMENT AND FAMILY STUDIES
Alivia Joanne Depaulo
Chinagorom Akwaugo Duru (In absentia)

THESIS: Effects of Exposure to Donated and Non-Donated Breast Milk on Preterm Infants' Weight Gain

Taylor Suzanne Flowers
Melissa Nicole Gray

INTERDISCIPLINARY STUDIES
David Christian Brenner
Jeremy Du Wayne Cortez
Rebecca G. Gerhardt
Sreehari Inukollu
Blessy John Keralavakkayil
Zachary Lin Kittley (In absentia)

Marshall Jacob Thornhill (In absentia)

KINESIOLOGY
Kelci Marie Bethke
Ryan Neil De Franco
Matthew Allen Hamm
Jazmyn Whitney Lamar-Bruce
Lauren Ann Watson

MATHEMATICS
Sara Calandrini (In absentia)
Giacomo Capodaglio (In absentia)
Shih-Yu Lee

THESIS: Adaptive Mesh Refinement for Multigrid Solver

Jayaweera Arachchige don Miuran Dencil
William Todd Henry Titch

NUTRITIONAL SCIENCES
Regan Lenea Anthony
Brianna Noel Bush
Elizabeth Anne Castelli
Lea Dee Flaming
Vanessa Melinda Garcia
Samantha Brooke Greenberg
Ashley Nicole Knuf
Kimberly Nicole Lewis
Emily A. Lipinsky
KaelleeAnn Michelle McNeel
Bong Thi Nguyen

THESIS: Nutrition Education Intervention to Increase Nutrition Knowledge and Healthy Food Choices among Fourth and Fifth-graders in East Lubbock, Texas: A Promised Neighborhood Project

Jordan Haley Robison
Connally Rebecca Rushing
Ashley Butchee Wilmeth

PERSONAL FINANCIAL PLANNING
Nicholas Tyson Bowman
B. Steele Campbell (In absentia)
Abel Jayson Cantu
Wesley Jeff Chan
Christopher Ryan Chapa
Shujun Chen
Beverly Deloris Johnson
Shu-Wei Ma
Isaac Daniel Rodd
Jose Daniel Rodriguez, Jr.
Nicole R. Smith
Heather A. Sweat
Joseph Frederick Voellm

Jennifer Louise Wilson

PHYSICS
Shaima Ali Anzani

THESIS: Dual-space Microscopy

Wedad Kayad Alenazy

THESIS: Super-resolution Imaging of Photonic Crystals Using the Dual-space Microscopy Technique

Jigesh Rameshchandra Patel (In absentia)

PLANT AND SOIL SCIENCE
Jennifer Colette Chagoya (In absentia)

THESIS: Physiological Screening and Marker-Assisted Selection for Drought Tolerance in Peanut

Jonathan Lee Shockey

THESIS: Harvest-aid Efficiency in Guar (Cyamopsis tetragonoloba (L.) Taub.) in the Texas Plains

SPORT MANAGEMENT
JaCoren Kevon Duffield
Angelica Esther Garcia
Bridgeett Lynn Jenkins
Blane Franklin Kitten (In absentia)

Lauren Ann Watson

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Gregory Christopher P encountered or unseen) (In absentia)

THESIS: Status of Mesocarnivores in the Last Area Known to be Occupied by Swift Foxes, Vulpes velox, in Texas

Daniel Thomas Raleigh

THESIS: Sandhill Crane (Antigone canadensis) Overwintering Resource Use and Selection in West Texas Using GIS and Remote Sensing

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Esther Borrego
Alannah Caye Brown
Jennifer Marie Bruskas
Noe Carbajal
Catalina Cardona
Valerie Carrasco
Katherine Anne Cassidy
Norma Itzamara Cavazos
Brianne Ashley Cooke
Jasmin Correa
Norma Angelica Davila
Kaitlynn Elise Dyson
Ashley Jackson Flores
Sarah Olivia Fulton

Sandra Krystina Garcia
Linda Ann Godfrey
Diana Gonzalez
Jasmine Stephanie Gonzalez
George Edward Hardeman
Dominique Hernandez
Blake Jordan Jackson
James R. Lanning
Daniela Victoria Larios
Kelsy Buckley
Cayla Shae Randolph
Jennifer Joy Richardson
Alexa Rachell Riley
Jessica Mayte Rodriguez
Molly Ann Sanders
Suzanne Elizabeth Seidenberg
Audrey nicole Smith
Marie Renee Suda
Stephanie Olivia Taylor
Monica Annette Torres
Angelica Treviño
Jessica Lauren Webb
Priscilla Jeanette Zavala

Xiangyu Lu
Catherine Helen Lundberg
Matthew Lee Maher
Michelle Lynn Makovy
Nicholas Andrew Marrero
Tucker Oliver Martin
Westin Gregory McCowen
Stephen Anthony Mendoza
Matthew Dalton Menn
Marco A. Meraz
Jeremy Richard Meyer
Nelly Nicoletta Mihexan Ekonde
Samer Ramadar Mohammad
William Garrett Moore
Nicholas H. Nelson
Isaiah E Perez
Daniel Lujan Ramos
Michael Scott Rauschuber
Ricardo Rendon Bernt
Zachary Lynn Roach
Jaehn Elizabeth Roberts
Jacob Shane Thompson
Fernando Torres
Julia Eve Torres
Brent William Vaile
Jeremy Josef Williamson
Jacob Ryan Woytek
Jacob Samuel Wyatt

COMPUTER ENGINEERING

David Andre Blackwell
Jesus M. Constancio
Zachary Scott Fleener
Mariah Michelle Jenkins
Jason Daniel Mamed
Alexander Jeremy Narvais
Mark C. Tower

COMPUTER SCIENCE

Pujan Ban
Justin Alan Bubel
Carl Dewayne Carter
David Deering
Taylor Edward Ellett
James M. Ewings
Claire P. Gray
Joshua Andrew Hernandez
Indri Niuriske Himawan
Frank Anya Ibern
Zovin Khanmohammed
Zachary N. Livingston
Justin Michael Lowe
Daniel Medina Sada
Mark H. Nissen
Brennan Taylor Settles
Abhishek Shah
Yevgeniy Shevekhman

CONSTRUCTION ENGINEERING

Jeffery Allen Boone Jr.
Grayson Travis Daniel
Baron Walker DeJernett
Miranda Kate Dominguez Morgan
Jason Llewellyn Lewis
Xavier Dytanion Madison II
Gilbert Edward McBrien II
Jeffers North Rader
Keegan Alexander Schack

TXTX TECH UNIVERSITY
College of Education
ELECTRICAL ENGINEERING
Taslim Rahman Anupom
Benjamin Sterling Cliff
Bobby Mark Cliff1
Thomas G. Conklin1
Francis Dennis
Tony Dat Diep
Alex Marie Fey1
Mason Alexander Gartman3
Fawaz Ahamed Iqbal1
Matthew Kim
Brandon Lee Martinez3
Miguel A. Mendez
Tri Thien Nguyen
Andres Oyono Abeso Bikie
Stephen Craig Pierce1,4
Donovan Allen Porter3
Ricardo Isaac Rodriguez-Molina
Andrew Patrick Rollins3
Cory Dean Ross
Drake Colton Saenger
Bryan T. Sam
Daniel Mitchell Soltesz
Joshua D. Wilk
Nicholas Andrew Wilson1

ENVIRONMENTAL ENGINEERING
Garret Douglas Bland
Anastasia Nicole Fox2
Bethany Leigh Schomin2
Paul Vincent Swope

INDUSTRIAL ENGINEERING
Muhana Abdullah M Alsalaithi
Abdullah Fathi Alwosaibi
Haley Elizabeth Brown
Haley Elise Giamfortone
Brenda Ivette Gonzalez Hernandez
Suliman Ahmed Omed Hawawi
Alejandro Herrera
Brent Kyle Johnson
Mitchell Dean Kennedy
Casey McCool Lewis
Daniel Menghistea
Omar Ramadar Mohamed2
Thomas Taylor O’Hair1
Pedro Leandro Pereyrav
Alex Leiver Pirolil
Kevin Ryan Reddell
Misael Rojas
Andrew John Schobelock1,4
Stephen Theodore Singleton
Alexander Logan Skoczlas
Parker Gil Swanson1
Cristine Vazquez
Dustin Allen Wilso
Yanshan Yang

MECHANICAL ENGINEERING
Blake Forrest Babcock
Sebastian Andres Bahamonde
Florin Balaban
Clint Calhoun Balch
Justin Banman
Lance Daniel Bell
Michael Don Blanchette
Austin Gregor Board
Casey James Bronson
Liam Christopher Brudzosi
Keary Clay Burris
Loudon Lee Campbell V
Spencer Keith Case2
Bernardo Anaya Cervantes
Margaret Elizabeth Clegg1,4
Carly Elena Cuevas-Lingnau
Joseph Blunt Cumbest
Edwin Alvin Erbacher III
Wesley Lee Fisher
Austin J. Florence
Craig Ryan Fryer
Kyle Mitchell Hansard1
Son Thien Hoang1
Jeremy Michael Holt
Carlton Wayne Jackson
Alex Chase Johnston1
Jin Jung
Dwayne Jared Klassen1
Collin Blake Lafferty
Justin Ryan Lingnau
Timoteo Luerra III
Matthew Francis Maale
Stephen P. Mangum1
Jose Rene Martinez
Samuel Andrew Mata
Megan Nicole Matthews
Jonathan Taylor McCalla
Matthew Jared McCarty
Seth Thomas McMcllan
Brandon Lee Miller
Kelsea Kay Miller
Matthew Karson Moffett
Benjamin C. Moore
Tony J. Navarez
Sylvain Wesley Nawessi Sokeng
Eugene Nduwamungu1
Zachery Lee Neely
Abdinasir Ismail Nur
Gabrielle Louise Ohlemeier
Emmanuel William A. Ondo Methogo
Christian Jonathan Palacios
Blake Vincent Peterson
Hannah Marie Plotz
Gustavo Jose Ramirez Parada
Benjamin Robert Raulston
John Christopher Reel
Collin Joel Rhyme
Justin Taylor Rickman
Valente Joel Rodriguez2
Stephanie Geraldine Ruiz
Ashley Anne San Miguel
Patrick Allen Scott
Luke Stephens Self
Andrew Neil Shannon
Robert Brian Sibley
Joshua Alan Silver
Alexander Robert Simmons
Robert Sterling Simpson1
Muhammad Afrinal Solichin
Andrew Paul Sullivan1
Michael Andrew Sweeney
Deborah Sharmy Thangam
Johannes Tarmo Martti Vaananen1
Christopher Ceasar Valenzuela
Andre Edgardo Vides1
Brandon David Wallace
Renita Kathleen Walzel
Preston Leslie Weaver
Landon Luke Whetzel

Joseph Maverick White
Colton Thomas Wilkins
Tomi Zaini
Georgia Marie Zarate

PETROLEUM ENGINEERING
Aziz Abdulmalik
Kevin Arthur Carpenter1
Charles Luke Lemkowitz
Kelton William Powell1
Shivani Rajiv Vyas

BACHELOR OF ARTS
Sydney Michelle Squires5

BACHELOR OF INTERIOR DESIGN
Daniela Macias2

BACHELOR OF SCIENCE
APPEAR DESIGN AND MANUFACTURING
Daniel Patrick Ely
Alicia Denise McDonald3

COMMUNITY, FAMILY, AND ADDICTION SCIENCES
Ashley Nicole Alva
Luis J. Anaya1
Andrew William Bartlik2
Sarah Abigail Barton
Kara Nicole Bradford
Lillie Mae Louanna Butler
Charles Douglas Everett
Patricia Anna Garza
Krystyn Shaelee Hucks1
Hannah Grace Meharg1
Alicia Nicole Rosas1

EARLY CHILDHOOD
Laura Balderas
Chloe Elizabeth Barden
Courtney Meghan Campbell
Susana P. Carillo1
Cassidy Danae Carter3
Caitlyn Elizabeth Carter
Blaine Mesehae Croxton-Fitzgerald
Lacie Alexandreia Farmer
Tanna Rhannan Harvill
UNDERGRADUATE CANDIDATES

FAMILY AND CONSUMER SCIENCES
Aubrie Jo Robison

HUMAN DEVELOPMENT AND FAMILY STUDIES
Hannah Bernadette Aguayo
Lyndzie Kay Allbright
Madalyn Rae Carroll
Mallory Caitlin Cassaday
Alyssa Brianna Clawson
Alexandra Ann Cruz
Cailie Jo Cunningham
Emily Caroline Curtis
Claire Elizabeth Eggleston
Regan Diane Franklin
Kimberly Ann Gambrell
Aubry Nicole Garza
Tess George
Gabrielle Veronica Hebert
Leticia DeAnn Hernandez
Tabitha Lee Rendon Hernandez
Payton Laine Hurst
Jaylee Gail Inlow
Omolola Adenike Isola
Sara Nicole Kane
Amber Christina Luna
Katharyn J. Lunos
Alby Mathew
Victoria Kathryn Melton
Chelsea Renee Meyers
Caitlin Nicole Mills
Sharence Ta'Hira Moore
Nancy Garcia Morales
Maggy Jayne Mulholland
Celia Flora Muniz
Taryn Amanda Christine Muzzo
Loreen Kelsey Nava
Bailey Katherine Peterson
Michelle Amber Portillo
Karlie Claire Scott
Christina Gina Solitro
Haylie Lindsey Torres
Jami Nicole Trevathan
Tyler Azalea Turner
Kaylee Noel Uribe
Kimberly Venegas
Heather Marie Villarreal
Kandace Nicole Walter
Ashlee Denae Ward
Katelyn Rebecca Willingham
Claire Breeshae Yocom

HUMAN SCIENCES
Narah Sofia Alcoreza
Mir Hussain Ali
Faatatala Apsiala Atoe
Jeanette Erica Barena
Stephanie Ann Bettiol
Dan Neftal Dioses
Leah Nicole Easterwood
Ryan Thomas Eubank
Katrina Melinda Flores

NUTRITIONAL SCIENCES AND DIETETICS
Kaitlyn Elizabeth White
Franchesca Teresa Valforte

RESTAURANT, HOTEL, AND INSTITUTIONAL MANAGEMENT
Gregory Phillip Almaguer
Zachary Dale Ancell
Sarah Jane Bible
Nicole Rene Buchanan
Ashley Denae Carter
Aaron Orlando Castillo
Ashley Dawn Coats
Elizabeth Nicole Cook
Stefani Chandler Cox
Jacob James Hambrick
Samantha Lee Hutchison
Christopher Andrew Jimenez
Lizbeth Marie Johnson
Vanessa Kuenzle
John Charles Maaszkant
Katrina Dawn Revelle McClelland
Sara Paulina McLean
Chandler James Mikeska
Gregory Stephen Michael Mitchell
Elliott Ross O’conn
Jacqueline Paige O’connell
Serena Rose Pinter
Austin Randa
Alan Otis Reed
Danielle Lauren Reedy
Cooper Phillip Rettela
Maribel Salinas
Christopher David Sharp
Trevor Ryan Smith
Caroline Michelle Steger
Lauren Shy Tippett
Travis Scott Toman
Clayton John Tompkins
Christina Lynne Varela
Kerlyn Julissa Verde
Madeline Rose Walker
Casey LeeAnn Witherspoon

PERSONAL FINANCIAL PLANNING
Kaylyn Nicole Adams
Julian Drake Elzondo
Marvin Blake Heflin
Hayden Guy Hill
Jason James Hoffman
Christopher Michael Hunt

Drey Anthony Kalkstein
Brandon Kenneth Keesee
Michael Dominic LaRubbio
Anthony Micheal Naughton
Stephen Brian O’Dell
Abigail Christine Phillips
Joanna Ramirez
Kristen Alexis Ray
Kellice Prene’ Sanders
Bryan Nicolas Sauceda
Danielle Rose Schneider
Samuel Austyn Scott
Antonio Sosa
Ryland Joseph Stevens
Lynda Jean Tull

1Summa Cum Laude   2Magna Cum Laude   3Cum Laude   4With Honors   5With Highest Honors
UNDERGRADUATE CANDIDATES
DECEMBER 2016

BACHELOR OF ARTS
ADVERTISING
Andrea Alexandra Arnao
L’Aryn Kay Bevels
Brett Alan Brideweser
Stephen Lewis Chamkiot
Erin Elizabeth Collier
Chase Jerome Corona
Eduardo Polo Cruz
Samantha Nikole Cypert
Jalen Derrell Davis
Darrin Leigh DeAnda
Benjamin Joseph Elsea
Jacob Thomas Garnett
Jordan Avery Garrett
Sarah Elizabeth Hoyt
Kristen Leigh Jackson
Benjamin Thomas Moore
Stephanie L. Moya
Hermilo Munoz
Sydney Starr Pasma
Kristen Sue Paulson
Jared Stewart Shrauner
Hayden Marshall Smith
Meagan Jeanette Garza
Baylee Simone Hebert
Michael Hernandez
Garet Richard Holton
Stephanie Lauren Jarvie
Benjamin Michael Lambourne
Dylan McKay Lowery
John Miller Martin
Jasmine Zonerey Jordan Moore
Michael Robert Morrison
Amy D’Lisa Oliavarez
Preston Uzomah Opara
Nathan Vincent Ortiz, Jr.
Jacob Manuel Palacios
Alyssa Rosanne Peden
Taren Renee Perkins
Mireya Angelica Quintana
Carmen Redondo
Ashley Elisabeth Ryan
Sara Elizabeth Sanchez
Olivia Katherine Strobush
Joshua Lee Taylor
Elizabeth Jasmyn Ureno
Maurice L. Washington
Sabrina Danielle Williams
Ashleigh Elizabeth Wolbrueck

COMMUNICATION STUDIES
Taylor Marie Bingham
Riley Patrick Farrar
Alex Michael Hatch
Bradley Scott Horton
Walter Kardell Lethermon
Samuel Jordan Maldonado
Luke Andrew Moore
Cally Morgan Reeves
Iris Jazelle Soto
Madison Nicole Stanley
Garon Lloyd Strong
Cassandra Marie Turzillo

ELECTRONIC MEDIA AND COMMUNICATIONS
Melanee Renee Brown
Jackson T. Burris
Shane Lionel Ryan Carter
Demi Kayleen Cole
Jason Kelly Crites
Iman Marie Eli
Adrian Fuentes
Macey Kay Gan
Corina Teresa Garcia

MEDIA STRATEGIES
Charity Alice Arnett
Joshua Jacob Arnoldy
Mackenzie Elizabeth Bardwell
Hayden Murphy Cavanagh
Madison Michelle Chaney
Cesar Chavez
Tomas Chavez
John Philip Christian
Colin Gregory Cloud
Lauren Elizabeth Dinkens-Moody
Emilee Michelle Evans
Nicole Brittany Gilbert
Alexandra Paige Haley
Montana Avery Horn
Troy Steven Hughes
Tanner Jarrett Hutcheson
Preston Douglas Jordan
John Clay Kaslik
Jessica Korryn McMinn
Lane Elizabeth Lussier
Aaron Michael Morales
Christopher Chase Parten
Christopher Montgomery Province
Roxanna Reyes
Katherine Paige Roberts
Joshua Bryan Rogers
Allison Taylor Setterlund
Rashawn Anthony Soloman
Parker Hayes Thomas
Christopher John Wadell
Kalem Jamiel White
Madeline Anne Woods

PUBLIC RELATIONS
Jordyn Chelsie Bauerlein
Rebecca Elizabeth Beach
Alexis Luna Betela
Mallory Glenn Blackburn
Randi Taylor Brigmnan
Brittany Simone Brown
Aryana Monique Burgos
Perla Cervantes
Angelica Correa
Laura Mireya Cueto
Jenna Elizabeth Curby
Alexis Nicole Del Rio
Devin Jenea DeLapp
Rachel Jannette Dickson
Rachel Leilani Doran
Alexandria Leeanne Eddins
Christopher David Farhat
Kylie Michelle Geeslin
Ruben P. Gomez
Laura Isabel Gonzales
Alison Claire Goodwin
Alexandra Lee Hanton
Alexis Ann Harvey
Haley Madelon Hays
Samantha Kaitlyn Jackson
Jasmine Shera James
Sarah Delaine Jean
Makenzie Nicole Kahan
Hayley Morgan Kauffman
Madison D’Lee Kinard
Hunter Austin King
Taylor Rebekah Lamb
Brittany Allison Lee
Cory Lane Miller
Layne Ellen Mims
Ashley Marie Morales
Meredith Ann Murrell
Andrea Nichole Naughton
Susanna-Elise Neidhardt
Brianna Elaine Peavler
Motola Abigail Peters
Jordan Elizabeth Quintin
Peyton Paul Schumann
Arthur Daniel Sedillos
Jacqueline Macey Smith
Leslie L. Smith
Kendall Kay Stroud
Lara Genevieve Toepke
Alexis Isabel Torres
Jaydon Logan Tucker-Bradley
Anthony James Uchytill
Ashlyn Paige Utley
Katherine Marie Webb
Sydney Lane Webster
Shelby Lauren Wofford
Taylor Austin Worley

BACHELOR OF APPLIED ARTS AND SCIENCES
Adrian Aranda
Jocelyn Barthum-Torres
Jennifer Renee Martinez

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

UNIVERSITY STUDIES
Franklin Alexander Agnew
Chris Luis Aguilar
Bobbi Avila
Brian Charles Baker
Brett David Becker
Taylor Alaine Biddle
Stephanie Dian Everfree Blackwell
Sterling Wade Blocker
Misty Dawn Bloomingdale
Coleman Pollard Bowden
Nicheel Dawn Boyd
Megan Elise Bradford
Cody Robert Burris
Ashley Nicole Clark
Cammie Lynn Coffey
Colton A. Englishbee
Keith Roland Eynon
Amelia Vonasse Flora
Courtney Anne Gerig
Kimberleigh Rochelle Gonzalez
Winston Eugene Goodman
Shannon Hope Graham
August Hunter Hein
Heather Marie Jennings
Andrew Parsons Grisbaum
Jaimie Lauren Hayslip
Natosha Anne Hendrickson
Clay Michael Herbert
Ashleigh Morgan Jenkins
Jessica Ellen Jones
Emma Laine Kingsbery
Raniece Michelle Knighten
Blake Andrew Laster
Cody Ryan Leake
Matthew Ryan Long
Ryan Thomas Mahady
Joshua Michael Montano
Spencer Ray Morgan
Afamefuna Ikenna Pride Okeke
Taylor Austin Pamplin
Mary Katherine Perrine
Rahele Rafique Poonja
Spencer Charles Porter
Ibrahim Isaiah Pratt
Jared Lance Presser
Sarah Dawson Pulaski
A. Michael Punto
Cory Lane Raley
Kristen Michelle Righter
Kylee Zane Rodriguez
Rodolfo Benjiman Samarripas
Ida Donnell Schmidt
Jordan Paul Simon
Camron Andrew Smith
Camri Deann Stovall
William Harold Sullivan
Haely Rebekah Sunlund
Courtnei Michele Taylor
Daniel Jordan Taylor
Paige Nicole Turnbow
Brandon Dwayne Vickers
Gerald Wayne Watson
Steve Nelson Weber
Samuel Kreg Whiteside
Audrey Marie Wilde

BACHELOR OF SCIENCE

UNIVERSITY STUDIES
Ryan David Behrle
Kyle Wayne Caviness
Chase Philip Eubanks
Obinna Eberachi Ezekwe
Santos Sherod Garcia
Danielle M Gavin
Caleb Matthew Hall
Cody Hall
Josie Lynn Hayes
Guadalupe Herrera
Cody Rhea Howard
Oggha Moe Hein Htut
Brittney Nicole Johnson
Kaitlin Leigh Leary
Isaac Richard Lucas
Cedric Christopher Macklin
Christopher Lee Martin
Colby Blake McKelva
Enrique Mendez, Jr.
Kelly Rae Meredith
Michael Anthony Merrick
Juan Pedro Moreno
Lavinia Caroline Owen
Roland Rodriguez
Turner Julian Sparks
Joshua David Tucker
Kenneth Brandon Yoakum

WIND ENERGY

Shelby Maloy
Steven Ernesto Perez
Eric Christopher Piontek
Carlos Michel Rivas

J.T. & Margaret Talkington College of Visual & Performing Arts

BACHELOR OF FINE ARTS

ART
Melissa Ann Burger
Joshua Chase Cobb
Steven Erick Estrada
Valerie Jean Haley
Brook Hendrix
Rebekah Elizabeth Holmes
Emily Guy Livingston
Marten Anthony Ortiz
Elizabeth Avery Smith
Antoinette Marie Triola
Tucker Briley Waldrop
Benjamin Thatcher Wortham

BACHELOR OF GENERAL STUDIES

Lauren Keach Karcher
David Irving Siegell
Michelle Ariel Vega

BACHELOR OF MUSIC

Ashley Lynn Allen
Benjamin Reed Cordell
Jeremy Luke Couture
Meredith Ann Crouch
Megan Lacy Dillon
Johnathan Christopher Doerr
Joshua A. Dolney
Grant Alexander Easdon
Aimee Michelle Foster
Jesus R. Garcia
Zachary A. Gonzalez
Nicholas Joseph Grigar
Michaela Celeste Hardin
Rebecca Suzanne Kozinski
Victoria Lien
Gabriella Antoinette Martinez
Roxanne Gabrielle Martinez
Jonathan Andrew Ortiz
Andrew Taylor Pacheco
Keith William Peters
Austin Benjamin Scott
Tyler B. Simon

1Summa Cum Laude  2Magna Cum Laude  3Cum Laude  4With Honors  5With Highest Honors
RECEPTIONS AND OTHER CEREMONIES

INDIVIDUAL COLLEGE RECEPTIONS

Immediately After Commencement Ceremony

College of Agricultural Sciences and Natural Resources | Animal and Food Sciences Building, Room 101
College of Architecture | Architecture Gallery
College of Arts and Sciences | Foyer Area of Room 104, Holden Hall
Jerry S. Rawls College of Business | McCoy Atrium, 1st Floor of Rawls College of Business
College of Education | Second Floor Lobby, College of Education
Edward E. Whitacre Jr. College of Engineering | 101 Livermore Center
College of Human Sciences | El Centro, Human Sciences Building
College of Media and Communication | Matador Room, Student Union Building
J.T. and Margaret Talkington College of Visual and Performing Arts | Rotunda, Holden Hall
University Studies | Red Raider Lounge, Student Union Building
Wind Energy | Room 107, National Wind Institute

Please Note: The Graduate School will distribute diplomas in the City Bank Room of the United Supermarkets Arena immediately after the commencement ceremony.

OTHER CEREMONIES

Army ROTC Military Commissioning | Friday, December 16, 10:00 a.m., International Cultural Center, Room 105B
Air Force ROTC Military Commissioning | Saturday, December 17, 6:00 p.m., Escondido Theatre, Student Union Building

CANDIDATES FOR MILITARY COMMISSIONS

The following students are being commissioned as a Second Lieutenant in the United States Air Force:

Blake Anthony Gawlik
Julia Eve Torres

The following students are being commissioned as a Second Lieutenant in the United States Army:

David Harvey Enriquez
William Bradley Taliaferro IV

The following students are being commissioned as a Second Lieutenant in the United States Marine Corps:

Thomas Earl Graham III
Stephen Anthony Mendoza
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 gonfalonies, 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-right quadrant, a book symbolizes religion and academic traditions. A star in the upper-left 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 College of Agricultural Sciences and Natural Resources was one of the four founding schools of the university in 1924. The college banner was redesigned for use in the December 2005 graduation. Dr. Marvin Cepica, former dean of the college, developed the design with approval and input from the College Marketing Committee. The background color, maize, was established by the Intercollegiate Code to represent the agricultural disciplines. The design, with a map of the continent of North America, reflects the global scope of modern agriculture and natural resources management.

The dimensions and proportions of the College of Architecture banner are based on the Golden Ratio creating the Golden Rectangle, within which is the logarithmic Golden Spiral. The ancient Greeks recognized these geometries as significant and aesthetically pleasing, and architects from Vitruvius to Corbusier have used these proportions as a means of design. The blue diagonal lines represent the architectural diagram, while the blue-violet fabric, the designated color for Architecture, is woven in a chevron pattern representing the complexity of digital design and fabrication. The banner was designed by David Isern and Simon Alvarez, graduates of the College.

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 banner was designed 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. Below are the words “Excellence in a Global Market.” The banner symbolizes the impact of globalization in the modern business environment.

The College of Arts and 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 Media and 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 Programs 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 top of the banner features the words “College of Visual & Performing Arts” in silver, linked by a dynamic red ampersand representing the merging of three departments into the college. Centered in the banner is the college’s original award-winning logo designed by the Price Group in 2002, the same year the college was founded. The logo is a circle divided into three sectors, each representing one of the three units of the college: a blue eye for the School of Art, a red lyre for the School of Music, and a golden spotlight for the Department of Theatre and Dance. All three artistic icons are encased by a circular banner which reads: “Texas Tech University.” The shape of the banner was selected through a student competition, and the banner was made by personnel in the Costume Shop of the Department of Theatre and Dance.

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.
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 and Sciences | Royal Blue
- Business Administration | Royal Blue and Gold
- Education | Jade Green and Violet
- Engineering | Orange
- Honors | Honors Medallion
- Human Sciences | Maroon
- Media and Communication | Crimson
- University Programs | Red
- Visual and 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.
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)
The first athletic teams of the university were known as the Matadors, a name that reflected the Spanish architectural influence on campus. The change from Matadors to Red Raiders occurred after a Lubbock Avalanche-Journal writer commented on the red uniforms and strong season of the 1932 football team, saying “the Red Raiders from Texas Tech” were the terror of the Southwest Conference. The name caught on and by 1936 the team was renamed the Red Raiders. No changes were ever made to the school song, which was penned in 1930. Page from 1936 Student Handbook courtesy of the Southwest Collection.