



# SPRING RECOGNITION CEREMONY

MAY 7, 2025

“FROM **PROMISE** TO **ACHIEVEMENT**”





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## **TODAY'S EVENTS**

### **Welcome & Introduction**

by Dr. Jonathan Kotinek,  
Director, Honors Academy

### **Student Awards**

Brown Foundation-Earl Rudder Memorial  
Outstanding Student Award

Robert M. Gates-Muller Family  
Outstanding Student Award

The Class of '80 Core Value Award for Selfless Service

Undergraduate Research Scholars  
Outstanding Thesis Awards

### **Faculty Awards**

Wells Fargo Honors Faculty Mentor Award

Director's Award for  
Outstanding Service to Honors Programs

Betty M. Unterberger Award for  
Outstanding Service to Honors Education

### **Distinctions and Graduate Recognition**

### **Reception with Refreshments**





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# GRADUATE RECOGNITION STAGE PARTY

## College of Agriculture & Life Sciences

Honors in Agricultural Economics .....Ronald Crowe  
Leadership Honors.....Jordan Slocum  
Honors in Entomology..... Craig Coates  
Honors in Forensic Investigative Sciences.....Adrienne Brundage

## College of Architecture

Honors in Architecture .....Weiling He

## College of Arts & Sciences

Honors in Biology.....Kathy Ryan  
Honors in Communication & Journalism .....Nancy Street  
Honors in English..... Sarah Borden  
Honors in Philosophy ..... Linda Radzik  
Honors in Psychology & Brain Sciences ..... Shari Chambers  
Honors in Society, Ethics & Law ..... Linda Radzik  
Liberal Arts Cornerstone Honors..... Christian Brannstrom

## Mays Business School

Business Honors ..... Claire Raabe

## College of Engineering

Engineering Honors.....Kristi Shryock & Mary Beth Graham

## Bush School of Government & Public Service

Honors in International Studies..... Bob Shandley  
Honors in Political Science..... Bob Shandley

## College of Nursing

Honors in Nursing.....Angela Mulcahy



# STUDENT AWARDS

**Brown Foundation-Earl Rudder Memorial  
Outstanding Student Award**  
*and*

**Robert M. Gates-Muller Family  
Outstanding Student Award**

Presented by:  
Dr. Gisele Cardoso de Lemos  
Program Manager, Office of National Fellowships

**The Class of '80 Core Value Award  
for Selfless Service**

Presented by:  
Maj. Gen. Ret. Ken Jones '80 and Mr. Phil Gougler '80  
Class of '80 Agents

**Undergraduate Research Scholars  
Outstanding Thesis Awards**

Presented by:  
Annabelle G. Aymond,  
Associate Program Director,  
Office of Undergraduate Research





# STUDENT AWARDS

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## BROWN FOUNDATION-EARL RUDDER MEMORIAL OUTSTANDING STUDENT AWARD

Through a gift from the Brown Foundation of Houston, Texas, the Brown Foundation-Earl Rudder Memorial 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. 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 Spring Recognition Ceremony.

## 2025 NOMINEES

**Brittley Bowers**, College of Agriculture and Life Sciences

**Zachary Hoelscher**, College of Agriculture and Life Sciences

**Diego Sepulveda-Allen**, College of Arts and Sciences

**Jackson Baker**, College of Arts and Sciences

**Luis Becerra**, College of Engineering

**Peyton McElroy**, College of Nursing

**Sahale Eubank**, College of Nursing

**Emily Flowers**, College of Veterinary Medicine & Biomedical Sciences

**Olivia Baptiste**, College of Veterinary Medicine & Biomedical Sciences

**Ryan Williamson**, Mays Business School

**Swapnil Dash**, Mays Business School

**Elaina Park**, School of Public Health

**Varun Singh**, School of Public Health



# STUDENT AWARDS

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## ROBERT M. GATES-MULLER FAMILY OUTSTANDING STUDENT AWARD

Through a gift from the Muller Family of Galveston, Texas, the Robert M. Gates-Muller Family Outstanding Student Award was established to honor former President Robert Gates and to provide public recognition to outstanding senior students graduating each year from Texas A&M University.

Each college may nominate one student to be considered by a special committee. 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 Spring Recognition Ceremony.

## 2025 NOMINEES

**Luke Bludau**, College of Agriculture and Life Sciences

**Ana Gou**, College of Arts and Sciences

**Samantha Lo**, College of Engineering

**Elise Foral**, College of Nursing

**Hudson Boyd**, College of Veterinary Medicine & Biomedical Sciences

**Ryan Williamson**, Mays Business School

**Elaina Park**, School of Public Health



# STUDENT AWARDS

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## THE CLASS OF '80 CORE VALUE AWARD FOR SELFLESS SERVICE

Through a gift from the Class of 1980, the Class of '80 Core Value Award for Selfless Service was established to honor the senior who best exemplified the core value of selfless service.

Each college may nominate one student to be considered by a special committee. From these nominations, the committee selects the award recipient. Final selection for the award is subject to approval by the President.

### 2025 NOMINEES

**Megan Dean**, Bush School

**Cole Baerlocher**, College of Agriculture and Life Sciences

**Kayla Sidik**, College of Architecture

**Mariana Ruffo**, College of Arts and Sciences

**Anish Easwaran**, College of Engineering

**Alec Farris**, College of Engineering (nominated by Student Affairs)

**Sahale Eubank**, College of Nursing

**Jack Torn**, College of Veterinary Medicine & Biomedical Sciences

**Swapnil Dash**, Mays Business School

**Varun Singh**, School of Public Health



# STUDENT AWARDS

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## UNDERGRADUATE RESEARCH SCHOLARS OUTSTANDING THESIS AWARDS

The Undergraduate Research Scholars Outstanding Thesis Awards recognize students who have shown excellence, originality, depth of knowledge, and professionalism through the completion of their Undergraduate Research Scholars theses. There are three award categories: Science, Technology, Engineering, and Mathematics (STEM); Liberal Arts, Social Sciences, and Humanities; and Creative Works.

Nominations are accepted from faculty advisors and Undergraduate Research Scholars program staff for students actively participating in the program. A committee of faculty and staff reviews and ranks each project. The Undergraduate Research Scholars Outstanding Thesis Awards are presented to students at the Spring Recognition Ceremony each year in May.

### **Science, Technology, Engineering, and Mathematics**

**Ashley Smith '25**, Genetics

**Ethan Mahalingham '25**, Biomedical Engineering

### **Liberal Arts, Social Sciences, and Humanities**

**Abigail Owen '25**, International Studies

### **Creative Works**

**Ellie Hague '26**, Visualization



# STUDENT AWARDS

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## UNDERGRADUATE RESEARCH SCHOLARS OUTSTANDING THESIS AWARD SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

**Ashley Smith '25**, Genetics

**Faculty Advisor:** Dr. Jennifer Dulin

### **Effects of Manipulating Anterior- and Posterior- Identity of Spinal Cord Neural Progenitor Cell Grafts for Spinal Cord Injury**

Spinal cord injury (SCI) often leads to permanent motor deficits, which can have devastating effects on affected individuals and their family. Previous studies have shown that transplanted neural progenitor cells (NPCs) mature into functional neurons that can extend their axons into the host central nervous system (CNS), promote the regeneration of injured host axons, and facilitate synaptogenesis between host and graft cells. These findings highlight NPCs as a promising potential therapeutic option for SCI treatment. However, recent studies suggest that regional identity plays a key role in determining the integration success of grafted neurons. Currently, it is unclear whether regionally-restricted NPC populations with distinct anterior/posterior- (AP) spinal cord identities may exhibit a differential capacity to integrate within the host circuitry or support specific motor functions. We hypothesized that NPC grafts with anterior-restricted spinal cord identities will differentially support synaptic connectivity and improve motor functional outcomes compared to posterior-grafts, when placed into a site of cervical SCI. To test this hypothesis, we transplanted anterior- and posterior- embryonic mouse spinal cord NPCs into sites of C5 SCI and performed a chronic behavioral study to assess effects of treatment on forelimb motor function. Quantitative polymerase chain reaction (PCR) of Hox gene expression confirmed that grafts retained similar AP identities as age- and region-matched postnatal spinal cord tissue. In addition, anterior grafts contained greater numbers of Chx10-low V2a neurons while posterior grafts contained greater proportions of Chx10-high V2a neurons, consistent with regional Chx10 expression in the adult spinal cord. We found that anterior derived NPCs did not support greater recovery of pellet reaching ability in spinal cord-injured mice compared to posterior-derived NPCs. We did not observe any differences between treatment groups in overall graft survival, neuronal or glial differentiation, graft-derived axon outgrowth, or corticospinal axon regeneration into grafts. We are currently assessing connectivity of graft neurons with forelimb motor circuitry using transsynaptic tracing. This work will improve our understanding of how NPC graft identity influences integration into the injured host system; ultimately laying the groundwork for therapeutic treatments directed towards functional recovery.



## UNDERGRADUATE RESEARCH SCHOLARS OUTSTANDING THESIS AWARD SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

**Ethan Mahalingam '25**, Biomedical Engineering

**Faculty Advisor:** Dr. Abhishek Jain

### **Automated Preclinical Vascular Health Assessment with Machine Learning**

In vitro culture models are valuable tools for gaining biological insights by allowing us to study cellular interactions with other cells, molecules, substrates, etc. Traditionally, the biological state of cells in such models is evaluated by performing manual morphological inspection using microscopy or through employing cell-viability assays. However, these approaches alone possess shortcomings, such as the lack of objectivity in measurements and the requirement for complex cell-labeling procedures. This study integrates artificial intelligence, through the utilization of machine learning, with microscopy to develop a label-free tool to address the need for streamlining in vitro endothelial cell assessment. This study develops a computer-vision model to automatically analyze the phenotype and morphology of vascular endothelial cells to predict the presence of endothelial dysfunction. This model represents a binary classifier and functions by inputting a phase-contrast microscopy image of in vitro cultured cells, and predicting whether or not the sample has become activated by exogenous Tumor Necrosis Factor- $\alpha$  treatment. In summary, this model serves as a proof-of-concept for assessing in vitro cellular health using machine learning, and provides a foundational methodology for developing a repertoire of similar tools to accelerate biological investigations and discoveries.



## UNDERGRADUATE RESEARCH SCHOLARS OUTSTANDING THESIS AWARD LIBERAL ARTS, SOCIAL SCIENCES, AND HUMANITIES

**Abigail Owen '25**, International Studies

**Faculty Advisors:**

Dr. Maddalena A. Cerrato and Dr. Apostolos Vasilakis

### **The Blurring Boundaries between Advocacy and Surveillance: The Use of Biometric Identification Technologies on Refugee Populations**

This study analyzes the relevancy and efficiency of the metaphors of surveillance presented in canonical science fiction works, specifically Zamyatin's *We* and Orwell's *Nineteen Eighty-Four*. These metaphors continue to shape society's response to disruptive technologies. Zamyatin's and Orwell's surveillance metaphors center around technologies of nondiscriminating surveillance implemented by the state upon the body politic so as to publicly promote unity while ultimately driven by the pursuit of control. As a result, the policy framework they shape fails to categorize the use of biometric identification on refugee populations by NGOs as surveillance. Failing to characterize these instances as surveillance obscures the destabilizing implications of this technology on the agency of an already vulnerable population. The implementation of such mechanisms by groups largely considered some of the few remaining advocates for refugees heightens the dangers already inherent to mischaracterization. Breaking from the notion of surveillance popularized in society by seminal science fiction, humanitarian groups and aid organizations serve as actors of surveillance, alongside the state. Nonprofits' imposition of biometric identification on refugees serves as a dangerous and irremediable marker of their status as Other, failing to proffer even the illusion of unification with the body politic.



# STUDENT AWARDS

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## UNDERGRADUATE RESEARCH SCHOLARS OUTSTANDING THESIS AWARD CREATIVE WORKS

**Ellie Hague '26**, Visualization

**Faculty Advisor:** Samuel Woodfin, MFA

### **Golden-Age Children's Literature Illustration Techniques in a Modern-Day Context**

The Victorian era was marked by a rapid period of industrialization and a growing middle class in England. This is what set the stage for the “Golden Age” of illustration, which brought illustrated children’s books to the masses. For this project, I studied various Golden Age authors and illustrators to write and illustrate my own children’s book. Through learning about various Golden-Age techniques, I discovered how the creative process, both in writing and in illustration, evolved with modern technology.



# FACULTY AWARDS

Wells Fargo Honors Faculty Mentor Award  
*and*

Director's Award for Outstanding  
Service to Honors Programs

Presented by:  
Axel Hernandez,  
Honors Student Council President

Betty M. Unterberger Award for  
Outstanding Service to Honors Education

Presented by:  
Dr. Jonathan Kotinek,  
Director, Honors Academy





# FACULTY AWARDS

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## WELLS FARGO HONORS FACULTY MENTOR AWARD PRESENTED BY HONORS STUDENT COUNCIL

The Wells Fargo Honors Faculty Mentor Award recognizes and rewards faculty members whose dedication and commitment to excellence in education is truly outstanding. These faculty members encourage a spirit of inquiry in their students, are thoughtful teachers, and exhibit the strongest desire to train a new generation of thinkers and creators. This award is of special significance because recipients are nominated and selected by Honors Students.

### 2025 AWARD RECIPIENT DR. DAVID TARVIN

#### INSTRUCTIONAL ASSOCIATE PROFESSOR, COMMUNICATION & JOURNALISM

Dr. Dave Tarvin is an instructional associate professor in the Department of Communication & Journalism. He teaches courses in public speaking, intercultural communication, and rhetorical theory. No matter what the course, his teaching is grounded in two key themes: humor and sustainability. For him, laughter is a way to connect with students and to make difficult course material more accessible. Dr. Tarvin serves as the department coordinator for education abroad and he strongly advocates for students to participate in such transformative experiences. He takes students on field trips to Costa Rica and the Czech Republic, as well as faculty-led programs to Italy and Australia. His courses reflect this international focus, often incorporating Collaborative Online International Learning (COIL) projects that connect his students with peers and professors across the globe. Beyond the classroom, Dr. Tarvin is active in campus leadership. This past year, he served as President-Elect of the Texas A&M Chapter of the Phi Kappa Phi Honors Society and is set to serve as President next year. He is currently



the Secretary of the Faculty Senate and Chair of the Academic Affairs Committee.

Dr. Tarvin's commitment to student development has earned him numerous honors, including the A&S Undergraduate Mentoring Award (2024), the Director's Award for Outstanding Service to Honors Programs (2023), the Faculty Advocate Award (2023), and the Aggies Celebrate Teaching Award (2020). He's also been named a namesake for both Fish Camp and Transfer Camp. Dr. Tarvin believes the best education expands your worldview, stretches your comfort zone, and occasionally involves zip-lining through the Costa Rican rainforest.



# FACULTY AWARDS

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## DIRECTOR'S AWARD FOR OUTSTANDING SERVICE TO HONORS PROGRAMS

The Director's Award for Outstanding Service to Honors Programs was created in 2010 to recognize significant contribution to and support of the efforts of the University Honors Program on campus.

### 2025 AWARD RECIPIENT

#### DR. CLAIRE KATZ

##### PROFESSOR, PHILOSOPHY AND EDUCATION

A native of Baltimore, Maryland, Dr. Claire Katz is Professor of Philosophy and Education, Associate Provost for Faculty Advocacy, and Presidential Professor for Teaching Excellence at Texas A&M University, where she has been on the faculty since 2006. She received an MA (1995) and her PhD in philosophy from the University of Memphis (1999), a master's degree in the Philosophy for Children program (Montclair 1987), and her BA in philosophy from the University of Maryland, Baltimore County (1986). She teaches and conducts research in two primary areas: (1) the intersection of philosophy, gender, education, and religion and (2) K-12 philosophy.

Her excellence in teaching has been recognized with numerous awards. In September 2020 she was named a Presidential Professor for Teaching Excellence (Texas A&M) and in May 2021 she was selected for a Piper Professorship in the state of Texas. She is the recipient of the 2019 Association of Former Students Distinguished Achievement Award (University Level) for Teaching and the 2019 American Philosophical Association Prize for Excellence in Teaching Philosophy. In 2023 she was named a finalist for Baylor University's Robert Foster Cherry Award for Great Teaching, a national teaching award. She held the Liberal Arts Cornerstone Faculty Fellowship (Texas A&M 2011-2015), the Copeland Fellowship (Amherst College 2011-12), and is currently a 2022 Arts and Humanities Fellow (Texas A&M).

She is the author or editor of ten



books including *An Introduction to Modern Jewish Philosophy* (Bloomsbury, 2014), *Growing up with Philosophy Camp: How Thinking Develops Friendship, Community and a Sense of Self* (Rowman and Littlefield, 2020), and the recently published, *In a Barbie World: Barbie as Narrative, Symbol, and Cipher*, a collection of essays on Greta Gerwig's film *Barbie*, which she co-edited with her colleague Anna Gotlib.

She has been a speaker at TedX TAMU and is interviewed in "Were the Dixie Chicks Canceled," an episode of AXS Television's series, *Music's Greatest Mysteries*.

In 2015 she founded and now co-directs P4C Texas, which includes the Aggie School of Athens Philosophy Summer Camp for Teens and Tweens, which introduces philosophy to pre-K-12 students. Under her direction, P4C Texas and the Aggie School of Athens Philosophy Camp for Teens was awarded the 2020 APA/PDC prize for Excellence and Innovation in Philosophy Programs. In addition to being passionate about her work at Texas A&M, she is also passionate about her family—her husband, two daughters, and three cats.



# FACULTY AWARDS

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## BETTY M. UNTERBERGER AWARD FOR OUTSTANDING SERVICE TO HONORS EDUCATION

In 2004, the Betty M. Unterberger Award for Outstanding Service to Honors Education was created and presented to Dr. Unterberger in recognition of her many years of service and significant contribution to the growth and development of honors education at Texas A&M.

### 2025 AWARD RECIPIENT

#### DR. SUMA DATTA

PROFESSOR EMERITUS AND FORMER  
EXECUTIVE DIRECTOR OF LAUNCH

Dr. Suma Datta retired in August 2024 as a tenured full professor in the Department of Biochemistry & Biophysics, where she remains as a Professor Emeritus. Dr. Datta earned her B.S. Chemistry and B.S. Cell and Molecular Biology with Honors from the University of Michigan and her Ph.D. in Biology from the University of California at San Diego. She went on to do postdoctoral work at Yale University in developmental neurogenetics. Since joining Texas A&M in 1993 in Biochemistry & Biophysics, she served as the Assistant Dean for Undergraduate Research, the Executive Director of Honors and Undergraduate Research, and eventually the Assistant Provost for Undergraduate Studies with oversight of Honors, Scholarship learning communities, Undergraduate research, National fellowships, and Capstone programs.

Dr. Datta helped establish the Honors Fellows distinction and University Honors program, as well as the launch of culminating scholarly, creative, or research projects as capstone experiences. Her tenure established the Undergraduate Research Scholars program as an Honors Distinction, growing from 50 to over 300 participants.

Dr. Datta championed broadening undergraduate research to include Honors students and students from all colleges and disciplines, including more opportunities to those in arts, humanities, architecture, and business. She was instrumental in creating both the Undergraduate Research Ambassadors and Explorations: The Texas A&M Undergraduate Journal. She also spearheaded the creation of the first TAMU Beckman



Scholars Program, serving as PI and Director for nine years. This award program partners with the Beckman Foundation to reinforce university's significant role in shaping the next generation of STEM leaders and undergraduate researchers.

Dr. Datta joined the Council on Undergraduate Research and was elected to a counselor position in the spring of 2010. Over the years she has been awarded numerous competitive grants, written publications, and given invited seminars and presentations around the world.

Dr. Datta has won numerous awards, including the National Institutes of Health Senior Ruth L. Kirschstein Fellowship, Outstanding Faculty Member, Texas A&M Women's Former Students' Network, the Service Learning Faculty Fellowship, and University level awards such as the Brown-Rudder and Gates-Muller.

A champion dancer in West Coast Swing, Dr. Datta also served for years at Texas A&M as the faculty advisor for the AggieWesties and Texas A&M Ballroom dance organizations. Currently, she serves as a board member in Representation with SwingDiversity with responsibility for Scholarships, SwingDiversity University, and Outreach. In her spare time, she hangs out with her husband Scott and her two "house lions." She loves to cook and eat food from different cultures, especially if it is spicy.



# DISTINCTIONS & GRADUATE RECOGNITION

## National Fellowship Awardees

Astronaut Scholarship

Critical Language Scholarship

Goldwater Scholarship

Udall Scholarship

## Student Leadership Programs

*Explorations: The Texas A&M Undergraduate Journal*

Undergraduate Research Ambassadors

*Texas A&M Undergraduate Journal of Law & Society*

Texas A&M University Beckman Scholars

Honors Housing Community Student Leaders

## College-Level and Department-Level Distinctions

College of Agriculture & Life Sciences

School of Architecture

College of Arts & Sciences

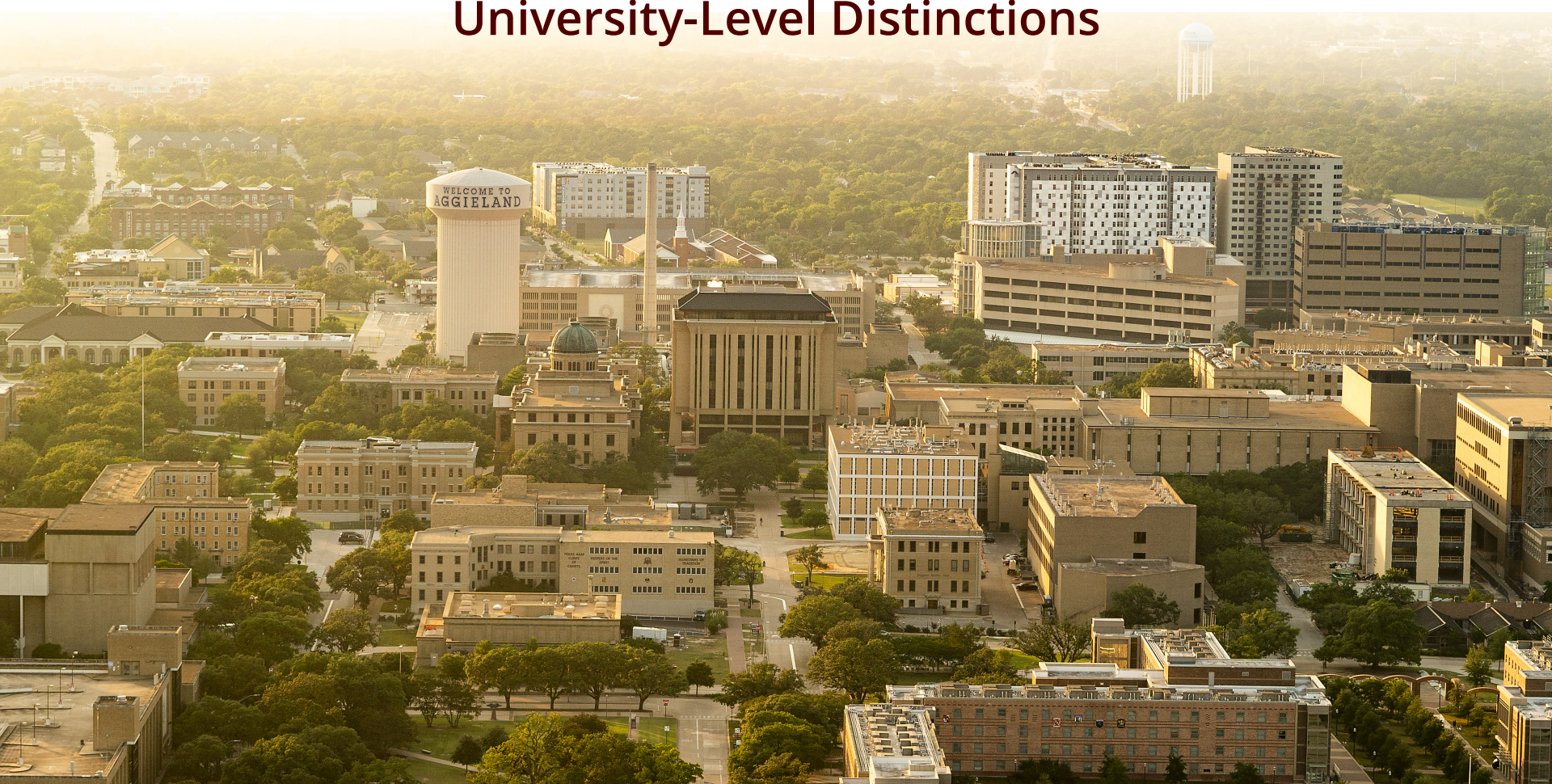
Mays Business School

College of Engineering

Bush School of Government & Public Service

School of Nursing

## University-Level Distinctions





# NATIONAL FELLOWSHIPS RECOGNITION NOMINEES & AWARDEES

## ASTRONAUT SCHOLARSHIP

The Astronaut Scholarship Foundation (ASF), founded by the Mercury 7 astronauts, provides annually more than 70 scholarships to the brightest and most talented college students in science, technology, engineering, and mathematics.

**Amanda Elizabeth Galloway**, Biomedical Engineering  
**Kevin Le**, Mathematics

## CRITICAL LANGUAGE SCHOLARSHIP

The Critical Language Scholarship (CLS) Program is a summer study abroad program sponsored by the U.S. Department of State. It aims to expand the number of Americans studying and mastering languages crucial to U.S. national security and economic interests.

**Savannah Elizabeth Cantor**, Political Science





## NATIONAL FELLOWSHIPS RECOGNITION NOMINEES & AWARDEES

### GOLDWATER SCHOLARSHIP

The Goldwater Scholarship is a prestigious scholarship that supports outstanding college sophomores and juniors pursuing research careers in the natural sciences, mathematics, and engineering.

**Lisa Nicole Rollinson**, Entomology  
**Sanaa Isake Stough Lacking**, Psychology

### UDALL SCHOLARSHIP

The Udall Undergraduate Scholarship is a prestigious award honoring Congressman Morris K. Udall's legacy of environmental protection. The scholarship supports students who are passionate about the environment.

**Lisa Nicole Rollinson**, Entomology





## STUDENT LEADERSHIP PROGRAMS

Honors Academy and the Office of Undergraduate Research extend our sincerest appreciation to students involved in our leadership programs. We hope these opportunities have helped you grow personally, professionally, and academically. Many of you have also provided guidance to fellow students that has impacted their futures. We could not accomplish all we do without your dedication and generosity. Thank you!

## *EXPLORATIONS: THE TEXAS A&M UNDERGRADUATE JOURNAL*

*Explorations: The Texas A&M Undergraduate Journal* is a student-run, interdisciplinary publication dedicated to fostering undergraduate research and scholarly work in all fields. The journal welcomes research, scholarly and creative submissions of general interest from any discipline. *Explorations* showcases the most cutting-edge, original, and student-driven scholarship by undergraduates pursuing intellectual and aesthetic experiences outside of the classroom.

The undergraduate work chosen for publication will highlight curiosity, innovation, and independence, all core values of the university's current Quality Enhancement Plan, Aggies Commit to Life-long Learning. Recently published articles have been from a wide range of academic fields and disciplines in the humanities, the STEM fields, and creative works.

[Learn more at explorations.tamu.edu](https://explorations.tamu.edu)

The following graduates have been leaders for or have been published in *Explorations*:



## *EXPLORATIONS: THE TEXAS A&M UNDERGRADUATE JOURNAL*

### **Board Members**

**Hardi Desai**, Psychology

**Varshitha Dhulipala**, Microbiology

**Jake Fields**, Biochemistry, Genetics

**Kim Le**, Nutrition

**Sarayu Malireddy**, Genetics

**Shivam Pancholy**, Biomedical Sciences

**Subiksha Sankar**, Biology

**Ashley Smith**, Genetics

### **Volume 16 Authors**

**Samika Sequeira**, Psychology

*The Influence of Subcultures on Moral Foundations: Comparison Between  
Westerners and Easterners in the United States*

**Megan Thomas**, Biology

*EGFR Overexpression in ERBB2 Independent Colorectal Cancer*

### **Volume 17 Authors, Pending Publication**

**Caleb Chambers**, Biology

**Ryan Holcomb**, Anthropology

**Alexa Linarez**, Forensic Investigative Science

**Ethan Mahalingam**, Biomedical Engineering

**Josh Mahato**, Neuroscience

**Mary Rocchio**, Biomedical Engineering

**Ashley Smith**, Genetics



## UNDERGRADUATE RESEARCH AMBASSADORS

Undergraduate Research Ambassadors work to inspire broader engagement in undergraduate research by educating and serving the Texas A&M University community. These students represent the Office of Undergraduate Research at research, recruiting, and outreach events. Experienced undergraduate researchers with outstanding oral communication skills and the passion for helping others understand the importance of research are selected for the program. Ambassadors from multiple disciplines are chosen each year, trained in presentation and leadership, and participate in a variety of activities including meeting with highly placed members of the University Administration, distinguished faculty, outstanding alumni, prospective students, and parents.

[Learn more at tx.ag/AskUsAboutUGR](https://tx.ag/AskUsAboutUGR)

**We extend our deepest appreciation to the following students for their service to the undergraduate research community:**

**Swapnil Dash**, Business Honors

**Peter Elhajj**, Psychology

**Yahya Kharbat**, Biology

**Emily Lightfoot**, Economics

**Kylie McDaniel**, Spanish, Neuroscience

**Jordan Moore**, Public Health

**Owen North**, Biology

**Travis Richard**, Biochemistry

**Samika Sequeira**, Psychology

**Ashley Smith**, Genetics

**Hannah Thomas**, Biomedical Sciences



## TEXAS A&M UNDERGRADUATE JOURNAL OF LAW & SOCIETY

The Texas A&M Undergraduate Journal of Law & Society highlights the most compelling and innovative pieces of legal scholarship produced by Texas A&M undergraduates. Submissions are welcome from Texas A&M undergraduates of any discipline who have produced a written, researched work that primarily focuses on the law, government, or public policy. A double-blind referee process is used to review submissions.

**The following graduates have been leaders for or have been published in *JLS*:**

### Board Members

**Suha Irfan**, Political Science, Philosophy Pre-Law

**Nick Jensen**, Classics, Legal History

**America Jimenez**, Philosophy

**Dafne Martinez**, English, Philosophy Pre-Law

**Luke Scheel**, Political Science, Legal History

**Diego Sepulveda-Allen**, Philosophy, Philosophy Pre-Law

**Maggie Winston**, University Studies

### Issue 1 Authors

**Joshua Hillman**, Economics

*Guardians of Prosperity or Overreach? A Theoretical and Empirical Analysis of Constitutional Property Rights and Foreign Direct Investment*

**Emily Sabbagh**, History

*Valium and Beyond: Exploring the Gendered Dynamics of Mood-Altering Drug Prescriptions for Women in the 1960s and 1970s*



## TEXAS A&M UNIVERSITY BECKMAN SCHOLARS

Beckman Scholar institutions are a part of an elite and carefully-selected cohort, and participation is strictly invitation-only. The Arnold and Mabel Beckman Foundation identifies colleges and universities that will receive Beckman Scholars application invitations. The extremely thorough selection process is a two-part review led by a panel of scientific experts. Institutions are chosen based on their dedication to undergraduate research in chemistry, biology and/or combinations thereof and their ability to compete in national level programs.

The Beckman Foundation supports researchers and institutions as they create new areas of chemical and biological research. Beckman Scholars are identified as the top undergraduate students majoring in specific science fields during their freshman year. Once selected, Beckman Scholars start receiving a generous stipend and begin their research careers under the supervision of designated Beckman faculty mentors the summer prior to their sophomore year. Beckman Scholars continue their research projects through graduation and also participate in activities such as leadership development, networking opportunities, review and publication of scientific research, and preparation for National Fellowship, graduate, or Professional school applications.

**We congratulate our graduating Beckman Scholar:**

**Travis Richard**, Biochemistry



## HONORS HOUSING COMMUNITY STUDENT LEADERS

The first-year experience in the University Honors Program plays an important role in the development of many of our Honors Students. The programming in the Honors Housing Community would not be possible without the many hours of volunteer work that our Sophomore Advisors (SAs) and Junior Advisors (JAs) invest in helping their freshman families to learn and grow.

**We want to share our sincere gratitude and warm regard for our graduating student leaders:**

**Dillen Cooper**, English

**Jesse Dairo**, Biology

**Alexa Frei**, Biochemistry, Genetics

**Kaylee Garcia**, Forensic and Investigative Sciences

**Dara Hawkins**, Political Science

**Jacquelin Hobbs**, Psychology

**Maxine Huang**, Environmental Design Architectural Studies

**Abigail Owen**, International Studies

**Jenna Plute**, Mathematics

**Kaylie Saucedo**, Psychology of Diversity

**Savitha Sithartha**, Biomedical Sciences

**Morgan Wilson**, Zoology



# UNIVERSITY-LEVEL DISTINCTION DESCRIPTIONS

## HONORS FELLOWS

Students graduating with Honors Fellows must have completed at least 30 Honors points (including at least 21 hours of Honors course work from TAMU), with distribution requirements for breadth, depth, and practical application. Additionally, all Honors Fellows have completed a capstone, including the Undergraduate Research Scholars program, the Undergraduate Teacher Scholars program, the Undergraduate Service Scholars program, the Undergraduate Leadership Scholars program, the Undergraduate Performance Scholars program, or a departmental capstone. Honors Fellows are required to remain active with the Honors Student Council and make an annual update to their ePortfolios.

## UNDERGRADUATE RESEARCH SCHOLARS

Undergraduate Research Scholars engage in a two-semester research project conducted under the supervision of a Texas A&M faculty mentor that culminates in a written thesis or other scholarly project. The objective of the program is to involve any qualified undergraduate student in a research project that emulates the “graduate student” experience and to introduce the student to the academic publication process and the scholarly community.

## 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 (summa cum laude, magna cum laude, or cum laude) is determined by grade point ratio (3.5 to 4.0) of all credit hours attempted at Texas A&M University, excluding transfer hours.

*At commencement, students who have completed a university-, college-, or departmental-level Honors distinction wear a gold satin stole. This stole is also worn by students who earn Latin Honors distinction.*



# COLLEGE-LEVEL DISTINCTION DESCRIPTIONS

## BUSINESS HONORS

Mays Business School's Honors Program admits a freshman honors class each year. Students in the program pursue a Business Honors major and have the option to double major in another business discipline. The business honors students recognized this evening have completed at least 30 credit hours of honors courses, 24 of which are in business and 6 are outside of business.

## ENGINEERING HONORS

The College of Engineering offers the Engineering Scholars Program in which students complete 18-21 credit hours in honors courses. The capstone of the Engineering Scholars Program is the student's research project, which is supervised by an engineering professional.

## CORNERSTONE LIBERAL ARTS HONORS

To ensure a broad liberal arts experience, the program requires students to take 18 hours of honors coursework. 12 of those 18 hours must be taken in at least 4 different Liberal Arts departments. Finally, 9 of those 12 hours must be at the upper-level. Additional options to meet the 18 hour requirement are available and encouraged for an even broader experience. Students may earn up to 6 hours of the total 18 needed by combining things like Honors research, Honors Service Learning, earning Honors credit from outside the College, and Study Abroad.



## COLLEGE-LEVEL DISTINCTION DESCRIPTIONS

### HONORS IN NURSING

Available to selected students entering upper division pre-licensure BSN Program tracks, the Honors Program provides the foundation for high-achieving undergraduate nursing majors to develop skills as scholars in developing nursing science and to prepare for graduate education. Honors Program students enjoy working with a faculty mentors on research, taking special honors sections of selected courses, completing an honors project, and presenting their work at a professional venue. Students accepted into the program will progress through the pre-licensure curriculum plan with the designation of Nursing Scholar. The program requires 18 hours of Honors course work including completing an honors project demonstrating research skills in nursing or health sciences under the guidance of a faculty mentor.



## DEPARTMENT-LEVEL DISTINCTION DESCRIPTIONS

### HONORS IN AGRICULTURAL ECONOMICS

The Department of Agricultural Economics at Texas A&M University offers an honors program to qualified, academically talented, and highly motivated students. An honors student's college experience is enriched by following a challenging curriculum, engaging in inquiry-based learning, and discovery. Honors students work closely with the renowned faculty at Texas A&M University, acquiring the discipline and skills to engage in independent research that can be particularly useful if planning to attend graduate or professional school. Since honors class sizes are usually small, students get an opportunity to develop the vital problem solving and critical thinking skills that are needed in the search for solutions to the myriad of problems facing the global community. Honors students are encouraged to compete for such prestigious scholarships as the Rhodes, Marshall, Goldwater, and the Fulbright. The honors program offers students an effective entry into a fruitful and rewarding professional career through participation in innovative co-curricular and leadership activities.

### HONORS IN ANIMAL SCIENCE

Animal Science Honors offers scientific training and hands-on experience, student clubs and judging teams.

### HONORS IN ARCHITECTURE

Architecture Honors enhances learning opportunities, providing creative approaches to responsible design of the built environment.

### HONORS IN BIOENVIRONMENTAL SCIENCES

Bioenvironmental Sciences Honors is a multi-disciplinary program focused on environmental issues with maximum flexibility.



## DEPARTMENT-LEVEL DISTINCTION DESCRIPTIONS

### HONORS IN BIOLOGY

The Biology Department Honors Program is open to highly talented and motivated students pursuing a major in any of our degree plans. Honors students will be part of a vibrant community within the department with enriched learning experiences in both the classroom and biology research laboratories.

### HONORS IN CHEMISTRY

The Department of Chemistry Honors Program provides exceptionally motivated, hard-working, and talented students the opportunity to engage more deeply in our already-challenging curriculum. Chemistry honors sections will emphasize student-faculty contact, exploration of course material beyond regular class readings and lectures, and communication skills. Honors students will complete an undergraduate thesis and have the opportunity to explore graduate course work. Honors graduates will demonstrate academic excellence, independent work, and critical thinking and analysis.

### HONORS IN COMMUNICATION

Communication Honors offers compelling approaches to course content and strong relationships with faculty and peers.

### HONORS IN ENGLISH

English Honors offers opportunities in academics, research, service learning and professional development.

### HONORS IN ENTOMOLOGY

The Entomology Honors Program is a commitment to high-achieving students to provide an enriching, engaging, and relevant educational experience.



## DEPARTMENT-LEVEL DISTINCTION DESCRIPTIONS

### HONORS IN FORENSIC INVESTIGATIVE SCIENCES

Honors in Forensic Investigative Sciences provides students an enriching, engaging, and relevant educational experience.

### HONORS IN HISTORY

History Honors offers advanced work in small classes, individual research opportunities and professional development for highly motivated students.

### HONORS IN INTERNATIONAL STUDIES

The degrees and programs contained in International Studies combine clearly defined intellectual area options with in-depth linguistic and cultural expertise, coupled with high-impact international experiences through study abroad.

### LEADERSHIP HONORS

Leadership Honors offers honors curriculum for ALED and USAL-LED majors.

### HONORS IN MATHEMATICS

Mathematics Honors provides mentoring, travel, and research opportunities as well as eligibility for our five-year BS/MS program.

### NUTRITION HONORS

Nutritional Sciences Honors is designed for intellectually motivated students who are majoring in Nutritional Sciences and want to participate in an honors curriculum specific to this major. Opportunities exist for interested honors students to be involved in the research program of a faculty member in nutrition.



## DEPARTMENT-LEVEL DISTINCTION DESCRIPTIONS

### HONORS IN PHILOSOPHY

Honors students pursue advanced coursework and complete an independent, year-long research project under the guidance of a faculty mentor.

### HONORS IN PHYSICS & ASTRONOMY

Physics and Astronomy Honors provides opportunities for more advanced and challenging work to academically distinguished and motivated students. Most Physics and Astronomy courses have honors sections with enriched learning experiences. Honors students are also expected to conduct independent research under the supervision of our faculty.

### HONORS IN POLITICAL SCIENCE

Political Science Honors provides a broad perspective and opportunities for cutting edge research.

### HONORS IN PSYCHOLOGICAL & BRAIN SCIENCES

Psychology Honors includes small classes with outstanding undergraduates and research projects with faculty.

### HONORS IN SOCIETY, ETHICS, & LAW

Honors students pursue advanced coursework and complete an independent, year-long research project under the guidance of a faculty mentor.



# GRADUATE RECOGNITION

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## COLLEGE OF AGRICULTURE & LIFE SCIENCES

### **Rachael A. Detten**

Major: Agribusiness  
Minor: Communication  
Certificate in Intl Trade & Agriculture  
*Honors in Agricultural Economics*

### **Sydney G. Green**

Major: Agricultural Economics  
Minor: Business  
*Honors in Agricultural Economics*

### **Trinity L. O'Brien**

Major: Agricultural Economics  
Minor: Ag Communications & Journalism  
Certificate in Intl Trade & Agriculture  
*Honors in Agricultural Economics*

### **Sadie K. Peeler**

Major: Agricultural Economics  
*Honors in Agricultural Economics*

### **Harleigh F. Strack**

Major: Agricultural Economics  
Minors: Agribusiness Entrepreneurship & AgriFood Sales  
*Honors in Agricultural Economics*

### **Jacey N. Weinheimer**

Major: Agribusiness  
*Honors in Agricultural Economics*

### **Chaney McCollum**

Majors: Ag Communications & Journalism and Ag Leadership & Development  
*Honors in Agricultural Leadership & Development,*  
*Honors Fellow, Undergraduate Research Scholar*  
Thesis: The Lack of Rites and Rituals as a Possible Contributing Factor in the  
Imposter Syndrome Phenomenon

### **Alix E. Armey**

Major: Animal Science  
Minor: Entomology  
*Honors in Animal Science*

### **Karen Anzaldúa Ayala**

Major: Animal Science  
*Honors in Animal Science*

### **Audrey D. Bensmiller**

Major: Animal Science  
*Honors in Animal Science*

### **Brittley A. Bowers**

Major: Animal Science  
Minors: Ag Communications & Journalism & Agricultural Economics  
Certificate in Meat Science  
*Honors in Animal Science*  
Thesis: Comparing Efficacy of Peroxyacetic Acid from Different Manufacturers on  
Chilled Beef Carcasses

# GRADUATE RECOGNITION

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## COLLEGE OF AGRICULTURE & LIFE SCIENCES

**Elena Cotton-Betteridge**

Major: Animal Science  
Minor: Equine Science  
*Honors in Animal Science*

**Avery G. Flanagan**

Major: Animal Science  
Minor: Biomedical Sciences  
Certificate in Meat Science  
*Honors in Animal Science*

**Elise G. Guerra**

Major: Animal Science  
Minor: Horticulture  
*Honors in Animal Science*

**Zachary J. Hoelscher**

Degrees: BS Biomedical Sciences & BS Animal Science  
Certificate in Meat Science  
*Honors in Animal Science, Undergraduate Research Scholar*  
Thesis: Development of Dry Aged Beef Characteristics using Starter Cultures and Dry Aging Bags

**Rachel M. Kuhlman**

Major: Animal Science  
Certificate in Equine Science  
*Honors in Animal Science*

**Amelia M. Miller**

Major: Animal Science  
Certificate in Meat Science  
*Honors in Animal Science, Undergraduate Research Scholar*  
Thesis: The Effect of Blue Light on Beef Quality

**Emmalee L. Mohler**

Major: Animal Science  
Minor: Business  
*Honors in Animal Science*

**Claudia E. Montemayor**

Major: Animal Science  
*Honors in Animal Science*

**Mia M. Natoli**

Major: Animal Science  
*Honors in Animal Science*

**Gabriella C. Reisman**

Major: Animal Science  
Minor: Biomedical Sciences  
*Honors in Animal Science*

**Elise N. Stovall**

Major: Animal Science  
Minor: Agricultural Economics  
Certificate in Meat Science  
*Honors in Animal Science*



# GRADUATE RECOGNITION

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## COLLEGE OF AGRICULTURE & LIFE SCIENCES

### **Mary E. Cowser**

Major: Bioenvironmental Sciences  
Certificate in Philosophy Pre-Law  
*Honors in Bioenvironmental Sciences*

### **Madeleine C. Renard**

Major: Bioenvironmental Sciences  
*Honors in Bioenvironmental Sciences*

### **Lisa N. Rollinson**

Major: Entomology  
Minors: Biology & Statistics  
*Honors in Entomology, Honors Fellow, Undergraduate Research Scholar*  
Thesis: Flight Capacity of the Ambrosia Beetles *Xylosandrus germanus* and  
*Anisandrus maiche* Across Temperatures

### **Fernando Espinoza**

Major: Forensic Investigative Science  
Minors: Anthropology & Pre-Medicine  
*Honors in Forensic Investigative Sciences*

### **Jacey D. Freeman**

Major: Forensic Investigative Science  
Minor: Chemistry  
*Honors in Forensic Investigative Sciences*

### **Kaylee Garcia**

Degrees: BS Forensic Investigative Science & BS Sociology  
*Honors in Forensic Investigative Sciences, Honors Fellow, Undergraduate Teacher Scholar*

### **Melissa I. Guerra**

Major: Forensic Investigative Science  
Minors: Biomedical Sciences & Chemistry  
*Honors in Forensic Investigative Sciences*

### **Jordan N. James**

Major: Forensic Investigative Science  
Minors: Cybersecurity & Psychology  
*Honors in Forensic Investigative Sciences*

### **Angela P. Lubrano**

Major: Forensic Investigative Science  
*Honors in Forensic Investigative Sciences*

### **Katelyn E. Preston**

Major: Forensic Investigative Science  
Minors: Chemistry & Sociology  
*Honors in Forensic Investigative Sciences*

### **Haley N. Russell**

Major: Forensic Investigative Science  
Minor: Psychology  
*Honors in Forensic Investigative Sciences*

# GRADUATE RECOGNITION

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## COLLEGE OF AGRICULTURE & LIFE SCIENCES

**Kathy Q. Truong**

Major: Forensic Investigative Science

Minor: Anthropology

*Honors in Forensic Investigative Sciences, Honors Fellow, Undergraduate Research Scholar*

Thesis: Forensic Skeletal Markers of Gender-Affirming Medical Procedures in the Identification of Nonbinary and Transgender Individuals

**Kimberly S. Umana Sosa**

Major: Forensic Investigative Science

Minor: Anthropology

*Honors in Forensic Investigative Sciences*

**Elle R. De Los Santos**

Major: Nutrition

Minor: English

*Nutritional Sciences Honors*

**Jennie P. Kim**

Major: Nutrition

*Nutritional Sciences Honors, Undergraduate Research Scholar*

Thesis: The Effects of Butyrate on Mouse Colonic Organoid Growth and Gene Expression in High vs Normal Glucose Conditions

**Jane Moore**

Major: Nutrition

*Nutritional Sciences Honors*

**Juliana N. Sierra**

Major: Nutrition

*Nutritional Sciences Honors*

**Josephine L. Thompson**

Major: Nutrition

Minor: Spanish

*Nutritional Sciences Honors*



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## COLLEGE OF ARCHITECTURE

**Alyssa K. Foertsch**

Major: Environ Design Arch Studies  
Minor: Sustainable Arch & Planning  
*Honors in Architecture*

**Maria N. Nguyen**

Major: Environ Design Arch Studies  
Minors: Ldrshp in Design & Constr Prof  
*Honors in Architecture*

**Jade K. Radford**

Major: Environ Design Arch Studies  
*Honors in Architecture*

**Kendall E. Royer**

Major: Environ Design Arch Studies  
Minor: Business  
*Honors in Architecture*

**Kaden N. Thurmond**

Major: Environ Design Arch Studies  
Minors: Business & Ldrshp in Design & Constr Prof  
*Honors in Architecture*

# GRADUATE RECOGNITION

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## COLLEGE OF ARTS & SCIENCES

**Karissa N. Beauchemin**

Major: Molecular & Cell Biology  
Minor: Biochemistry  
*Honors in Biology*

**Julia Bortolasi Guimaraes**

Major: Biology  
Minor: Psychology  
*Honors in Biology*

**Taylor L. Caperton**

Major: Biology  
*Honors in Biology*

**Emily F. Chang**

Major: Biology  
Minor: Psychology  
*Honors in Biology*

**Ritu S. Chauhan**

Major: Biology  
Minor: Psychology  
*Honors in Biology, Honors Fellow*

**Darsh P. Darji**

Major: Biology  
Minor: Psychology  
*Honors in Biology*

**Adam C. Fields**

Major: Biology  
*Honors in Biology*

**Michael G. Davis**

Major: Biology  
*Honors in Biology*

**Isabella G. Glenn**

Major: Biology  
Minors: Psychology & Genetics  
*Honors in Biology*

**Elise L. Grimland**

Major: Biology  
Minor: Genetics  
*Honors in Biology*

**Isabella C. Lerma**

Major: Neuroscience  
*Honors in Biology*

**Josh Mahato**

Major: Neuroscience  
*Honors in Biology, Honors Fellow*

**Himanshi Malik**

Major: Biology  
Minor: Business  
*Honors in Biology*



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## COLLEGE OF ARTS & SCIENCES

**Jessica L. Math**

Major: Biology  
Minor: Business

*Honors in Biology, Undergraduate Research Scholar*

Thesis: Investigating Protein Lipidation Pathways Through HaloTag-Based Enrichment and Proteomic Analysis

**Gabrielle I. Mazet**

Major: Neuroscience  
Minor: Spanish  
*Honors in Biology*

**Olivia G. McCann**

Major: Molecular & Cell Biology  
Minor: Bioinformatics & Genetics

*Honors in Biology, Honors Fellow, Undergraduate Research Scholar*

Thesis: Exploring Translational Responses to Inositol in *Neurospora crassa*

**Srilakshmi Muthyala**

Major: Biology  
Minor: Public Health  
*Honors in Biology*

**Akash Naik**

Major: Biology  
*Honors in Biology*

**Richard G. Rasulis**

Major: Biology  
Minor: Bioinformatics  
*Honors in Biology*

**Venkata Sai Varshitha Dhulipala**

Major: Microbiology  
Minor: Public Health

*Honors in Biology, Undergraduate Research Scholar*

Thesis: Developing and Testing a System for Temporal Drug Delivery Through Diet to Inhibit mTOR in the Mouse Model

**Dominic V. Tharakan**

Major: Biology  
Minor: Health Humanities

*Honors in Biology, Undergraduate Research Scholar*

Thesis: Using a Mouse Model to Determine the Effect of the C1q Protein in Pathogenesis of the R20291 Strain of *Clostridioides difficile*

**Megan M. Thomas**

Major: Biology  
Minor: Public Health

*Honors in Biology, Undergraduate Research Scholar*

Thesis: EGFR Over-Expression in ERBB2 Independent Colorectal Cancer

**Samuel F. Vrana**

Major: Molecular & Cell Biology

*Honors in Biology, Undergraduate Research Scholar*

Thesis: Engineering Synthetic Protein Binders to Hepatitis C Virus Core Antigen

**Daniel J. Warzecha**

Major: Microbiology  
Minor: English  
*Honors in Biology*

# GRADUATE RECOGNITION

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## COLLEGE OF ARTS & SCIENCES

### **Rachel X. Sun**

Major: Chemistry

*Honors in Chemistry, Undergraduate Research Scholar*

Thesis: Computational Study of Copper-Mediated Lipid Binding to TRAAK

### **Saim Waheed**

Major: Chemistry & Biochemistry

Minor: Mathematics

*Honors in Chemistry, Undergraduate Research Scholar*

Thesis: Modular Diversification of Arylamines via N-aryl-N-aminopyridinium Lynchpins

### **Saimon A. Yohannes**

Major: Chemistry

*Honors in Chemistry*

### **Lillian G. Arnold**

Major: Communication

Minors: German & Religious Studies

*Honors in Communication & Journalism*

### **Lillian J. Baird**

Major: Communication

Minors: Business & Spanish

*Honors in Communication & Journalism*

### **Madison L. Downey**

Major: Communication

Minor: Business

*Honors in Communication & Journalism*

### **Ariel G. Feldman**

Major: Telecommunication MediaStudies

Minors: Entrepreneurship & Russian

*Honors in Communication & Journalism*

### **Sydney H. Hajek**

Major: Communication

Certificate in Comm Ldrshp & Conflict Mgmt

*Honors in Communication & Journalism*

### **Ian M. Harrup**

Major: Communication

Minor: Psychology

*Honors in Communication & Journalism*

### **Bailey A. Millican**

Major: Communication

Certificate in Comm Ldrshp & Conflict Mgmt

*Honors in Communication & Journalism*

### **Sara Mueller**

Major: Communication

Minor: Spanish

*Honors in Communication & Journalism*

### **Amanda J. Oates**

Degrees: MA Communication, BA Communication

Minor: Geographic Info Science & Tech

*Honors in Communication & Journalism*

### **Leyton S. Parker**

Major: Telecommunication MediaStudies

Minor: History

*Honors in Communication & Journalism*



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## COLLEGE OF ARTS & SCIENCES

### **Jayden E. Pellegrini**

Major: Communication  
Certificate in Comm Ldrshp & Conflict Mgmt  
*Honors in Communication & Journalism*

### **Alexis S. Perry**

Major: Communication  
Minors: Human Resource Development & Sport Management  
Certificate in Social Media  
*Honors in Communication & Journalism*

### **Gabrielle E. Ross**

Major: Communication  
Certificate in Business Strategic Communication  
*Honors in Communication & Journalism*

### **Madeleine W. Ross**

Major: Communication  
Minor: Business  
*Honors in Communication & Journalism*

### **Mariana Ruffo**

Degrees: MA Communication, BA Communication  
Minor: Philosophy  
Certificate in Philosophy Pre-Law  
*Honors in Communication & Journalism*

### **Madeline L. Sweany**

Major: Communication  
Minor: Studio Art  
Certificate in Strategic Communication  
*Honors in Communication & Journalism, Honors Fellow, Undergraduate Teacher Scholar*

### **Elizabeth M. Taylor**

Major: Communication  
Minor: Spanish  
*Honors in Communication & Journalism*

### **Logan M. Walsh**

Major: Communication  
Minor: English  
*Honors in Communication & Journalism*

### **Delaney K. Wessel**

Degrees: MA Communication, BA Telecommunication MediaStudies  
Minor: Film & Media Studies  
*Honors in Communication & Journalism*

### **Charis R. Adkins**

Major: English  
Minor: Spanish  
*Honors in English, Honors Fellow, Undergraduate Research Scholar*  
Thesis: The Imported Fairy Tale Culture of Cuba

### **Dillen B. Cooper**

Major: English  
Minor: Philosophy  
*Honors in English, Honors Fellow, Undergraduate Research Scholar*  
Thesis: Naming the Bomb: Nuclear Verdicts as Rhetorical Phenomenon

### **Joshua D. Hayden**

Major: English  
*Honors in English*

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## COLLEGE OF ARTS & SCIENCES

**Emily L. Mallin**

Major: Psychology & English

Minors: Professional Writing & Science Fiction & Fantasy Std

*Honors in English, Honors in Psychology & Brain Sciences, Undergraduate Research Scholar*

Thesis: Mother-Infant Interpersonal Neural Synchrony in the Case of Depressed Mothers:  
An Electocortical Study of the Impact on Infant Development

**Isabel E. Marshall**

Major: English

Minors: Professional Writing & Science Fiction & Fantasy Std

*Honors in English*

**Adriana Movsesian**

Major: English

*Honors in English, Undergraduate Research Scholar*

Thesis: Cicatrize: Vampires Wounded by Systemic Victimization

**Pemberly R. Farmer**

Major: History & Classics

Certificate in Legal History

*Honors in History*

**Thomas C. Bolf**

Degrees: BS Computer Science & BS Applied Mathematics

Minor: Statistics

*Honors in Mathematics*

**Brian J. Chu**

Major: Applied Mathematics

Minors: Statistics & Computer Science

*Honors in Mathematics*

**Cade M. Dulaney**

Major: Applied Mathematics

Minor: Computer Science

*Honors in Mathematics*

**Abigail Krasinski**

Major: Applied Mathematics

Minors: Psychology & Computer Science

*Honors in Mathematics*

**Kevin Le**

Major: Mathematics

*Honors in Mathematics*

**Jenna C. Plute**

Major: Mathematics

Minors: Computer Science & Spanish

*Honors in Mathematics, Honors Fellow, Undergraduate Research Scholar*

Thesis: Embedded Eigenvalues of the Perturbed Periodic Schrödinger Operator

**America I. Jimenez**

Major: Philosophy

Minor: Amer Politics & Policy

*Honors in Philosophy, Undergraduate Research Scholar*

Thesis: Hurricane Maria: a case Study for Capability Denial and Epistemic Injustice in  
Puerto Rico

**Audrey K. Schabel**

Major: Philosophy

Minors: Engineering Concepts & Economics

*Honors in Philosophy, Undergraduate Research Scholar*

Thesis: An Aristotelian Analysis of Present-Day City States



# GRADUATE RECOGNITION

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## COLLEGE OF ARTS & SCIENCES

**River G. Scott**

Majors: English & Philosophy  
*Honors in Philosophy, Undergraduate Research Scholar*  
Thesis: Artificial Moral Codes: Examining Humean Constructivism in Metaethics

**Ana C. Vergara Gonzalez**

Major: Philosophy  
Certificate in Philosophy Pre-Law  
*Honors in Philosophy, Honors Fellow, Undergraduate Research Scholar*  
Thesis: The Good Samaritan Thesis: A Case Study in Hybrid Deontological and Consequentialist Moral Theories

**Evan J. Batteas**

Major: Physics  
Minors: Mathematics & Astrophysics  
*Honors in Physics & Astronomy, Undergraduate Research Scholar*  
Thesis: Asymmetric Offner Spectrograph

**Andrew C. Pai**

Majors: Physics & Mathematics  
*Honors in Physics & Astronomy, Undergraduate Research Scholar*  
Thesis: Effects of High Temperature on Shape Memory Alloys

**Alexandra K. Azali**

Major: Psychology  
Minors: Sociology and Business  
Certificate in Work & Organizations  
*Honors in Psychology & Brain Sciences*

**Emily P. Besse**

Major: Psychology  
Minor: Neuroscience  
*Honors in Psychology & Brain Sciences*

**Caitlyn M. Hart**

Major: Psychology  
Minor: Neuroscience  
Certificate in Behavioral Health  
*Honors in Psychology & Brain Sciences, Undergraduate Research Scholar*  
Thesis: Counterfactual Thinking and Working Memory

**Allison E. Heskiel**

Major: Psychology  
*Honors in Psychology & Brain Sciences*

**Sydney L. Hickmott**

Major: Psychology  
*Honors in Psychology & Brain Sciences*

**Sara N. Hiller**

Major: Psychology  
Minor: Communication  
Certificate in Behavioral Health  
*Honors in Psychology & Brain Sciences*

**Parker L. Morris**

Major: Psychology  
*Honors in Psychology & Brain Sciences*

**Claire J. Pitre**

Major: Neuroscience  
Minor: German  
*Honors in Psychology & Brain Sciences, Honors Fellow, Undergraduate Research Scholar*  
Thesis: Sex-Specific Mechanisms of Active Avoidance

# GRADUATE RECOGNITION

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## COLLEGE OF ARTS & SCIENCES

**Samika M. Sequeira**

Major: Psychology

Minor: Neuroscience

Certificate in Psychology of Diversity

*Honors in Psychology & Brain Sciences, Undergraduate Research Scholar*

Thesis: The Influence of Subcultures on Moral Foundations: Comparison between Westerners and Easterners in the United States

**William B. Terry**

Major: Psychology

*Honors in Psychology & Brain Sciences*

**Chloe R. Van Noy**

Major: Psychology

*Honors in Psychology & Brain Sciences, Undergraduate Research Scholar*

Thesis: Mother-Infant Neural Synchrony in the Case of Depressed Mothers: Helpful or Harmful to Infant Development?

**Ariel J. Vantreese**

Major: Psychology

Minor: Spanish

Certificates in Behavioral Health, Healthy Development

*Honors in Psychology & Brain Sciences*

**Haley A. Zindler**

Major: Psychology

Minor: Business & Sport Management

Certificate in Behavioral Health

*Honors in Psychology & Brain Sciences*

**Hailey L. Baker**

Major: University Studies

Minors: Philosophy & Communication

*Honors in Society, Ethics & Law, Undergraduate Research Scholar,*

*Undergraduate Teacher Scholar*

Thesis: A Critical Exploration of Animal Shelters through Companion Animal Ethics and the Case Study of Human-Dog Relationships

**Isabella C. Gonzalez**

Major: University Studies

Minors: Philosophy & Leadership

*Honors in Society, Ethics & Law, Undergraduate Research Scholar*

Thesis: The Catholic Church's Shift in Death Penalty Stance and its Contemporary Significance

**Eric D. Hawkins**

Major: University Studies

Minor: Philosophy & Business

Certificate in Philosophy Pre-Law

*Honors in Society, Ethics & Law*

**Ryleigh K. Phillips**

Major: University Studies

Minors: Philosophy & Spanish

Certificate in Proficiency Modern Lang

*Honors in Society, Ethics & Law, Undergraduate Research Scholar*

Thesis: Efficacy of Dual Language Programs in Texas

**Kaylyn K. Bernal**

Major: Political Science

Minors: Spanish & Comparative Cultural St - Int

*Liberal Arts Cornerstone Honors*





# GRADUATE RECOGNITION

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## COLLEGE OF ARTS & SCIENCES

**Mary K. Jones**

Major: University Studies  
Minors: Philosophy & Leadership  
*Liberal Arts Cornerstone Honors*

# GRADUATE RECOGNITION

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## MAYS BUSINESS SCHOOL

**Jacob H. Allison**

Majors: Business Honors & Finance  
*Business Honors*

**Aaryan R. Amin**

Major: Business Honors  
*Business Honors*

**Dominic L. Anghilante**

Majors: Business Honors & Accounting  
*Business Honors*

**Alice R. Apple**

Majors: Business Honors & Management  
*Business Honors*

**Cade M. Baker**

Majors: Business Honors & Finance  
Minor: Sport Management  
Certificate in Energy Accounting  
*Business Honors*

**Sungeun Bang**

Majors: Business Honors & Management Information Systems  
Minor: Music Technology  
*Business Honors*

**Katherine A. Brigham**

Degrees: MS Management Information Systems, BBA Accounting & Business Honors  
*Business Honors*

**Michael B. Brown**

Majors: Business Honors & Finance  
*Business Honors*

**Sarah M. Brown**

Majors: Business Honors & Marketing  
*Business Honors*

**Cameron H. Carney**

Degrees: MS Accounting, BBA Accounting & Business Honors  
*Business Honors*

**Connor A. Carrera**

Majors: Business Honors & Management  
*Business Honors*

**Margaret M. Castranova**

Majors: Business Honors & Finance  
Minor: Public Health  
*Business Honors*

**Emma L. Cate**

Major: Management Information Systems  
Certificate in Internal Audit  
*Business Honors*

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Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

**Madeline S. Claybrook**

Degrees: MS Accounting, BBA Accounting & Business Honors  
*Business Honors*



# GRADUATE RECOGNITION

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## MAYS BUSINESS SCHOOL

**Swapnil Dash**

Major: Business Honors  
*Business Honors, Honors Fellow*

**Pablo A. De La Garza**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

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Certificate in Energy Accounting  
*Business Honors*

**Chaahat S. Dhukka**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

**Robert H. Diamond**

Majors: Business Honors & Accounting  
*Business Honors*

**Amy M. Dittmar**

Degrees: MS Accounting, BBA Accounting & Business Honors  
*Business Honors*

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Majors: Business Honors & Marketing  
*Business Honors*

**Raegan N. Everson**

Majors: Business Honors & Marketing  
Minor: Sport Management  
*Business Honors*

**Emelia G. Gamez**

Majors: Business Honors & Marketing  
*Business Honors*

**Melissa Garza Bustillos**

Majors: Business Honors & Finance  
Minor: Economics  
Certificate in Intl Business Studies  
*Business Honors*

**Cade R. Gilliam**

Majors: Business Honors & Marketing  
*Business Honors*

**Nicholas F. Goodman**

Majors: Business Honors & Supply Chain Management  
*Business Honors*

**Jared A. Gutierrez**

Majors: Business Honors & Finance  
*Business Honors*

**Camryn B. Hale**

Majors: Business Honors & Supply Chain Management  
Certificate in Intl Business Studies  
*Business Honors*

# GRADUATE RECOGNITION

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## MAYS BUSINESS SCHOOL

**Cole A. Harris**

Majors: Business Honors & Finance  
*Business Honors*

**Ethan Herndon**

Majors: Business Honors & Finance  
*Business Honors*

**Jessica E. Johnson**

Degrees: MS Accounting, BBA Accounting & Business Honors  
Certificate in Energy Accounting  
*Business Honors*

**Ellen A. Kackley**

Majors: Business Honors & Finance  
*Business Honors*

**Canon J. King**

Degrees: MS Accounting, BBA Accounting & Business Honors  
*Business Honors*

**James A. Klein**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

**Sydney P. Knoop**

Degrees: MS Accounting, BBA Accounting & Business Honors  
Certificate in Intl Business Studies  
*Business Honors*

**Rayna B. Lewis**

Majors: Business Honors & Marketing  
*Business Honors*

**Benjamin Longoria**

Majors: Business Honors & Management  
Certificate in Intl Business Studies  
*Business Honors*

**Luis J. Lugo**

Majors: Business Honors & Marketing  
Minor: Sport Management  
*Business Honors*

**Pravalika R. Manchi**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

**Artemio Martinez**

Majors: Business Honors & Finance  
*Business Honors*

**Garrett Meier**

Majors: Business Honors & Finance  
Certificate in Petroleum Ventures  
*Business Honors*

**Timothy J. Mosher**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

**Taylor T. Nguyen**

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*Business Honors*



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## MAYS BUSINESS SCHOOL

**Tyler M. O'Neil**

Majors: Business Honors & Supply Chain Management  
*Business Honors*

**Joshua T. Puca**

Majors: Business Honors & Finance  
*Business Honors*

**Jill E. Reed**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

**Carlee K. Richardson**

Majors: Business Honors & Marketing  
Minor: Tourism Management  
Certificate in Prof Event Management  
*Business Honors*

**Leandra N. Rivas**

Majors: Business Honors & Management  
Minor: English  
*Business Honors*

**William G. Roehr**

Majors: Business Honors & Finance  
*Business Honors*

**Coltin R. Rowbotham**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

**Sumukh Satish**

Majors: Business Honors & Finance  
*Business Honors*

**Evan T. Schawe**

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*Business Honors*

**Jamey A. Shewmake**

Majors: Business Honors & Management  
Minor: English  
*Business Honors*

**Mark M. Smith**

Majors: Business Honors & Finance  
Minor: Economics  
*Business Honors*

**Vianney Sotelo**

Degrees: MS Management Information Systems, BBA Accounting & Business Honors  
*Business Honors*

**Elisha R. Sriram**

Major: Business Honors  
*Business Honors*

**John W. Strock**

Majors: Business Honors & Finance  
Certificate in Philosophy Pre-Law  
*Business Honors*

# GRADUATE RECOGNITION

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## MAYS BUSINESS SCHOOL

**William P. Sullivan**

Majors: Business Honors & Finance  
Minor: Entrepreneurship  
*Business Honors*

**Johnny O. Torres**

Degrees: MS Management Information Systems, BBA Accounting & Business Honors  
*Business Honors*

**Allie R. Tschirhart**

Degrees: MS Accounting, BBA Accounting & Business Honors  
*Business Honors*

**Kaylee G. Veach**

Majors: Business Honors & Management  
*Business Honors*

**Sophia I. Villarreal**

Majors: Business Honors & Marketing  
Minor: Communication  
*Business Honors*

**Rylan L. Wagner**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
*Business Honors*

**Hollis K. Wilkins**

Degrees: MS Accounting, BBA Accounting & Business Honors  
Minor: Spanish  
*Business Honors*

**Gracie L. Williams**

Degrees: MS Accounting, BBA Accounting & Business Honors  
Minor: Spanish  
Certificate in Non-Profit Management  
*Business Honors*

**Ryan T. Williamson**

Major: Business Honors  
Certificate in Intl Trade & Agriculture  
*Business Honors*

**Alexander V. Yang**

Degrees: Masters of Financial Management, BBA Accounting & Business Honors  
Minor: Anthropology  
*Business Honors*



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## COLLEGE OF ENGINEERING

**Ines Abrahamsson**

Major: Biomedical Engineering  
Minor: Business  
*Engineering Honors*

**Avik S. Ahuja**

Major: Mechanical Engineering  
Minor: Pre-Medicine  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Synthesis, Characterization, and Optimization of Metal–Organic Framework (MOF)-74-Magnesium Nanoparticle for Drug Delivery Systems

**Jack L. Alagood**

Major: Electrical Engineering  
Minor: Mathematics  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: WBG Devices-Based Matrix Converter for 3-Phase AC to DC Conversion in Industrial Computing Applications

**Ebtehal K. Alharbi**

Major: Petroleum Engineering  
Minor: Engineering  
Certificate in Project Management Data Analytics Petro Industry  
*Engineering Honors, Honors Fellow*

**Lara Amiouny**

Major: Chemical Engineering  
*Engineering Honors*

**Aidan D. Atkins**

Major: Biomedical Engineering  
*Engineering Honors*

**Rahul V. Ayanampudi**

Major: Aerospace Engineering  
Minors: Mathematics & Computer Science  
Certificate in Engr Concept Creation & Comm  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: LIDAR Measurement of Atmospheric Profiles with a Multi-Prism Atomic Cesium Vapor Cell

**Richard A. Balbin**

Major: Biomedical Engineering  
*Engineering Honors*

**Thomas M. Bannister**

Major: Mechanical Engineering  
*Engineering Honors*

**Joshua L. Bartlett**

Major: Mechanical Engineering  
*Engineering Honors*

**Kyle N. Bedrich**

Major: Electrical Engineering  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: WBG Devices-Based Matrix Converter for 3-Phase AC to DC Conversion in Industrial Computing Applications

**Raghav P. Bhatnagar**

Major: Aerospace Engineering  
*Engineering Honors*

# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

### **Samuel T. Bieberich**

Major: Electrical Engineering

Minors: Physics & Mathematics

*Engineering Honors, Undergraduate Research Scholar*

Thesis: GPU Scheduling Via Kubernetes

### **Jibin Biju**

Major: Electrical Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Unattended Ground Sensors: Power Harvesting For Sensor Operation And Interrogation From Moving Vehicles

### **Dennis A. Binford**

Major: Electrical Engineering

Minor: Computer Science

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Computationally Light Audio Localization for Robotics

### **Sadie B. Binz**

Major: Aerospace Engineering

*Engineering Honors*

### **Aditya J. Biradar**

Major: Computer Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Learning From Limited Data: Investigation of Machine Learning Algorithms for Light Microscopy Image Analysis

### **Archisha Biswas**

Major: Biomedical Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Quantitative Analysis of Antibiotic Tolerance in Clinical E. Coli Strains

### **Annaleah Q. Bone**

Major: Civil Engineering

*Engineering Honors*

### **Ruben D. Bonett**

Major: Electrical Engineering

Minor: Mathematics

*Engineering Honors, Honors Fellow, Undergraduate Research Scholar*

Thesis: Advanced Power Management of eVTOL Aircraft

### **Mitchell A. Bonner**

Major: Biomedical Engineering

*Engineering Honors*

### **Braden Box**

Major: Electrical Engineering

Minor: Computer Science

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Design of a 3-D Printed Free-Space Permittivity Measurement Setup at Microwave Frequencies

### **Braden J. Bradford**

Major: Materials Science & Engr

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Belowground Insect Herbivory Induces Systemic Volatile Emissions That Strengthen Neighboring Plant Resistance Aboveground

### **Walker J. Buckle**

Major: Aerospace Engineering

Minor: Mathematics

*Engineering Honors*



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## COLLEGE OF ENGINEERING

**Luke A. Bunting**

Major: Mechanical Engineering  
Minor: Computer Science  
*Engineering Honors*

**Jenna G. Carr**

Major: Biomedical Engineering  
Certificate in Holistic Leadership in Engr  
*Engineering Honors, Honors Fellow, Undergraduate Service Scholar*

**Kacy N. Carter**

Major: Aerospace Engineering  
Minor: Mathematics  
*Engineering Honors*

**Mandalyn G. Castleberry**

Major: Mechanical Engineering  
Minor: Biomedical Engineering  
Certificate in Holistic Leadership in Engr  
*Engineering Honors*

**Jason M. Champagne**

Major: Electrical Engineering  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Tennis Ball Serve Speed Estimation

**Ivan M. Chavez**

Major: Civil Engineering  
Minor: Engineering Project Management  
*Engineering Honors*

**Victoria E. Chen**

Major: Computer Engineering  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Enhancing User Interaction and Data Visualization in High Performance Computing Dashboards

**Blake E. Chevalier**

Major: Electrical Engineering  
Minor: Computer Science  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Computationally Light Audio Localization for Robotics

**Dalton Childs**

Major: Aerospace Engineering  
Minor: Mathematics  
*Engineering Honors*

**Jake A. Cruz**

Major: Civil Engineering  
*Engineering Honors*

**Landon R. Dahle**

Major: Biomedical Engineering  
Minor: Engineering Entrepreneurship  
Certificate in Engr Concept Creation & Comm  
*Engineering Honors*

**Matthew T. Daugird**

Major: Mechanical Engineering  
*Engineering Honors*

# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

### **Sima Dib**

Major: Biomedical Engineering

Minors: Radiological Health Engr & Spanish

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Characterization of Reporter Proteins for a Synthetic Biology Toolbox in Brucella Melitensis BmΔvjbR for Bacteria Cancer Therapy

### **Anish P. Easwaran**

Major: Biomedical Engineering

*Engineering Honors*

### **Ian C. Farrar**

Major: Electrical Engineering

Minor: Computer Science

*Engineering Honors, Undergraduate Research Scholar*

Thesis: WBG Devices-Based Matrix Converter for 3-Phase AC to DC Conversion in Industrial Computing Applications

### **Bailey A. Faulk**

Major: Electrical Engineering

Minor: Computer Science

*Engineering Honors, Undergraduate Research Scholar*

Thesis: CPU Optimization for Training Large Language Models

### **James M. Fontenot**

Major: Computer Science

*Engineering Honors*

### **Lindsey A. Ford**

Major: Materials Science & Engr

Certificate in Corrosion Science & Engr

*Engineering Honors*

### **Caleb M. Fowler**

Major: Mechanical Engineering

Minor: Mathematics

*Engineering Honors*

### **Kendall P. Frazee**

Major: Biomedical Engineering

Minor: Electrical Engineering

*Engineering Honors, Honors Fellow*

### **Baylee L. Freeman**

Major: Chemical Engineering

Minor: Mathematics

Certificate in Holistic Leadership in Engr

*Engineering Honors, Honors Fellow*

### **Amanda E. Galloway**

Major: Biomedical Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Metabolic Analysis of LDHB Inhibition in Triple Negative Breast Cancer Reveals Novel Selective Treatment

### **Jack M. Gauderman**

Major: Electrical Engineering

Minor: Computer Science

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Learning From Limited Data: Investigation of Machine Learning Algorithms for Light Microscopy Image Analysis



# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

**Carol A. Geng**

Major: Computer Science  
Minors: Art & Mathematics

*Engineering Honors, Honors Fellow, Undergraduate Research Scholar*  
Thesis: Outcrop Sketch: A Machine Learning Approach For Geological Feature Identification

**Kaylin E. Gerik**

Major: Civil Engineering  
*Engineering Honors*

**Nicole M. Giovannetti**

Major: Environmental Engineering  
*Engineering Honors, Honors Fellow*

**Kayal V. Gownder**

Major: Biomedical Engineering  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Software Tools For The Evaluation Of Magnetic Field Effects On the Fluorescence Of Biological Molecules

**Jacdon D. Green**

Major: Electrical Engineering  
Minor: Computer Science  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Design of a 3-D Printed Free-Space Permittivity Measurement Setup at Microwave Frequencies

**Anjali A. Hole**

Major: Computer Science  
Minor: Pre-Medicine  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Evaluating LLMs for AI-Assisted Preliminary Medical Diagnosis: Accuracy, Risks, and Telehealth Integration

**Andrew J. Hollister**

Major: Mechanical Engineering  
*Engineering Honors*

**Nathan C. Hung**

Major: Aerospace Engineering  
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*Engineering Honors*

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Minor: Mathematics  
Certificates in Engr Concept Creation & Comm, Intl Engineering  
*Engineering Honors*

**Sarah M. Jackson**

Major: Electrical Engineering  
Minors: Spanish & Computer Science  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: FPGAfuzz: Accelerating Hardware Fuzzing through FPGA Emulation

**Cole T. Jahnke**

Major: Mechanical Engineering  
*Engineering Honors*

**Ethan A. Joseph**

Major: Materials Science & Engr  
*Engineering Honors*

# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

**Fouzul H. Kansul**

Major: Biomedical Engineering  
*Engineering Honors*

**Anthony A. Karam**

Major: Mechanical Engineering  
Minor: Materials Science & Engr  
*Engineering Honors*

**Vinitha Karnati**

Major: Biomedical Engineering  
*Engineering Honors*

**Anish Karthik**

Degrees: BS Computer Science & BS Applied Mathematics & Computer Science &  
Statistics  
Minor:

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Use of External Memory for 2D Navigation in Reinforcement Learning Agents

**Deeptha S. Karur**

Major: Electrical Engineering  
*Engineering Honors, Undergraduate Research Scholar*

Thesis: Implementing the Diffusion Model on Neuromorphic Hardware

**Varshitha M. Krishnan**

Major: Biomedical Engineering  
*Engineering Honors, Undergraduate Research Scholar*

Thesis: Development of a Photodegradable Macromer for Biosensor Degradation

**Hallie J. Kubicek**

Major: Chemical Engineering  
Minor: Mathematics  
*Engineering Honors, Honors Fellow*

**Rachel M. Kurian**

Major: Electrical Engineering  
Minor: Mathematics  
Certificate in Holistic Leadership in Engr  
*Engineering Honors, Undergraduate Research Scholar*

Thesis: Belowground Insect Herbivory Induces Systemic Volatile Emissions That  
Strengthen Neighboring Plant Resistance Aboveground; Respiration Rate Predictions  
Using Unimodal and Multimodal Approaches

**Suhrit S. Lavu**

Majors: Computer Science & Statistics  
Minor: Mathematics

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Predicting Adherence to Remote Patient Monitoring for Hypertension using  
Machine Learning

**Andrew D. Leach**

Major: Computer Science  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: GPU-Accelerated CMA-ES for Rigid Body Stacking

**Zelun Liu**

Major: Computer Science  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Typhoon: A Slice-Scrambled In-Place LSD Sort For Large-Scale Datasets



# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

**Luke D. Lovelace**

Major: Electrical Engineering  
Minor: Mathematics

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Unattended Ground Sensors: Power Harvesting For Sensor Operation And Interrogation From Moving Vehicles

**Davis Lu**

Major: Chemical Engineering  
*Engineering Honors*

**David X. Luo**

Major: Biomedical Engineering  
*Engineering Honors*

**Ethan S. Mahalingam**

Major: Biomedical Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Automated Preclinical Vascular Health Assessment with Machine Learning

**Alexander E. Mandanis**

Major: Electrical Engineering  
Minor: Mathematics

*Engineering Honors, Honors Fellow, Undergraduate Research Scholar*

Thesis: Plugged Into the Grid: Understanding Modern Power Needs through Electric Vehicle Charging Trends

**Hannah E. Marcus**

Major: Chemical Engineering  
Minor: Mathematics  
*Engineering Honors*

**Jessi A. Martinez**

Major: Nuclear Engineering  
Minor: Radiological Health Engr  
*Engineering Honors*

**Isabela Martinez Banda**

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Minor: Mathematics & Computer Science  
*Engineering Honors*

**George K. Mersiowsky**

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*Engineering Honors*

**Larissa L. Milanowski**

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*Engineering Honors*

**Benjamin E. Minter**

Major: Mechanical Engineering  
*Engineering Honors*

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# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

### **Michael M. Morrison**

Major: Computer Science

Minors: Cybersecurity & Mathematics

*Engineering Honors, Undergraduate Research Scholar*

Thesis: A Machine Learning Exposition to Efficiently Distinguish Passwords and Honeywords

### **Joshua D. Mueck**

Major: Computer Science

Minor: Cybersecurity

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Examination of Capability of Large Language Models (LLMs) in Solving Capture the Flag Problems and Identifying Code Vulnerabilities by Using Retrieval Augmented Generation (RAG) Techniques

### **Hemanth Mukesh**

Major: Computer Science

Minor: Statistics

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Graph Coloring in GraphBLAS

### **Abhinaya Muruganandham**

Major: Biomedical Engineering

Minor: Bioinformatics

*Engineering Honors*

### **Stephen S. Muttathil**

Major: Electrical Engineering

Minor: Computer Science

*Engineering Honors, Undergraduate Research Scholar*

Thesis: SuperFuzzer

### **Rohit Narayan**

Major: Computer Science

Minors: Mathematics & Business

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Machine Learning Augmented Intrusion Detection Mechanism Within Operational Technology

### **Calvin Nguyen**

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### **Meghan R. Nolan**

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*Engineering Honors*

### **Oliver R. Norris**

Major: Chemical Engineering

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### **Blake A. Olson**

Major: Computer Science

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Test-Time Computations for Large Language Models: Techniques and a Benchmark

### **Oluwajomiloju O. Olufemi**

Major: Biomedical Engineering

Minor: Mathematics

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Effects of Glycosylation on Solvation and Binding of CD2 and CD58



# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

**Gopal Othayoth**

Major: Computer Science  
Minors: Business & Mathematics  
*Engineering Honors*

**Olivia K. Overlease**

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Certificate in Holistic Leadership in Engr  
*Engineering Honors*

**Thomas E. Parlette**

Major: Civil Engineering  
*Engineering Honors*

**Rushangi D. Patel**

Major: Biomedical Engineering  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Modeling Venous Hemodynamics using a Hemadyne Perfusion System

**Casey T. Pei**

Major: Computer Science  
Minor: Statistics  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Edge Betweenness Centrality in GraphBLAS

**Brigham J. Pettit**

Major: Computer Science  
Minor: English  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: A Framework for Identifying Emotional Triggers for Personal Psychological Well-Being

**Emory L. Phu**

Major: Biological & Agricultural Engr  
*Engineering Honors*

**Alexander L. Pickard**

Major: Aerospace Engineering  
*Engineering Honors*

**Walker D. Pierce**

Major: Mechanical Engineering  
Minor: Mathematics  
*Engineering Honors*

**Thomas P. Pitonak**

Major: Mechanical Engineering  
*Engineering Honors*

**Wyatt M. Potts**

Major: Aerospace Engineering  
*Engineering Honors*

**Rishikesh Prasad**

Major: Computer Engineering  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: CPU Optimization for Training Large Language Models

**Jackson M. Rahm**

Major: Multidisc Engineering Tech  
Minors: Mathematics & Embedded Systems Integration  
*Engineering Honors*

# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

### **Vishnuvardhan Ramesh**

Major: Computer Engineering  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Flip-Flop Optimization Using Machine Learning for IC Design

### **Jake R. Remmert**

Major: Chemical Engineering  
Minor: Mathematics  
*Engineering Honors*

### **Mary B. Rocchio**

Major: Biomedical Engineering  
Minor: Engineering Project Management  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Analyzing Degradable Polymer Stents in Tissue Phantom Using Micro-CT

### **Diego E. Ross**

Major: Nuclear Engineering  
Minors: English & Business  
*Engineering Honors*

### **Samuel H. Rubin**

Major: Mechanical Engineering  
*Engineering Honors*

### **Naren Sankar Sai Kolappan**

Major: Aerospace Engineering  
Minor: Mathematics  
*Engineering Honors*

### **Jossalyn T. Satterfield**

Major: Chemical Engineering  
*Engineering Honors*

### **Peter L. Schlenker**

Major: Computer Science  
Minors: Mathematics & Game Design & Development  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Using AI to Recreate Virtual Environments from Photos to Help Older Adults Remember Their Past

### **Isabella R. Schmitz**

Major: Chemical Engineering  
Minor: Mathematics  
Certificate in Engr Therapeutics Manuf  
*Engineering Honors*

### **Nathan C. Schuetze**

Major: Mechanical Engineering  
Minor: Engineering Project Management  
*Engineering Honors*

### **Joey S. See**

Major: Electrical Engineering  
Minor: Mathematics  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: CHIPLLM: Coherent Hardware IP Piracy via Large Language Model

### **Ilan M. Sela**

Major: Electrical Engineering  
Minor: Computer Science  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Black-Box Offline Optimization via Large Language Models



# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

### **Maya J. Shah**

Major: Computer Science

Minor: Business & Mathematics

Certificate in Holistic Leadership in Engr

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Bubble Aid: Assistive AI To Improve The Robustness and Security Of Reading Hand-Marked Ballots

### **Rahul M. Shankar**

Major: Biomedical Engineering

*Engineering Honors*

### **Reuben J. Sieler**

Major: Mechanical Engineering

*Engineering Honors*

### **Deven N. Sterzing**

Major: Biomedical Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Tunable Enzymatic Degradation of PEG-Based Granular Hydrogels for Tissue Engineering

### **Emma J. Stewart**

Major: Mechanical Engineering

Minor: Mathematics

*Engineering Honors, Honors Fellow*

### **Aiden F. Stickney**

Major: Computer Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Machine Learning for Computer Architecture IPC Prediction

### **Lainey K. Streetman**

Major: Biomedical Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Modeling Molecule Diffusion Through a Hydrogel-Based Multi-Analyte Biosensor

### **Gwyneth T. Svatek**

Major: Materials Science & Engr

*Engineering Honors*

### **Elena M. Swenson**

Major: Nuclear Engineering

Minor: Radiological Health Engr

*Engineering Honors*

### **Alexandra Tabacaru**

Major: Biomedical Engineering

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Efficiency Calibration Procedure of a High Purity Germanium Gamma Ray Detector for the Astatine-211 Production at the Cyclotron Institute

### **David V. Tanase**

Major: Computer Science

Minor: Mathematics

*Engineering Honors, Undergraduate Research Scholar*

Thesis: Multimodal Survival Analysis for Colorectal Cancer

### **Kevin H. Tang**

Major: Computer Science

Minors: Cybersecurity & Mathematics

*Engineering Honors, Honors Fellow, Undergraduate Research Scholar*

Thesis: The Digital Language: The Design and Interpretation of Web Icons

# GRADUATE RECOGNITION

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## COLLEGE OF ENGINEERING

### **Noah M. Taylor**

Major: Biomedical Engineering  
*Engineering Honors, Honors Fellow*

### **William A. Taylor**

Major: Industrial Engineering  
Minors: Computer Science & Statistics Data Engineering  
*Engineering Honors*

### **Kevin Thomas**

Major: Computer Science  
Minor: Mathematics  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Machine Learning Augmented Intrusion Detection Mechanism Within Operational Technology

### **Mauricio A. Treviño**

Major: Mechanical Engineering  
*Engineering Honors*

### **Scott M. Trouy**

Major: Nuclear Engineering  
Minor: Mathematics  
*Engineering Honors*

### **Ferris E. Turney**

Major: Mechanical Engineering  
Minor: Mathematics  
*Engineering Honors*

### **Dylan J. Tysinger**

Major: Aerospace Engineering  
Minor: Mathematics  
*Engineering Honors*

### **Carlos D. Vazquez**

Major: Computer Science  
Minor: Philosophy  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Virtuous and Vicious LLM Usage in K-12 Classrooms: \ Exploratory Teacher Interviews with a Virtue Ethics Framework

### **Likhitha S. Veerapalli**

Major: Biomedical Engineering  
Certificate in Holistic Leadership in Engr  
*Engineering Honors*

### **Krishnan S. Vellore**

Major: Aerospace Engineering  
Minors: Computer Science & Mathematics  
*Engineering Honors*

### **Sarah C. Voon**

Major: Biomedical Engineering  
Minor: Mathematics  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Tissue Engineered Patterns for Wound Healing

### **MaryGrace N. Wahby**

Major: Biomedical Engineering  
*Engineering Honors, Honors Fellow*



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## COLLEGE OF ENGINEERING

**Colby R. Wilkens**

Major: Biomedical Engineering  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Mechanical Testing of Extracorporeal Tubing Connections

**Jenna A. Woodard**

Major: Aerospace Engineering  
Minor: Mathematics  
*Engineering Honors*

**Matthew A. Wright**

Major: Aerospace Engineering  
Minor: Mathematics  
*Engineering Honors*

**Joshua W. Xia**

Major: Electrical Engineering  
Minor: Mathematics  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Transmission Expansion Planning with Complex Networks

**Eric H. Yang**

Major: Computer Science  
Minors: Cybersecurity & Mathematics  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: Test Driven Regular Expression Program Synthesis

**Griffyn R. Young**

Major: Electrical Engineering  
Minor: Computer Science  
*Engineering Honors, Undergraduate Research Scholar*  
Thesis: CPU Optimization for Training Large Language Models

# GRADUATE RECOGNITION

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## BUSH SCHOOL OF GOVERNMENT & PUBLIC SERVICE

**Allison E. Cholette**

Major: International Studies & Modern Languages  
*Honors in International Studies*

**Ainsley A. Duncan**

Major: International Studies  
Minor: Russian  
*Honors in International Studies*

**Ana S. Gou**

Majors: International Studies & Spanish  
Minor: Communication & Hispanic Studies Comm Engagemt  
*Honors in International Studies, Honors Fellow*

**Marley A. Grimes**

Degrees: Masters of International Affairs, BA International Studies  
Minor: Arabic Studies  
*Honors in International Studies*

**Jackson E. Hadwin**

Majors: International Studies & Modern Languages  
Minor: International Relations  
*Honors in International Studies*

**Grant D. Heye**

Degrees: Masters of International Affairs, BA International Studies  
*Honors in International Studies*

**Sarah G. Lyssy**

Major: International Studies  
Minors: Spanish & Business  
*Honors in International Studies*

**Gavin W. McCarty**

Major: International Studies  
Minor: Arabic Studies  
*Honors in International Studies*

**Abigail L. Owen**

Majors: International Studies & English  
Minor: Comparative Cultural St - Int & Cybersecurity  
*Honors in English, Honors in International Studies, Honors Fellow, Undergraduate Research Scholar*  
Thesis: The Blurring Boundaries between Advocacy and Surveillance: The Use of Biometric Identification Technologies on Refugee Populations

**Lane S. Phillips**

Major: International Studies  
Minors: Russian & Sociology  
*Honors in International Studies*

**Rockney J. Reid**

Degrees: Masters of International Affairs, BA International Studies  
Minor: Economics  
*Honors in International Studies, Undergraduate Performance Scholar*

**Srikar T. Satish**

Major: Political Science  
*Honors in International Studies*



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## BUSH SCHOOL OF GOVERNMENT & PUBLIC SERVICE

**Allen L. Zhang**

Major: International Studies  
Minor: Chinese

*Liberal Arts Cornerstone Honors, Honors in International Studies, Honors Fellow,  
Undergraduate Research Scholar*

Thesis: From Foundation to Friction: Reform and Opening-up Policies and the Origins of  
China’s Middle-Income Challenge

**Dara R. Hawkins**

Major: Political Science  
Minor: Film & Media Studies

*Honors in Political Science, Honors Fellow, Undergraduate Teacher Scholar*

**Josh N. Ozoa**

Major: Political Science  
Minor: Philosophy

Certificate in Philosophy Pre-Law

*Honors in Political Science, Honors Fellow, Undergraduate Research Scholar*  
Thesis: Feminist Critiques of John Stuart Mill’s The Subjection of Women

# GRADUATE RECOGNITION

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## COLLEGE OF NURSING

**Elise C. Foral**  
Major: Nursing  
*Honors in Nursing*

**Parker E. Ford**  
Major: Nursing  
*Honors in Nursing*

**Kylie K. Huber**  
Major: Nursing  
Minor: Psychology  
*Honors in Nursing, Honors Fellow*

**Julia E. Raess**  
Major: Nursing  
*Honors in Nursing*



# GRADUATE RECOGNITION

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## UNIVERSITY-LEVEL DISTINCTIONS

### **Kimberly A. Aguilar-Martinez**

Major: Psychology

Minor: Neuroscience

*Honors Fellow, Undergraduate Research Scholar*

Thesis: Echoes of Trauma: Neural Indicators of Emotional Reactivity in Infants with Traumatized Parents

### **Kiyan Alrobaire**

Major: Neuroscience

Minor: Psychology

*Undergraduate Research Scholar*

Thesis: The Role of Striatal Glutamate on Punishment Resistance in Habitual Cocaine Seeking Rats

### **Laura B. Anderson**

Major: Biomedical Sciences

Minor: Anthropology

Certificate in Biomedical Research

*Honors Fellow, Undergraduate Research Scholar*

Thesis: Exploring the Regional Concept of Wellbeing in Florence, Italy Using Cultural Consensus and Consonance Analyses

### **Angel J. Aparicio**

Major: Communication

Minor: English

*Undergraduate Research Scholar*

Thesis: BANG: What Does it Mean to be Human in a Universe Without Any?

### **Avery A. Awalt**

Major: Biomedical Sciences

Minor: Neuroscience

*Undergraduate Research Scholar*

Thesis: Do Systemic Processes Fuel Pain-Induced Hemorrhage Following Spinal Cord Injury?

### **Jackson M. Baker**

Majors: History & Anthropology

*Undergraduate Research Scholar*

Thesis: 'The Duty Ours:' A Preliminary Analysis for the Recovery of Aggies Missing in Action

### **Reagan M. Baker**

Major: Biomedical Sciences

Minor: Spanish

*Honors Fellow, Undergraduate Leadership Scholar*

### **Matthew C. Ball**

Major: Chemical Engineering

*Undergraduate Research Scholar*

Thesis: Quantitative Understanding of BMP Signal Transduction in Drosophila Ovarian Germline Stem Cell Division

### **Willem J. Bannick**

Major: Mechanical Engineering

Minor: Electrical Engineering

*Undergraduate Research Scholar*

Thesis: Direct User Control of Knee Exoskeletons

### **Alexander M. Beamer**

Major: Computer Science

Minor: Mathematics

*Undergraduate Research Scholar*

Thesis: Userspace Memory Remapping Interfaces

# GRADUATE RECOGNITION

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## UNIVERSITY-LEVEL DISTINCTIONS

### **Kaitlynn B. Bindel**

Major: Biology

Minor: Psychology

*Honors Fellow, Undergraduate Service Scholar*

### **Brinley Boyett**

Major: Computer Science

Minor: Statistics

*Undergraduate Research Scholar*

Thesis: Examining Educators' Impact on Learning Environment, Technological Literacy, and Teaching Effectiveness through Integrating AI in the Classroom

### **Zachary P. Bucknor-Smartt**

Major: Mechanical Engineering

*Undergraduate Research Scholar*

Thesis: Direct User Control of Knee Exoskeletons

### **Sofia C. Campos**

Major: Neuroscience

Minor: Business

*Honors Fellow, Undergraduate Service Scholar*

### **Jaden R. Carmichael**

Major: Neuroscience

*Undergraduate Research Scholar*

Thesis: Optogenetic Excitation of Dorsomedial Striatal D2-Cre Neurons Using a Wireless Light Delivery System

### **Aditi Chadha**

Major: Biochemistry

*Undergraduate Research Scholar*

Thesis: Regulation of Cellular Lipid Distribution by Phosphatidylinositol Transfer Protein NC1 (PITPnc1)

### **Juntao Chen**

Major: Electrical Engineering

Minors: Computer Science & Biomedical Engineering

*Undergraduate Research Scholar*

Thesis: Weather-informed Bio-inspired Short-term And Mid-term Load And Renewable Prediction Model

### **Adya S. Cherukuri**

Major: Neuroscience

Minor: Psychology

*Honors Fellow, Undergraduate Research Scholar*

Thesis: Investigation of the Homeostatic Function of Late-Onset Alzheimer's Disease Risk Factor BIN1 in Mature Oligodendrocytes

### **Evelyn Y. Chew**

Major: Biomedical Sciences

Minors: Business & Art & Architectural History

*Honors Fellow, Undergraduate Performance Scholar*

### **Sophia J. Christiansen**

Major: Biomedical Sciences

Minors: History & Public Health

*Honors Fellow, Undergraduate Teacher Scholar*

### **Sungeun Chung**

Major: History

Certificate in Legal History

*Undergraduate Research Scholar*

Thesis: Legal Culture of the Civil War: Framing of Section One of the Fourteenth Amendment



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## UNIVERSITY-LEVEL DISTINCTIONS

**Matthew J. Cupich**

Major: Chemical Engineering  
*Honors Fellow*

**Conner I. Danao**

Major: Biology  
*Undergraduate Research Scholar*

Thesis: Differential immune response to a peripheral immune challenge in the Df[h15q13]/+ mouse model for human 15q13.3 microdeletion syndrome

**Daniela De Hoyos Canales**

Major: Biomedical Engineering  
Minor: Engineering Project Management  
*Undergraduate Research Scholar*

Thesis: Label-free Detection and Characterization of Metabolism in Fresh and Cryopreserved Macrophages

**D'Marco D. De Leon**

Major: Biochemistry  
*Honors Fellow, Undergraduate Research Scholar*

Thesis: Localization of DGAT2 from the Endoplasmic Reticulum to the Lipid Droplet

**Monica Dhingra**

Major: Neuroscience  
Minor: Performance Studies  
*Honors Fellow, Undergraduate Research Scholar*

Thesis: Effects of Parafascicular Thalamus Activation on Punished Cocaine Seeking in Rats

**Alec S. Farris**

Major: Electrical Engineering  
Minor: Computer Science  
Certificate in Adv International Affairs  
*Undergraduate Research Scholar*

Thesis: Design of a Portable FMCW Radar for Through-Barrier Detection

**Jake G. Fields**

Majors: Biochemistry & Genetics  
Minor: Bioinformatics  
*Honors Fellow, Undergraduate Research Scholar*

Thesis: Application of Exogenous Sterols for the Reduction of Growth in Arabidopsis thaliana

**Valentina Foinquinos**

Major: Psychology  
Certificate in Neuroscience Behavioral Health  
*Undergraduate Research Scholar*

Thesis: CDIMS and Triterpenoids Can Act as Antidepressants in Female Mice

**Alexa L. Frei**

Major: Genetics & Biochemistry  
Minor: Statistics  
*Undergraduate Research Scholar*

Thesis: Characterization of Coxiella burnetii CBU1198 Effector Influence on Growth Phenotypes

**Caroline Fu**

Major: Economics  
*Undergraduate Research Scholar*

Thesis: Political Party Affiliation and Walkability in American Cities

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## UNIVERSITY-LEVEL DISTINCTIONS

**Eden E. Fusselman**

Major: Industrial Engineering  
Minor: Mathematics  
Certificate in Data Center Oper Engr  
*Honors Fellow*

**Alexcia R. Gaines**

Major: Biomedical Sciences  
Minor: Entomology  
Certificate in Biomedical Research  
*Honors Fellow, Undergraduate Research Scholar*  
Thesis: Examination of the Relationship Between Texas A&M Student Personality and Animals Owned

**Andrew P. Haney**

Major: Materials Science & Engr  
*Undergraduate Research Scholar*  
Thesis: Optimizing Fabrication Process in Resurfacing-Regenerative Repair of Osteochondral Defects

**Holden D. Hatfield**

Major: Physics  
Minor: Mathematics  
*Honors Fellow, Undergraduate Research Scholar*  
Thesis: Variability of Star Formation in Low-Mass Galaxies in the Distant Universe

**Jillian M. Hermoso**

Major: Neuroscience  
Minor: Business  
*Undergraduate Research Scholar*  
Thesis: The Polysemous Associates Test

**Joshua M. Hillman**

Degrees: MS Economics, BS Economics  
Minor: Mathematics  
*Undergraduate Research Scholar*  
Thesis: Guardians Of Prosperity And Development: Unraveling The Nexus Between Constitutional Property Rights And Foreign Direct Investment

**Jacquelin D. Hobbs**

Major: Psychology  
*Honors Fellow*

**Ryan A. Holcomb**

Major: Anthropology  
*Undergraduate Research Scholar*  
Thesis: Aggie Perseverance: The Making and Legacy of a POW Camp Diary

**Grace N. Hough**

Major: Visualization  
Minor: Studio Art  
*Undergraduate Research Scholar*  
Thesis: Khmourg Nakry: A Ghost's Story

**Maxine E. Huang**

Major: Environ Design Arch Studies  
Minor: Ldrshp in Design & Constr Prof  
*Honors Fellow, Undergraduate Service Scholar*



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## UNIVERSITY-LEVEL DISTINCTIONS

### **Kaitlynn G. Hughes**

Major: Agricultural Economics

Minor: Economics

Certificate in Intl Trade & Agriculture

*Undergraduate Research Scholar*

Thesis: Value of the Agricultural Aerial Application Industry in the United States  
Delineated by Crops Grown and State: A Counterfactual Study

### **Sonia N. Jivani**

Major: Biomedical Sciences

Minors: Public Health & Spanish

*Honors Fellow, Undergraduate Service Scholar*

### **Sarah M. Kalainoff**

Major: Environmental Studies

*Undergraduate Research Scholar*

Thesis: Groundwater Arsenic and Adverse Birth Outcomes in Texas

### **Rylee J. King**

Major: Biomedical Sciences

Certificate in Biomedical Research

*Undergraduate Research Scholar*

Thesis: Characterizing Coxiella burnetii Transposon Mutants During Alveolar Macrophage  
Infection

### **Matthia A. Klatt**

Major: Biochemistry

Minors: German & Neuroscience

*Honors Fellow, Undergraduate Research Scholar*

Thesis: The Overexpression and Purification of the Integral Membrane Protein GlpG

### **Smriti V. Kolar**

Majors: Economics & Political Science

Minor: Mathematics

*Honors Fellow, Undergraduate Research Scholar*

Thesis: Investigating the Impact of R&D in Engineering on Semiconductor Supply Chains:  
Learnings from Taiwan for India

### **Mamta V. Korwani**

Major: Mechanical Engineering

*Undergraduate Research Scholar*

Thesis: Direct User Control of Knee Exoskeletons

### **Jaehyeok Kwon**

Major: Electrical Engineering

Minor: Mathematics

*Undergraduate Research Scholar*

Thesis: Undergraduate Research Towards An Integrated Modeling Framework For  
Electric Grid Planning

### **Kindy Li**

Major: Industrial Engineering

Minor: Mathematics & Business

Certificate in Data Engineering, Data Center Oper Engr

*Undergraduate Research Scholar*

Thesis: Wayward Sword: How Sibling and Family Dynamics Reflect Changes in Culture  
and Society

### **Emily A. Lightfoot**

Major: Economics

Minor: Mathematics

*Undergraduate Research Scholar*

Thesis: Firm Decision-Making After Hurricane Harvey

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## UNIVERSITY-LEVEL DISTINCTIONS

**Jose M. Lopez**

Major: Biomedical Engineering  
*Undergraduate Research Scholar*  
Thesis: 3D Scaffold for Bone Tissue Engineering

**Ethan D. Maclam**

Major: Biomedical Engineering  
*Undergraduate Research Scholar*  
Thesis: In Vivo Investigation of Network Excitability And Synaptic Plasticity Following Moderate Traumatic Brain Injury

**Isabel Marcos Noriega**

Major: International Studies  
Minor: Psychology & Legal Foundations  
*Honors Fellow, Undergraduate Service Scholar*

**Joshua N. Mayhugh**

Major: Computer Science  
Minor: Mathematics  
*Undergraduate Research Scholar*  
Thesis: Enhancing Children’s Pool Safety via Deep Learning-Based Activity Recognition and Pose Estimation

**Kylie N. McDaniel**

Degrees: BS Neuroscience & BA Spanish  
Certificate in Proficiency Modern Lang  
*Honors Fellow, Undergraduate Research Scholar*  
Thesis: Mother-Infant Neural Synchrony in the Case of Depressed Mothers: Helpful or Harmful to Infant Development?

**Samantha A. McDonald**

Major: Biomedical Sciences  
Minor: Business Biomedical Research  
*Undergraduate Research Scholar*  
Thesis: Insure Your Future: HealthCare.gov and Health Insurance Literacy of Young Adults in America

**Caroline N. McFadin**

Major: English  
*Undergraduate Research Scholar*  
Thesis: De La Luna y Aquí: Poems of Mysticism and Wonder; The Way Meat Loves Salt: An Exploration of Emotional Catharsis and Personal Transformation Within Horror

**Sydney F. Migura**

Major: Biomedical Sciences  
Minor: Health Humanities  
Certificate in Biomedical Research  
*Undergraduate Research Scholar*  
Thesis: Insure Your Future: HealthCare.gov and Health Insurance Literacy of Young Adults in America

**Joy Mireles**

Major: Marketing  
Minor: Entrepreneurship  
Certificate in Intl Business Studies  
*Undergraduate Service Scholar*

**Jordan M. Moore**

Major: Public Health  
Minor: Biomedical Sciences  
Certificates in Non-Profit Management, Health Communication, Biomedical Research  
*Undergraduate Research Scholar*  
Thesis: Walk Across Texas: An Analysis of the Economic Impact of an Online, Community-Based Physical Activity Program



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## UNIVERSITY-LEVEL DISTINCTIONS

**Isabel A. Moreno**

Major: Neuroscience

Minor: Dance Performance

*Undergraduate Research Scholar*

Thesis: Understanding the Impact of Norepinephrine and Transient Pain on Recovery Following Spinal Cord Injury

**Alexandra G. Morton**

Major: Biomedical Engineering

*Undergraduate Research Scholar*

Thesis: Effects of Extracellular Vesicles from Human-Induced Pluripotent Stem Cell Derived Astrocytes on Short- and Long-Term Hippocampal Neurogenesis

**Summer N. Moser**

Major: Psychology

*Undergraduate Research Scholar*

Thesis: Individual Differences in Willingness to Adopt Plant-Based Diet

**Neeka Motamedrasa**

Major: Neuroscience

Minor: Computer Science

*Undergraduate Research Scholar*

Thesis: Semantic Structures in Humans and Machines: Large Language Models

**Javid Mustafa**

Major: Mechanical Engineering

Minor: Mathematics

*Undergraduate Research Scholar*

Thesis: Direct User Control of Knee Exoskeletons

**Daniel P. Nguyen**

Major: Molecular & Cell Biology

Minors: Bioinformatics & Computer Science

*Undergraduate Research Scholar*

Thesis: Prediction of Iso-Orthology Between Hominidae and Human CysteinyI-tRNA Synthetase (CARS1) Isoforms

**Kaitlyn T. Nguyen**

Major: Nutrition

*Undergraduate Research Scholar*

Thesis: An Analysis of the Implementation of the Strong Teens for Healthy Schools Program

**Owen W. North**

Major: Biology

*Undergraduate Research Scholar*

Thesis: Widespread Loss of Sleep in Independently Evolved Populations of Wild-Caught Mexican Cavefish

**Alexander N. Nuccitelli**

Major: Computer Engineering

Minor: Mathematics

*Honors Fellow*

**Joseph A. Nuccitelli**

Major: Computer Engineering

*Honors Fellow*

**Angellina C. Ochoa**

Major: Psychology

Minor: Neuroscience

Certificate in Behavioral Health

*Undergraduate Research Scholar*

Thesis: The Influence of Audio-Visual Congruency in Attribute Amnesia

# GRADUATE RECOGNITION

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## UNIVERSITY-LEVEL DISTINCTIONS

**William H. Otte**

Major: Biomedical Sciences  
Minor: Public Health  
*Honors Fellow*

**Keisha P. Patel**

Major: Biomedical Engineering  
Minor: Spanish  
*Undergraduate Research Scholar*  
Thesis: Extracorporeal Device Tubing Complication Analysis

**Kripa N. Patel**

Major: Public Health  
*Honors Fellow, Undergraduate Service Scholar*

**Pranav Pathangi**

Degrees: Masters of Financial Management, BBA Accounting  
Minor: Philosophy  
Certificates in Philosophy Pre-Law & Energy Accounting  
*Honors Fellows, Undergraduate Teacher Scholar*

**Julia C. Patterson**

Degrees: Masters of Public Service & Administration, BS Political Science  
Minor: Communication  
*Honors Fellow, Undergraduate Service Scholar*

**Isabel A. Peedikayil**

Major: Electrical Engineering  
Minors: Computer Science & Mathematics  
*Undergraduate Research Scholar*  
Thesis: SuperFuzzer

**Maria F. Perez Perez De Alejo**

Major: Biochemistry  
*Undergraduate Research Scholar*  
Thesis: The Left Handed Code: Reprogramming Nucleic Acid Recognition Through Enantiomeric Design

**Darin A. Peries**

Major: Computer Engineering  
*Undergraduate Research Scholar*  
Thesis: Max Flow in the Language of Linear Algebra

**Kelvin Phan**

Major: Electrical Engineering  
Minor: Computer Science  
*Undergraduate Research Scholar*  
Thesis: Wide Bandgap Devices-Based High Power ANPC Inverter For Electric Aviation Applications

**Jenna L. Pirazzi**

Major: Materials Science & Engr  
Minor: Astrophysics  
*Honors Fellow*

**Mia H. Putnam**

Degrees: MPH Epidemiology, BS Public Health  
*Undergraduate Research Scholar*  
Thesis: Evaluating the Social and Behavioral Factors that Increase Risk for Metabolic Syndrome Among Adolescents in East and Central Texas



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## UNIVERSITY-LEVEL DISTINCTIONS

**Jacquelyn Quiroga**

Major: Psychology  
Minor: Spanish

Certificate in Behavioral Health  
*Undergraduate Research Scholar*

Thesis: Trauma-Related Shame Explains Indirect Associations Between Experiential Avoidance, PTSD, and Suicidality: Pathways to Increased Suicide Risk

**Mary Beth F. Rayburn**

Major: Political Science  
Certificate in Legal History

*Honors Fellow, Undergraduate Research Scholar*

Thesis: Language as a Tool for Conservation: Evaluating Marine Protected Areas Across Nations

**Travis H. Richard**

Major: Biochemistry  
Minors: Genetics & Chemistry

*Honors Fellow, Undergraduate Research Scholar*

Thesis: POMT Meditated O-mannosylation of Drosophila RPTPs

**Reed A. Rivera**

Majors: Genetics & Microbiology  
Minor: Bioinformatics

Certificate in Biomedical Research  
*Undergraduate Research Scholar*

Thesis: The Role of METTL14 in Angiogenesis and Lymphangiogenesis

**Daniel S. Rizo**

Major: Electrical Engineering  
Minor: Computer Science

*Undergraduate Research Scholar*

Thesis: FPGAFuzz: Acceleration Hardware Fuzzing Through FPGA Emulation

**Samantha K. Rodriguez**

Major: Psychology  
Minor: Neuroscience

*Undergraduate Research Scholar*

Thesis: Echoes of Trauma: Neural Indicators of Emotional Reactivity in Infants With Traumatized Parents

**Julia S. Sandoval**

Major: Psychology  
Minor: Anthropology

Certificate in Behavioral Health  
*Undergraduate Research Scholar*

Thesis: Using the Late Positive Potential to Predict Response to a Brief Positive Affect Intervention

**Rolando Sandoval**

Major: Electrical Engineering  
*Undergraduate Research Scholar*

Thesis: Wide Bandgap Devices-Based High Power ANPC Inverter For Electric Aviation Applications

**Kaylie F. Saucedo**

Major: Psychology  
Minor: Neuroscience

Certificates in Healthy Development, Psychology of Diversity  
*Honors Fellow, Undergraduate Research Scholar*

Thesis: Reducing the Burden: How U.S. Mothers and Fathers Conceptualize Giving and Receiving Care Within the Family

# GRADUATE RECOGNITION

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## UNIVERSITY-LEVEL DISTINCTIONS

### **Jordyn M. Sauser**

Major: Anthropology

*Undergraduate Research Scholar*

Thesis: An Analysis of Long Bone Variation Between Gopher Genera at Hall's Cave, TX;  
A Zooarchaeological Analysis of Lady Bug (8JE795), an Inudated Archaeological Site in the  
Lower Aucilla River, Florida

### **Diego A. Sepulveda-Allen**

Major: Philosophy

Minor: Spanish

Certificates in Philosophy Pre-Law, Legal History

*Undergraduate Research Scholar*

Thesis: "What Are You Trying To Do? Start Trouble?": The Use of Reverse-Racist Rhetoric  
Against Mexican Americans in South Texas Politics, 1946-1968

### **Aishwarya Y. Shanbhogue**

Major: Psychology

Minor: Neuroscience

*Undergraduate Research Scholar*

Thesis: Using Food Reward to Enhance Adaptive Cognitive Control

### **Cameron S. Smelser**

Major: Political Science

Certificate in Legal History

*Undergraduate Research Scholar*

Thesis: Solidarity in Self-Determination: The Fight for Political Rights by Mexican  
Americans and Native Americans in The Southwest

### **Ashley N. Smith**

Major: Genetics

Minor: Public Health

*Undergraduate Research Scholar*

Thesis: Effects of manipulating anterior- posterior- identity of spinal cord neural  
progenitor cell grafts for spinal cord injury

### **Arjun R. Som**

Major: Computer Science

Minor: Analy Design Mgmt Energy Conv

*Undergraduate Research Scholar*

Thesis: Adaptive Quantum Network Coding Protocols: Real-Time Simulation and  
Optimization Using IBM Qiskit

### **Tatum J. Sommer**

Major: English

Minor: Professional Writing

*Undergraduate Research Scholar*

Thesis: The Lens of Liberation: Photography, Abolition, and the Civil War

### **Cameron A. Stacey**

Major: Oceanography

Minor: Chemistry

*Undergraduate Research Scholar*

Thesis: Variability in Dissolved Organic Carbon within Southeastern Forested Wetlands

### **Garrett M. Stevenson**

Major: Aerospace Engineering

Minor: Mathematics

*Honors Fellow*



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## UNIVERSITY-LEVEL DISTINCTIONS

**Sanaa I. Stough Lacking**

Major: Psychology

Minor: Neuroscience

*Undergraduate Research Scholar*

Thesis: The Cognitive Consequences of Racial Discrimination: Examining its Impact on Executive Functions in Black Emerging Adults

**Gage M. Strozier**

Major: Horticulture

*Undergraduate Research Scholar*

Thesis: Belowground Insect Herbivory Induces Systemic Volatile Emissions That Strengthen Neighboring Plant Resistance Aboveground

**Julian R. Torres**

Major: Economics

Minor: Business

*Undergraduate Research Scholar*

Thesis: The Interplay of Income and Healthcare Access: A State-Level Analysis of Median Household Income and Health Coverage Rates

**Isabella Truong**

Major: Biochemistry

Minor: German

*Honors Fellow, Undergraduate Performance Scholar*

**Ashrita Vadlapatla**

Major: Computer Science

Minor: Pre-Medicine

*Undergraduate Research Scholar*

Thesis: Natural Translation with Large Language Models along with Non-verbal Cues

**Christiana E. Vancura**

Majors: Computer Science & Mathematics

*Honors Fellow*

**Daniela A. Villasenor**

Major: University Studies

Minors: Philosophy & Business

*Undergraduate Research Scholar*

Thesis: Re-evaluation of Padilla v. Kentucky - Is the Padilla Standard Enough?

**Dathan W. Voelter**

Major: Management

*Honors Fellow, Undergraduate Performance Scholar*

**Katelyn G. Willis**

Major: Neuroscience

*Honors Fellow, Undergraduate Teacher Scholar*

**Morgan P. Wilson**

Major: Zoology

Minor: Science Fiction & Fantasy Std

*Honors Fellow, Undergraduate Service Scholar*

**Michael T. Young**

Major: Kinesiology

*Undergraduate Research Scholar*

Thesis: Driving Coupling of Locomotor and Respiratory Systems to Determine Metabolic Efficiency

# GRADUATE RECOGNITION

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## UNIVERSITY-LEVEL DISTINCTIONS

**Andrea M. Zamarripa**

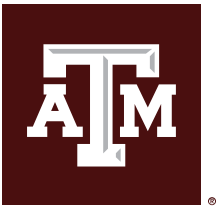
Major: Electronic Sys Engr Technology

Minor: Cybersecurity

*Undergraduate Research Scholar*

Thesis: Enhancing Road Safety in the Automotive Industry through Advanced Detection Mechanisms and Artificial Intelligence





**Honors Academy**  
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