

# TEXAS A&M UNIVERSITY Commencement

# TEXAS A&M UNIVERSITY COMMENCEMENT

# Graduate and Baccalaureate Program

College of Agriculture and Life Sciences

Friday, May 12, 2017, 9 a.m. Reed Arena

Processional

The National Anthem

Student Expression of Appreciation

Greetings and Authorization to Confer Degrees

Presentation of Degree Candidates and Conferring of Degrees

Presentation of Diplomas

Induction into The Association of Former Students

"The Spirit of Aggieland"

Recessional

# Faculty Marshals

Mace Bearer Dr. John R. August, Dean of Faculties and Associate Provost Stage Party Ms. Venesa A. Heidick, Registrar Mr. Scott McDonald, Assistant Vice President for Academic Services and Director of Admissions Announcers Ms. Nora Cargo, Director, Scholarships & Financial Aid Mr. Mark Edwards, Traffic Director, KAMU-FM Mr. Mike Fitch, Transcript Analyst, Office of Admissions Judge Rick Hill, Brazos County Justice of the Peace Precinct 3 Gonfaloniers College of Agriculture and Life Sciences . . . . . Mr. Joshua Robert Sutton College of Architecture . . . . . . . . . . . . . . . . . Ms. Madelyn Grace Walker Mays Business School . . . . . . . . . Mr. Christopher Joseph Naeger College of Education and Human Development . . . . . . . . . . . Mr. Atik Shakeel Lalani Bush School of Government and Public Service . . . . . . . . . . . . Mr. Said Mohammad Azam College of Liberal Arts...... Ms. Katherine Barbara Wood College of Veterinary Medicine and Biomedical Sciences..... Ms. Molly Marie Wierzbowski The Texas A&M University System Board of Regents Mr. Cliff Thomas, Chairman .................................. Victoria Ms. Elaine Mendoza, Vice Chairman . . . . . . . . . . . San Antonio Mr. Phil Adams ......Bryan/College Station Mr. Robert L. Albritton . . . . . . . . . . . Fort Worth Mr. Morris E. Foster...... Austin Mr. Bill Mahomes. . . . . . Dallas Mr. Charles W. Schwartz. . . . . . . . . . . . . . . . . Houston

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Ms. Stephanie Y. Martinez (Student Regent).....Laredo

Chancellor

# Texas A&M University Administrative Officers

President
Provost and Executive Vice PresidentDr. Karan L. Watson
Dean, College of Agriculture and Life Sciences Dr. Mark A. Hussey
Dean, College of Architecture
Dean, Mays Business School Dr. Eli Jones
Dean, College of Dontistry, Dr. Lawrence E. Wolinsky,
Dean, College of Dentistry Dr. Lawrence E. Wolinsky
Dean, College of Education and
Human Development Dr. Joyce M. Alexander
Dean, College of Engineering Dr. M. Katherine Banks
Dean, College of Geosciences (interim) Dr. Debbie Thomas
Dean, Bush School of Government and
Public Service
Dean, School of Law
Dean, College of Liberal ArtsDr. Pamela R. Matthews
Dean, College of Medicine Dr. Carrie L. Byington
Dean, College of Nursing Dr. Sharon A. Wilkerson
Dean, Irma Lerma Rangel College of Pharmacy Dr. Indra K. Reddy
Dean, School of Public Health Dr. Jay Maddock
Dean, College of Science
Dean, College of Veterinary Medicine and
Biomedical Sciences
Dean, Texas A&M University Libraries Mr. David H. Carlson
Dean and Chief Operating Officer,
Texas A&M University Qatar Campus Dr. César O. Malavé
Executive Vice President for Finance and
Administration and Chief Financial Officer Dr. Jerry R. Strawser
Senior Vice President, Texas A&M University
Health Science Center Dr. Carrie L. Byington
Senior Vice President and Chief Marketing and
Communications Officer
Vice Provost Dr. Michael J. Benedik
Vice President and
Associate Provost for Diversity Dr. Christine A. Stanley
Vice President for Brand Development Mr. Shane Hinckley
Vice President for Government Relations Mr. Michael G. O'Quinn
Vice President for Human Resources and
Organizational Effectiveness Dr. Barbara A. Abercrombie
Vice President for Information Technology and
Chief Information Officer
Vice President for Research
Vice President for Student Affairs Dr. Daniel J. Pugh, Sr.
Vice President and Chief Operating Officer,
Texas A&M University
Galveston Campus
Commandant of the
Corps of Cadets Brigadier General Joe E. Ramirez, Jr. (Ret.)

Dean of Faculties and Associate Provost	Dr. John P. August
	, ,
Associate Provost for Academic Affairs	Dr. Michael T. Stephenson
Associate Provost for Graduate and	
Professional Studies	Dr. Karen L. Butler-Purry
Associate Provost for Undergraduate Studie	s Dr. Ann L. Kenimer
Associate Vice President for	
Academic Services	Mr. Joseph P. Pettibon II
Associate Vice President for Administration	and
Academic Affairs	Ms. Deena J. McConnell
Associate Vice President for External Relatio	ns Mr. Chad E. Wootton

# Presidential Professor for Teaching Excellence Award

The Presidential Professor for Teaching Excellence Award, inaugurated by former Texas A&M University President Robert M. Gates, provides for presentation each spring of two Presidential Professor for Teaching Excellence Awards, each with a \$25,000 stipend and designation as "Presidential Professor for Teaching Excellence" for the remainder of the recipient's career at this institution. This award is believed to have the highest monetary value of any teaching award of its type in the nation. These teaching awards are in addition to those already presented annually, including the many given on both the University and college levels by The Association of Former Students. The recipients of the spring 2017 Presidential Professor for Teaching Excellence Award are described below.

#### Dr. Tatiana Erukhimova

Tatiana Erukhimova, instructional associate professor and outreach coordinator in the Department of Physics and Astronomy, earned her Ph.D. from the Russian Academy of Sciences. She came to Texas A&M in 2001 as a postdoctoral research associate, later serving as an assistant research scientist in the Department of Atmospheric Sciences in the College of Geosciences. She joined the Department of Physics and Astronomy in the College of Science in 2006. During the first part of her teaching career she taught "Atmospheric Thermodynamics: Elementary Physics and Chemistry." She now teaches a two-semester sequence of introductory physics. As the outreach coordinator for the Department of Physics and Astronomy, Dr. Erukhimova organizes and manages the Physics and Engineering Festival that annually attracts several thousand people of all ages to campus for an entertaining and informative day of lectures and funny, puzzling and fascinating hands-on experiments. She also has developed the traveling Physics Show and makes presentations to off-campus organizations, ranging from elementary school classes to adult clubs and former students groups. Students know Dr. Erukhimova for her passion and enthusiasm for teaching, as well as for being generous with her time helping them outside the classroom. She brings creative demonstrations to class; she posts old tests on her website—with the solutions; and she is constantly introducing novel ways to explain difficult concepts. She is a recipient of the Texas A&M University Association of Former Students Distinguished Achievement Award for Teaching.

# Dr. Reuben A. Buford May

Reuben May, professor of sociology and Glasscock University Professor in Undergraduate Teaching Excellence, earned his Ph.D. from the University of Chicago. He joined the faculty of the College of Liberal Arts in 2005. His research expertise includes race and ethnicity, urban sociology and sociology of sport. His research has been widely honored, and his 2008 book, Living Through the Hoop: High School Basketball, Race and the American Dream, received the Book of the Year award from the Association of Humanist Sociology. His most recent book, Urban Nightlife: Entertaining, Race, Class and Culture in Public Space, published by Rutgers University Press (2014), has already garnered positive reviews by highly regarded race scholars, such as William Julius Wilson and Frederick Wherry. Dr. May is known for engaging his students and for the enthusiasm and energy he brings to lectures, including "rhymes" and occasional instructional rapping he intermixes with the Socratic method. Dr. May was the recipient of the Dr. Martin Luther King, Jr. Visiting Professorship at MIT and was awarded a prestigious fellowship from the W.E.B. Du Bois Institute for African and African American Research at Harvard University. He subsequently received three teaching awards while on the faculty of the University of Georgia and is a recipient of the Texas A&M University Association of Former Students Distinguished Achievement Award for Teaching.

# Brown Foundation–Earl Rudder Memorial Outstanding Student Award

Through a gift from the Brown Foundation of Houston, Texas, the Brown Foundation-Earl Rudder Outstanding Student Award was established to honor the memory of the late President Earl Rudder and to provide public recognition to outstanding senior students graduating each year from Texas A&M University. Each college may nominate up to two students to be considered by a special committee appointed by the Assistant Provost for Undergraduate Studies. From these nominations, the committee selects the award recipient(s). Final selection for the Brown-Rudder award is subject to approval by the President. The awards are presented at the LAUNCH Recognition Ceremony. This year's recipients are listed below.

**Mays Business School** Layeeka M. Ismail

**College of Liberal Arts** Joshua T. Fuller

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# Robert M. Gates–Muller Family Outstanding Student Award

Through a gift from the Muller Family of Galveston, Texas, the Robert Gates-Muller Family Outstanding Student Award was established to honor former President Robert M. Gates and to provide public recognition to outstanding senior students graduating each year from Texas A&M University. Each college may nominate students to be considered by a special committee appointed by the Assistant Provost for Undergraduate Studies. From these nominations, the committee selects the award recipient(s). Final selection for the Gates-Muller award is subject to approval by the President. The award is presented at the LAUNCH Recognition Ceremony. This year's recipient is listed below.

**College of Agriculture and Life Sciences** Joshua R. Sutton

# Doherty Award

The Doherty Award was established by Mr. W.T. Doherty in memory of his parents, William and Kathleen Doherty. The award is given to a graduating senior who has spent four years in the Corps and who has earned a commission in one of the armed forces. Among the criteria, the winner must be of high moral character, exhibit patriotism for both country and state, and be a faithful Aggie who has earned the trust and admiration of the Corps, the student body at large, and the Officers of the campus military establishment. This year's recipients are listed below.

U.S. Air Force ROTC Zachary J. Williams

U.S. Army ROTC Garrett N. Roberts

**U.S. Navy/Marine Corps ROTC**Davis R. Vercher

# The Association of Former Students Distinguished Achievement Awards

Each spring, The Association of Former Students honors faculty and staff members at Texas A&M University for their dedication to students, leadership in their fields, and accomplishment in their careers. A campuswide committee, composed of current and former students, faculty and staff selects recipients in the categories of Teaching, Research, Individual Student Relations, Graduate Mentoring, Staff, Administration, and Extension, Outreach, Continuing Education and Professional Development. This noble distinction serves as a testimony to the high esteem in which they are held.

Receiving the Distinguished Achievement Award is among the highest honors that can be bestowed on a member of the University community. In 2017, 24 individuals were presented a cash gift, a gold commemorative watch and a framed certificate. Since the program's establishment in 1955, more than 1,000 awards have been presented totaling more than \$3 million in cash gifts.

The Association of Former Students is able to present these awards and to support other academic and student programs at Texas A&M through the generous support of former students, Aggie Parents, faculty, staff and friends of Texas A&M University.

## Teaching

James D. Batteas Amy E. Earhart '99
Department of Chemistry Department of English

Ben F. Bigelow '05 Larry Johnson
Department of Construction Department of Veterinary

Science Integrative Biosciences

Christian Brannstrom Mary P. McDougall '97

Department of Geography Department of Biomedical Engineering

Audrey K. Cook

Department of Veterinary Small

Animal Clinical Sciences

Mary Margaret "Meg" Penrose
School of Law

Alan Dabney Connie D. Weaver
Department of Statistics Department of Accounting

#### Research

Wendy R. Boswell Department of Management

Timothy R. Elliott Department of Educational Psychology

Paul E. Hardin Department of Biology

Casey J. Papovich Department of Physics and Astronomy

Ping Yang Department of Atmospheric Sciences

Hong-Cai "Joe" Zhou '00 Department of Chemistry

# Individual Student Relationships

Elizabeth Crouch '91 Biomedical Sciences Program

Henry Musoma '00 Center for International Business Studies

#### Administration

Mark A. Hussey '79 College of Agriculture and Life Sciences

# Extension, Outreach, Continuing Education and Professional Development

John T. Cooper Jr. '92 Department of Landscape Architecture and Urban Planning

#### Staff

Kevin Gustavus '08 Business Office, College of Architecture

Veronica (Sprayberry) Stilley '90 Department of Information and Operations Management

# **Graduate Mentoring**

Robert S. Chapkin Department of Nutrition and Food Science

Yalchin Efendiev Department of Mathematics

# Candidates for Commissions in The Armed Forces of the United States

Brigadier General Joe E. Ramirez, Jr. (Ret.) - Commandant

#### *United States Army*

Colonel Robert B. Brown - Professor of Military Science

Second Lieutenants, U.S. Army

Jennifer Lisa Armstrong

- \* Ervn Marie Behne
- \* Caleb Barrington Bickham
- \* John Barrett Breland Corbin Vincent Cali
- \* Spencer Edwin Coberly Jerry Dale Dobbs, Jr. Daniel James Edwards
- \* Jane Susan Edwards Joshua Pearson Ellenburg Samuel Joe Essary Samuel Forrest Ferrero Hans Otto Fetterhoff
- \* Hayden Hudson Florence Trevor Michael French
- \* Daniel Luke Garza
- \* Gramm Woods Guillory Charlie Burnett Hurdt
- \* William Francis Jones

Adam Daniel Lambert

- \* Zachary Aldor Lanctot Christopher Bryan Larson Donald Jacob Longmire-Murdaugh
- Lauren Nicole Manley
- \* Anthony Thomas McKee Dakota David Nettle William Thomas Newman
- \* Katheryn Majella Nolen William Spencer Old
- \* Jeremy Brent O'Neil Ioe Gabriel Ortiz
- \* Emily Rebecca Rose Otto Jack Baker Peabody John Luke Pipkin
- \* Melodie Ann Raese Mary Christine Reddick
- \* Jeremy Kyle Reece

Jacob Alan Resendez

- \* Garrett Neil Roberts Marcello Ivan Sanchez Michael Anthony Sanchez Lauren Virginia Sim Emon Ali Steadman
- \* Dylan Blake Stooksberry Peter V. Tengi Victoria Fallin Tobitt Drake Leigh Tobola Matias Manuel Villanueva
- \* Jakob Wesley Vitullo Benson Gareth Wells Amanda Margaret Weyer Clay Ashby Whitaker John Thomas Wicker Weston Joseph Woerner

## United States Navy

Colonel James Bright — Professor of Naval Science

Ensigns, U.S. Navy

Marcus Alexander Bolles Alexander Scott Brown Ricky Glenn Hill Lauren Leigh Ladner

Michaela Josephine Miller David Jacob Moore Cristal Nallely Rubio Sheldon Cain Snyder

Clayton Robert Tennies Jacob Lloyd Waggoner

<sup>\*</sup> Distinguished Graduate

## **United States Marine Corps**

Colonel James Bright - Professor of Naval Science

Second Lieutenants, U.S. Marine Corps

Christopher Anthony Akin Everett Forrest Findlay Joshua Dean Glasson Garrett Parker Hamm David Aldridge Heggland Brandon Thomas Hoyer Austin James Jeter Theoharis Robert Kaberides Cullen Michael Martin Justin Taylor Martinez David Aaron McBrayer Eric Gene Sayers Chad Christopher Schutz Michael Hunter Spangler Colin Thomas Taylor John Moore Toon Davis Robert Vercher Connor Dane Vokey

#### United States Air Force

Lieutenant Colonel Jeffery A. Bounds—Professor of Aerospace Studies

Second Lieutenants, U.S. Air Force

Lance T. Badoni Bryan Earl Bonnette Matthew Christopher Connelly Trenton Lemont Dickey Ryan Paul Dietzius Trevor Lane Dutt Ray Raymon Freeze Alex Rashid Gaines Heather Marie Glover Charles Everette Hogan Alexandria Coszette Howard Jessica Berneda Knowles Adam Christopher Knutson Matthew Stephen McClure Rishi P. Patel Taylor McClain Pence John Michael Penkunis Ryan Adam Reers Rex Andrew Ritchie \* Colton Lee Roberts

- \* Colton Lee Roberts Matthew Dennis Rollins Daniel Bradley Rosenfield Samantha Jolene Scher
- \* Daniel Scott Schultz Kyle David Steele Joni Leigh Taylor Moriah Grace Thompson Alec Justin Thrower
- \* Nicholas Phillip Warner
- \* Sean Gabriel Whitney Zachary John Williams

<sup>\*</sup> Distinguished Graduate

# Candidates for Doctoral Degrees

## Presented by Dr. Karen Butler-Purry Associate Provost for Graduate and Professional Studies

# Graduate and Professional Studies

# College of Agriculture and Life Sciences

## Doctor of Education

Sharon Marie Freeman Record of Study:	"An Investigation of Soft Skill Development of California Agricultural Education Students Participating in an FFA Career Development Event"	
Chair: Co-Chair:	Steven D. Fraze Timothy H. Murphy	
	Doctor of Philosphy	
Luiza Maria Teophilo A Dissertation:	Aparecido	
Chair:	Georgianne Moore	
Elba Veronica Arias Rios		
Chair:	Alejandro Castillo Ayala	
Charli D. Baker Dissertation:	Biochemistry "Phospholipid Requirements for Mitochondrial Respiratory Chain Function"	
Chair:	Vishal Gohil	
Jun Cao Dissertation:		
Chair: Co-Chair:	Bruce McCarl Fred O. Boadu	
Karthik Reddy Chamakura Biochemist Dissertation: "Evolved to Break Free: Evolution and Diversity in Sing Gene Lysis"		
Chair:	Ryland Young	
Priyanka Revansiddha Dissertation:	Chaudhary	
Chair:	Bhimanagouda S. Patil	
Junyi Chen Dissertation:		
Chair: Co-Chair:	Edwin Price	

Siho	ng Chen	"Three Essays on Commodity Markets and Health Econom-
	Chair: Co-Chair:	ics" Ximing Wu Yu Zhang
Nan	-Yen Chou	"Novel Hybrid Rice Seed Production Method Incorporating Herbicide Tolerance"
	Chair:	Steven S. Hague
Kell	y Ann Churion Dissertation: Chair:	"Hox DNA Binding: From Monomers to Fibers" Sarah Bondos
Mar	jorie Angela Green	Clendenin Agricultural Leadership, Education, and Comunication
	Dissertation:	"The Value of Source Credibility and Trust During Emergencies and Disasters"
	Chair:	Tracy A. Rutherford
Cait	lyn Elizabeth Coop Dissertation:	"Oak and Pine Physiological Responses to Resource Availability"
	Chair:	Georgianne Moore
Chei	n Ding	
	Chair:	Michael Schuett
Cam	ille L. Duran Dissertation:	"Noncanonical NF-кВ Signaling Drives Glioma Invasion by Promoting MT1-MMP Activation, Pseudopodia
	Chair:	Formation, and ITGA11 Expression" Kayla J. Bayless
Elida	a Maria Espinoza. Dissertation:	"The Role of Quorum Sensing Bacteria Proteus mirabilis on the Behavioral Ecology of the Red Imported Fire Ant,
	Chair: Co-Chair:	Solenopsis invicta Buren (Hymenoptera: Formicidae)" Roger Gold Jeffery Tomberlin
Lu F	ang Dissertation:	
	Chair:	David Bessler
Akił	nito Fukudome Dissertation:	Molecular and Environmental Plant Sciences "Functions of Arabidopsis C-Terminal Domain Phosphatase-like 4 in Global Transcriptional Regulation"
	Chair:	Hisashi Koiwa
Drev	w Miller Gholson Dissertation:	
	Chair:	Diane Boellstorff

Kyle Edward Harrison . . . . . Entomology "Ecological Factors Explaining Genetic Differentiation in Dissertation: Aphidomorpha Associated with Pecan and Water Hickory Trees" Raul Medina Chair: Josie Lynn Hilley . . . . . . . Genetics Dissertation: "Taking Sorghum to New Heights: Identification of Genes Controlling Height Variation in Sorghum" John Mullet Chair. ..... Entomology Ordom Brian Huot. . . "Molecular and Biological Mechanisms of Host Plant Responses to an Insect Vector and a Bacterial Pathogen" Dissertation: Chair: Cecilia Tamborindeguy "Lions, Livestock, and Livelihoods: Understanding Human-Dissertation: Predator Relationships in Botswana" Chair: Amanda Stronza Ji Youn Jeong..... ...... Recreation, Park and Tourism Sciences Dissertation: "An Empirical Investigation into the Effects of Selected Price Heuristics on Tourists' Purchase Decisions in Three Different Cultures" Chair. John Crompton Mahnaz Kianifariz . . . "Transcriptome Analysis During Stem Development and Dissertation: in the A<sub>1</sub> Cytoplasmic Male Sterility System of Sorghum" Patricia E. Klein Chair. Co-Chair: Robert Klein Larissa Leigh Kitchens . ..... Wildlife and Fisheries Sciences Dissertation: "Origin and Population Connectivity of Yellowfin Tuna (Thunnus albacares) in the Atlantic Ocean" Chair: Jay Rooker ..... Wildlife and Fisheries Sciences Jennifer Purviance Leo . . "Modelling Environmental and Habitat Effects on Young Dissertation: Brown Shrimp Production in Galveston Bay, Texas, U.S.A. Chair: William Grant Co-Chair: Thomas Minello ...... Agribusiness and Managerial Economics Pan Liu....... "Essays on Risk Management Modeling with Applications Dissertation: to Energy Markets" Chair: Dmitry Vedenov ..... Agricultural Leadership, Education, Wei Lu . . . . . . . . . . and Communication Dissertation: "An Examination of Social Online Shopping Attitudes of Undergraduate Students Enrolled in the Department of Agricultural Leadership, Education, and Communications at Texas A&M University"

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Theresa P. Murphrey

James Lindner

Chair:

Co-Chair:

Humberto Martinez Montoya . . . . . . . . . . . . . . . . Wildlife and Fisheries Sciences Dissertation: "Spiroplasma and Its Interaction with Drosophila: Genome Sequencing and Analysis of Potential Fitness Effects of Naturally Infected Populations" Chair: Mariana Mateos Dissertation: "High-throughput Genotyping Analyses and Image-based Phenotyping in Sorghum bicolor" Chair. John Mullet Dissertation: "Meso-mammal Cave Use and North American Porcupine Habitat Use in Central Texas" Chair: Roel R. Lopez ...... Wildlife and Fisheries Sciences Marisela Moreno . . . . . "Retention Factors for Underrepresented University Dissertation: Students in the Natural Resource and Related Sciences at Texas A&M" Chair: Roel R. Lopez Ayoola Adebowale Onafowokan......Food Science and Technology "Impacts of Poultry Farm Management Techniques on Dissertation: Control of Salmonella" Chair: Christine Z. Alvarado Co-Chair: James A. Byrd Maura Evelyn Palacios Mejia . . . . . . . . . . . . . . . . Wildlife and Fisheries Sciences Dissertation: "Phylogenetics and Diversification of Sailfin and Shortfin Mollies (Mollienesia, Poecilia, Poeciliidae)" Chair. Gary Voelker Co-Chair: Michael Tobler Renato Jose Pires Machado..... Dissertation: "Myrmeleontidae (Neuroptera): Molecular Phylogeny and Taxonomic Review of the Subtribe Periclystina (Dendroleontini)" Chair: John Oswald Dissertation: "Endocytic Recycling Pathways in Aspergillus nidulans" Chair. Brian Shaw Sumit Sharma . . . . . . ..... Agronomy "Carbon, Evapotranspiration and Energy Balance Dynam-Dissertation: ics of Potential Bioenergy Crops Compared to Cotton in the Southern Great Plains' Chair: Nithya Rajan Dissertation: "Discovering Linearmycins in Bacterial Competition: Lysis, Autolysis, and Resistance" Chair: Paul Straight

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Sandra Khavi Truong	Genetics
Dissertation:	"Canopy Architecture and Performance Modeling in
	Sorghum bicolor"
Chair:	John Mullet
Co-Chair:	Peter Howard
Crystal Michelle Wate	ers Animal Science
Dissertation:	"Sorghum Bran as an Antioxidant in Frozen Meat and Poultry Products"
Chair:	Rhonda K. Miller
Co-Chair:	Jeffrey Savell
Xiaoyuan Xie	Biochemistry
Dissertation:	
Chair:	Dorothy Shippen

# Candidates for Master's and Baccalaureate Degrees

## College of Agriculture and Life Sciences

Presented by Dr. Mark A. Hussey, Dean

Department of Agricultural Economics

Master of Agribusiness

#### Agribusiness

Rodrigo Manuel Abed Mosciaro Chieh-Ting Chu Marcelo Coelho De Lima Thomas William Czarnecki Allison Marie Hamel Yan Li Macy Marie Moriarty In Jun Seo Jorge Luis Torrebiarte Sotomayor Carlos Miguel Torrebiarte

#### Master of Science

#### Agricultural Economics

Kwadwo Amponsah Amanda Marie Heath Jeong Je Joo Amy Michelle Loke Tianliao Ma

#### Bachelor of Science

#### Agribusiness

Sara Lyn Baker Colton Cooper Barnes Brock Anthony Bean Hannah Michelle Beneke Danielle Bracho Andrelle Lashae Brown Abby Marie Christian Gabrielle Leigh Cowart Anna Kathryn Dement Brooke Ellen Doherty Raymundo Donjuan, Jr. Javier Antonio Escobar Tyler Jonathon Feenstra Sean Michael Fletcher Christopher Michael Flournoy Carmen Michelle Harrity Layton Rose Hart \* Macy Leigh Herzog Austin Allen Hoelscher Stella Jen Ingham Dylan James Janek

Jan Kristen Johnson Clint Owen Kavanaugh Erin Leigh Kolinek Kalen Everette Malett Bryan Edward McLaughlin Jackson David McQueen Haley Lynn Moeller Tanner Lee Nix Baylee Renee Parks Brittany Elizabeth Parrish Tyler Joseph Reiley Collin Daniel Schroeder Madeline Renee Siegrist Reagan Lizabeth Smith Ashlee Mikayla Speaks Andrew Mackenzie Swink Corina Hope Ventura Jake Ryan Wear Emily Deeann Williams Ryan Mayes Young

<sup>\*</sup> Double Major

#### Bachelor of Science

#### Agricultural Economics

Madison Marin Acker Irery Jazmin Aguilar Chancelor Mauree Alexander Alexandria Morgan Andersen Sarah Nicole Arrington Jonie Raquel Bailey Corey Winston Banks Kristina Morgan Barber Connor David Beardmore Jordan David Berry Iessica Nicole Blankenship Colton James Bubela Mitchell Allen Byrum William Edward Campos William Gray Carter Elliot Warner Condos Elizabeth Carol Contreras Christine Rebecca Crowley Brooke Ashley Davis Madison Danielle Davis Emmanuel Del Pozo Kyle Granger Dewitt II Forrest Bradshaw Dyer Jonathan Aaron Ellison Meredith Louise Enloe Kendall Delanev Felps Katherine Marie Fisher Brandon Thomas Freeman Michael Nikita Fuentes Blake Rvan Garner Colton Claude Garrett Jose Manuel Gonzalez III Chase Matthew Gray Marshall Murrell Green Trevor Keith Groves **Iack Dalton Gumm** Graham West Henkhaus Emilio Hunter Hidalgo III Michelle Marie Holub Blake Carl Iessee Katherine Lee Johnson Rachel Virginia Johnson Rebekah Lee Jones Blakenev Edward Keller Chase Vincent Kern Tyler Karl Kiesling Youngho Kim Hailey Leath Kinsel Katelyn Chris Knepple Henry Campbell Kuehler Lauren Paige Littlefield

Victoria Eileen Ludolph Forrest Thomas Magee Justin Michael Mayes Logan Paul Maywald Trenton McCallie Trevor Allen McCarley William Ty McDonald Kegan Connor McFarland Spencer Murphy McHaney **Iared Matthew Mercer** Victoria Lee Merryfield Olivia Kaelynn Miller Jarred Brice Minshew Michael Joseph Mirabella, Jr. Krystal Rose Moczygemba Michael Austin Morrow Henry Rogne Nelson Kyle Davis Nelson Chance Wendel Nohavitza Casey Joe Parish Corey Bruce Parish Hunter Kane Patterson Morgan Brittany Pfeil Jenny Lynn Pospisil Ruth Camila Prudencio Aranibar **Emily Paige Pruitt** David Quintero Hailey Ann Rhodes Corina Isabela Rodriguez Monica Ann Rodriguez Nicholas Bradley Roy Courtney Lynn Salisbury Michael Anthony Sanchez, Jr. William Paul Schlobohm Lauren Ashleigh Schobel Laura Kathryn Schott Caitlin Bette Seifert Julian Alexander Selby Haley Nicole Socha Allison Elizabeth Stanley Zachary Clay Stewart Reid Allen Strnadel Jeffrey Heath Thomas **Emily Gail Thomason** Nolan Joshua Townsend Chase Austin Tucker Ryan Anthony Tuso Tarik Jamal Tyler Marissa Lynn Vader Andrew Jon Venghaus Zulma Waleska Vigil

Mitchell William VonBorstel Tv William Walsh William Tappen Walton Jonathan Charles Willberg

Grant Michael Winkelmann Casev Garet Woodfin William Riley Woodruff Hailey Alane Zimont

Department of Agricultural Leadership, Education, and Communication

Master of Agriculture

Agricultural Development

Paul Benjamin Bowers Kyle Francis Gilmore Mitchell Wayne Hill

Carlos Lucio Marcus Vincent Misztal

Master of Education

Agricultural Leadership, Education, and Communication

Kacie Fallon Gallegos

Lauren Rachelle Kirk

Master of Science

Agricultural Leadership, Education, and Communication

Matthew Lawrence Marr

Sharon Pardes Wagner

Bachelor of Science

Agricultural Communications and Journalism

Katelin Michelle Agnew Leah Marie Bauer Tandra Lee Bearden Parker Alan Brown Sabrina Renee Casas Kristina Michelle Cerda Hannah Grace Chute Morgan Leigh Crider Sarah Elese Dockery Lauren Nicole Flint Emily Elizabeth Foreman Melissa Leigh Franklin Sarah Kate Grider Megan Anne Haas

\* Callie Grace Henly Claire Mariel Huerta Brian Lowell Jones Madalynn Paige Kainer Julia Lynn Knight Sarah Jennifer Ledwig Brianne N. Magott Ruby Aracely Majano

Jacob Benjamin Martindale Remington Zane May Kathleen Frances Meredith Michaela Glynn Middleton James Bryan Palacios Emmali Nicole Pankonien Julianne Marie Percy Heather Michelle Plant Margaret Patricia Quam Callie Rae Rainosek Annelise Mary Sauer Ashley Jane Seidenberger Chase Ryan Shelton Sarah Kathleen Shillings Devika Singh Travis Nathaniel Stewart Alexis D. Stubblefield \* Paige Olivia Stuhrenberg Emily Paige Taylor Alicia Angelica Torres

Taylor Paige Young

<sup>\*</sup> Double Major

#### Bachelor of Science

#### Agricultural Leadership and Development

Eduardo Lee Aguilar Jessica Scarlet Askin Brady Alan Babin Brett Colton Bagley Alexander Scott Bailey Victoria Lee Barksdale Lawton Wayne Bean Iackson Hill Beshears Amanda Candace Bierman Truman Breed III Trent Wesley Cannon Tracy Erin Coonrod Jacob Campbell Doolittle Tyler Key Efurd Katie Lynn Eriksen James Micah Ethington Everett Forrest Findlay Elisa Anne Finger Jennie Rhenea Flasowski Bradley James Fleming Zachery Wall Ford Bret Michael Fox Haley Renee Fox Mary Katherine Frankson Raimond Thomas French Stephen Michael Gaines Jenna Lee Galliher Courtney Breanne Gipson Logan Thomas Gledhill \* Whitney Capri Green Natalie Elizabeth Grote Reagan Ashley Grubbs Colton Wade Haegelin Holly Ann Holsey Charlie Burnett Hurdt Jerrold Spencer Isfeld Russell Patterson Jenkins Joshua Ray Johnson Cole Allen Kilgore Matthew Creighton Kitchens

Tyler Robert Lysack Heather Lea Maass Cullen Michael Martin Jody Michelle Martin Ioshua Andrew McMullen Cari Anna Meinke Hayley Elise Meyer Holly Christine Mielke Daylon Scott Miller Colton Grav Mitchell Ethan Cole Mitchell Kallie Reanne Morris Daniel Austin Murany Nicholas Robert Pederson Erasmo Eli Perez Ioe Edward Perez John Luke Pipkin Andrew Culton Polk Seth Joseph Redding Reid Parker Rendon Allison Leigh Roby \* Bailey Kate Rogers Garrett R. Rose Chesley Michelle Rudasill Hannah Lee Rudder Kyle Garrett Saathoff Aaron Anthony Schott

Chesley Michelle Rudasill
Hannah Lee Rudder
Kyle Garrett Saathoff
Aaron Anthony Schott
Olivia Esther Shimkus
Lauren Rebecca Sigmon
Cody Kutach Smith
Haley Lane Spannagel
Garrett Riley Sproull
Melyn Kate Stary
Sadie Marie Summerlin
Megan N. Van Der Knaap
Katelyn Irene Wager
Hardreck Stepfvane Walker
Tyra Marie White
Sarah Anne Wolf

\* Dalton James Woodfin John Ashby Yates III

#### Agricultural Science

Lorrie Lynn Abels Amanda Mary Louise Boehnke Christopher Jon Coulombe Kelly Alison Dieter Wyatt Walker Gabrysch Megan Candace Guerrero Amanda Renee Hecox Shelby Lynn Howard Holly Brooke Kopplin

Carson Blake Leonard

Ashely Dawn Lewis

Alyssa Claire Laubacher Katelyn Alyssa McCants Kailey Brook Morrison Katie Marie Pagel Rebekah Julie Ring Haley Marie Schneider Kaitlin Danielle Shirley Sydney Stirling Sund Mikayla Cheyenne Wenzel

<sup>\*</sup> Double Major

#### University Studies

Anna Lee Alexander Nikki Lee Altmann Fallon Narelle Appleton Adam Christopher Austin Alberto Fernando Bautista Mark Ellis Blair Christina Kandace Chimento Kerra Shea Clement Tyler Blackwell Craven Kristin Caralee Diederich Dillon Chet Dye Lauren Nicole Dyer Leanne Elizabeth Flores Andre'na Devonne Fowler Gary Don Freemon II Julianne Christine Garcia William Clayton Gardner Christa Marie Genung John David Greenwald Randy Lynn Hightower Zebadiah Spencer Hornbuckle Kathryn Michelle Janicke Devin Christopher Jenkins Aaron Michael Kitchens Lauren Leigh Ladner

Jordan Elizabeth Langford Taylor Kristen Lucas Paula Lynn Madary David Aaron McBrayer Ian Michael Mejia Kaitlyn Nicole Miller Tavario Earnest Ptristian Miller Katelyn Marie Mize Michael Lloyd Muller II Elizabeth Lacy Nelson Lauren Kelly Peek Kaitlyn Ann Pittman Daniel Robert Reetz Cassandra Gabrielle Rozinsky Hallie Marie Virginia Smith Jennifer Ellen Stubbs Emily Elizabeth Thome Kathryn Jean Vanadore Zachary Stephen Vasek Leah Danielle Walker Shelby Lynn White John Thomas Wicker Nathan Christopher Wood

#### Department of Animal Science

#### Master of Agriculture

#### Animal Science

Mark Anthony DeWitt Emily Anne Ginn Brett Daniel Moriarty Shelby Ann Rod Joseph Edmond Van Hecke III

Katie Nichole Yelle-Arledge

#### Master of Equine Industry Management

#### Equine Industry Management

Cari Elizabeth Klostermann Paige Karlin Linne Sara Nicolaysen Palacios Laura Jean Parunak

#### Master of Science

#### Animal Science

Aeriel Danielle Belk Courtney Alicia Boykin Amelia Lynn Christian

#### Bachelor of Science

#### Animal Science

Ciara Kay Acton Stephanie L. Ahlemeyer Amber Danielle Alaniz Lauren Omega Anderson Caleb Holden Armstrong Paige Hazel Baker Lauren Amanda Bedrich Lily Suzanne Bertelsen Desiree Cristina Beverly Ellen Elise Black **Emily Christine Boesiger** Kate Lynn Boggan Jenna Leann Bottorf Lainey Elizabeth Bourgeois **Brooke Ellen Bowers** Shane Z. Britton Chelsea Leigh Brooker Kaila Tekkah Brooks Nicole Elyse Brooks Briana Danielle Bryson Darian Anne Bugai Tianti Lee Carter

**Josette Cervantes** Armathia Lynn Chapel Summer E. Churchill Kaitlyn Nichole Ciomperlik Ashley Kristine Corona Brandon Johnson Cronin Kristen Sloan Cullers Sue Ann Curtis Alexandra Mackenzie Dewyer Haley Lynn Ducote Sarah Ashley Earnest Autumn Brooke Eilers Kassie Len Ellis Elizabeth Ann Ennis Arturo Alexander Espinoza Jordan Marie Esquivel Elliott Beaty Farris Patricia Lucia Fichera Alexis Paige Fojtik Taylor Jacob Garcia Hayden Robert Garlin Rachel Jenine Garon Alyssa Marie Gentry Chandler C. Gilbert Taylor Nichole Godwin Marissa Vianey Gomez-Garza Savannah Ann Guthrie Kimberly Graciela Gutierrez Clayton Earl Hearrean

Elijah George Hernandez

Makayla Dawn Higgins Kade Matthew Hodges Brogan Christine Horton Megan Riley Hovland Lauren Kaye Humphries Christina Shantele Autumn Hunter Mason Avery Irvin Katherine Lynn Irwin Twila Marie Johnson Lvdia Iou Arthur James Knowles Meghan Lauren Lancaster Michelle Elizabeth Langley Jessica Taylor Lawton Alanise Shonte Lockett Justin Roy Long

Francisco Javier Lopez, Jr. Tana Bailey Luna Alexandra Grayce Mahaffy Teresa Salas Martin Mariel Nicole McFadin Kenneth Clyde McGuire Ariel Angelic Mendoza Brandon Dean Miller Madeline Grace Miller Katherine Marie Modrow Morgan Victoria Moreno Jessica Renee Morris Jennifer Nicole Murphy Collin Lee Nethery Quest James Newberry Braxton Lynn Norris Asucena Ochoa Jacob Adam Olsen Brooke Nicole Oxford Kaylee Lauren Paul Cassandra Ann Pena Dustin James Pendergrass Molly Louise Pluss Viktoria Danielle Pugnetti Kennedy Elise Purser Melodie Ann Raese Rubye Jacqueline Ramirez Julia Rose Rauschuber Samantha Nichole Rayne Katherine Anne Revnolds Alexis Nicole Roach Viviana Romero Guadalupe Elusai Sanchez Sarai Sanchez Kendall Hunter Schaefer

<sup>\*</sup> Double Major

Cody Robert Schneider Garrett Mason Schroeder Mackenzie Laine Scoggin Rachel Nicole Sembera Katelyn Nicole Smith Savannah Rustemier Smith Nicole Elizabeth Speeding Casey Renee Stanley Corrin Frances Stefanovich Kelly Danielle Sterling Hannah McKenzie Sykes Lauren Joy Te Velde Treyton Mitchell Tillman Drake Leigh Tobola Sharan Lea Tran Maci Ann Urban Iacob Montana Valenta Emily Elizabeth Van Raay

Will Allen Vann Mariana Vargas Noemi Aminta Velasquez Erika Victor Victoria Lee Villarreal Carolann Jeanette Wackerlin Kelsee Danielle Wade Travis David Wainscott Evelvn Anne Weaver Taylor Morgan Wenner Madisson Nicole Wiggins Taylor Audrey Williams Emily Morgan Willingham Brianna Nichole Willis William Douglass Wolf Tayler Makenzee Wright Cassidy Cheyenne Yanes

#### Department of Biochemistry and Biophysics

#### Master of Science

#### Biochemistry

Jacob Colton Lancaster

Leslie Michelle Patton

#### Bachelor of Science

#### **Biochemistry**

Sarah Morgan Bandy Luenn Chaparro Joseph Martin Cinclair Miranda Elise Freeman Valerie Michelle Gunchick Luis Arnoldo Gutierrez

- \* Teresa Nicole Hall
- \* Hyunjin Lee Yuhong Lin Lora Alexandra Moore
- \* Heather Nicole Newkirk
- \* Katherine Tu Ngoc Nguyen

Quang Xuan Nguyen Nana Fremah Ofori

- \* Hannah Nicole Otiker
- \* Colin Winston Denm Roper
- \* Hooriya Sulaiman Mary Margaret Taylor Rainie Tran
- \* Bradley Dean Upchurch
- \* Colin Winston Denm Roper Ethan Earl Woods Jonathan Taylor Yuen

#### Genetics

Jessica Bhandari
Jacob Scot Chamblee
Jennifer Bernadette Cuaderes
Bradley Mark Dsouza
Margaret Annette Garrett
Julia Sue Graham
Hannah Elizabeth Hagemann
Julia Melee Jones
Andrew John Klopfer
Sandra Ann Labonte

Rebecca Holly Lacour Lauren Nicole Manley Caroline Rose Matlock Nora Jane Ya McGuffey Hunter Neal Montgomery Prakruti Dilipkumar Rabadia Mason Bradley Raven Cristina Angelica Rodriguez Joshua Christian Sandoval Sara Margaret Shaw

<sup>\*</sup> Double Major

Catherine Elizabeth Smithson Caitlyn Mariah Thatcher Daniel Felipe Torres Edith Torres Nikita Anastasia Westberg Marvin Wirianto Matthew McGuire Wooten

Department of Biological and Agricultural Engineering

Master of Science

Agricultural Systems Management

Cale Matthew Rice

Bachelor of Science

Agricultural Systems Management

Daniel Joseph Abshire, Jr.
Andrew Jenson Allen
Rogelio Berrones, Jr.
Jacob Ryan Burr
Alfredo Cabrera
Clayton Chase Cammack
Chance Harrison Davenport
Zachary Ray Hendrix
Luke Foster Jimerson
Audrey Erin Kubena
Kaci Breanne Lysford
Mauricio Javier Martinez
Jaxton Reid McNair

Bailey Lane Millican Morgan Elizabeth Olivarez Juan Daniel Orocio Ryan Taylor Pinson Charles John Rimer, Jr. Mason Storm Robinson \* Peyton Lee Schaefer Taylor Scott Shearrer Keith Erwin Taylor Allison Ruth Thomason Ryan Edward Thompson \* Andrew Martin Volleman Jon William Wellmann

Department of Ecosystem Science and Management

Master of Natural Resources Development

Natural Resources Development

Monica Marie Griffin Alexander Perkins Smith Amy Ann Hansen Thomsen

Master of Science

Ecosystem Science and Management

Trevor Southard Reed

Bachelor of Science

Ecological Restoration

\* Cassidy Lauren Ince

\* Dalton Lee Owens

Forestry

Dillon Cole Briscoe

\* Marisa Lucia Collura
Nicole Alexandria Locke

Stuart Scott Morris
\* Clayton Phillip Sommerfeld

<sup>\*</sup> Double Major

#### Rangeland Ecology and Management

John Henry Barthelemy Alexandra Steele Brooks Gramm Woods Guillory Reed Franklin Leigh Adam Jered Ruland Christopher Eric Sestak Michaela Paige Smith Peter V. Tengi Daniel Aaron Weber Collin Wayne Weise Aaron Christopher Weishuhn Clay Ashby Whitaker

#### Renewable Natural Resources

Hayden Lawrence Adair Kellie Sims Anderson Louis Dabbs Barry Candace Lee Copeland \* Kyle Austin Dunk Ethan Alex Etter Monica Arlene Garthwaite Juan Pablo Garza Hunter Scott Kelly

Corbin Russell Abshier

Mason Andrew Miller

\* Zafir Faiz Nimji
Bryan Adam Patterson

\* Jaclyn Lee Robertson

\* Justin Frank Robertson
Russell Leon Rogers
Brian Murray Scherer
Kelsey Beth Steffek
Franklin Tucker Urech
Eric Nathaniel Woolsey

#### Spatial Sciences

Syed Faizan Taqui Askari Jonathan Daniel Haislip

\* Ashley McGregor

Wesley John Maresh Kyle David Steele

#### Department of Entomology

#### Master of Science

#### Entomology

Louise Alison Cuttiford Claire Helen McKenna Jason Larry Thomas Le Zheng

#### Bachelor of Science

#### Entomology

Alexis Zhane Allen Javier Cantu, Jr. Elaine Wong Chu Colton Ryan Cooper Erika Lauren Davila Gustavo Miguel Flores Charley Danyel Gates Kristina Lorraine Gonzalez \* Shelby Kerrin Kilpatrick Lauren Esther Tapia Krupa Kaitlynn Mauree Ogg John Colby Shodrock

#### Forensic and Investigative Sciences

Jasmin Rae Arevalo Caleb Barrington Bickham Renee Po Yu Chu Julia Munson Cook Amy Marie Cooper Journey Nicole Ewell

Molly Rose Gilliam Grace Christiana Gonzalez \* Casey Ann Hearn Brandon Thomas Hoyer

Brandon Thomas Hoyer Katherina Autumn Kang Chauncey Keano LaBoo

<sup>\*</sup> Double Major

Riley Scott McBroom Jack Baker Peabody Jennifer Grace Pecina Selena Saray Portillo Zayra N. Ramos Kevin Joseph Taylor Tanner Truelove Kiana Lyn Valenti Alexandra Paige Williams

#### Department of Horticultural Sciences

Master of Science

Horticulture

Noorani Barkat

Plant Breeding

Laura Elizabeth Brown

Bachelor of Arts

Horticulture

Joey Lee Beasley Margit Anita Beasley Kaitlyn Cooper Bransom Kourtney Glynn Collins Angelina Terese Dennehy Catherine Suzanne DuBose Patricia Ann Friesenhahn Emily Cheyne Lay Clare Therese Marshall Kayln ReAnn Mitchell Bethany Nicole Scamardo Jamie Lynn Souza

#### Bachelor of Science

#### Horticulture

Michael Taylor Bryant Hermelinda Castro Hannah Chyann Cunningham Victoria Soledad De Leon Rose Therese Egan Chloe Lynn Grigsby Keith Andrew Howerton Morgan Ashley Pfeil Madison Nicole Ruhland Erin Nicole Schroeter Kathryn M. Tranchina

Department of Nutrition and Food Science

Master of Science

Food Science and Technology

Lindsay Rose Ward

Tianyu Yao

Master of Science

Nutrition

Sally Avison Graham

Julia Ou

#### Bachelor of Science

#### Food Science and Technology

Audrey Anne Amescua Imani Janee Anderson Clinton Channing Barnes Sydney Anne Barrera Victor Ernesto Boillat Kaitlyn Marie Duke Victor M. Flores Claire Elizabeth Gaudsmith Nicholas Ryan Keller Jessica Lynn Pflum Brianna Nicole Pierce Amanda Marie Rothbauer Joseph McClinton Stewart Sayada Sumaiya Turna Joshua Robert Sutton Joel A. Swanson Cameron Cole Taylor Alejandra Ward Reina Vivian Wong Claudia Gizelle Yebra

#### Nutrition

Eric Jude Alvarez Brody Vest Chambers Laura Elizabeth Cormier Freddy Junior Espejel, Jr. Maria Laura Fernandez

#### Nutritional Sciences

Victoria Marie Ball Amanda Ruth Beaver Erin Cathleen Berger Erica Kristen Berkey Ambreen Ayub Bhimji Marci Leann Boyette Kiley Shea Braune Katelyn Marie Brosseau Mercedes Isabel Cabanilla Cassidy Jean Camiscione Carley Matkins Carpenter Megan Taylor Carreon Eric Francisco Castañeda Peña Cameron Cole Conner Lauren Elizabeth Cook Robin Elaine Crawford Ashley Victoria Daspit Bailey Amanda Dendy Erin Elizabeth Dooley Madeline M. Drake Nicaela Durelle Duppstadt Marisa Julia Eaton Theresa Marie Fenner Sophia Virginia Franks Priya Sushil Gandhi Isaac Daniel Garcia Shealynn Lavey Gervan-Brown Amber Selina Giles Annie Dodson Gilliam Rachel Elaine Green Mary Nicole Gunnels Jared Wade Hamilton Amy Elizabeth Hammack

Kaylan Michelle Harris Meagan Nicole Hollingsworth Abby Caroline Holloway Haley Christine Howard Alyssa Nicole Ivey Rachael Anna-Lisa Jagdeo Jenna Lynn Jeffrey Taylor Matthew Jordan Hailey Rose Kalina Sandi Michele Lara **Emily Ann Martin** Mattie Lee McGowan Kaitlin Emily Meschke Erin Ann Miller Guadalupe Esmeralda Mojarro Nazish Karim Momin Hermione Yamvo Monie Jennifer Abigail Munguia Angelique Carina Munoz Nezar Kari Nashef Marvia Romanovna Nassonova McKayla De'Shae Nelon Frederick Tam Nguyen Kelly P. Nguyen Natalie A. Nowland Cortney Elizabeth O'Rear Caitlyn Rebecca Oligney Viridiana Montserrat Olmos Jacquelyn Marie Parker Tori Elizabeth Parsons Angelica Renee Patton Gabrielle Marie Ploth Victoria Lynn Quintana

McKenzie Nicole Ramirez Elissa Marie Richter Janeth Guadalupe Rios Jacolby Deandre Robinson Erika Joelle Rocke Sarah Ayman Rustom Ganesh Shiyaram Shelby Madison Smith Ashley Renee Steinbach Tina Tran Sarah Elizabeth Tribble Leslie Jean Tuggey Jorie Layne Weinheimer Grace Caroline Whitmer

#### Department of Plant Pathology and Microbiology

#### Bachelor of Science

#### Bioenvironmental Sciences

Brandon Shaun Adkisson Matthew Douglas Bancroft Madalyn Dene Beach Katrina Jean Benwell Leanne Alicia Birchfield Gaston Emilio Bracamontes Ion Weston Bustetter Thuy N. Chau Urvi Manish Chikhliya Brian Thomas Christensen Brooks J. Craven Genaro Espinoza, Jr. Christian Huntt Eubanks Ianelle Helene Ferrence Joseph Theodore Foster Contessa Nicole Gay Katie Frances Giles Christopher Allan Gold Cooper Bryant Goodman Kelby Wade Gowin Alexis Brooke Hamberg Annette Grace Harpole

Jeff Chidi Ihekere
Neena Johnson
Franko Jonker
Colette Mariam Khouri
\* Spring Annette Laferriere
Briana Elaine Lindsley
Lindsey Elizabeth Luetge
Lili Martinez
Alyson Micole Miranda
Waajid Mohammad
Shiann Michelle Musick
Christopher Kenneth Roberts
Stephanie Romo

Alejandra Sarahi Ibarra

Stephanie Romo Brett Caleb Selensky Kenneth Colten Sommers Kaitie Ruth Sorenson Jason Alexander Stevens Joseph Garrett Vasselli Miguel Vega

\* Eva Zapletal

#### Bachelor of Science

#### Environmental Studies

Jeffrey Charles Dundas David Paul Griffith Emily Claire Millar Joyce Hsue Ni Cameron Aaron Palmer

University Studies

Blake Anthony La Rue

Department of Poultry Science

Master of Agriculture

Poultry Science

Matthew Wayne Mooman

<sup>\*</sup> Double Major

# Master of Science Poultry Science

#### Juan Carlos Suarez Martinez

#### Bachelor of Science

#### Poultry Science

Meagon Alycia Beckerwerth Katie Louise Bennett Alexis Marie Carpenter Paola Correa Eryn Lilly Crow Kimberly Nicole Gardner Kari Rhea Kuykendall Dalton Joseph Moravits Alyssa Sachie Nakamura Taylor Rey Pemelton Lacee Desirae Popham Heidi Nicole Ritter Stephen Zane Smith Eric Benedict Sobotik Sarah Elizabeth Sowell Micah Anne Stahlman Amy Renee Tiner Joshua Wayne Vincek Victor Gene Voyce

#### Department of Recreation, Park and Tourism Sciences

#### Master of Science

#### Recreation, Park and Tourism Sciences

Sarah Noel Angell Lindsey Elise Carey Kristen Nichol Grant Julie Michelle Kircher Gerry M. Logan, Jr.

#### Bachelor of Science

#### Community Development

#### Matthew Holden Hudson

Anh Thu Thi Huynh

#### Recreation, Park and Tourism Sciences

Tessa M. Bagnasco Angelica Barron Kaley Nicole Bell Katelyn Coty Birkelbach Stewart Alan Bittle Emma Margaret Black Jacqueline Blaine Bounds Kira Madison Braune Claire Alexis Brown Kyle Charles Bush Shelby Layne Carter Calley Elizabeth Causey Reginald Aristeus Chevis Colten Reed Conner Rowan Angel Cooper Eirin Alexandra Cox Connor Lyle Croasdale

India Tyreaa'y Daniels Melissa De Hoyos Kari Lyn Dockray Caitlyn Taylor Donahue Sarah Elizabeth Doyle Michael Joseph Dvorak Miguel Eduardo Feraudy, Jr. Dean Alan Fletes **Emily Claire Frazelle** Amy Linda Gonzalez Aurelia Maria Gracia Jack Hardy Harper III Gabrielle Nicole Hawkins Madison Lauren Havnie Tara Marie Hlavinka Ashley Nicole Homeyer Lance Eugene Jackson

<sup>\*</sup> Double Major

Brianne Nicole Jones Craig Stephen Kosewick Ariel Elise Langford Katherine Michelle Lawrence Brandon Drew Leasure Rebekah Clare Lessmann Samantha Elizabeth Lipscomb Shelby Elizabeth Lowell Maxim Lunkin Jessica Whitney Macaulay Jessika Marie Magaro Christopher Austen Paris Mahaffey, Jr. Hannah Adeline Mayfield Lacey Elizabeth Mayfield Mikayla Nicole McMahan Logan Elizabeth McPhail George Frank McSweeney Anna Christa Melfi Amanda Brooke Menn Mary Aleda Milkie Zachary Adam Miller Clanci Jone Mitchell Derek Nathanael Mudd Amy Lydia Nichols Ethan Alexander Oliver

Emma Elizabeth Pace Mervl Rose Parks Kelly Paige Plato Taylor Leigh Poehl Meagan Elise Poland Ryan William Powers Jordan Dell Prihoda Sarah Meagan Pruski Sarah Elaine Richardson Mary Kate Rovenstine Blanca Rosa Salazar Kevin Lee Sawyer Jennifer Christine Scamardo Sava Sipe Courtney Nicole Siska Casey Allen Skalaban Alaina Grace Smith **Emily Jayne Steger** Dara Madylen Thomas Kendra Marie Upton Emmanuel Alejandro Valverde Amber Hong Ánh Vo Abigail Hope Wall Shaan Ellis Lee Washington Thomas Barry White II Michael Joseph Youngblood

#### Department of Soil and Crop Sciences

#### Master of Science

#### Agronomy

Melanie L. Aiosa Justine Lee Christman Lauren Gale Woloohojian

Molecular and Environmental Plant Sciences

Mustafa Cilkiz

Plant Breeding

Manuel Michel

Bachelor of Science

#### Plant and Environmental Soil Science

Robert C. Chapa James Connor Cross Zachary Mitchell Dickson Omar Yassin Elhassan Adryn Ann Foster-Velasquez Jonathan Alfred Hernandez Ryan Michael Leggett Vanessa Yvonne Limon \* Sydney Elizabeth O'Daniel Brady Stenson O'Neal Kimberlyn Michelle Pace James Ryan Roundtree

<sup>\*</sup> Double Major

Isaac Jose Silva Jonathan William Stanush Marshall Ray Tolleson Martin Dean Tomlin Tri Tien Tran Rory Christina Tucker Stephen Christopher Vansile \* Matthew Jacob Wilhelm

#### Turfgrass Science

Trevor Joseph Austin Kevin James Hejl Colton Ryker Shelton

Department of Wildlife and Fisheries Sciences

Master of Science

Wildlife and Fisheries Sciences

Tymon Daniel Bloomer Helen Trice Davis Haley Nicole Kokel Danielle Carter De Macedo Iliana Marie Mock Brittany Lynn Peachey Frances Grace Withrow

Bachelor of Science

#### Wildlife and Fisheries Sciences

Rachel Catherine Avildsen Alondrita Barron Shelby Nicole Biefeld Sammi Leigh Billman Erin Reed Brinkley Trestan Hunter Bryant Christopher Gene Campbell Maria Paola Camposeco Christina Hope Carroll James Scollin Cash Brooke Irene Chapman Jamie Louise Cooper Makayla Cheyenne Cowan Wendy Diaz Jasmin Diaz-Lopez Kaitlyn Nicole Forks Aaron Strausser George Hannah Carise Gerke Grace Mary Gilbert Torrye Dahne Glaser

\* Jalyn Aliah Golden Aleksa McKay Greenawalt Trey Edward Johnson LaShwanique Moné Kenneybrew Jaime Leigh Kortum Michelle Samantha Le Justine Laurel Lee Renato Lule, Jr. Alyssa Danielle Madrid Anyssa Marina Martinez

- \* Audrey K. McCrary Pearson Alexander McGovern Alison Marwan Nasr Collin James Newberry Ricardo Orozco Marissa Elena Ortega **Iames Cecil Ramirez** Michael Shae Reed Matthew Laurence Reiss Arturo Rodriguez Lauren Elizabeth Roese Jessica Lynn Sannwaldt Shonee Blair Schattle Alyssa Nycolle Schultz Emily Lillian Stanzel Nickole Charise Steffan Meredith Jane Stroud
- \* John Hunter Thompson Taylor Bethany Verrett Sarah Grace Welch
- \* Koby Chandler Wulfjen Ethan Kyle Zezula

<sup>\*</sup> Double Major

## Foundation Honors

Students graduating with Foundation Honors must have completed at least one Honors course in each Core Curriculum area required by the University. Students must maintain at least a 3.5 cumulative Grade Point Ratio with at least a 3.25 Grade Point Ratio in Honors coursework.

## Honors Fellows

Students graduating with Honors Fellows must have completed at least 30 hours of Honors course credit, including 9 hours in the University Core Curriculum and 12 hours in 300-400 level courses. Additionally, all Honors Fellows have completed a capstone project. Honors Fellows are required to remain active with the Honors Student Council and make an annual update to their ePortfolios. Students must maintain at least a 3.5 cumulative Grade Point Ratio with at least a 3.25 Grade Point Ratio in Honors coursework.

	DC CI
	BS Chemistry
	BA English
Micaela Estell Allen	BED Environmental Design
	Architectural Studies
Centura Rohini Anbarasu	BS Biomedical Sciences
Randy Ardywibowo	BS Electrical Engineering
Jacob Brese Arnett	BS Economics
Mikayla Elise Barry	BS Biomedical Engineering
Natalie Renee Black	
Catherine Leigh Bristow	BS Biomedical Sciences
Caroline Elizabeth Brooks	BS Mechanical Engineering
Amanda Kathleen Brown	BS Psychology
Claire Alexis Brown	BS Recreation, Park and Tourism Sciences
Briana Danielle Bryson	BS Animal Science
Adam Richard Burkhard	BS Chemistry
	BSN Nursing
	BS Meteorology
	BS Biomedical Sciences
Mary Alice DeVillez	BBA Marketing
Chloe Paige Dixon	BS Electrical Engineering
	BS Mechanical Engineering
	BS Mechanical Engineering
James Albert Felderhoff	BS Aerospace Engineering
Jane Frederick	BS Biomedical Engineering
	BA Psychology
	BS University Studies
	BS Wildlife and Fisheries Sciences
	BS Aerospace Engineering
	1 0

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Sarah Elizabath Cibean	BS Biomedical Engineering
Coorgo Francis Cillotto II	BS Civil Engineering
Nathanial Maara Claser	BS Civil Engineering
Stanban Eric Clambielei	BS Biomedical Sciences
America Grandina Company	DC Co sigla
Amanda Josephine Gomez	BS Sociology
Alexander Tang Goodsett	BS Biology
Anna Beatrix Gould	BA Psychology
	BS Political Science
Sarah Mireille Hammock	BS Chemical Engineering
Jessica Ann Hanson	BS Biomedical Engineering
Dustin Thomas Hoang	BS Biomedical Sciences
Anthony Scott Hresko	BS Mechanical Engineering
Malynn Anne Punsalan Ilanga	BS Biomedical Sciences
Jill Marie Jackson	BA Psychology
Derek Anthony Janak	BS Electrical Engineering
Dominic Isaiah Jarecki	BS Mechanical Engineering
Shelby Kerrin Kilpatrick	BS Entomology
Blake Austin Leiker	BS Mechanical Engineering
Kimberly Kathryn Lennox	BS Biomedical Engineering
ChunChen Jason Lu	BS Biomedical Sciences
Alex Rvan Luna	BA Communication
Abby Michelle Malkey	BS University Studies
Antoine Marc	BS Molecular and Cell Biology
Teresa Salas Martin	BS Animal Science
	BS Biology
Bradly Adam Mendez	BS Biomedical Sciences
Joseph Wayne Merritt	BS Physics
Lorna Min	BS Biochemistry
Colton Tyler Miori	BA International Studies
Alveon Micolo Miranda	BS Bioenvironmental Sciences
Mahak Mithani	BS Dioenvironmental Sciences
	BA International Studies
A Jama Mishagal Massaga	BS Physics
Adam Michael Navara	BS Biomedical Engineering
	BS Biomedical Sciences
	BA International Studies
	BS Biomedical Sciences
Parker Dearing Peelen	BS Industrial Distribution
Rebecca Grace Pitman	BED Environmental Design
	Architectural Studies
Regan Lee Puckett	BS Biomedical Sciences
Farid Saemi	BS Aerospace Engineering
Kendall Hunter Schaefer	BS Animal Science
Meghan Ashley Shanks	BS Mathematics
Jonathan Andrew Smith	BS Applied Mathematical Sciences
Catherine Elizabeth Smithson	BS Genetics
Brennen Ray Taylor	BS Computer Science

Jordan Lissette Thomas	BA Biology
Carlos Eduardo Tovar	BS Biomedical Engineering
Barbara Tsao	BS Biomedical Sciences
Diana Teruko Vaught	BS Psychology
Samuel Bond White	. BBA Supply Chain Management
Ellen Nicole Wimmer	BA Psychology
Craig Thomas Wolf	BS Electrical Engineering
Bailey Jordan Woods	BA English
Bailey Jordan Woods	BA English
Omar Michael Wyman	BS Biomedical Engineering

#### Latin Honors

Students graduating with Latin honors distinctions have enrolled in and successfully completed a minimum of 60 undergraduate semester hours required for the baccalaureate degree. The category of Latin honors attained is determined by grade point ratio of all college hours attempted, excluding transfer hours. The categories are as follows:

*Cum Laude:* A student may be graduated *Cum Laude* with a Grade Point Ratio of 3.50 to 3.699.

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

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

#### Honors Stoles

Texas A&M undergraduates who complete the requirements for any of the distinctions listed above or for college- and departmental-level honors programs are awarded a gold satin stole to wear with their commencement robes. The university presents the stoles to honors graduates in recognition of their accomplishments.

# Undergraduate Research Scholars

The Undergraduate Research Scholars program provides motivated undergraduates the opportunity to engage in quality, in-depth research experiences. Over two semesters Scholars work with faculty mentors to produce a formal undergraduate research thesis and a public presentation of their research results.

Anas Akram Abu-Odeh	
	BS Biomedical Sciences
	BS Biology
Randy Ardywibowo	BS Electrical Engineering
Allison Ruth Badgett	BS Computer Engineering
Britton Rae Barbee	BS Molecular and Cell Biology
Louis William Barber	BS Electrical Engineering
Mikayla Elise Barry	BS Biomedical Engineering
	BA English
	BS Genetics
	BS Biomedical Sciences
Katherine Christophers Bornman	BS Economics
Heather Lauren Brooks	BS Chemical Engineering
	BS Environmental Geoscience
	BS Psychology
	BS Biomedical Sciences
Briana Danielle Bryson	BS Animal Science
Kayla Leann Bull	BA Psychology
	BS Chemistry
Lily Joy Campbell	BS Meteorology
Maria Paola Camposeco	BS Wildlife and Fisheries Sciences
	$\ldots$ . BS Wildlife and Fisheries Sciences
	BS Petroleum Engineering
	BS Computer Science
	BS Forensic and Investigative Sciences
	BA English
	BS Chemistry
	BA English
John Campbell Craig	BS Geology
	BS Electrical Engineering
Kaela Marie Demmerle	BS Geology
John David Derner	BS Chemical Engineering
	BS Wildlife and Fisheries Sciences
Jose Pablo Dominguez	BS Electrical Engineering

Alexandra Danielle Easley	BS Biomedical Engineering
Augustus John Ellis	BS Mechanical Engineering
Francisco Abram Espinal	
Clella Deanna Evans	
Laura Beth Everett	
Kimberly Marie Fayard	BA English
Common O'Constanting	DC Ma alami al Engine
Conner O'Grady Fear	b5 Mechanical Engineering
Santiago Andres Forero	BS Biomedical Sciences
Kaitlyn Nicole Forks	
Jane Frederick	BS Biomedical Engineering
Eric Allen Fris	
Joshua Thomas Fuller	BA Psychology
Katherine Ann Gaubert	BS Interdisciplinary Studies
Ann Rachel George	BS Biomedical Sciences
Hannah Carise Gerke	
Daniel Goncalves Ghan	
George Francis Gillette II	
Cassidy Nicole Gobbell	BS Biomedical Engineering
Jalyn Aliah Golden	RS Wildlife and Fisheries Sciences
Amanda Josephine Gomez	
Yan Ming Gong	
Evan Sebastian Gonzalez	BS Nuclear Engineering
Katelyn Elaine Goodroe	BS Biomedical Sciences
Anna Beatrix Gould	
Chaance Terrell Graves	
Brooke Richmond Griffin	
Yun Guo	BS Electrical Engineering
Lawson Bode Hamilton	BS Political Science
Sarah Mireille Hammock	BS Chemical Engineering
Jessica Ann Hanson	BS Biomedical Engineering
Rebecca Claire Harlow	
Garrett James Harmon	
Mackenzie Faith Hartman	
Derek Winter Heidtke	
Amin Reza Heravi	RA Biology
Keren Herrera	RS Microbiology
Benjamin Zachary Heymann	
Designation Lactuary Treymanii	DC Coordination
Benjamin Wayne Hill	b5 Geophysics
Analise Marie Hollingshead	
Nicholas Doran Holloway	BS Biology
Audrey Lea Housson	BS Geology
Anthony Scott Hresko	BS Mechanical Engineering
Dominic Isaiah Jarecki	
Heidi Evelyn Jauregui	BA International Studies
Jenna Lynn Jeffrey	BS Nutritional Sciences
Grace Nicole Jones	
Madalynn Paige Kainer	
, 0	and Journalism
	,

Matias Sanjoon Kalasurad	BS Electrical Engineering
	BS Ocean Engineering
Alexander Wilson Kelley	BS Computer Science
Brian Soiin Vim	BS Psychology
Olivia Flizaboth King	BS Psychology
	BS Sociology
	BS Geography
	e
Crogory Brandon Vrunit	BS Geology BS Computer Science
Daniel Andrew Latuney	
	BS Biomedical Engineering
	BS Electrical Engineering
	BS Electrical Engineering
Kyla Joseph Loyka	BS Electrical Engineering
	BS Biomedical Sciences
Juan Farnanda Luna Laán	BA History
	BS University Studies
Tyler Stephen Marr	BS Mechanical Engineering
	BS Mechanical Engineering
	. BA Telecommunication Media Studies
	BS Applied Mathematical Sciences
	BS Environmental Geoscience
David Harrison Miller	BS Triysics
	BS Biochemistry
	BS Computer Science
Lora Alexandra Moore	BS Biochemistry
Madison Lee Moore	BS Urban and Regional Planning
	BA Philosophy
	BS Biomedical Sciences
	BS Health
	BS Biomedical Engineering
	BS Psychology
	BS Biochemistry
Branden Le Nouven	BS Kinesiology
	BA International Studies
Oluwaseyifunmitan Modupeolu	
	BS Geology
Samuel Stephen Olivier	BS Nuclear Engineering
Marissa Elena Ortega	BS Wildlife and Fisheries Sciences
Edgar Daniel Oviedo	BS Electrical Engineering
Vanessa Marie Page	BS Biomedical Engineering
Trevor Drake Parker	BS Nuclear Engineering
Hayden Thomas Parsley	BS Economics

Sarah Rachelle Patron	BS Psychology
Hannah Abigail Pearce	BS Biomedical Engineering
Pengcheng Pi	BS Electrical Engineering
Heather Michelle Plant	BS Agricultural Communications
Treather Michelle Flatt	and Journalism
Steven Ramos	BA Anthropology
Erica Michale Renfrew	RS Riology
Andrew William Richardson	
Haley Jordan Richey	BS Sociology
Joshua Thomas Ruff	RS Flectrical Engineering
Cynthia Marie Obelenis Ryan	RS Civil Engineering
Natalie Elizabeth Satterfield	RS Microbiology
Kendall Hunter Schaefer	RS Animal Science
Alyssa Nycolle Schultz	BS Wildlife and Fisheries Sciences
Nicole Nadine Schultz	BA English
Christine Michelle Serewis-Pond	
Meghan Ashley Shanks	
Andrew Robert Singer	BS Computer Engineering
Jonathan Andrew Smith	BS Applied Mathematical Sciences
Catherine Elizabeth Smithson	BS Genetics
Katy Lynn Spencer	
Renee Copland Swischuk	. BS Applied Mathematical Sciences
Nian Wei Tan	BS Petroleum Engineering
Brennen Ray Taylor	BS Computer Science
Jordan Lissette Thomas	
Yicheng Tong	
Tri Tien Tran BS P	lant and Environmental Soil Science
Jenny Truong	
Barbara Tsao	
Bradley Dean Upchurch	BS Biochemistry
Gerardo Valenzuela	BS Geophysics
Jane Joy Varkey	BS Biomedical Sciences
Diana Teruko Vaught	BS Psychology
Justin Dylan Vogl	
Daniel Joseph Welch	BA History
	BS Visualization
Christian Barrett Williams	
Bailey Jordan Woods	BA English
Omar Michael Wyman	BS Biomedical Engineering
Russell Rayshing Yang	
Yuan-Peng Yu	

# Academic Regalia

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

#### Ceremonial Mace

gown with the blue of Philosophy on the front and hood.

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

# Gonfalons

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

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

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

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

**College of Education and Human Development.** The flourishing flame blazoned with gold, light blue and royal purple signifies the burning zeal of the three missions of education--teaching, research and service. The hands hold the spiritual, social and intellectual flame of education.

College of Engineering. As the triangles collaborate alongside each other, projecting a diamond shape, they depict the strong relationship between the diverse engineering disciplines. The use of mathematics, science and technology provide the foundation of solving today's challenging ideas between and within each engineering department. The center illustrates a circuit board to express the continuing growth in technology and engineering today, resulting in new industries and opportunities. The cohesive elements of this design work together as a whole symbolizing communication, interaction, teamwork, and balance in Engineering as the green, blue and navy color palette represents energy, loyalty, wisdom, professionalism and ambition.

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

**Bush School of Government and Public Service.** The star symbolizes pride and heritage in our great state of Texas. The two lines on either side of the star represent our connection with the past, and with the future, in an effort to build on experiences from history, while contributing and presenting new opportunities to future generations.

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

**College of Medicine.** The white field provides a background for the Aesculapian staff and serpent, long used as the symbol of the healing arts. The green color is the same displayed on the hoods and robes worn for the degree of Doctor of Medicine.

**College of Nursing.** The stars on the College of Nursing gonfalon represent caring, innovation and empowerment, while the cross symbolizes the origins of nursing. The candle honors the founder of nursing, Florence Nightingale. Apricot is the color of nursing.

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

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

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

# "The Spirit of Aggieland"

#### By Mimms-Dunn

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

#### Chorus

We are the Aggies—the Aggies are we, True to each other as Aggies can be. We've got to fight, boys, We've got to fight! We've got to fight for Maroon and White. After they've boosted all the rest, They will come and join the best, For we are the Aggies—the Aggies so true, We're from Texas A M U.