Commencement

SUMMER 2020
Lubbock, Texas
August 8, 2020
TEXAS TECH UNIVERSITY

SUMMER 2020

Commencement

Saturday, August 8, 2020 | 9:30 a.m. Lubbock, Texas
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 38,000 students enrolled in its 11 colleges: Agricultural Sciences & Natural Resources, 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, 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.
Saturday, August 8, 2020
9:30 a.m.

Presiding

Dr. Lawrence Schovanec
President, Texas Tech University

National Anthem

2019-2020 University Choir

Welcoming Remarks

Dr. Tedd L. Mitchell
Chancellor, Texas Tech University System
Mr. Christopher M. Huckabee
Board of Regents, Texas Tech University System

Introduction of Commencement Speaker

Dr. Lawrence Schovanec

Commencement Address

Ms. Ginger Kerrick
Deputy Director of the Exploration Integration and Sciences Directorate at NASA, Johnson Space Center

Student Speakers

Mr. Armando Velazquez
Graduating with a Doctorate in Environmental Toxicology
Ms. Rachel Givens
Graduating with a Bachelor of Science in Psychology

Conferring of Degrees

Dr. Lawrence Schovanec
Dr. Michael Galyean
Provost and Senior Vice President

Presentation of Degree Candidates

Dr. Mark Sheridan Vice Provost for Graduate and Postdoctoral Affairs; Dean, Graduate School
Dr. William Brown, Dean, College of Agricultural Sciences & Natural Resources
Prof. Jim Williamson, Dean, College of Architecture
Dr. Brent Lindquist, Dean, College of Arts & Sciences
Dr. Margaret Williams, Dean, Jerry S. Rawls College of Business Administration
Dr. Jesse Perez Mendez Dean, College of Education
Dr. Al Sacco, Jr., Dean, Edward E. Whitacre, Jr. College of Engineering
Dr. Michael San Francisco, Dean, Honors College
Dr. Tim Dodd Dean, College of Human Sciences
Dr. David Perlmutter, Dean, College of Media & Communication
Dr. Noel Zahler, Dean, J.T. & Margaret Talkington College of Visual & Performing Arts
Dr. Patrick Hughes, Vice Provost for University Programs and Student Success
(presenting University Studies and Wind Energy degrees)

Recognition of Outstanding Students Class of 2020

Dr. Michael Galyean

Charge to the Graduates

Dr. Lawrence Schovanec

Alma Mater
(Words on Back Cover)

Closing of Ceremony

Dr. Lawrence Schovanec

2019-2020 University Choir
Saturday, August 8, 2020
9:30 a.m.

Welcoming Remarks
Dr. Tedd L. Mitchell
Chancellor, Texas Tech University System
Mr. Christopher M. Huckabee
Board of Regents, Texas Tech University System

Commencement Address
Ms. Ginger Kerrick
Deputy Director of the Exploration Integration and Sciences Directorate at NASA,
Johnson Space Center

Dean Message to Graduates
Dr. William Brown, Dean, College of Agricultural Sciences & Natural Resources
Prof. Jim Williamson, Dean, College of Architecture
Dr. Brent Lindquist, Dean, College of Arts & Sciences
Dr. Margaret Williams, Dean, Jerry S. Rawls College of Business Administration
Dr. Jesse Perez Mendez, Dean, College of Education
Dr. Al Sacco, Jr., Dean, Edward E. Whitacre, Jr. College of Engineering
Dr. Mark Sheridan, Vice Provost for Graduate and Postdoctoral Affairs;
Dean, Graduate School
Dr. Michael San Francisco, Dean, Honors College
Dr. Tim Dodd, Dean, College of Human Sciences
Dr. David Perlmutter, Dean, College of Media & Communication
Dr. Patrick Hughes, Vice Provost for University Programs and Student Success
(presenting University Studies and Wind Energy degrees)
Dr. Noel Zahler, Dean, J.T. & Margaret Talkington College of Visual & Performing Arts

Faculty/Staff/Alumni Message to Graduates
College of Agricultural Sciences & Natural Resources
College of Architecture
College of Arts & Sciences
Jerry S. Rawls College of Business Administration
College of Education
Edward E. Whitacre, Jr. College of Engineering
Graduate School
Honors College
College of Human Sciences
College of Media & Communication
University Programs and Student Success
J.T. & Margaret Talkington College of Visual & Performing Arts
Hagan Wright
  *Bachelor of Science, Natural Resources Management*

Hannah Soenksen
  *Bachelor of Science, Architecture*

Rachel Givens
  *Bachelor of Science, Psychology*

Marta Wojtkowskis
  *Bachelor of Science, Biology*

Olasubomi Adewumi
  *Bachelor of Business Administration, Energy Commerce*

Emily Beam
  *Bachelor of Science, Education*

Kennedy Reyes
  *Bachelor of Science/Master of Science, Environmental Engineering*

Armando Velazquez
  *Doctorate, Environmental Toxicology*

Hafsa Zuberi
  *Bachelor of General Studies*

Tezarea Derry
  *Bachelor of Science, Nutrition*

Micah Palomo
  *Bachelor of Arts, Public Relations*

Breanna Velasquez
  *Bachelor of Fine Arts, Art*

Kevin Mosher
  *Bachelor of Science, Wind Energy*
Ms. Ginger Kerrick of Webster, Texas, was appointed by Gov. Greg Abbott to the Board of Regents of the Texas Tech University System on March 6, 2019. She currently serves as a member on the Academic, Clinical and Student Affairs Committee and the Audit Committee. Her term expires on Jan. 31, 2025.

Kerrick is the Deputy Director of the Exploration Integration and Sciences Directorate at NASA, Johnson Space Center.

She began working for NASA as a summer intern in 1991 and started her first permanent assignment at Johnson Space Center in May of 1994 as a Materials Research Engineer. In 1995, she was reassigned to the Mission Operations Directorate as an instructor for the International Space Station (ISS) Environmental and Life Support System. Her responsibilities include training development, simulator development and training conduct for both crew and flight controllers.

Kerrick served as NASA’s first Russian Training Integration instructor in 1997 providing support to the first crew that would live onboard on the ISS. In 2001 she was selected as the first non-astronaut Capcom (short for Capsule Communicator), the person in Mission Control that speaks to the on-orbit crew. Later, in February of 2005, she was selected as a Flight Director. This selection made her the first female Hispanic Flight Director in the history of NASA.

She is a member of the Society of Women Engineers, volunteer coordinator for Triumphant Tails, Inc. and serves as the emcee for the annual Galveston Polar Plunge benefitting Special Olympics.

Kerrick was recognized by the Texas Governor’s Commission for Women for her outstanding leadership and dedicated service to the nation’s space program, as well as her commitment to inspire others through giving back to her community.

In 2006, Kerrick was one of five women named to the Texas Women's Hall of Fame. She was named a distinguished alumna by Texas Tech University in 2004, and she also was recognized as a distinguished alumna in 2012 by the Texas Tech Alumni Association.

Kerrick was a two-year member (2014-15) of the Board of Directors for the Texas Tech Alumni Association serving on the Scholarship, Chapter Development and Academic Recruitment Committees. In 2015, Kerrick taught in the STEM Master of Business Administration program at Texas Tech University’s Rawls College of Business Administration.

Kerrick received a Bachelor of Science in physics in 1991 and a Master of Science in physics in 1993 from Texas Tech University. She was born and raised in El Paso, Texas.
Armando Elizalde Velazquez is an international student from Mexico graduating with a Ph.D. in Environmental Toxicology. He was a recipient of a Helen de Vitt Jones Graduate Fellowship and a Good Neighbor Mexican American Scholarship. Along his career at Texas Tech, Armando served in leadership positions at the Society of Environmental Toxicology and Chemistry (SETAC), an important professional society in the field of environmental toxicology and chemistry, first as a Public Relations Officer of LE-SETAC and later as Student Rep of SETAC-SC. Besides his scientific knowledge, Armando also possesses strong communication skills, being awarded third place and the People’s Choice Award in 2018 and third place in 2019 at the Three Minute Thesis (3MT) competition of the Graduate School. He was also invited to speak at Texas Tech Public Radio KTTZ-FM 89.1 in 2019 to talk about his research and record a script to be used for the Graduate School. Community service and scientific outreach were also part of his activities at TTU, participating actively in Adopt-a-Highway; Friends of the Library Lubbock; Tech Savvy; Tech to Town; Scales, Tails and Trails; Science: It’s a Girl Thing; Shake Hands With Your Future; and science fairs for Lubbock elementary schools as a judge.

Rachel Givens was born and raised in Round Rock, Texas. She graduated from Saint Dominic Savio Catholic High School in 2017 and began her college education at Texas Tech University in the Fall of 2017. She majored in Psychology with two minors in English and History. During her time as an undergraduate student, she was affiliated with the Alpha Lambda Delta and Phi Eta Sigma honor societies. During her last year at Texas Tech, she worked as an undergraduate research assistant in Dr. Robert Morgan’s Forensic and Correctional Psychology Research Lab. After graduation, she will continue her education by pursuing a Juris Doctorate here at the Texas Tech School of Law.
CONVOCATIONS COMMITTEE
Dr. Courtney D. Gibson, Chair
Dr. Marcus Tanner, Co-Chair
Mr. Ian Barba
Ms. Shelley Barba
Mr. Jacob M. Baum
Mr. Jordan Bell
Dr. Shane Blum
Dr. Rhonda Boros
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Dr. Nadia Flores
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Dr. Kristi Gaines
Dr. Michael Giesselmann
Ms. Maggie Gilchrest
Ms. Sarah Hatley
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Dr. Vijay Hegde
Ms. Laura Heinz
Dr. Annette Hernandez
Ms. Markicia Horton
Mr. Nate Imai
Dr. Catherine Jai
Mr. Jesse Jou
Ms. Jessica Kirschner
Dr. Belinda Kleinhans
Dr. Erin Marie Legacey
Dr. Jonathan Marks
Dr. Barent McCool
Ms. Macie Williams
College of Agricultural Sciences & Natural Resources – Ms. Macie Williams
College of Architecture – Ms. Amy Peterman
College of Arts & Sciences – Ms. Kymberli Saldana
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. Katie Chapman
Honors College – Ms. Cheyenne Belew
College of Human Sciences – Ms. Ashlee Brown
College of Media & Communication – Ms. Julia Heard Witt
University Programs – Ms. Kacey Marshall and Ms. Alyssa Wagner
Talkington College of Visual & Performing Arts – Ms. Kathy Nordstrom

ACKNOWLEDGEMENTS
This program is an unofficial list of Summer 2020 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.

COLLEGE READERS
College of Agricultural Sciences & Natural Resources – Dr. Warren Conway
College of Architecture – Mr. Darrick Wade
College of Arts & Sciences – Dr. Jorge Iber and Dr. David Roach
Rawls College of Business Administration – Mr. Derrick Ginter
College of Education – Dr. Anna Torres
Whitacre, Jr. College of Engineering – Dr. Tewodros Ghebrab
Graduate School – Dr. Aaron Zimmerman and Dr. Tim Dallas
Honors College – Dr. Aliza Wong
College of Human Sciences – Dr. Bill Gustafson
College of Media & Communication – Dr. Todd Chambers
University Programs and Wind Energy – Dr. Sarah Schwindz
Talkington College of Visual & Performing Arts – Dr. Jacqueline Henninger

STUDENT BANNER BEARERS
College of Agricultural Sciences & Natural Resources – Mr. Hagan Wright
College of Architecture – Ms. Anna Gonitzke
College of Arts & Sciences – Ms. Marta Wojtkowski
Rawls College of Business Administration – Ms. Crystal Onwukaife
College of Education – Ms. Emily Beam
Whitacre, Jr. College of Engineering – Mr. Tristan Atkin
Graduate School – Mr. Jonathan Verbeten
College of Human Sciences – Ms. Tezarea Derry
Honors College
Ms. Hafsa Zuberi
College of Media & Communication – Ms. Karena Friesen
University Programs – Ms. Jennifer Rubio
Talkington College of Visual & Performing Arts – Ms. Michelle Shin

ADMINISTRATIVE REPRESENTATIVES
College of Agricultural Sciences & Natural Resources – Ms. Macie Williams
College of Architecture – Ms. Amy Peterman
College of Arts & Sciences – Ms. Kymberli Saldana
Rawls College of Business Administration – Ms. Geleah Sharp
College of Education – Ms. Karen Noles
Whitacre, Jr. College of Engineering – Ms. Patricia Rodriguez
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College of Media & Communication – Ms. Julia Heard Witt
University Programs – Ms. Kacey Marshall and Ms. Alyssa Wagner
Talkington College of Visual & Performing Arts – Ms. Kathy Nordstrom

AUDIO/VISUAL TEAM
David Hougland, Associate Athletics Director/Broadcast Services
Scott Edwards, Lead Communications Engineer
Riannon Rowley, Game Day Producer
Tanner Fowler, Student Editor

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.

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The following student is being commissioned as a Second Lieutenant in the United States Air Force:

Matthew Edwards

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

Cassandra M. Poehlein

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

Sujan Aryal  
Allison Lee Beam  
Emily Anne Beam  
Karena Friesen  
Audrey Jade Green  
Tien Hoang  
Candra Naomi Hurley  
Jennifer Rubio  
Michael S. Russo  
Kendall Ann Tilton  
Samantha L. Ward  
Hagan Dirk Wright  
Parker Jay Zimmerman  
Hafsia Zhra Zuberi

Sydney Victoria Adams  
Danielle Nicole Addison  
Shannon Aguirre  
Felicity Alarcon  
Cassandra M Almendariz  
Andrea Amaya  
Ana Lucretia Apen Rodriguez  
Oakley Jane Arave  
Yadira Sarai Avalos  
Annamay Medina Bancroft  
Emily Anne Beam  
Allison Lee Beam  
Celeste Anna Benavides  
Nicole Giselle Bolanos-Mata  
Natalie Michelle Brizuella  
Tyler Ray Burchett  
Juan Carlos Camacho  
Krystan Nichole Carey  
John Edward Carlin  
Shyanne Lashea Carpenter  
Matthew M Carrillo  
Molly Christine Castle  
Jasmine Monet Coleman  
Kathryn Rene’ Cottrell  
Courtney Blake Crimm  
Veronica Cecilia De La Fuente  
Samanthan Nicole Elliott  
April Lynn Gallegos  
Erica Garcia  
Matthew Anthony Garcia  
Madison Renee Gembler  
Amy Gibbs  
Sarah Marie Gomez  
Yadira Salinas Gomez  
Maria Ana Gonzalez  
Iris Elaine Gonzalez  
Calla Destiny Gregg  
Danielle Joyce Halter  
Larissa Brooke Hastings  
Elizabeth Nicole Hermosillo  
Ana Karen Hernandez  
Vanessa Hernandez  
Lindsey Lee Hiracheta  
Genita Leanne Jackson  
Joselyn Abigail Jimenez  
Kayleigh Elcia Jordon  
Amairani C Juarez  
Dillon McDowell Junkin  
Madison Nicole Kansteiner  
Madison Alexis King  
Kaytlyn L Koeppen  
Joshua Austin Kull  
Giselle Anelee Lara  
Kayla A Lester  
Lea A Linthicum  
Claudia E Lobato Alvarez  
Carel Lopez  
Kielsey H Lopez  
Ashlynn Renee Lopez  
Alexis Lopez Lopez  
Bethany Jo Lopez  
Cassie Denise Lopez  
Allexandra K Lyons  
Lizbeth Martinez  
Ariel Martinez Llamas  
Heather Lynn McDaniel  
Benjamin Patrick McQuirk  
Rebecca Christine Meadows  
Amaris Luann Medina Perez  
Alexaih Brooke Meil  
Jessica Meraz  
Ana Maria Montoya Sanchez  
Estefania Morales  
Jessica Meleny Moreno  
Magaly Griotel Moreno  
Holly L Murphy  
Leonor Nguyen  
Brittany Moriah Nikoletopoulos  
Ana Karen Ochoa  
Belen Olvera  
Elyssa Renee Orona  
Maria Luisa Pantoja  
Ashley Chasmin Patrick  
Erica Perez  
Brittany Celeste Perez  
Eda Perez  
Mischel S Pinon  
Courtney Lacour Quintero  
Claire Mackenzie Railsback  
Jessica Abigail Ramirez  
Jessica Rangel  
Cynthia Teresa Requena Renteria  
Judith Reyes  
Mackenzie Blair Riggs  
Tera Nicole Rinar  
Dixie Marie Riser  
Samantha Lynn Roark  
Trinidad Rodriguez  
Ashley D Rodriguez  
Jacqueline Rodriguez  
Victoria Denise Rodriguez  
Derwin Rodriguez  
Candice Ann Rogers  
Mariela Giselle Rosales  
Joselyn Rueda  
Lena Samone Ruiz  
Yasmin I Saenz  
Maria Isabel Saldivar  
Lizbeth Esmeralda Sanchez Alquicira  
Yolanda Sandoval  
Elizabeth Nicole Saucedo  
Bernadette B Sifuentes  
Ocean Blue Smiley  
Rachel Antoinette Smith  
Luz Adriana Solis  
Rebecca Abigail Soto  
Kelley Ann Speer  
Reid Stillwagoner  
Tatum Naomi Tanner  
Courtney Rackler Tijerina  
Jennifer Salazar Torres  
Waleska Yvellis Town  
Alyssa Danyelle Tracy  
Janet Trevizo  
Diane Marie Banayat Valencia  
Selena Christine Vallojo  
Kelley Rene’ Valliant  
Isabel Vazquez  
Crystal Vences  
Sofia Mabel Villanueva  
Dorene Jasmine Villarreal  
Mikayla Paige Williams  
Khaliah Carol Williams  
Thalia Nancy Yanez Castellanos  
Melina Zavala
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.
Zachary Kirk Boswell
_Dissertation: The Interaction Effects of Media Types and Frames on Individual Responses in a Digital Platform
_Major Professor: Jacki Song_

Lucas Dale Lunt
_Dissertation: Drivers and Barriers to Voluntary Marketing Stewardship Program Adoption within a Business Ecosystem
_Major Professor: Mayukh Dass_

Muhammad Abdelrahman Abuelnour
_Major Professor: Hans Hansen_

Lori Leigh Tribble
_Dissertation: Corporate Wrongdoing Exposure and Recovery Time: A Two-study Examination of Direct and Moderating Effects
_Major Professor: Tyge Payne_

Eric Thomas Valenzuela
_Dissertation: Director Blockholders and Earnings Management
_Major Professor: Drew Winters_

Yixiu Yu
_Dissertation: Three Essays on User Satisfaction, Dissatisfaction, Ambivalence and Post-adoption Behavior
_Major Professor: Fred Davis_

Dinesh Sundaravadiivelu Devarajan
_Dissertation: Molecular Investigations of Nanocolloid Rheology
_Major Professor: Rajesh Shrikant Khare_

Zachary Kirk Boswell
_Dissertation: Key Allosteric Mechanisms within the ABC ATPase Core of Rad50 play a Critical Role in DNA Repair
_Major Professor: Michael Latham_

Abdul Malik
_Dissertation: Role of Computer Simulations in Quantitative Modeling of the Fragmentation Mechanisms and Energy Thresholds in Mass Spectrometry
_Major Professor: William Hase and Yehia Mechref_

Sara Shafiei Haghighi
_Dissertation: The Preparation, Characterization and Reactivity of Transition Metal Complexes
_Major Professor: Michael Findlater_

Babak Tahmouresi1er
_Dissertation: Heterogenization of Molecular Organo-iodine Oxidation Catalysts through Incorporation in Metal-organic Frameworks: Tackling the Problems of Decomposition and Deactivation through Site-isolation
_Major Professor: Anthony Frank Cozzolino_

Ilektra Drygiannaki
_Dissertation: Assessment of Stormwater Metals on Receiving Water Sediment Recontamination
_Major Professor: Danny Reible_

Giovanna Pagnozzi
_Dissertation: Evaluating the Influence of Capping Materials on Composition and Biodegradation Activity of Benthic Microbial Communities: Implications for Designing Bioreactive Sediment Caps
_Major Professor: Kayleigh Anne Millerick_

Brittany Elizabeth Blanchard
_Dissertation: Alcohol- and Cannabis-related Protective Behavioral Strategies: Psychometric Considerations
_Major Professor: Andrew Littlefield_

Dianna Mary Boone
_Dissertation: Family Functioning, Parent Feeding Practices and Attitudes, and Youth Weight Status in a Hispanic/Latino Sample
_Major Professor: Jason Van Allen_

Sarah Jo David
_Major Professor: Gregory Mumma_

Alexandra Blake Gibson
_Dissertation: Examining a Positive Variation of the Good Behavior Game with Head Start Children
_Major Professor: Adam Schmidt_

LeRoi Hill
_Dissertation: The Effects of Child Protective Services Involvement, Childhood Trauma and Time in Detention on Crossover Youth Recidivism
_Major Professor: Adam Schmidt_

Mackenzie Leigh Hughes
_Dissertation: Negative Trauma-Related Cognitions as a Mechanism of Change in PTSD Symptom Reduction in Trauma-focused Cognitive Behavioral Therapy
_Major Professor: Catherine C. Epkins_

Jenny Chong Hutchinson
_Dissertation: Prospective-Longitudinal Associations of Parental Alcohol Use Problems and Parental Warmth with Anxiety and Depression from Early to Late Adolescence
_Major Professor: Adam Schmidt_

Elizabeth Ortiz Gonzalez
_Dissertation: Latina Mothers and Child Externalizing Behavior Problems: Examining the Role of Cultural Factors and Parenting
_Major Professor: Brandy Pina-Watson_

Thomas John Parkman
_Dissertation: A Social-ecological Model of Youth Engagement in Physical Activity
_Major Professor: Jason Van Allen_

Muqaddas Sarwar
_Dissertation: Examining the Associations Between Perceived Discrimination and Psychological Distress in a Muslim American Sample
_Major Professor: Steven Richards_

Emma Kathryn Welch
_Dissertation: A Multilevel Network Analysis Approach to Evaluating Dynamic Relations Amongst Distress Tolerance Facets
_Major Professor: Gregory Mumma_

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_Major Professor: Gregory Mumma_

COMPUTER SCIENCE

Marti Gwadaraji Chatterjee
_Dissertation: Deep Evidential Reinforcement Learning
_Major Professor: Akbar Namin_

Hoang Long Nguyen
_Dissertation: Algorithms for Context-aware Forecasting
_Major Professor: Fang Jin_

Sonali Sen Baidya
_Dissertation: SDN-specific Security Attacks and Defense Mechanisms
_Major Professor: Rattikorn Hewett_
Jianjun Zheng  
*Dissertation*: Optimal Policy for Dynamically Changing System Configurations in Moving Target Defense  
*Major Professor*: Akbar Siam-Namin

Lindsey Georgeanna Hawkins  
*Major Professor*: Cameron Brown

Mandrina Das  
*Dissertation*: Self-compassion as a Protective Mechanism between Sociocultural Pressures and Disordered Eating Behaviors in Latina College Students  
*Major Professor*: Steven Richards

COUNSELING PSYCHOLOGY  
McKenzie Jo Cordell  
*Dissertation*: Drinking Like a "Macho Man:" An Assessment of the Impact of Masculinity on the Relationship Between Depression and Alcohol Use in White and Latino Men  
*Major Professor*: Steven Richards

Emily Alyssse Estrada  
*Dissertation*: "Mean Girls: An Examination of the Consequences of Sociocultural Influences and Women Objectifying Women;"  
*Major Professor*: Sheila Garos

Ashley Jordan Maile O-Puna Martinez  
*Dissertation*: Racial-ethnic Microaggressions and Suicidal Ideation for Latinx College Students: A Photovoice as Participatory Action Research  
*Major Professor*: Brandy Pina-Watson

Briann Nicole Olafsson  
*Major Professor*: Robert Dean Morgan

Margaret Ann Piper  
*Dissertation*: The Presence of Negative Stereotypes Towards Student-Athletes Amongst University Faculty Based on Race and Gender  
*Major Professor*: Sheila Garos

COUPLE, MARRIAGE, AND FAMILY THERAPY  
Julie Ann Gardenhire  
*Dissertation*: Multi-method Analysis of Romantic Relationships and Cardiovascular Health Risks  
*Major Professor*: Cameron Brown

Lindsey Georgeanna Hawkins  
*Dissertation*: Childhood Abuse and the Biopsychosocial Model: An Examination of Contextual Factors  
*Major Professor*: Cameron Brown

Natira Dezirae Mullet  
*Dissertation*: The Role of Family Cohesion and Cultural Identification as Moderators of Sexual Assault and Internalizing and Externalizing Behaviors: A Multiple Groups Analysis  
*Major Professor*: Antover Tuliao

JUNE 2020

Cydney Alexandra Schleiden  
*Dissertation*: Racial Disparities in Basic Needs: MFTs Utilizing Maslow's Hierarchy when Working with Marginalized Youth  
*Major Professor*: Kristy Soloski

Teha Konteka Cooks  
*Dissertation*: Early Adolescent Students’ Argumentation in a Worldwide Science Education Activity about Global Lunar Phases  
*Major Professor*: Walter Smith

Kelly Denise Dyer  
*Dissertation*: Predictors of Academic Achievement in Dual Credit Students: An Explanatory Sequential Mixed Methods Study  
*Major Professor*: Gina Childers

Ehren Frank Haderlie  
*Dissertation*: A Phenomenological Study of the Lived Experiences of Pre-service Science Teachers Trained in Low-diversity Environments and Placed in Multicultural Student Teaching Field Experiences  
*Major Professor*: Jessica Gottlieb

Sherre Amanda Heider  
*Dissertation*: Rehearsal in Teacher Preparation: Advancing Candidates’ Instructional Practice Through Explicit Coaching  
*Major Professor*: Doug Hamman

Natalie Latrice Parker-Holliman  
*Dissertation*: Brilliant Black Girls: Middle School Mathematical Experiences of Triumph, Success, and Resilience  
*Major Professor*: Faith Maina

Crystal Dail Rose  
*Dissertation*: Academic Literacy and International Students: A Photovoice as Participatory Action Research Project  
*Major Professor*: Aaron Zimmerman

Shona Rose  
*Dissertation*: Feedback in the Writing Conference  
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*Dissertation:* Parasitic Infection in Wild Northern Bobwhite (Colinus virginianus) and Assessment of Intermediate Hosts and Development of a Treatment  
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Thesis: Mexican Consumers’ Perceptions and Preferences for U.S. and Texas Beef
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Andrea Marcela Osorio Doblado
Thesis: Effects of Calcium-ammonium Nitrate on Performance and Greenhouse Gas Production of Beef Steers Grazing a Mixed Winter Forage
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Andrea Isabel Reano

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Thesis: Ecology and Energetics of Partial Migration and Facultative Hibernation of Mexican Free-tailed Bats
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Timothy Donovan Gilliam II
Audrey Jade Green
Travis James Hall
Tien Thi Xuan Hoang
James Dylan Hodge
Candra N. Hurley
Gavin Christopher Jones
Emily Madison Koch
Daniel Arturo Loredo
Victoria Madrid
Kent Ian Pearce
Mitchell Pollan
Jackson Perez Powell
Samuel Reeves
Sheikh Zaid Rehman
Michael Russo
Samantha Kayleen Thompson
Kendall Tilton
Jarrett O’Keith Villery
Jackson Moore Young

Master of Science in Chemical Engineering
Nandini Deb Tumpa
Pedro Emanuel Gonzalez Cruz
Thong Quoc Le
Md Mezbah Uddin

Master of Science in Civil Engineering
Siddhesh Sudhir Ambure
Rose Rezvaneh Ghasemi
Tyler Heitman
Justin Doyle Johns
Ghazal Mohammadi

Master of Science in Electrical Engineering
Taslim Rahman Anupom
Behnam Askarian
Saleha Fatema
*Thesis: Multiple Mode Couplings in Waveguide Array for Broadband Near-zero Dispersion and Supercontinuum Generation
Cody Brent Francis
Md Mahmudul Hasan
Tyler Wayne Klein
*Thesis: Synchronous, 100 kV Modular Pulse Charger with Microsecond Rise Time
Priyanka Bhushan Lohray
*Thesis: Rounding Technique Analysis for Power-Area & Energy Efficient Approximate Multiplier Design
Md Borhan Mia
Amir Hossein Nazeri
Bengie Lemuel Ortiz Del Valle
Daniel F. Rodriguez
Fernando Salcedo
*Thesis: Analysis of the Effects Nonlinear Loads Have on the Lifetime of Generator Sets
Fatemehsadat Tabei

Master of Science in Industrial Engineering
Haroon Sarshad

Master of Science in Mechanical Engineering
Conner Stephens Atnip
Elizabeth Burnett
Colton Briggs Cagle
Clinton Ryan Davis
Truong Quang Dinh
Samuel Logan Godinez
Yeojin Jung
*Thesis: Thermo-kinetic and Tribological Behaviors of PFPE Lubricants on DLC Based on Molecular Simulations
Ali Khodayaribavil
Jonathan Clark-Marrouche Smith

Master of Science in Petroleum Engineering
Jayathi Kurre

Master of Science in Software Engineering
Md Raihan Majumder

Master of Science in Systems and Engineering Management
Marqui Jungling
Lindsey Ann Livoni

Master of Environmental Engineering
Kennedy Arianna Reyes
Garret Settles

Professional Science Masters

Environmental Sustainability and Natural Resource Management
Olivia Rose Enriquez
Sara Kathryn Scott
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.”
UNDERGRADUATE CANDIDATES

POLITICAL SCIENCE
Reagan N. Broom
Warren Mark Dyer1 2
Donovan Trace Estrada2
Jenna Marie Gardner1 3
Thomas Eugene Hawkins
Matthew Robert Hernandez2
Kellie Isememe Kadiri
Babajide Adedamola Ladega
Kennedy Enee Miller
Jacob Jaben Robison
Patrick Thomas Smallwood3
Nicholas John Vivanco
Michelle Saidia Watts2
Daniel Ford Winnett
Weston Rainier Yoshinobu

PSYCHOLOGY
Jacquelyn Pace Bailey
Emily Michelle Bates
Travis Edward Beck
Kenya M Bosso
Matthew Whitt Bradbury
Kallie Michelle Brooks
Collin Reid Brower
Marty D’Angelo Caballero
Nicholas Allen Campbell
Ramiah Sha Ron Campbell
Steven James Casassa
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Naydellin Amando Cruz
Dexter Donald Davenport
Kealey Dale Denting
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D’Jenne Elena Egharevba
Emiliee Marie Encizo
Alexandra Escobedo
Madeline Rafi Frady2
Gabriella Andrea Garza
Rachel Cassandra Givens2
Rosio Gonzalez
Lindsey Taylor Gould
Armando Gutierrez1
Sarah Karimian
  2nd Major: Spanish
Miriam Kramph
LeAndra Nicole LaMascus
Madison Alexis Locke
Emily Nicole Luna
Daniel Thomas Martinez
Estrella Mendez
Kathryn C Morgan1
Rylan James Morris
Adan Francisco Muro
Jessica Cam Nguyen
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Javon David Rosales
Mary Hannah Ruiz2
Valorie Rose Semna
Kaitlyn Lee Shivers3
Branson Brady Stephens
Willa Rylie Stovall
Kathryn Chelsea Wood
Paxton Else Yeager
  2nd Degree: Art
Hannah Elizabeth Yount

SOCIAL WORK
Nicole G. Madawo
Kennedy Lee Martinez

SOCIOLOGY
Jariece Armour-Gardner
Devante LaMont Blackmon
Kathryn Elisabeth Carlisle
Sara A. Carrillo
Nathan Charles Gift
Rosario Janet Guajardo
María-Renée Price Lops
Colin G McKay
Ivanna Lea McKinney
Vianni Alyssa Moreno1
Aricka M Potts
Ross Michael Raedeke3
Jade Maria Regner
Christopher Paul Rivera
Jennifer Jazmin Rojas1
Priscilla Ann Saavedra
Andrew J Sabatino
Noah Emery Shelton
Savannah Hope Streetman
Cassidy Elizabeth Weigold

SPANISH
Forrest Saunders Black
Aiime Duarte
Caroline Grace Goodnight2
Fernando Leyva Alderete

TECHNICAL COMMUNICATION
Olivia Nicolette Cruz

BACHELOR OF GENERAL STUDIES
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Saba Belay
Austin Connor Bratton
Erin Nicole Castillo
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Paul James Goode
Kyle Edward Gray
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Anquanette Shantrelle Harris
Erika Casey Harvey
Christin Noel Hayes
Jonathan Luke Ingle
Elizabeth Catheryne Mary Randall
Ali Ahmad Raja
Kaci Elena Norwood1
Aneeez Ilogebe Ogbonnia
Yazmeane N Peña
James Harold Pierson
Cassandra Michelle Poehlein
Marta Anna Wojtkowski

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Jonathan Christopher Ciaccio
Robyn Libby Ann Colon
Mauricio Contreras
Cameron James Crabtree
Hayley Katherine Dufresne
Mathew Paul Edwards
Christina Apol Fekete
Dominique Michelle Garrett
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Francisco Javier Hidalgo
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Megan Taylor LeFriche
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Cesar Mendoza
Kaci Elena Norwood1
Aaneez Ilogebe Ogbonnia
Yazmeane N Peña
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Cassandra Michelle Poehlein
Ali Ahmad Raja
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Karen Johana Rascon
Taryn Nicole Starr
Sydney Calon Stapleton
Brooke Annelise Soares
Randall Brian Shafer II
John Robert Welch
John Robert Welch
Amy Edra Wilson2
Hunter Keith Wood
Alexander Lee Wulfenmaker

BIOLOGY

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Alyssa Victoria Puga1
Tara Danielle Puig
Hunter Cole Randolph
Christian Luis Rauschenplat
Chelsea Lynne Reed
Oluwemi Adeyale Xavier Rotimi1 4
Jaaal Simone Satterfield
Kenyon Dwayne Scott
Clark Dudley Senter1
John Peyton Shafer1
Randall Brian Shafer II
Brooke Annelise Soares
Scarlett Kathleen Sperry
Sydney Calon Stapleton2
Steven Rhea Trollinger, Jr.
Marisa Paige Weerts
John Robert Welch
Kiersten Kay Welsy
Amy Edra Wilson2
Hunter Keith Wood
Alexander Lee Wulfenmaker
Hafsah Zehra Zuberi1 4

2nd Major: Spanish

1 Summa Cum Laude  2 Magna Cum Laude  3 Cum Laude  4 With Honors  5 With Highest Honors
AUGUST 2020

CELL AND MOLECULAR BIOLOGY
Francesco A Addonizio³
Anna Lisa Grothaus

CHEMISTRY
Deanna Duyen Nguyen
Sarah Christina Villareal¹
Skye Elizabeth Calderon Williams

ECONOMICS
Connor Daniel Beique
Gavin Paul Blanchard
Justin DK Coppie
Alessi Vladimir Lopez

GEOSCIENCES
Luis Miguel Almaguer
Jwan Christopher Barazi
Charles Glynn Burt
Kevin Daniel Byerly
Robert James Calzada
Robert East
Alexandar Elie Farajallah
Jose Israel Figueiredo
Bryan Daniel Joiner
Garrett Michael Jones
Luke Caleb Jones
John Edward McNulty
John David Volker
James Robert Wolfshohl

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Natalie Anna Aguilera²
Rylee Jo Albracht²
Julio Gaitan Alejo, Jr.
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Dale Lyn Bruton
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Ivan Chapaic³
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Yndigo Cofer-Brooks
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Quendaline Ester Davis
Karyme Iliana Flores
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Jeremy Ellis Gould
Kyle Louis Hodge³
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Reed Murdock Knittle
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Morgan Riley Mendelson
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James Keith Robertson II
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Rachel Simone Rose
Taylor Janelle Ross
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Eleanor Brianna Schwambach
Madelyn Kate Simmang³
Courtney Rachael Slider³
Courtney Danielle Stanton

MATHEMATICS
Brandee Briana Andrews
Jacqueline Marcella Andrews
Zackary M Butterfield
Victoria Amber Closson
Vanessa Esther Costilla
Chelsea Breanne Garza
Rajiv Jung K C⁴
Amanda Crystal Martinez-Moreno
Casan Dale Matschek
Nicholas John Moore
Anibal Victor Muondo
Allison Joe Raby³
Rosa Amilia Villalobos-Cuellar
Justis Daniel Wilkins

MICROBIOLOGY
Hamza Salman Ahmad¹⁴
Yvonne Alvarez
Justin Jireh Bacañ¹⁴
Dave Mikal Baychoo
Anna Alexandra-Ning Beard³
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Jeremy Benito Garza
Alyssa Nicole Gonzalez¹⁴
Andrea Guadalupe Gutierrez Lopez²
Francisco Juarez, Jr.
William Robert Kastor
Ifedolapo O Raufu
Lauren Mackenzie Shelton
Oscar Wu¹⁴

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David Christian Jimenez
Pieter Viljoen
Peter Charles Wibert

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Cooper Scott Anderson
Amanda Paige Briggs³
Caleb Nathaniel Elijah Brockington
Michael Tyler Canipe
Tanner Michael Cordova
Callen Taylor Eastman
Hamilton Seth Hudson
Garrett Dale Martin
Brady Alexander McDowell³
Gage Bates Miller
Cy Daniel Radic
Eriq Andrew Rojas
Margaret Allison Sagers³
Jose Anthony Samarritas
Ivone Jade Walker³

BACHELOR OF SCIENCE IN
INTERNATIONAL ECONOMICS
Tamiris Lukenia Sebastian Antonio
Matthew Alec Dossey
Forrest Hamilton Fisher³
Noe Franklin Giron
Cody Charles James
Jacob Connor Osborne

ACCOUNTING
Benjamin A. Carr³
Israel Rene Carrejo
Abigail Ann Carriazo
Carlos Alberto Castillo
Frank Cox Coates
Katherine Nicole Conley¹
Melody De Pena
Matthew L. DeMott
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Brice Austin Faison³
Crystal Flores
Christopher Nolan Francis³
Thomas Hinojosa Garcia³
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Timothy Donovan Gilliam II
Audrey Jade Green¹
Tien Hoang³
Candra Naomi Hurley¹
Jocelyn Annette Johnson
Gavin Christopher Jones
Emily Madison Koch³
Kyle Stephen Kolanowski
Victoria Madrid³
Michael Wade McGinnis
²nd Major: Finance
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Chloe Allison Orr¹
Joseph David Petri
Mitchell Pierce Pollan
Jackson Perez Powell
Raymon Lee Reavis²
Samuel Isaac Reeves³
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Sheikh Zaid ur Rahman
Michael S. Russo³
Matthew William Ryan
Daniel Jonathan Santibanes
Samanta Kayleen Thompson
Kendall Ann Tilton¹⁴
Jarrett O’Keith Villery²
Jackson M. Young²

ENERGY COMMERCE
Olasubomi Inioluwa Adegwumi³

FINANCE
Jake Randal Anderson¹⁴
²nd Major: Accounting
Sujan Aryan¹
Bryant Andrews Blackburn
Matthew John Burns
²nd Degree: Economics
William Jared Couch
Kevin William Diaz-Gonzalez
Salvador Jesus Fierro
²nd Major: Accounting
Shyam Gandhi³
Ahmet Geldiyev
²nd Major: Accounting
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Donal Koby Hamill
Cade Christian Henderson¹
Zachary Thomas Manley¹
Giovanni Pineda Piedra
William Dean Plunk
Samuel Burton Robertson¹
Hugo Andres Valverde

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With Highest Honors
Cum Laude
With Honors

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Berkley Madelynne Stell
Clayton Scott Spidle
Trevor Allen Shelton
Johnathan Edward Schlief
Tristan D. Sangster
Chanel Holly Rodarte
Dillon Renz
Monica Marie Reinke
Amanda Marilyn Rainwater
John-Pierre Quintana
Lindsey Suzanne Poucher
Devin McBrayer Phillips
Kennedy Odhiambo Okello²

2nd Degree: Landscape Architecture

INFORMATION TECHNOLOGY
Aaron Thomas Arrington
Luis Carlos Hinjosa
Christy Mbithi
Kenny Bao Danh Nguyen

MANAGEMENT
Melissa Arizpe
Andrew Bailey Brown
2nd Major: Marketing
Shayne E. Butler
Christian Tanner Davis
Itzel Guadalupe Frias²
Dylan Chase Friske
Keval Gala
Julisa Garcia
Jay Garibay
Tyler Ray Gidney
Austen Garrett Haaß
Christina Marie Hager
Noah Golden Hess
Luke Halloran Hodges
Caleb J. Horton
Diane Lynn Johnson
Alexander Ryan Kay
Jennifer N. Kenyon
Marcus Oladapo Mabinuori
Jacob Daniel Mulieri³
2nd Major: Information Technology
Kennedy Odhiambo Okello²
Stephanie Ngoc My Pham
Devin McBrayer Phillips
Lindsey Suzanne Poucher
John-Pierre Quintana²
Amanda Marilyn Raimwater
Monica Marie Reinke
2nd Degree: Landscape Architecture
Dillon Renz
Chanel Holly Rodarte³
Tristan D. Sangster
Johnathan Edward Schlie³
Trevor Allen Shelton³
Clayton Scott Spidle
Berkeley Madelynné Stell
Kyle Hudson Taylor
Saysha Charlene Urban
Bailey Madison Vaughan
Marisa Brooke Williams

MANAGEMENT INFORMATION SYSTEMS
Nolan James Hargreaves

MARKETING
Dorleta Armendariz Lasa
Chase M. Austin
Abby Caroline Beiringer
2nd Major: Management
Alexander McKenzie Churchill
Brendan Slade Coulter
Andrew Scott Davis
Baylee A. Davis
Eloy Henry Del Bosque
Zachary Tyler Dickey
Payton Cheyenne Dutton
Lauren Frances Finelli³
Esteban Javier Garcia
Nicholas David Key
Sabrina Alicia King
Kaylee Michelle Kinzie
Lauren Elizabeth Lohmeyer
Anna Elizabeth Lowe⁴
Daniela Martinez
George Mitchell McCoy
Casey Lane Mushinski
Kelechi V. Obi³
Tye Adam Parker
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Victor Plosca
William T. Reed
Carlos Eduardo Salazar
Caleb Walker Schnatz
William Hayden Scott
Tatum Riley Stewart
Thomas Alexander Telle Serrano
Thomas Parker Torres
Gilbert F. Vanzandt
Chloe Elizabeth Wall
Taylor Todd White

SUPPLY CHAIN MANAGEMENT
Jacob Matthew Fetterolf
Taylor Jordan Konovalski
Marline Ortiz³
Decker Wayne Reno

BACHELOR OF SCIENCE
EDUCATION
Yvonne Ashley Acosta
Sydney Victoria Adams¹
Danielle Nicole Addison¹
Shannon Jean Aguierre³
Felicity Rachelle Alarcon¹
Cassandra Marie Almendarez¹
Andrea Margarita Amaya¹
Ana Lucretia Apen Rodriguez²
Yadira Sarai Avalos
Annamay Medina Bancroft³
Allison Lee Beam¹⁴
Emily Anne Beam¹⁴
Celeste Anna Benavides²

¹Summa Cum Laude ²Magna Cum Laude ³Cum Laude ⁴With Honors ⁵With Highest Honors
Elyssa Renee Orona
Maria Luisa Pantoja
Ashley Chasmin Patrick
Brittany Celeste Perez
Erica Perez
Mischel S. Pinon
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Derwin Rodriguez
Jacqueline Rodriguez
Trinidad Rodriguez
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Mariela Giselle Rosales
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Yasmin I. Saenz
Maria Isabel Saldivar
Lizbeth Esmeralda Sanchez Alquicira
Yolanda Sandoval
Elizabeth Nicole Saucedo
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Ocean Blue Smiley
Rachel Antoinette Smith
Alejandra Maria Solis
Luz Adriana Solis
Rebeca Abigail Soto
Kelley Ann Spee
Reid Stillwagoner
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Brittany L. Thurmond
Courtney Rackler Tijerina
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Lisa Anita Torres
Waleska Yvellis Town
Alyssa Danyelle Tracy
Janet Trevizo
Diane Marie Banayat Valencia
Selena Christine Vallejo
Kelley Rene Vailant
Isabel Vazquez
Soafa Mabel Villanueva
Dorene Jasmine Villarreal
Khailah Carol Williams
Mikayla Paige Williams
Thalia Nancy Yanez
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CHEMICAL ENGINEERING
Humberto Lopez Franco
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CIVIL ENGINEERING
Pablo Alberto Chavira
Rhiannon Eleni Hancock
Clay Chandler Korthauer
Maya Moawad
Calii Denise Thomas

COMPUTER ENGINEERING
Josue A. Rodriguez
Sifat E. Sanjeen
Timur Shangareev
Rick Trevino

ENGLISH ENGINEERING
Ryan Bennett Atkinson
Cole Arthur Ballew
Katrina Dionisio Bueno
Michael Jennings Dichiara
Garrett Sema Mbaku
Ukoh Ndukwo
Aaron Joseph Pingo
Brandon Lee Shoemaker
Elijah Sacdalan Silang
Christian Yawn

CONSTRUCTION ENGINEERING
Blaire A. Bourgeois

ELECTRICAL ENGINEERING
Blake Anthony Barcia
Arthur Richard Brown
Casey Davis
Tiare Esmeralda Haro
Hamza Khan
Daphni Valyncia Leonard
Lawrence Lewis
Nathan Frank Lockwood
Jovana G. Sierra Valles

ENVIRONMENTAL ENGINEERING
Dimas A. Ramadhan
Kennedy Arianna Reyes
Garret Settles

INDUSTRIAL ENGINEERING
Oluwaseun Adetokunbo Adebajo
Asim Alahwas
Thamer Naif Alhathal
Brailio Abued G Bartolomeu Cunha
Delio Eliud Cunha
Brooke Laine Cunha
Roselyne Adanma Onuoha

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Marcus Evan Andres
Tristan G. Atkin
Lauren Catherine Barnes
Roberto C. Barrera
Lurvin Gisell Bernarddez
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Rylan David Chapman
Michael Cheon
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Bobby Gill Diaz
Justin Clement Dsouza
Trever Alan Frase
Chad Adam Harberson
Matthew Craig Holcomb

MISCELLANEOUS

COMMUNITY, FAMILY, AND ADDICTION SCIENCES
Erin Nicole Burrows
Morgan Alyse Carmichael

FAMILY AND CONSUMER SCIENCES EDUCATION
Oakley Jane Arave

HUMAN DEVELOPMENT AND FAMILY STUDIES

Hans William Hudyncia
Joatan Ezequiel Iruegas
Logan Anthony James
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Mazen Nabil Nachawati
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John Nicholas Zulaica

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Ellis Katherine Martin

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APPAREL DESIGN AND MANUFACTURING
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Dalen Do
Kotomi Avilla Edgar
Shaunna Vivian Fayo
Nathan Higdon
Monisha Jeraldin
Rebkakah Gene Navas
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Kieaston Lanaya Robinson
Saige Schoenfeld
Jacqueline Moorene Shotton
Ashlynn Nicole Tursi

EDUCATION

Tara Alineo Kahuna
Abigail Gonzalez
Alyssa M. Kline
Alyssa P. Kline

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College of Human Sciences

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BACHELOR OF INTERIOR DESIGN
Mohamad Aljumah

BACHELOR OF SCIENCE

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NUTRITION

Matthew Alexander, IV
Tezarea Secanze Derry
Ashley Gregory
Brianna Nicole Johnson
Matthew Albert Mireles

NUTRITIONAL SCIENCES AND DIETETICS

Katie Michelle Knight

PERSONAL FINANCIAL PLANNING

Ignatius Frederick Horstmann
Alexandria Breigh Hough
Samuel Grayson Reed
Mark Joseph Zwick

RESTAURANT, HOTEL, AND INSTITUTIONAL MANAGEMENT

Claire Dridge
Ryan Parker Hoepfner
Kaitlin Lafavers
Amador Alejandro Martinez
Sarina Marie Rebaldo
Sara Elizabeth Ross
Christopher Andrew Uryasz
Cameron Cooper White

RETAIL MANAGEMENT

Lauren Brooke Ammon
Juliette Lenae Diehl
Jordan Danielle Howard
Brian Keith Owens
Misty Ann Quintanilla
Rilyn Kee Westbrook

BACHELOR OF ARTS

ADVERTISING

Abbigayle K. Adams
Kipp Colin Bennett-Chew
Andreas Mircea Bianchi

2nd Major: Media Strategies

Anton George Oskar Brodén
Spencer Gregory Cullen
Jenna Caroline Curtis
Travis J. Doke
Kyle Gay
Hayden Richard Hefty
Maklen Alexander Marchant
Ivan Monarrez
Greyson C. Murchison
Tanner George Picard
Eduardo Reyna
Joseph Michael Tanner
Christopher Taylor Wilkins
Tiffanie Nicole Wyatt

COMMUNICATION STUDIES

Connor James Anderson
Jarett Brawley Bonner
Ian Richard Bromley
Stanley Gerard Brown
Stacey M. Cain

DISSERTATION STUDIES

Zackary Ellis Carter
Skye Marie Clements
Sara Ann Davis
Madison Rose Edgemon
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Jerusalem Tekle Gaim
Sarah Elizabeth Garnica
Matthew Taylor Grafton
Kaylee Nicole Green
Clifford James Hicks
Hudson Ray Johnson
Naomi Gabriela Minturn
Rodrigo Miranda Zozaya
Aaliyah Mohammed
Jared Conner Poole
Brittany Anne Powell
Timothy Grant Rhodes
Omar Abdul Samad
Charles Brett Shannon
Charles Allen Shipp
Emily Nicole Smallwood
Natalie Taylor Stanislaus
Hannah Lange Sullivan
George Daniel Wanjau
Samantha L. Ward
Tiara Lynn Williams
Phillip Tyler Woods

CREATIVE MEDIA INDUSTRIES

Rubi Aguirre

2nd Major: Communication Studies

Kian Earl Bell
Nikolaus Aron Goldiron
Ryan Rakim Craig
Judson Eddins
Tatianna Alisha Henry
Garrett Adam Kidd
Oriabure Nathaniel Bryant Okoruru Uwagbale
Marina Alexandra Ramirez
Myles Ray Salazar
Jonathan Brent Seaborn
Henry Jace Zielinski

DIGITAL MEDIA AND PROFESSIONAL COMMUNICATION

Karena Friesen
Joseph Alexander Reynoso
Karen Lindsay Rios

JOURNALISM

Katelyn M. Lipham

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Cooper Mac Barkwill
Lane Barret Christianson II
McKenna Rose Duncan
Jacee Laine Fellows
Siboney Vanesa Flores
Alexander Ray Gonzalez
Kristyn Rylee Guerra
Ryan M. Haralson
Alexandria Michell Hernandez
Greyson C. Jones
Grant Allen Kersey
Tyler King
Alexis Rene’ McLeod
Adam Lucas Reed

1Summa Cum Laude  2Magna Cum Laude  3Cum Laude  4With Honors  5With Highest Honors
AUGUST 2020

PUBLIC RELATIONS
Bonny Elizabeth Abarca
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Jeffrey Lane Emerick
Tiffany Paige Fernandez
Alexa Rose Fishman
Elijah Cire Fox
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Breck Adrianna Gavin
Sal Anthony Gonzalez
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David Parker Kendrick
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Taylor Victoria Moore
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Samuel Isaac Weed

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Gilbert Lee Gonzales
Westin Lee Goodman
Tatum Deann Gray
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Jarrius Glenn Jackson
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Candida Nichaeal Johnson
Erick Cabuya Kabananigi
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Cooper Konrad Loncar
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Rachel Melton
Wendy Montez
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Ethan Lantz Peterson
Kendal Ann Psutka
Leslie Quintanilla
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Robert Montgomery Riza
Jennifer Rubio
Donna Snyder
Arden Margret Olga Stehling
Evan Dean Thompson
Gavin Gibbs Walker
Codie Allen Wells
Christy Marie Werner
Brandon Sean Williams
Ryan Bradley Williams
Avery Elizabeth Wright

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UNIVERSITY STUDIES
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Abigail Amanda Felps
Adriana Llanas
Justin R. McCall
Paige Morgan McCauley
West Marshall Reddell
Kathryn Nicole Stewart
Madeline Marie Vela
Marissa Clare Zoch

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ART
Alyssa Noel Smith-Reese
Paige Allison Barger

DANCE
Emily Marie Peek
Michael Anthony Werner

BACHELOR OF FINE ARTS
ART
Taylor Shae Lindstrom
Michelle Shinn
Breanna Elsa Velasquez
Hannah Noelle Willstrop
Paxton Elise Yeager

BACHELOR OF MUSIC
Samuel Thomas Acosta
John Michael Alvarado
Jasmine A. Andrade
Dillon McDowell Junkin
Mykel Ilyse McDonald
Blake Shawn Wells

BACHELOR OF SCIENCE
UNIVERSITY STUDIES
Andrew Everett Daws
Zachary Dale Donica
Daniel Edward Kern
Leao Cumbo Lubongo
Braun Marcus Marquez
Dillon Wade Morrow
Kevin Michael Mosher
Celeste Soloya
Timothy Koy Stone

WIND ENERGY

1 Summa Cum Laude 2 Magna Cum Laude 3 Cum Laude 4 With Honors 5 With Highest Honors
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-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 College of Agricultural Sciences & Natural Resources was one of the four founding schools of the university in 1924. The college banner was redesigned for use in the May 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 Administration 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 logo 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 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 J.T. & Margaret Talkington College of Visual & Performing Arts banner is black with a blue drape surmounted by a silver swathe that evokes the creative energy infused in all the arts. 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 School 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 & 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 University’s August 2020 Virtual Commencement Ceremonies are available at http://www.ttu.edu/livestream/.
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 lyrics of the school song, which was penned in 1930. Page from 1936 Student Handbook courtesy of the Southwest Collection.