Commencement

FALL 2019
Lubbock, Texas
December 13-14
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### 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.
### TEXAS TECH UNIVERSITY SYSTEM

#### CHANCELLOR / BOARD OF REGENTS

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### ACADEMIC OFFICERS

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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.
Friday, December 13, 2019
2:30 p.m.

Presiding
Dr. Lawrence Schovanec
President, Texas Tech University

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

National Anthem
Mr. William Henrik Zetterstrom
Graduating with a Bachelor of Music

Welcoming Remarks
Mr. J. Michael Lewis
Vice Chairman, Board of Regents, Texas Tech University System

Introduction of Commencement Speaker
Dr. Lawrence Schovanec

Commencement Address
Mr. Chris Snead
Vice President of Operations of the Texas Tech University Alumni Association

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

Presentation of Bachelor’s Degree Candidates
Dr. Stefanie Borst
Associate Academic Dean, College of Arts & Sciences
Dr. Jesse Perez Mendez
Dean, College of Education
Dr. Noel Zahler
Dean, J.T. & Margaret Talkington College of Visual & Performing Arts

Recognition of Outstanding Students
Class of 2019
Dr. Michael Galyean

Charge to the Graduates
Dr. Lawrence Schovanec

Alma Mater
(Words on Back Cover)

Recessional*
Texas Tech Commencement Band

* Please remain seated during the Processional and Recessional
Friday, December 13, 2019
7:30 p.m.

Presiding
Dr. Lawrence Schovanec
President, Texas Tech University

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

National Anthem
Mr. Jarrett Nolan Hatcher
Graduating with a Bachelor of Music

Welcoming Remarks
Ms. Ginger Kerrick
Board of Regents, Texas Tech University System

Introduction of Commencement Speaker
Dr. Lawrence Schovanec

Commencement Address
Mr. Chris Snead
Vice President of Operations of the Texas Tech University Alumni Association

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

Presentation of Doctoral and Master’s Degree Candidates
Dr. Mark Sheridan
Vice Provost for Graduate and Postdoctoral Affairs;
Dean, Graduate School

Recognition of Outstanding Students
Class of 2019
Dr. Michael Galyean

Charge to the Graduates
Dr. Lawrence Schovanec

Alma Mater
Mr. Jarrett Nolan Hatcher
Graduating with a Bachelor of Music

( Words on Back Cover )

Recessional*
Texas Tech Commencement Band

* Please remain seated during the Processional and Recessional
Saturday, December 14, 2019
9:00 a.m.

Presiding

Dr. Lawrence Schovanec
President, Texas Tech University

Processional*

Texas Tech Commencement Band
Dr. Sarah McKoin, Conductor

National Anthem

Mr. William Henrik Zetterstrom
Graduating with a Bachelor of Music

Welcoming Remarks

Mr. Christopher Huckabee
Chairman, Board of Regents, Texas Tech University System

Introduction of Commencement Speaker

Dr. Lawrence Schovanec

Commencement Address

Mr. Tom Stone
Head Coach for TTU Soccer

Conferring of Degrees

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

Presentation of Bachelor’s Degree Candidates

Dr. Nurcan Bac
Senior Associate Academic Dean, Edward E. Whitacre, Jr.
College of Engineering
Prof. Mitzi Lauderdale
Associate Academic Dean, College of Human Sciences
Dr. Patrick Hughes
(presenting University Studies and Wind Energy degrees)
Vice Provost for University Programs and Student Success

Recognition of Outstanding Students
Class of 2019

Dr. Michael Galyean

Charge to the Graduates

Dr. Lawrence Schovanec

Alma Mater
(Words on Back Cover)

Mr. Jarrett Nolan Hatcher
Graduating with a Bachelor of Music

Recessional*

Texas Tech Commencement Band

* Please remain seated during the Processional and Recessional
Saturday, December 14, 2019
1:30 p.m.

Presiding
Dr. Lawrence Schovanec
President, Texas Tech University

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

National Anthem
Mr. William Henrik Zetterstrom
Graduating with a Bachelor of Music

Welcoming Remarks
Mr. J. Michael Lewis
Vice Chairman, Board of Regents, Texas Tech University System

Introduction of Commencement Speaker
Dr. Lawrence Schovanec

Commencement Address
Mr. Tom Stone
Head Coach for TTU Soccer

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

Presentation of Bachelor’s Degree Candidates
Dr. Margaret Williams
Dean, Jerry S. Rawls College of Business Administration
Prof. Jim Williamson
Dean, College of Architecture
Dr. David Perlmutter
Dean, College of Media & Communication
Dr. William Brown
Dean, College of Agricultural Sciences & Natural Resources

Recognition of Outstanding Students
Class of 2019
Dr. Michael Galyean

Charge to the Graduates
Dr. Lawrence Schovanec

Alma Mater
(Words on Back Cover)

Recessional*
Texas Tech Commencement Band

* Please remain seated during the Processional and Recessional
Christopher Snead is the Vice President of Operations for the Texas Tech Alumni Association where he has been employed for over 20 years. He is a 1995 graduate of Texas Tech University with a bachelor’s degree in technical communication. He also serves as the Vice Chairman of the College Baseball Foundation and on the boards of Fellowship of Christian Athletes. Snead has been publicly recognized for his dedicated service to Texas Tech. In 2017, he received the “Pursuit of Excellence” award from the Office of Transition and Engagement, and in 2016, he was tabbed with the “Inclusive Excellence” award from the Office of Diversity and Community Engagement. He is recognized at Texas Tech as an honorary varsity letter winner in baseball, an honorary Saddle Tramp, and a member of the Matador Society.

Most notably, Mr. Snead is a football official in the Southeastern Conference where he has been selected to work multiple post season assignments, including the SEC Championship games in 2016 and 2018, the Rose Bowl and College Football Playoff Semifinal in 2015, and the Orange Bowl in 2017. In 2016, the National Football Foundation named him the Outstanding Official of the year.

Snead is a distinguished alumnus of Alpha Kappa Psi Professional Business Fraternity as well as J.M. Hanks High School in El Paso, Texas. He has been recognized by the Young Professionals of Greater Lubbock, Inc. as one of Lubbock’s Top 20 Professionals Under 40 and was also tabbed a National Education Alumni Trust Scholar. He was named a Paul Harris Fellow by Rotary International, and he is the author of the critically acclaimed book, The Bleacher Bible.

Tom Stone was named the fourth head coach in Texas Tech soccer history on May 25, 2007. Prior to his arrival at Texas Tech, the team had a record of 6–63–1 in Big 12 play and had gone 0-10-0 in conference four of the previous six seasons. In Stone’s first year and a half as coach, the team quickly matched that win total, going 6–5–1 in conference play. In 2010, the Red Raiders went 11–8–1, marking the program’s third-ever winning record and first in 15 seasons. Two years later, the Red Raiders made the NCAA Tournament for the first time in program history. In 2013, the Red Raiders made another appearance in the second round after recording a program-record 18 wins. In 2014, Stone’s squad won 16 games and climbed as high as sixth in the national coaches’ polls before advancing to the program’s first-ever Sweet Sixteen. For the breakout campaign, he was named the NSCAA Central Region Coach of the Year.

In 2015, the Red Raiders won their first-ever Big 12 Championship, defeating Kansas 1-0. The year also saw Stone pick up his 100th win at the helm of the Red Raider program when the team beat South Florida 2-1. The Red Raiders went .500 the following two seasons, and in 2018 went 14-5-3, beating a program-record four ranked opponents and leading the nation in shutouts with 14 in the process. As of 2018, Stone has led Texas Tech to the NCAA Tournament in six of the last seven seasons.

Stone was named an All-American soccer player in high school and then went on to play for Duke from 1984-1987. He was a three-time First Team All-ACC selection, picking up the honors his freshman, junior, and senior seasons. Stone’s breakout year came in 1986 as a junior when he tallied 16 goals, the second-most in a season in program history. He also assisted on four goals to bring his points total to 36, the ninth-most in program history.

Stone’s first coaching job was as a part-time assistant at the University of Denver in 1996 and as a volunteer assistant at Duke in 1997. Then, from 1997–2000, Stone coached girls’ soccer for the Colorado Rush youth soccer club. Under his leadership, the team won 35 state cups, 12 regional championships, and eight national championships. He left the Rush to coach professionally in the Women’s United Soccer Association. He led the Atlanta Beat to the league’s inaugural championship game, losing in overtime to the Bay Area CyberRays.

Stone returned to college coaching in 2006 when he was hired as an assistant for the Clemson Tigers. He spent one year there, helping the Tigers to an 11-8-4 record and an appearance in the Elite Eight of the NCAA Tournament.
The commencement music ensemble is comprised of students from the Texas Tech University School of Music under the direction of Dr. Sarah McKoin. Their participation is funded through the auspices of the Office of the President, Texas Tech University.

CONVOCATIONS COMMITTEE
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Dr. Marcus Tanner, Co-Chair
Mr. Ian Barba
Ms. Shelley Barba
Mr. Jacob M. Baum
Mr. Jordan Bell
Dr. Shane Blum
Dr. Rhonda Boros
Dr. Valerie Borum
Dr. Alec Cattell
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Ms. Courtney Seely
Dr. Walter Smith
Ms. Stephanie Soto
Ms. Carrie Syma
Mr. Jake Syma
Dr. Leslie Thompson
Dr. Susan Tomlinson
Mr. Von Venhuizen
Dr. Jian Wang
Mr. Seth Warren-Crow
Dr. Richard Watson
Dr. Lynn Whitfield
Ms. Feruzan I Williams
Ms. Heidl Winkler
Dr. Aliza Wong
Ms. Kiley Yonavich

MUSIC ENSEMBLE

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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

7:30 P.M., DECEMBER 13 ...................................................... KAJ GITTINGS, PH.D.
Associate Professor of Economics
College of Arts & Sciences

Undergraduate Ceremonies

2:30 P.M., DECEMBER 13 ............................................... JON MCNAUGHTAN, PH.D.
Assistant Professor of Educational Psychology and Leadership
College of Education

9:00 A.M., DECEMBER 14 ........................................... KURT CASWELL, M.F.A.
Professor and Director of Honors Arts and Letters
Honors College

1:30 P.M., DECEMBER 14.................................................. SAMUEL JACKSON, PH.D.
Associate Professor of Animal and Food Sciences
College of Agricultural Sciences & Natural Resources

GRADUATION HONORS

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

Juan Francisco Alvarez
Kurt Michael Callegari
Abigail Elizabeth Chase
Matthias Andrew Contreras
Hannah Leigh Decker
Sarah Elizabeth Dishongh
Ashley Nicole Elliott
Robin Marie Elliott
Hemra Esenyyazov

Hannah M. Estes
Andrew Don Fields
Isabelle Simone Geoffrion
Jean-Christian A. Guiton
Sherri Ann Halsted
Joshua Eli Harvill
Sarah Elizabeth Hirsch
Khang Huynh
Stephanie Paige Kuzmack

Ayla Lucille Lopez
Ash Malhotra
Jennifer Anna-Marie Martin
Erica D. Mayo
Presley Kate McNeely
Alyssa Victoria Patterson
Cole Thomas Perkins
Kariele Arlene Roach
Nicole Noelle Rochelle

Yana Romo
Alexia Sawyer
Alyssa Paige Soles
Kelsie Lee Tackitt
Bailey Nichole Tanguma
Emily Noelle Wade
Haven Day Middleton Walker
Amber Nicole Wallace
Michael Austin Willis
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.
Jennifer Erin Hewitt  
**Dissertation:** Development of *C. elegans* as a Model Organism for Duchenne Muscular Dystrophy using a Novel Multi-environment Phenotyping Framework  
**Major Professor:** Siva Vanapalli

Harnoor Kaur  
**Dissertation:** Local Composition Activity Coefficient Models for Mixed-Gas and Liquid Adsorption Equilibria  
**Major Professor:** Chau-Chyun Chen

Yong Joon Lee  
**Dissertation:** Solid-State Phase Transition Kinetics of Organic Molecules with the Application of AFM  
**Major Professor:** Brandon L. Weeks

Qi Li  
**Dissertation:** Micro-Rheological Investigations of Colloidal Systems  
**Major Professor:** Gregory B. McKenna

Madhusudhan Reddy Pallaka  
**Dissertation:** Calorimetric Characterization of Nanoconfined Melts, Glasses and Reactive Monomers  
**Major Professor:** Sind Dee L. Simon

Mohammed Mustafizur Rahman  
**Dissertation:** Dehydroaromatization of Methane Over ZSM-5 Supported Molybdenum Carbide Catalysts  
**Major Professor:** Sheima Khatib

Sheik Mohammed Saeed Tanveer  
**Dissertation:** Thermodynamic Models for Major Electrolytes and Swelling of Hydrogels in High Salinity Produced Water  
**Major Professor:** Chau-Chyun Chen

**CHEMISTRY**

Miranda Crawford Andrews  
**Dissertation:** Computational, Synthetic, and Spectroscopic Investigations of Molecular Switches, their Effects on Pendant Groups, and their Abilities to Form and Affect Measurable Changes in Supramolecular Assemblies  
**Major Professor:** Anthony F. Cozzolino

Patrick Jordan Larson  
**Dissertation:** Catalysis in Metal-organic Frameworks Using Pendant and Linker Hydroxyl Sites  
**Major Professor:** Anthony F. Cozzolino

Ying Liang  
**Dissertation:** Vibrational Spectroscopy in the Study of Ionomer Material Properties  
**Major Professor:** Carol Korzeniewski

Nadeesha Jayani Silva  
**Dissertation:** Molecular Electronic Properties and Inter-Molecular Interactions in Various Polymers  
**Major Professor:** Clemens Krempner

Jingfu Zhao  
**Dissertation:** Sensitive Analysis of Proteins and Glycoproteins Derived from Biological Samples: Quantitative Proteomics and Glycoproteomics by LC-MS/MS  
**Major Professor:** Yehia S. Mechref

**CIVIL ENGINEERING**

Junxuan Zhao  
**Dissertation:** Exploring the Fundamentals of Using Infrastructure-based LiDAR Sensors to Develop Connected Intersections  
**Major Professor:** Hongchao Liu

**COMPUTER SCIENCE**

Vibhuti Gupta  
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**Major Professor:** Rattikorn Hewett

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**Dissertation:** The Criminogenic Needs of Female Offenders: Relationships between Criminal Risk Factors and Recidivism  
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**COUNSELOR EDUCATION**

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**Dissertation:** Elementary Teacher Perceptions of the Role and Function of the Professional School Counselor: Experiences and Collaboration  
**Major Professor:** Charles Crews

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Thesis: Microbial Growth and Shelf-life Study on Pork Loins by the Application of Different Antimicrobials
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Thesis: Jet Stability in Yield Stress Materials

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Thesis: Conservation and Geographic Distribution of Crocodylians in Bolivia (Caiman Yacare, Caiman Latirostris, Melanosuchus Niger, Paleosuchus Palpebrosus, Paleosuchus Trigonatus)

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Paola Melissa Moncada Muñoz
Thesis: Antimicrobial Resistance in Honduran Salmonella and in Escherichia Coli Recovered from Cattle in the U.S.
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Thesis: Efficacy of UV Light, Photohydroionization* and Beefside* on Reducing Escherichia coli O157:H7 on Beef Trimmings Used in Ground Beef Production
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Eric Ivan Mitchell  
Christina Marie Rigo
The bachelor's degree represents completion of a four-year course of college-level study and is the oldest academic degree awarded by American institutions of higher learning.

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

![Texas Tech University College of Agricultural Sciences & Natural Resources]

**BACHELOR OF SCIENCE**

**AGRICULTURE**

- AGRIBUSINESS
  - Zachary Edward Bishop
  - Jared Scott Frankhouser
  - Alexandra Paige Harrell
  - Jonathan Dylan Hester
  - Layton Dale Sisemore
  - Paul Andrew Wood

- AGRICULTURAL AND APPLIED ECONOMICS
  - Eric Allen Baker
    - 2nd Degree: General Business
  - Kayla Renee Banks
    - 2nd Degree: General Business
  - Alyssa Brooke Barton
  - Will Bailey Baumgardner
  - Autumn Mae Beaupré
  - Nicholas Stuart Brophy
  - Tyler Drew Clark
  - Kade Rance Cotton
  - Kaleb William Curry
  - Justin Craig Davis
  - Carter Phillip Estes
  - Thomas Sullivan Foster
  - Corey Allen Furr
  - Gregory Grant Gilbert
  - Jonas Handt
  - Justin Kirt Harth
  - Ryan Thomas Heinrich
  - Nicholas Ryne Howerton
  - James Connor Kinzie
  - Kyle Andrew Lanier
  - Landon Jacob Lanier
  - Tyler Wayne Largent
  - Tylor Ann Ledford
  - Eugene David Lee
  - Cameron James LeFan
  - Charles Hall Levisay
  - Kelton Ray Matthews
  - Sarah Elizabeth Pennington
  - Austin Craig Reeves
  - Tristen Gauge Snodgrass
  - William Palmer Somwell III
  - Luke M. Thomas
  - McKenna Faye Yauck

- AGRICULTURAL COMMUNICATIONS
  - Hannah Rae Dast
  - Julie Lynn Gee
  - Hope Madison Huneke
  - Abigail Catherine Maresca
  - Renee S. Molloy
  - Maggie Jean Pipkin
  - Abby May Rollwitz
  - Alyssa Paige Soles
  - Douglas E. Stephens
  - Emily Noelle Wade

- AGRICULTURAL EDUCATION
  - Peyton John-Alois Curry
  - Jessica Jewel Dorsey
  - Elizabeth Ann Dougherty
  - McClendon Ray Hill
  - Victor Hugo Pinto II
  - Kyley Lanette Riedt

- ANIMAL SCIENCE
  - Courtney Alene Archer
  - Darian Ashley Berend
  - Warren Jonathan Billard
  - Amanda Lee Brandenburg
  - Grayson Andrew Briney
  - Noah Gannon Bullard
  - Madeleine McKinzie Caffey
  - Justin Thomas Carroll
  - Samantha Josephine Clarkson
  - Weston Delbert Cleveland
  - Mackenna Lee Davison
  - Julia Fay Edrington
  - Brooke Elaine Erdman
  - Addison DarLynne Fjelstad
  - Crista Bella Flores
  - Dyllan Martyn Galligan
  - Sherri Ann Halsted
  - Hannah Riley Harken
  - Bradley Blake Harris
  - Shavna Raye Hathcock
  - Callie Dean Hawkins
  - Timothy David Heinrich
  - Briana Joy Holland
  - Alexandra Kathleen Holmes
  - Sarah Jane Huey
  - Elizabeth Cordelia Hynum
  - Natalie Lynn Jameson
  - Reagan Renay Langemeier
  - Wesley Brooks Lindley
  - Kenisha A. Martin
  - Miranda Inez Morin
  - Colton Wyyat Mulanax
  - Adaee Abigail Ogbonna
  - William James Pettit
  - Ana Elizabeth Prickett
  - Sophia Corinne Ramon
  - Mary Catherine Joan Reitmeyer
  - Roxanne Sanchez
  - Kodie Faith Sears
  - Madalynn Marie Thamm
  - Madison Elaine Warner
  - Cassidy Kay Williams
  - Merah Kathleen Winters Barbee
  - Savannah Claire Wood

**CONSERVATION LAW ENFORCEMENT**

- Jeremy Lee Barcomb

**FOOD SCIENCE**

- Alejandro Hernandez
  - Russell Edward Waterman

**PLANT AND SOIL SCIENCE**

- Bryan Allen Battle
  - Jonathon Phillip David Bentley
  - Ana Alejandra Chavez
  - Cayde Lewis Christie
  - Haley Nicole Ditzenberger
  - Tyler Cole Eubank
  - Madison Diane Galbraith
  - Saybra Morgen Hahmann
  - Austin Luke Hargrove
  - Sarah Honardar
  - Darby Lynn Johns
  - Caroline Elizabeth Jurca
  - Thomas DeCal Matson
  - Jonathan P. McClellen
  - Stephanie Nicole Montanez
  - Ethan Andrew Placke
  - Austin Andrew Russell
  - Emma Madeleine Sanchez
  - Coleman Taylor Stilwell
  - Logan Lee Vollenente
  - Candice Elizabeth Zuniga

**NATURAL RESOURCES MANAGEMENT**

- Christopher Daniel Bergman
  - Marvin Anthony Borth
  - Stephanie Monroe Bushue
  - Alexander Spencer Dace
  - Hannah Leigh Decker
  - Kimberly Elyshia Diaz
  - Danielle Marie Dunn
  - Emory Quain Geye
  - Scott D. Handley
  - Paxton Elizabeth Hughes
  - Anglai Zizely Jimenez
  - Cameron Mitchell Krenek
  - Mariah Mensa
  - Tanner Clay Newsom
  - Rebekah Adriana Ortiz
  - Clayton Ross Owens
  - Corey Jack Pritchard
  - Travis Colby Tucker
  - Jake Branson Weatherford
  - Sadie Rose Whempner
  - Carlie Shee Witte
  - James Patrick Wood
  - Robert Lazenby Wright III

---

1 *Summa Cum Laude* 
2 *Magna Cum Laude* 
3 *Cum Laude* 
4 *With Honors* 
5 *With Highest Honors*
TEXAS TECH UNIVERSITY

College of Architecture

BACHELOR OF SCIENCE

George Zachary Acosta
Dennis Joe Adrole
Dannette Alekseva Aguirre Tizatl
Edmundo Apodaca
Haley Nicole Arthur
Rogelio Isaac Arzate
David Michael Autry
Matthew Joel Berry
Joseph Charles Bondi
Ryan Christopher Bradley
Jonathan Calix
Giovanni Carrillo
Victoria Marie Carter
Jessica Lizette Castro
Jarett Michael Church

2nd Degree: Civil Engineering

Lydia Joy Congdon
Kyle Ellis Crosby
Nicholas Aric David
Ciara Nicole DeBusk
Mark Joseph Eisenmann
Alexander John Erbe
Damon Gage Evans
James Andrew Everett
Morgan Grace Fewer
Evans Francis Feller
Brandon Casey Geiger
Dania Misol Gutierrez
Amir Sam Halabi
Sierra B Honesto
Brooke Alene Lindsey
Jordan Kyle Monroe
Isabel Maura Manahil

Destiny Marissa Escolastica Marcum
Christopher Jason Matthews
Martin Gildardo Merino
Sarah Theresa Miley
Mason Olivia Mitchell
LeAnna Desirea Morones
Robert Pantoja
Valeria Jasmino Portillo
Shania Brooke Reeves
John Sebastian Reyes
Jacob Dor Schentes
Matthew Michael St. Jacques
Tyler Austin Stecker
Jared Henry Tejeda
Ariel Alexis Toledo
David Adam Torres
Nicolas Trevino
Samuel Ekette Umoh
Landon Derrick Wade
Hunter Elizabeth Wancho
Travis Levi Whitehead
Zequiang Zhu

Alaura Leigh Holder
2nd Major: History
Charles Justin Holt
Andrew Michael Koontz
Jade Ariana Lopez
Ashley Guadalupe Morales
April Mae Nairaez
Leila Guadalupe Sotoelo
Lauren Leighann Swanson
2nd Major: Psychology

BIOCHEMISTRY
Christian Evan Crawford
Taylor Renee Maynard

CHEMISTRY
Mohamed Sead Berkaat
Jeffrey Peyton Bryan
Natalie Marissa Daniel
Emyi Ngozi Dennar
Charles Tanner Hill
Zachary Nathaniel Molina

ECONOMICS
Arvis Antonio Alarcón
Cole Nathaniel Billingsley
Matthew Aaron Brin
Cole Keith Byerly
Joseph Campos
Ty Harrison Crowner
Cade Harrison Culver
Naval Saleh Elzenzi
Chris Michael England
Natalia Bianca Holguín
Tyler Patrick Hughes
Wade Marshal Kurio
Bryce Austin Matthews
2nd Major: Political Science
Olivia Lynn Nartker
Sarah Grace Parks
Justin Paul Reed
Elmer Alexander Rivera Palacios
Brittany Marie Tedwill

ENGLISH
Vanessa Andazola
Melissa Grace Beal
Kaleigh Danielle Brillon
Hali Salome Cardenas
Ashley Nichole Crawford
Mary Conner Duffee
Victoria Jane England
2nd Major: Psychology
Andrew Don Fields
McKaela Jewell Hockenberry
Katelyn Elsseye Horn
Javonte Dean Jones
Joy-Amal Ahmad Kurdi
Lauren Margaret Lopez
Tabatha Ashley Miller
Makenzee Suzanne Parkinson
Iris Britannay Rangel
Alyssa-Dawn Gaylene Robbins
Lauren Elizabeth West
Amanda Ciara Ynfante

GEODESY
Juan Francisco Alvarez
Isaac Raul Carreon
Christopher John Cunningham
Skye Layne Gaddis
Joel Navarrete

GEO SCIENCES
Omar Vernon Antoine

GLOBAL STUDIES
Veronica Marie Dolle
Ash Malhotra
Mary McKenna Isabella Martinez
Dalton Wyatt McNallen
Larenda Jo Reyes
Ashley Lauren Rivera
2nd Major: History; 3rd Major: Political Science

HISTORY
Jonathan Daniel Alaniz
Collin Rigby Belcher
Nicholas Dominique Bueno
Christiana Victoria Candea
Emily Cheyenne Cannell
Averee Rose Curlee
Cheyenne Park Davis
Alexa Linda DeMars
Hope Margaret Devenery
Warren Riley Farmer
Darbi Kendall Finney
Rachelle Danee Fleenor
William Matthew Fox
Joshua Travis Franks
James Avery Fulton
Oscar Joel Gallegos
John William Gross
Marcos Antonio Gutierrez
Connor Lee Heath
Connor Williamson Hughes
Jordin Taylor Jones
Trenton William Jones
Joseph Wood Kimzey
Hailey Christine King
Isabelle Danielle Lopez
Dakota James Marker
Kiahna Renee Marroquin
Rafael Aaron Martinez
2nd Major: Political Science
Brendan Christopher Miller
James Wendell Parsons
Alexander Maxwell Reihsen
Lexee M Shain
Michael Dillon Stallings
Rebecca Haven Vollenweider
2nd Major: Languages and Cultures

Steven Andrews Wilkie
Alyse Taylor Wilson
2nd Major: Political Science
Samuel Wayne Young

LANGUAGES AND CULTURES
Ashley Jennifer Anderson
2nd Major: Psychology
Kathryn Louise Esparza
2nd Major: Political Science
Patricia Noy Krause
Veronica Marie Moreno
Emre Cansiz Ozsoy
Yana Romo
2nd Major: Spanish

TEXAS TECH UNIVERSITY

College of Architecture

BACHELOR OF ARTS

ANTHROPOLOGY
Janis Abriana Christophe
Katrina Nicole Contreras

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

MATHEMATICS

Trivor Paj Adams
David Matthew Barry
Eileen Nicole Barry
Yarizka Becerra
Harrison Lisiate Bennett
Terence Evan Cox
Eddie Jay DeLeon
Shadi Disi
Alexandra Nicolette DiTucci
Brandon William Flores
Abigail Beanei Garza
Anquanette Shantrelle Harris
Shannon Aubrey Littlefield
Leonel Madrid
Kelly Lane Mason
Alexander Crear Morgan-Fleming
Marcus Aaron Rodriguez
Dustin LaRue Sheets
Haven Day Middleton Walker

PHILOSOPHY

Jonathan Taylor Andrew
Michelle Joanne Corcoran
Jada Gaines Douglas
2nd Major: Psychology
Deborah Omolade Gbadebo
Zachary Reames-Zepeda
Brant Asher Stockford

POLITICAL SCIENCE

Prewett Taylor Asher
Damajion Tahir Breerton
Harlea Zane Burleson
Kodi Dewayne Casey
Graciela Consuelo Castillo
Meagan Nicole Cervantes
Nehemiah Wesley Chastain
Natalie Renee Guerra
Kevin Scott Harrison
2nd Major: Psychology
Andrea Chanel Hatcher
Kianna Hope Hatfield
Levi Darby Henderson
Robert Pryse Heydenreich
Hudson Bolton Hill
Ross Evan Johansen
Francois Pierre Jones
Trivor Paj Adams
Jared Michael Marlin
Sophia Ellen McGrath
Kenyan Chase Lee Medley
Jesus Manuel Molinar
Arnold Anthony Olivas II
Stephen Matthew Pouria
Dalton David Powell
Shane William Rae
Brandon P Roundtree
Christopher Robert James Scott
Tihana Stojsavlievic
Taha Mubhib Taha
Chase Bartlett Thompson
Stephen Tresscot Trevino
Dakota Cameron Tucker

PSYCHOLOGY

Hadel Ayman Al-Mubiajin
Dylan Reid Bomberger
2nd Degree: Biology
Cassandra Alexis Borunda

Gregory Michael Bly
2nd Major: Sociology
Kiana Agnes Caruso
Robert Chavez Jr
Reata Gene Collins
Kaylee Elizabeth Cook
Maegan Elaine Cunningham
Ryan Jude D’Souza
Hannah Alexis Darter
Crystal De Lira
Christina Christabel Aysiah Eysen
Robin Marie Elliott
Chelsea O’Emmanuel
Caitlin Vanessa Franco
Darian Corrine Gamez
Zephan Andre Garcia
Marissa Celeste Garza
Ashron KeShon Gee
2nd Major: Spanish
Juliette Kathryn Gould
Madison Lyn Gotthardt
Jarah Ashlyn Grover
Amatun Ananya Haque
Christine Rasmussen Hay
Jake Neal Hays
Kaelyn Margell Helm
Blakely Suzann Hernandez
Savannah Nicole Hertridge
Sarah Elizabeth Hirsch
Nicholas Michael Johnson
Nagarani Kamarapu
Gertrude Wanjiru Kamau
Eric Daniel Kraus
Ryleigh Noel Krier
Adrian Cruz Lawrence
Allen Dexter Levier, Jr
Tylah Shevez Liggans
Amber Rae Lopez
Cameron Olivia Lorenz
Jacob Joel Love
Austin Lee Loveless
Andrea Marie Lozano
Nicole Ann Lukie
Logan Jenelle Luna
Alyssa Leialoha Matsler
Emma Jean McCrady
Erika Christene McDaniel
Elizabeth Gene Minger
Caitlyn Melaine Morgan
Sara Christina Naugle
Jose Antonio Nunez
Gabriela Olivares
Abryl Olivas
Amaris Giselle Ordonez
Jason Wright Mogaka Ototo
Maxwell Lindsay Parsons
Kajal Kamlash Patel
Michael Townes Peck
Steven Ray Posada
Samantha Marie Raich
Senaah Lavon Railey
Jacqueline Ramirez
Jonathan Alexander Rodriguez
Bailey Nicole Smith
Marissa Rene Solis
Jade Song Spicer
Adrianah Alice Tarver
Cynthia Torres-Sesmas

Kinsee Larae Tumlinson
Eric Thomas Urias
Martina Rosario Velasco
Shaneece Muthoni Waweru
Nathan Conner Whirley
Stephen Thomas Williams
Hannah Elizabeth Yount

SOCIAL WORK

Dylan Scott Blair
Aubrey Elizabeth Brozo
Preston Casey
Barbara Catalina Gonzalez Jimenez
Paula Balbina Gonzalez Jimenez
Emma Rae Hightower
Andrea Lee Montemayor
Brooke Arin Woelfle

SOCIOLGY

Christopher Anthony Adams
Angelina Ariel Alegre
Amelia Dora Alvarez
Chandler Symone Atwood
Mariapia Frigilliana Basto
Cole Alexander Blaylock
Emily Jane Bowman
Erik Wayne Bray
Jarrod Aven Dawson
Rebecca Erin Elmas
Cameron Paul Farrell
Walter Chad Foley
Ana Patricia Gomez
Lisa Marie Gonzales Betancourt
Tishonnia Lashia Hollins
Audrie Danyel Llamas
Michael James Marin
Leonel Eduardo Martinez
Ivanna Lea McKinney
Luciano Ortiz
Anna Mae Pollard
Kelsey Ashton Quisenberry
Estephanie Solis
Christopher Jared Stadtfeld
Estefania Venegas
Emma-Rae Alexandra Ward
Drew Thomas Whelan
Francesca Beth Williams
Tariana Elise Yates

SPANISH

Anahli A Rey
Elizabeth McCall Andersen
Allison Leann Pedroza
Sanjuanita DeLeon Valenciano

BACHELOR OF GENERAL STUDIES

Nicholas Alexandre Andersen
Grace Margaret-Macel Andrews
Angela Anderson Ashford
Marcella Jolene Belli
Sabrina Julia Blount
Margaret Alison Boomer
Dalton Paul Bristow
Frank Brown
Hannah Victoria Brown
Nalani Lee Brown
Valerie Olivia Castañeda

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

BIOCHEMISTRY
Corey James McDonald¹
Nhu Nu Quynh Nguyen⁴

2nd Major: Cell and Molecular Biology

BIOLOGY
Kimberly Jessica Abella
Christopher Thomas Adams
Jaxon Cole Armstrong
Awais Arshad
Fabiola Arzate
Zackary Dean Batchler
Grant Tyler Golder
Taylor Ray Goodfellow³
Myles Brion Guillory
Hope Sterling Harris
Jenna Frances Hefele¹
Ketsia Kimbimbí
Matthew Nicholas Martinez⁴
Rylie Brook McGinnis⁴
Heather Irene Medina
Robert Leyton Mendez
Leticia Mendoza
Cerjio Homero Molinar³
Jeremie Paul Morris³,⁴
Kaitlyn Noel Mowery
Jennifer Elaine Natal De La Guardia
Gilbert Ogunmokun
Abigail Grace Osborne⁴
Alyssa Victoria Patterson¹,⁴
Darian Rose Puente
Mikayla Marie Racson¹
Ireland Ellyse Reinhart
Hayden Blaine Ritter¹,⁴
Saúl Enrique Rodríguez
Kodeelane Rust
April Judith Sanchez
Tyler Franklin Simoenek
Lawson Maxwell Sittre
Emily Marie Torres
Madison Rae Valdez
Irene Vasquez
Edgar Y Omar Windom

CELL AND MOLECULAR BIOLOGY
Josef Fabian Fowler

CHEMISTRY
Asiegba Anya
Lance Pierce Blair
Evan Matthew Boneta
Jacob Robert Dotterer
Merrilyn Duarte
Raquel Lilly Frantz³
Daisy H Huynh
Robert Clinton Wood

ECONOMICS
Blake Edward Beal³
John Henry Gerold
Robert Alexander Gray
Sydney Kiyoko Manning

GEOSCIENCES
Vince Irvin Pascual Amurao
Christopher Ryan Boudreaux
Juan Manuel Colmenero
Zhaccierra Georgina Kanari
Nilsandra Liria Silva
Robert Ren Yao

KINESIOLOGY
Hailee Jean Adams
Lauren Allyson Alonzo
Brianna Christian Amaya
Austin Craig Andrews
Arzoo Bains
Aubrea Zoe Bean
Melissa Bellou³
LaGrante Dimitri Birth
Isaac Scott Bockhoff
Justin Tyler Cagle
Natasha Nicole Camarillo
Sarah Elizabeth Amanda Anne Carter³
Elijah James Castillo³
Karanne Elizabeth Charo
Abigail Gayle Elizabeth Chase¹
Jesus Alejandro Chee-Cabrera³
Matthias Andrew Contreras³
Maverick Cunigan
Chelsea Lynn Daniels
John Cristian De Santiago
Elizabeth Brook Dixon⁴
Jett Luddy Duffey
Kyle Austin Figg
Eriahna Jon Flores¹
Steven Gerald Fontaine
Madilynn Ann Foster
Madison Rose Frost³
Addison Brooke Fuller³
Hadleigh Rene Garza
Brice Everett Gibbons
Ryan Thomas Gillispie
Marianna Nicole Gomez
Anissa Noelle Guerrero
Dax Compton Haight
Bryce Anthony Harrison
Breanna Hendricks
Steven Honts
Grant Ryan James
Baylor Andrew Johnson³
Melissa Mary Kaminski
Britney Cheyenne Kiser
Reed Murdock Knittle
Tara Kay Licon
Ayla Lucille Lopez¹
Estevan Riley Lopez
Varsha Reddy Madipadga
Karla Martinez
Keyston James McMillion
Daniel Joseph Mendoza
Christian Patrick Moulton
Kadima Muankesee
Stephen Kangerthe Muriha
Katherine Jean Newton
Muhammad Saleh Kida Nur
Rosie Padilla
Lorena Peña
Paul Xavier Perez
Luis Edgar Perez, Jr.
Brianna Michelle Perry
Benjamin Julio Pesina
Logan Chase Pierce
Victoria Jan Rautbort
Lauren Madison Record
Alex Xavier Reyes
Kristen Renee Riffe
Marissa Elaine Rojo
William George Rose
Hector Alexis Sagrero
Preston Scott Scaff
Brent Nicholas Silvas
Pedro A Silvestre-Luevano
Paige Nicole Smith
Kelsie Lee Tackitt
Haley Gayle Thomack
Gabrielle Burchett Toombs
Taylor Renee Trevino
Claire Peyton Underwood
Ashley Nichole Valderaz
Ryan Dwight Vereen
Emily Mae Webb
Madison Noel White
Alana Maria Wilcher
Dustyn Marie Willard
Barbara Nichole Williams
Michaela Tennille Williams
Valerie Noel Williams
Michael Austin Willis
Dallin Kyle Woods

MATHEMATICS

Sergio Baez-Lugo
Hwee Bang
Lawren Ashley Bokman
David Chavez Contreras
Morgan Nicole Edwards
Meryl Kathleen Flaherty

2nd Degree: Computer Engineering

Michael Maytolon Hand
Juan Jose Hernandez
Ryan William Kreutzer
Austin Taylor McMillon
Charles Henry Mueller
Colton Wayne Sager-Wallish
Matthew David Shaffer
Mitchell Daniel Steiner
Joseph Dudgeon Walker

2nd Degree: Computer Science

Justin Laurence Winnett
Su Yu

MICROBIOLOGY

Ismail Alvidrez
Nicholas Joseph Caroselli

Hunter Owen Covey
Kristian Don Fater
Houston Joseph Fralick
Elliot Michael Hughes
Leonardo Valdez Lopez
Lauren Marissa Miller
Marlana Elizabeth Moncrief
Bryan Tze Khye Ong
Samantha Lynn Rood

PHYSICS

Ismael Alaniz
Victoria Alexis Blackman
Connor Bennett Grandorf
Michael Ray Henry
Ian Raymond Hughes
Brett Michael Mackflesh
Karen Esther Navarro
Jennifer Avigail Puac
Deidre Denise Reyes
Bryan Scott Sheffield
Brittany Rose Woods

SPORT MANAGEMENT

Isaac Anthony Aguilar
Kyle Kenedy Brandon
Sasha Chanel Campos
Stephen Michael Carrell
Seth Anthony Chatman
Sally McKenna Delgado
Jack Vincent Dignam
Preston Thomas Earls
Lance Cameron Fisher
Hunter Tyler Fogg
Corbin Lynn Foster
Brandon Garett Garcia
Mitchel Talbert Garlitz
Austen Blaine Griggs
Hunter Andrew Heckman
Emily Caroline Hill
William Connor Killian
Reagan Perry Mead
Tommy Mylinkov
Jessica Pearl Negrito
Donavon Hunter O’Neill
Duffy Nicholas Suhr
Makenzie Elizabeth Todd
Jacob Tyler Tucker
Luke Tyler Van Getson
Shea Alexander Whatley

ZOOLOGY

Teresa Nicole Burns
Kailey Marissa Snead

BACHELOR OF SCIENCE IN INTERNATIONAL ECONOMICS

Samuel Kyle Carter
Raul Da Silva Jr.
Marcus Anthony Hernandez
Tochukwu Iheanyiichukwu Imoh
Israel Isa Jimenez
Auria Maria Mancias
Jacob Connor Osborne
Jacob Andrew Polvado
Sierrah Lissette Ramirez

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

BACHELOR OF BUSINESS ADMINISTRATION

ACCOUNTING

Janette Marie Anderson
Karla Stephanie Andrade
Bailey Shane Bolton
Austen Robert Broussard

2nd Major: Finance
Jasmine Jayleen Catano
Kelsey Nicole Cook
Katie Jo Crump
Collin Zachary Denson
Alexis Haley Dyndul
Zakary Silas Ford

2nd Major: Management Information Systems
Brice Patrick Freedle

2nd Major: Finance
Samantha Jane Hale
Ty James Harpenau
Natalie Paige Hawley
Joshua Keith Heingartner
Justin Lee Henderson
Justin Scott Hull
Filiberto Jaquez
Carly J. Klatt
Hiem Thanh Y Le

2nd Major: Information Technology
Christopher Aaron Lee

2nd Major: Finance
Raymond Leon

2nd Major: Finance
Josiah D. Light
Darby Alissa Long
Andrew Joseph Lynch

2nd Major: Finance
William Connor Lynch

2nd Major: Finance
Layton Charles Lyons
Cody Mitchell Marlette
Patricia Alexandra Martinez
Daniel Andres Mendez
Tessa Sheridan Angela Monk
Tammi O’Mea Murillo
Katherine Brooke Neystel
Evan Richard Nielsen
Shelby Danette Orr

Brandy Marie Orth
Kimberly Alice Sabina Pinto
Xijie Qin
Alexis Ann Quintanilla

2nd Major: Finance
Karlee Arlene Roach
Jeremy Ryan Salazar
Jessica Gabrielle Sorey
Amin Ali Tijjani
Grayson Connor Tsai Meu Chong
Jessica L. Whitenton
Trevor Daniel Wilson
Hannah Micaela Woodruff

Joel Aaron Zavala

ENERGY COMMERCE

Edward Carter Daniels, Jr.
Shane Preston Henderson
Paul Anthony Venincasa

DECEMBER 2019 27
Undergraduate Candidates

Lindsey Elizabeth Senter
Sarah E. Sawyers
Kayli Alyssa Sawyer
Kristina L. Richter
Ivan Camilo Ramirez
William Edwin Prayor
Anna Elizabeth Plehal
Robert Alexander Phillips
Rosario Perez
Chidubem Ikenna Nweke
Jack William Nini
Trevor Joseph Newell
Trevor Jordan Miller
Joseph Anthony McCardel, Jr.
Tyler William Leggett
Alexander Brentley King
Jordan McKay Kolek

2nd Major: Accounting

FINANCE

Akari Lee Sims
Bailey Alan Smith
John Parker Steffan
Justin Taylor Tobery
Thanh Vi Tran
Bradley A. Transgrud
Kane Isaac Trejo
Jeffrey Seth Tudgay
Daniel Paul Wrenn
Brooke Elizabeth Wright
Wilson Ross Wyatt
Nathan Alexander Yansky

GENERAL BUSINESS

Austin Michael Acuff
Eric Allen Baker
2nd Degree: Agricultural & Applied Economics
Kayla Renee Banks
2nd Degree: Agricultural & Applied Economics
Colton David Head
Garrett Cade McKinney

INFORMATION TECHNOLOGY

Karla Marie Reducto Bernal
Nicolas Andrew Boucher
Madeline Blair Brisbois
Anthony Christian Burton-Cordova
Robert Clithero IV
Prabhatkar Dahal
Rommel Alfredo Espinosa
Yurika Anabel Gallegos
Isabelle Simone Geoffrion
John Norbert Girard
Corey Miles Hasha
Destiny Nicole Holt
Cameron Wyatt Horton
Simon Hunt
Young Jin Kim
Anthony Dave Ty Man
Ryan James McCartney
Qinton Ryder Melnick
Reese Alan Meredith
Peyton Matthew Nick
Laban Aswani Obge
Ryan James Oldakowski
Marcos Ontiveros
Christopher Hays Pawlick
Kevan Reza Pirayandeh
Joshua David Putman
Jansen Robert Russell
RACHEL TIFFANY SCHRAMM
Kyle Alexander Sowatsky
Gregory Armani Ter Haar
Aaron Teran Hernandez
Andrew Carter Thornton
William O. Uzebtor
Pedro Luis Vazquera
Kira Anne Wilson
Ashley Lynn Wright

MANAGEMENT

Michael Anthony Aguilar
Lindsey Leigh Baker
Garrett Richard Blevins
Madeline Grace Campbell
Bryce Allen Capers

2nd Major: Energy Commerce

William Taylor Chapman
Parker Ryan Christian
Logan Watts Cornwell
Charles James De Armon
Miranda Rose DeLeón
Jordan Lawrence Edgar
Ashlyn Leigh Edwards
Jacob J. Edwards
Aaron Blaze Engelhardt
Ian Kylar Ferguson
Christopher Jared Fuentes
Julio Cesar Garcia
Kristopher Blake Grantham
Anthony Reese Gregory
April Kasandra Guerrero
Drake Stiles Hagman
Alana Brooke Hamilton
Alexander Reed Hancock
Kyle Matthew Henke
Trey Herrera
McLin Blayne Hill
Courtland Blade Hosch
Bryce Miller Hoskins
2nd Major: Marketing

Beau Douglas Howard
Tiffany Shayne Jesko
Veronica Alyse Jones
Sydney Ellis Lamb
Ronald Thomas Lavigne
Christian Blake Letcher
Ross Colton Liles
Lazarath Tymothoy Clarence Lopez
Katherine Nyanchama Mamwacha
Kalie N. Marchington

2nd Major: Marketing

Carlos Jeronimo Noriega
Colin Lantz Osborne
Sofia A. Paredes
Christian Paul Parker
Daniel William Parkhurst
Shivam Sunil Patel
Cassidy Wyatt Patterson

2nd Major: Marketing

Elizabeth Kathleen Petrie
Blaine Michael Petty
Christopher Ryan Ramos
Lily Blaine Reagan
Andy Lee Rogers
Leah Rose Rubin
Reza Saatsaz
Maggie Caroline Sather
Kyle Brandon Seyffert
Jonah Moses Grant Silverthorn
Madison Ann Nicole Simms
Gabriela Soares Salviati
Micheal Angel Soliz
Danae M. Steiger

2nd Major: Marketing

Donald Thomas Sullivan III
Mikayla Lynn Taylor
Nicholas Eugene Taylor

1 Summa Cum Laude 2 Magna Cum Laude 3 Cum Laude 4 With Honors 5 With Highest Honors
Morgan McKenzie Massey
Emily Elizabeth Victoria Rose Massey
Ian Barret Martin
Kimberly Michelle Logan
Ruby Daniella Lira
Sarah Jane Licare
Tyree Key
Tanner Marie Jones
Callie Blanche Hutchinson
Kailey Ann Honolka
Stephan Ramon Hinojos
Christian Logan Henslee
Casey Garrett Hart
Michael Jay Guindi
Sophia Godinich
Madeline Ruth Godinich
Sydney Elizabeth Dumas
Sierra-Lane Michelle Draucker
Jessica Toto Doan
Blake Daniel Dailey
Madison Alisa Craven
Weston Quince Cogburn
Henry Conner Clay
Trey Albus
Derek Eugene Cook
Tyler Dale Harmon
Mark Mayher Harshbarger
Inhaeng Heo
Sarah Renee Hovland
Andrew R. McCarthy
Kraig Goetz
Andrew R. McCarthy
Kraig Goetz

MANAGEMENT INFORMATION SYSTEMS
Trey Albus
Derek Eugene Cook
Tyler Dale Harmon
Mark Mayher Harshbarger
Inhaeng Heo
Sarah Renee Hovland
Andrew R. McCarthy
Kraig Goetz
Andrew R. McCarthy
Kraig Goetz

SUPPLY CHAIN MANAGEMENT
Ayman Farid Abdelhadi
Brett Hayward Clark
Ryan Andrew Phelps
Ryan William Schleder
Alexander Drake Woerner

BACHELOR OF SCIENCE
MULTIDISCIPLINARY STUDIES
Bailey Campbell
Paul Gabriel Carvajal
Lauren Erold
Augustina Cynthia Enchil
Janeth Calderon Garibay
Melissa Marie Gomez
Julissa De Jesus Guzman
Megan La Cour
Rebeca Maria Loera
Fatima Maria Martinez
Erika Martinez Sanchez
Erica D. Mayo
Carly Moore
Graciela C. Nuñez
Ana K. Ramirez
Analuisa Salcedo
Allison Marie Salinas
Lyndi Leigh Vaughn
Adriana Villa
Margaux Simone Wagner

Jorge Vasquez

DECEMBER 2019 29
Federico Vertemara
Nghiep H. Vuong
Kaylee M. Wiley
Matias B. Zergaw

COMPUTER ENGINEERING
Akinolulwa Oladaran Abiola
Christian A. Alvarez
Carter A. Conlin
Ian C. Fehl
Meryl K. Flaherty
2nd Degree: Mathematics
Kole A. Hey
Xin Huang
Ian J. Knirer
Celina C. Luckevich
Joseph M. Mahoney
James A. Paule
Precious F. Pimentel
Adrian Rodriguez
Sabrina R. Rodriguez
Dong Hyuk Shin
Jacob E. Siau
2nd Degree: Physics
Kennet P. Thurman
Osbaldo Vera
Braydon L. Westmoreland

COMPUTER SCIENCE
Joshua S. Acosta
Saugat Adhikari
Justin M. Aguilar
Sahithi Alasakani
Mauricio Barbier
Jack S. Chen
Tien Q. Dang
Tyler Dang
Saurav Dhungel
Abraham Esparza
Hannah M. Estes
James P. Fallon
Sinan Fathulla
Noah Rafael Gomez
Roberto Gomez Pomares
Gavin D. House
Manoj Krishan Khatri
Michael A. Kiro
Dalton J. Koehl
Sagar Lamichhane
Zachary Lefever
Jason O. Mba
Chase E. Meyer
Arturo Mora
Liam A. Newton
Michael A. Odeh
Michael D. Opoku
Chloe O. Osogood
Archana Pandey
Taylor M. Patterson
Charlotte A. Phillips
Sergio Ponce
Logan D. Powers
Ryan Alexander Pratt
Todd W. Robinson
Alexander Meikonos Tesfazgi
Gaurav Thapa
Kevin D. Torres
Jason S. Vermillion
Annie Vo

Joseph D. Walker
2nd Degree: Mathematics
Wesley W. Wheeler
Abdus Sami Yakoob

CONSTRUCTION ENGINEERING
Matthew C. Adler
Bryant L. Booe
Trenten A. Carlton
Kelby A. Glenn
Mason M. Holcomb
Edith Huerta
Dain R. Jackson
Clarissa B. Montoya
August L. Rowland
Jack H. Schirmer
John B. Sell
Kimo N. St Luce
Jared H. Stephens
Spencer R. Strang
Tanner A. Weir
William H. Woolery

ELECTRICAL ENGINEERING
Francis A. Ajibero
Michael E. Arrant
Alexandria Katlyn Banks
Dhruvkumar V. Bhakta
Hunter G. Book
Bryan A. Chacon
Brantson R. Cook
James H. Exum III
Marti Elizabeth Hands
Luke T. Henderson
Abrar Khalid
Khizar Khalid
Saif Muhammad Qadeer
Camilo Rincon
Jacob R. Saldua
Brett D. Sanders
Matthew S. Schmid
Korey C. Cavett
Michael A. Odeh
Michael D. Opoku
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Gaurav Thapa
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Annie Vo

Neida B. Jimenez
Robert J. Levitan
Victor Lima Castro dos Santos
Oscar M. Lujan, Jr.
Alvarina C. Manuel
Hilary A. Martins
Natalie B. Meneses
Peter A. Minca
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Benjamien O. Nichenghe
Joel J. Pulpily
Juridha H. Roman
Mary Cruz Romero Oxa
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Jay P. Tran
Carlos H. Urbina
Simon L. Vaquero Ramos
German D. Ventura
Kalin R. Young

MECHANICAL ENGINEERING
Jose D. Aceves
Victoria K. Adaszczyk
Saheed O. Adebayo
2nd Degree: Mathematics
Aime J. Adjembi
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Mugisha Aime
Layth O. Alhamzah
Edgar N. Alvarado
Alexander Hunter Armstrong
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Ivan A. Delgado
Gregory D. Dennard
Ikechukwu J. Dike
Samantha J. Doxey
Bradley W. Edwards
Abdullah Ekhwan
Regan Elder

Regan Elder

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Taryn N. Smith
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Amon Tamtcha Sikadi
David Thierry Temnet Fongang
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Cooper A. Toqucigny
Kevin Enrique Trujillo
Joshua Randall Turner
Bikram A. Upreti
Devin D. Williams
Venkata K. Yadavalli

PETROLEUM ENGINEERING
Louirvaldo I. Domingos
Braxton A. Reese

BACHELOR OF SCIENCE
Apparel Design and Manufacturing
Anthony Michael Meehan
Community, Family, and Addiction Sciences
Colton Edward Denmon
Jonathan Frank Foley
Crystal LeAnn Gomez
Early Childhood
Juliette Rae Fierro
Sara Qamar Rizvi
Human Development and Family Studies
Carsyn Dee Allen
Jacqueline Alvarado
Hannah Elizabeth Andersson
Diana Neeshibih Atanga

Emily Anne Barrett
Victoria Elizabeth Bledsoe
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Madeline Darby Castro
Darienne L. Clinton
Kelsey Angelina Coyne
Sarah Elizabeth Davis
Caitlyn De Los Santos
Allison Leigh Escamilla
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Aspen Frederick
Jaden Carter Freeman
Alexandra Antonietta Garcia
Alixandria Aylen Gavin
Lisa Marie Gonzales
Lindsey Nicole Greenlee
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Claire Bergin Hawkins
Kristy Nicole Herrera
Leigh Anne Marie Hummel
Caitlyn Ellen Isaguirre
Emma Jewell Jones
Meredith Jean Kimmel
Stephanie Marie Marquez-Castillo
Baylee Rae Marshall
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Presley Kate McNeely
Brooke Meagan Mendoza
Macy Jane Morales
Addison Devins Mylar
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Viet Lac Nguyen
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Kathryn Nicole Rasmussen
Hannah Elizabeth Richter
Breanna Renee Roberts
Sidaria Na’e Robertson
Baylee Alyse Salas
Emily Kaye Smith
Hannah Marie Smith
Johnathan Abel Smith
Haley Elizabeth Sparks
Whitney Madison Walker
Avery Leigh White
Whitney Brie Willborn
Kathryn Elizabeth Willis
Brighton Gable Yoder
Karina Zambrano

HUMAN SCIENCES
Brady Lynn Akin
Allison Nicole Alexander
Alexis Amariz Ambler
Margaret Ann Begley
Mason Wade Bell
Mark A. Benavides
Cylinda Baker Biediger
Kayla Dawn Bradford
Brittany Marie Bradley
Jessica Jean Brazil
Charles Ray Brown

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

DECEMBER 2019 31
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<thead>
<tr>
<th>Name</th>
<th>Program</th>
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<td>Veronica Yvette Cruz</td>
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<td>Vera Grace Tidwell⁸</td>
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<td>Nicholas Owen Phillips²</td>
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<td>Brian Michael Sutter II⁶</td>
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<td>Kurt Michael Callegari¹</td>
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<td>Byron Gene Duncan</td>
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<td>Milagros Guadalupe Duran</td>
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<td>Ryan Ashleigh Fiala</td>
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<td>Steven Michael Franco</td>
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<td>Will Edward Garvey</td>
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<td>Jeremy David Giovannetti</td>
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<td>Regan Michelle Hestand</td>
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**Sumsma Cum Laude**  
**Magna Cum Laude**  
**Cum Laude**  
**With Honors**  
**With Highest Honors**
CREATIVE MEDIA INDUSTRIES

- Ethan Phillip Baker
- Erynn Taylor Beaty
- Kelsey R. Dickson
- Brennon Andrew Holbrook
- Marie Taylor Jones
- Andrew Brady Parker
- Alex Raul Sanchez
- Dillion Lelond Trevino

ELECTRONIC MEDIA AND COMMUNICATIONS

- Andrew Scott Adams
- Sara Elizabeth Allen
- Brendan Ray Brothers
- Katrina M. Byers
- Jasmine Crystal Cintron
- Bryson Andrew Dunn
- Jacob Foster Gartman
- Alexandra Anne Grattan
- Diego Heredia Castillo
- Coby Richard Hitipuew
- Madison Christine Ingram
- Joshua Michael Ivey
- Austin James Jordan
- Ian Alexander Kadleck
- Alex M. LeBlanc

2nd Major: Advertising

- Breanna Kathleen Ledesma
- Michael Patrick Leland
- Tierney Semone Leonard
- Chance Alexander Marshall
- Cameron Brooke Martin
- Colton Scott May
- Kate Lynn Nagel
- Nygil C. Nettles
- Trey Preston Nicar
- Oluwatooni Aynla Ogedengbe
- Ademola Saheed Ogunleti
- Jacob Steven Ostrowski
- Austin Montrell Pegues
- Anthony Jaymes Reid
- Mallory Faith Roberts
- Mason Garrett Shank
- Rylee McCall Tribble
- Nicholas Mauricio Valdez

JOURNALISM

- Sydney Rae Carpenter
- Danielle Brianne Dixon
- Caraline Elizabeth Louise Gaston
- Kayla Kristine Ivy
- Jaira Nechelle Poole
- Sabrina Leigh Stovall

MEDIA STRATEGIES

- Sheridan Baize
- Mabi Angelica Balero
- William M. Catalan
- Elijah Nathaniel Cisneros
- Caleb James Fowler
- Mckenna Kathryn Gabriel
- Emily Faith Hall

2nd Degree: Political Science

- Luis Emilio Herrera-Perales
- Hayden Kyle Hersey
- Levi Konnor Holt
- Harmony Elise Huglen-Hawkins
- Logan William Ibbott
- Erik Spence Johnson

PUBLIC RELATIONS

- Benjamin Owen Anderson
- Sarah Kathleen Armstrong
- McKenzie Christine Bishop
- Parker Clay Boyd
- Anna Elizabeth Brock
- Emilie Claire Caffey
- Julia Ashton Castlaw
- Michael Patrick Cockrell
- Kristen Blair Cooper
- Mackenzie E. David
- Taylor Nicole Dickinson
- Alicia Monique Dominguez
- Victoria Charlene Ellison
- Tyler Jon Franklin
- Cristal Angela Gonzalez

2nd Major: Advertising

- Dylan James Housley
- Paige Huff
- Marcella Ivins
- Cathryn Megan Lamb
- Ronald Charles Mazfield
- Camryn Alexis Mayer
- Madeleine Evans Meyer
- Raegan Brooke Milligan
- Garrett Michael Murray
- Whitney Marie Nichols
- Donovan Ortz
- Kayla Nicole Owens
- Kyle Edmund Panzer
- Corrinne Y. Riley
- Alyssa Anne Rivas
- Valerie Frances Robinson
- Nicole Noelle Rochelle
- Reece Landon Rodgers
- Katy Aileen Sanders
- Briana Santos
- Mohamed Shaheen Shiffli Kader
- Naba Siddiq
- Claire Elizabeth Smith
- Isaac Soto
- Brianna Isabelle Suarez
- Laura Elyse Throneberry
- Evan Jeremiah Triplett
- Laurel Claire Webb
- Marisa Alexandra Werner
- Reagan Katherine Whitaker

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

December 2019
BACHELOR OF APPLIED ARTS AND SCIENCES
Josh Aaron Jones
Theresa Kay Reed

BACHELOR OF ARTS
UNIVERSITY STUDIES
Jeffrey Scott Amon
Laura Victoria Archibald
Scott Audibert
Brennan Bailey Barnett
Jamie Dawn Bridges
Chase Ryan Brouillette
Jesse Brown
Robert Bruns
Seth Collins
Alexander Vincent Cremente
Jordan Elizabeth Dain
Sarah Elizabeth Dishongh
Vaughnte Dejoah Dorsey
Deidra Babe Dutschmann
Favour Chimaroke Egbuka
Justine Madrid Flores
Jason Forslund
Debbi Renae Furr
Laura Nicole Gentolizo
James Conner Gopffarth
Courtney Michelle Greger
Frank Bone Hines
Spencer Gregory Holcomb
Shelley Renee Isbell
Bryce Chandler Kiser
Karsen Elizabeth Kloster
Claudia Samantha Lozano Frausto
Joseph Don Marin
Jacob Quentinn Mattison
Joshua High McDaniel
Kelly Erin McGinnis
Talyn Blays Messick
Skyler Thomas Mirocha
Marshall Thomas Moore
Octavious Delkese Morgan
Daniella D Munoz
Deshawn Donye Nix
Alyssa Marie Norris
Ejowvokoghene Divine Oduduru
London Blake Ogletree
Noel Efemena Onobun
Sarah Elise Otoole
Santiago Edward Paiz
Sklar Ann Penney
Nicole Mae Peterson
Amber Nichole Pounds
Nicole Leann Pritchard
Aadarsh Pandhur
James Dylan Rampick
Shianne Joy Rankin
Meg J’Lain Ratheal
Sara Nicole Reid
Kyle Peter Rhinehart
Austyn Taylor Rivas
Trace Rivera

Robert Montgomery Riza
Alexia Sawyer
Sandhya Govina Sharma
Jonna Rhea Sharp
Stephanie Leigh Sidell
Mark P Stamps
Allyson Mackenzie Standard
Jillian Jane Stock
Christopher M Sullivan
Westyn Dean Swanson
Torii Neilok Thompson
Selena Alicia Torrez
Nicholas Andrew Uresti
Maurice George Vann
Amber Nicole Wallace
Rilee Saige Weatherford
Michael Weldon Whittle
Bekah Jane Wood
Sharon Kay Yeates

BACHELOR OF SCIENCE
UNIVERSITY STUDIES
Erick Arizpe
Lori Frances Davila
Abigail Amanda Felps
Vashati Amy Guadalupe Garcia
John Carlos Hernandez
Gilberto Mazza
Sahar Humayun Mirza
Desmond Desean Moore
Chukwuka P Ojiyi
Joshua James Powell
Emmanuel Quinones
Chase Lain Thorpe
David Matthew Waggoner
Christopher Walls

WIND ENERGY
Keegan Estes Bartkus
Christopher Shawn Bell
Anthony De Luna
James Anthony Diaz
Kevin Dominguez
Zachary Dante Garcia
Matthew David Henslee
Seth John Lozano
Timothy Owens
Leslie Alin Salazar
Samuel Cloud Weston

J.T. & Margaret Talkington
College of Visual & Performing Arts
BACHELOR OF ARTS
ART
Tiffani Ryann Finkbone

DANCE
Ashlyn Taylor Brown
2nd Degree: Marketing

INTERDISCIPLINARY ARTS STUDIES
Aaron Christopher Ellis
Kristen Alexandra Mitchell

MUSIC
Madison G. Kennell
Shannon Taree Koonce

THEATRE ARTS
Sara Elizabeth Hunter
Diana Carolina Lee
Troy Evan McKinney
Kenney Fitzgerald Morris, Jr.
Christian Samuel Peck
Taylor McKenzie Sines
2nd Degree: English

BACHELOR OF FINE ARTS
ART
Alejandra Marie Aguirre
Chandler Wayne Campbell
Sarah Elizabeth Lewellen
Lauren E. Liedtka
Clinton Richard McCuff
Ann Louise Sikes

THEATRE ARTS
Madison Layne Bryan
Talalynt Tatiana Rachell Francis
2nd Degree: Kinesiology
Nathan Lovelle Fuentes
Zachary Tyler Haile
Madelyn Tye Robertson

BACHELOR OF MUSIC
Aaron David Araya
Justin Neil Anderson
Lily Rae Ann Arnett
Amy Eris Aycock
Bonnie Bleau Bearden
Jessica Aryn Calvit
Austin DeMoss
Adam Andrew Evans
Natalie Anne Galindo
Jarrett Nolan Hatcher
Benjamin Robert Horton
Gil Edward Jarvis
Tristan Eliot Keller
Madeline Claire Keremeyer
Alexander Scott Kolb
Kameryn Reese Mattingly
Karisma Lorraine Mendoza
Gillian Noelan Quiggle
Chandler Leigh Renshaw
Isaiah Stephen Rodriguez
Tyler Ricky Serrato
Elisa Nicole Shiller
Morgan Elizabeth Smith
Nicholas Ryan Tharp
Kathryn Elizabeth Thompson
Rachel Lynn Tilley
Lucas Benjamin Wasserman
Kyle William Worley
William Henrik Zetterstrom

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

INDIVIDUAL COLLEGE RECEPTIONS

Immediately After Commencement Ceremony

College of Agricultural Sciences & Natural Resources  |  Animal and Food Sciences Building, Room 101
College of Architecture  |  Architecture Gallery, 1st Floor of College of Architecture
College of Arts & Sciences  |  Foyer Area of Room 104, Holden Hall
Jerry S. Rawls College of Business Administration  |  McCoy Atrium, 1st Floor of Rawls College of Business Administration
College of Education  |  Diploma Distribution, First Floor Staircase, 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 & Communication  |  Ballroom, Student Union Building
J.T. & Margaret Talkington College of Visual & Performing Arts  |  Theatre Arts Foyer
University Studies and Wind Energy  |  Matador Room, Student Union Building

CANDIDATES FOR MILITARY COMMISSIONS

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

Douglas Guberman
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 creates, transmits, and preserves 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 symbol rising from a focal point in the South Plains. The banner symbolizes the impact of globalization in the modern business environment.

The College of Arts & Sciences banner was redesigned in 2014 by Randy Lacy, unit coordinator in the college. Crafted with classical typography and bold lines, the banner replaces the previous college seal with the famous Double T logo. The red and black colors appropriately represent the largest and most diverse college in the university.

The Graduate School banner is blue. Imposed on this background is a white circle within a light blue one. These circles contain the image of a golden open book and a burning lamp. The open book symbolizes knowledge and the lamp represents a light by which to study. The banner was designed by the late Associate Dean Thomas Langford and Ms. Beth Cain, who was a Graduate School staff member and artist for many years.
The banner of the Edward E. Whitacre, Jr. College of Engineering features the seal of the college set on a field of orange, the academic color for engineering. The seal of the college, inspired by a 2009 design by chemical engineering student Unwana Essien, is encircled with a border of red, white, and black, symbolizing the spirit of Texas Tech University and the Red Raiders.

The two stars represent the ethical duty of engineers to themselves and society. The four symbols in the center of the seal stand for the foundations of engineering:
- The light bulb, surrounded by a ribbon and questions, represents the inspiration of engineers to answer questions and solve problems.
- The square and globe represent the engineer’s work as building blocks for the world.
- The hammer and screwdriver represent the practical application of the engineer’s work.
- The atomic figure surrounding the beaker represents the confluence of math, science, and technology in the mind of the engineer.

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

The College of Human Sciences banner was redesigned in 2016 and adapted from an original design by former faculty member Dr. Ben Goh. The design depicts an adult, an adolescent, and a child. The diversity of faces and ages represents the families and communities served by the college in its mission to improve and enhance human lives through teaching, research, and outreach. The image of the globe represents the goal of not only serving the lives of those in the local community, but also connecting with the global community.

The College of Media & Communication banner illustrates waves of information emanating from a single point—one voice heard by many. The banner is white with a crimson background framing waves of information reaching the public. Crimson is the color assigned by the Intercollegiate Code to journalism, the common core subject area of the college. The white field represents honesty, decency, and purity. Beneath the crimson is the name of the college.

The banner for University 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 swath 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 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](http://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](http://www.TexasTechAlumni.org) or call 806.742.3641.
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.