

# 14<sup>th</sup> Annual Undergraduate Research Symposium

at Sam Houston State University

## **College of Arts and Media**

*Annisa Islas, Bree Maldonado, Copper Neidecker*  
[Interdisciplinary Video Project](#)

## **College of Business Administration**

*Tanny Carmona*  
[CEO Humility and Developing Inclusive Environments](#)

*Anubhav Thakur, Falomy Eugene*  
[Higher Education Funding and Student Performances](#)

## **College of Criminal Justice and Criminology**

*Syasya Ismail*  
[Gender and White Collar Crime: Can General Strain Theory and Institutional Anomie Theory explain differences in financial fraud across gender?](#)

*Kelly Martinez*  
[Social Disorganization and Juvenile Delinquency](#)

## **College of Education**

*Kailee Smith*  
[Learning Inclusivity: A Look into Learning Disabilities Through the Creation of Infographics](#)

## **College of Health Science**

*Morgan Barrentine*  
[SHSU Food Pantry Distribution Content: Analyzing Rural Food Pantry Resources for Students](#)

*Jesus Martinez*  
[Effectiveness on Spreading the Word During A Pandemic](#)

*Hannah Mascorro, Nia Williams, Emily Melinder*  
[Neonatal Nurses Perspectives on Auditory Needs and Voice Use with Premature Infants](#)

## **College of Humanities and Social Sciences**

*Nicolas Atuesta*



[The Case of Prometheus and the Gods: The Wanderer, the Settler and the Nomad on a Search for Inner Meaning](#)

*Kolton Ammerman, Andrew Huffmeyer, Paige Kemp, Audrey Lack*  
[Selections from Beacon: the Sam Houston State Review](#)

*Laura Bianchi*  
[The Impacts of Interspecies Epidermal Schema on Long-Term Behavioral Development](#)

*Jackson Bittick*  
[Forgiveness and Self-Respect: Why We Always Have a Reason to Forgive](#)

*Hannah Clem*  
[Evaluation of Pre- and Probiotics for Antidepressant Effects in an Avian Model of Treatment-Resistant Depression](#)

*Ruben Flores*  
[Investigating The Role of The AMPA Receptor in Ketamine's Antidepressant Effect.](#)

*Daniela Gonzalez Hernandez*  
[Spare Me the Details: Additional Details Impact Perceived Veracity](#)

*Alexander Kerry*  
[Staging Revolution: Theatrical Production And The Quest For Independence in Late Ottoman Egypt](#)

*Kismot Kamal*  
[Immigration: Working Against the Corrosive Side Effects](#)

*Clara Lusby*  
[Who AMI? The Hierarchy of Identity in the Middle East](#)

*Jacob Martinez*  
[The impact and influence of Abnormal psychology studies in clinical settings and the field of Psychology](#)

*Gwendolyn Squires*  
[Emotional Broadcasting in Autism](#)

*Katrina Stephen, Coleman Green*  
[Building Equity in Parent and School Partnerships](#)

*Robert Suttie*  
[The History and Repercussions of the Caesar Syria Civilian Protection Law](#)

*Stephanie Villagomez*

[The Effects of Detective Magazines on Male Attitudes Towards Sexual Violence Against Women](#)

*Hannah Willingham*

[Evaluation of Prolonged Exposure to Pre and Probiotics in an Avian Model of Treatment-Resistant Depression.](#)

## **College of Science and Engineering Technology**

*Melissa Benitez, Juan Fonseca, Joseph Geistmann*

[Noise and Vibrations in Mechanical and Electrical Systems](#)

*Peyton Brent*

[A Screen for Regulators of Organ Growth Identifies Crosstalk between Mitochondrial ATP Synthesis and the HIPPO Pathway](#)

*Skyler Cartwright, Lane Ardoin, Kaden Keller, Cody Frank*

[Light and Lighting](#)

*Ines Cauqil*

[Identification of Turtle Shell Fragments from McFaddin Beach, TX](#)

*Rhiannon Champagne*

[Polydiacetylene's Effect on Eukaryotic Cell Growth, Viability, and Mutagenesis](#)

*Darren Chen, Chloe Garza, Grant Ozarchuk, Austin Worthy*

[Electrical Design/Wiring](#)

*Jillian Choquette, Prestin McCormick*

[Ranking Commercially Available Middle School Digital Math Games](#)

*Christopher Ebner, Waverly Williams, Ray Luong, Jessica Byrd*

[Dynamic Virtual Deep Space Exploration](#)

*Olivia Heide*

[Smaller, Smaller, Smaller](#)

*Maria Hendrickson*

[A game camera study of \*Vulpes vulpes\* and the scents that may be attractive to them and other predators.](#)

*Y Luong*

[Augmented Reality Computer Aided Design Education \(ARCADE\)](#)

*Jazab Memon*

[Sustainability in Construction: Economic Sustainability](#)

*Maine Mizuno*  
[Minimal Living](#)

*Walker Moore*  
[Sustainability in Construction: The Built Environment's Impact on the Natural Environment](#)

*Harris Obioma*  
[Can Mitochondriopathies be Rescued by Manipulating Hippo Pathway Signaling?](#)

*Felix Oppong*  
[A Strategy to Build a Stock in Drosophila Melanogaster to Study ATPsyn Gamma RNAi in Larvae](#)

*Chase Petty*  
[Sustainability in Construction: Social Sustainability](#)

*Melanie Quinchiguango*  
[Bees on Campus](#)

*Molly Sarles*  
[The Effects of Trauma on the Coronal Suture](#)

*Lance Sebesta*  
[Renewable and Contemporary Powered Smart-Grid System](#)

*Joshua Shepard, Zane Davis, Jaquandez Ardoin, Devante Brown*  
[Piping equipment and system](#)

*Ellen Thompson*  
[Muscle Deterioration in a Fruit Fly Model of Tumor Induced Cachexia.](#)

*Hannah Tribur, Alex Cowles, Taylor Webb, Colton Cowser*  
[Fire Protection Equipment and Systems](#)



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