

University of Houston  Clear Lake

**Program for the 2025**  
**University of Houston-Clear Lake**  
**Student Conference**  
**for Research & Creative Arts**  
**April 19<sup>th</sup> – April 25<sup>th</sup>**

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**Saturday, April 19, 2025**

**College of Science and Engineering**

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**9:00 a.m. – 11:00 a.m. Bayou 1313**

**Faculty Chair: Dr. Uttam Pokharel**

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**Title:** The Optimization of Aptamer-Based Galvanic Exchange Electrochemical Assays.

**Presenters:** Eman Alwarsh

**Faculty Sponsor:** Dr. Charuksha Walgama

**Time: 9:00 – 9:20**

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**Title:** Exploring Intrinsic Interferences in the Analysis of Sodium and Barium Ions Using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

**Presenters:** Irene Pena

**Faculty Sponsor:** Dr. Charuksha Walgama

**Time: 9:20 – 9:40**

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**Title:** Electrochemical Synthesis: Mediated Electrooxidation of Simple Alcohols.

**Presenters:** Kylie Fell

**Faculty Sponsor:** Dr. Charuksha Walgama

**Time: 9:40 – 10:00**

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**Title:** Myoglobin Bio Films for Peroxide Detection.

**Presenters:** Malcolm May

**Faculty Sponsor:** Dr. Charuksha Walgama

**Time: 10:00 – 10:20**

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**Title:** Detection of Heavy Metal Ions Using an Electrode Modified with a Zirconium/Naphthalene Diimide Metal-Organic Framework.

**Presenters:** Chris Stephenson

**Faculty Sponsor:** Dr. Charuksha Walgama, Dr. Jack Lu

**Time: 10:20 – 10:40**

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**Title:** Electrochemical Analysis of Selenium In The Forms Of Selenomethionine, Selenite, and Selenate.

**Presenters:** Cassandra Rodriguez

**Faculty Sponsor:** Dr. Charuksha Walgama

**Time: 10:40 – 11:00**

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**Saturday, April 19, 2025**

**College of Human Sciences and Humanities**

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**9:00 a.m. – 9:50 a.m. Bayou 1333**

**Panel**

**Faculty Chair: Dr. Chloe Diepenbrock**

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**Panelist:** Blas Estrada:

The Sadistic Snake of the Legendary Sannin: Orochimaru's Portrayal and its Queer Implications.

**Panelist:** Ericka Smith:

No Kudos for the Kunoichi: The Neglected Women of Naruto.

**Panelist:** Osasere Edo-Ewansiha:

Tsunade & The 4 Rules of a Medical Ninja: A Feminist Critique.

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**Saturday, April 19, 2025**

**College of Education**

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**9:00 a.m. – 11:40 a.m. Bayou 1133**

**Faculty Chair: Dr. Rebecca Huss-Keeler**

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**Title:** Third Through Fifth Grade English Language Arts and Reading Teacher Perceptions of the Five Dimensions of Professional Learning Communities and the Impact on Reading Achievement.

**Presenters:** Carmen Gonzales

**Faculty Sponsor:** Dr. Rebecca Huss-Keeler

**Time: 9:00 – 9:20**

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**Title:** An Analysis of Teacher Perceptions of Successful Reading Interventions for Emergent Bilingual Students in Middle School.

**Presenters:** Zainab S. Fazalbhoy

**Faculty Sponsor:** Dr. Amber Brown

**Time: 9:20 – 9:40**

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**Title:** Examining the Educational and Career Pathways of DACA Recipients Through *Testimonios*.

**Presenters:** Roberto Javier Diaz Castillo

**Faculty Sponsor:** Dr. Amber Brown

**Time: 9:40 – 10:00**

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**Title:** Language Learning: Research into my Language Learning Journey.

**Presenters:** Iliana Quezada, Maria F. Guillen

**Faculty Sponsor:** Dr. Leslie M Gauna

**Time: 10:00 – 10:20**

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**Title:** The Misadventure of Dofi the Elf.

**Presenters:** Beverly Taylor

**Faculty Sponsor:** Dr. Lauren Kussro

**Time: 10:20 – 10:40**

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**Title:** Theories of American Pluralism: Research into my Identity and my Choice to Become an Educator.

**Presenters:** Sadia Nizam

**Faculty Sponsor:** Dr. Leslie M Gauna

**Time: 10:40 – 11:00**

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**Title:** Note-taking Medium and Access to External Resources Influence on Academic Achievement.

**Presenters:** Jerry Ashcroft

**Faculty Sponsor:** Dr. Kelsey James

**Time: 11:00 – 11:20**

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**Saturday, April 19, 2025**

**Clear Lake High School**

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**9:00 a.m. – 12:30 a.m. Bayou 1302**

**Faculty Chair: Ms. Erica Smith**

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**Title:** An Assessment of the Methodology of Prosecution Cross-Examination.

**Presenters:** Madeleine Dupree

**Faculty Sponsor:** Ms. Erica Smith

**Time: 10:00 – 10:20**

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**Title:** Tutorials, Through the Eyes of a Student: Are Tutorials Being Taken Advantage of?

**Presenters:** William Hare

**Faculty Sponsor:** Ms. Erica Smith

**Time: 10:20 – 10:40**

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**Title:** Identification of Harmful Themes Found within Content Created by American Female Fitness Influencers.

**Presenters:** Ava Pina

**Faculty Sponsor:** Ms. Erica Smith

**Time: 10:40 – 11:00**

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**Title:** Characteristics by Ethnically Misaligned Actors in Asian Roles in Hollywood.

**Presenters:** Julia Kongthalath

**Faculty Sponsor:** Ms. Erica Smith

**Time: 11:00 – 11:20**

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**Title:** Popular Themes in Tumblr Fandom Art.

**Presenters:** Carina Mendick

**Faculty Sponsor:** Ms. Erica Smith

**Time: 11:20 – 11:40**

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**Title:** An Evaluation of Pyramid Scheming on Instagram.

**Presenters:** Keelin Monk

**Faculty Sponsor:** Ms. Erica Smith

**Time: 11:40 – 12:00**

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**Title:** New York Times Games and Their Influence on High School Students in AP Core Subjects.

**Presenters:** Xiaomei (Michelle) Cai

**Faculty Sponsor:** Ms. Erica Smith

**Time: 12:00 – 12:20**

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**Saturday, April 19, 2025**

**College of Human Sciences and Humanities/College of Business**

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**9 a.m. – 10:20 p.m. Bayou 1135**

**Faculty Chair: Dr. Isabel Woelfel**

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**Title:** Healing the Healers: Restoring the Heart of Emergency Care.

**Presenters:** Prasiddhi Pawani

**Faculty Sponsor:** Ms. Shealyn K. Tomlinson

**Time: 9:00 – 9:20**

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**Title:** Effectiveness of Positive Self-Talk on Exercise Performance and Self-Efficacy.

**Presenters:** Ana Martinez-Brown

**Faculty Sponsor:** Dr. Isabel Woelfel

**Time: 9:20 – 9:40**

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**Title:** The Effects of Incorporating SMART Goal Education into a Resistance Training Program on Self-Efficacy and BMI.

**Presenters:** Josh Ramos, Josiah Slack, Brandon Webb

**Faculty Sponsor:** Dr. Isabel Woelfel

**Time: 9:40 – 10:00**

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**Title:** The Efficacy of Virtual Reality Rehabilitation Compared to Conventional Therapy in Parkinson's Disease: A Critical Appraisal

**Presenters:** Anely Erlewein, Gabriela Vaquerano, Janelle Baham, Yessenia Pena

**Faculty Sponsor:** Dr. Isabel Woelfel

**Time: 10:00 – 10:20**

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**Saturday, April 19, 2025**

**College of Human Sciences and Humanities**

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**10:00 a.m. – 12:20 p.m. Bayou 1333**

**Faculty Chairs: Dr. Thais Sant'Ana and Dr. Pearl Young**

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**Title:** Deep in the Heart: Interpreting Difficult Texas History in Public Programming.

**Presenters:** Bailey Brantley

**Faculty Sponsor:** Dr. Pearl Young

**Time: 10:00 – 10:20**

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**Title:** Women with a Mission: Persuasion, Politics, and Gender in the Civil War Crisis 1850-1865.

**Presenters:** Shelby Rodwell Coulson

**Faculty Sponsor:** Dr. Pearl Young

**Time: 10:20 – 10:40**

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**Title:** Questioning the Holy: Women Who Questioned the Sanctity of Catholic Traditions and Practices.

**Presenters:** Hannah Pullen

**Faculty Sponsor:** Dr. Pearl Young

**Time: 10:40 – 11:00**

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**Title:** Perceptions of Coercion in Plea Bargaining: A Pilot Study.

**Presenters:** Sahir Damani, Sabrina Garcia

**Faculty Sponsor:** Dr. Samantha Luna

**Time: 11:00 – 11:20**

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**Title:** Optimizing Practical Blood Flow Restriction: The Effects of Conditioning on Pressure Replication in Aging Populations.

**Presenters:** Swarangee Sathe, Shisam Neupane

**Faculty Sponsor:** Dr. Zachary Bell

**Time: 11:20 – 11:40**

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**Title:** Imperialist Rhetoric in Brontë's "Agnes Grey".

**Presenters:** Osasere Edo-Ewansiha

**Faculty Sponsor:** Dr. Anne Marcoline

**Time: 11:40 – 12:00**

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**Title:** Horror Cinema in the Conversation Surrounding Age Insecurity in Older Women: The Case of "The Substance".

**Presenters:** Nadia Jasso

**Faculty Sponsor:** Dr. Michael Clody

**Time: 12:00 – 12:20**

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**Saturday, April 19, 2025**

**College of Business**

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**The Annual Hawk Business Pitch Competition**

**10 a.m. – 1 p.m. Bayou Forest Room**

**Faculty Chair: Dr. Troy Voelker**

**About the Competition**

The annual Hawk Business Pitch Competition, hosted by the College of Business at UHCL, provides a platform for learners to transform their entrepreneurial skills and innovative businesses. Through crafting one-pagers and immersing themselves in our Business Pitch Boot Camp, learners gain essential tools and knowledge for success. At the thrilling live finale, competitors present their pitches to a panel of esteemed guest judges, vying for award funding. Whether at the concept, launch, or growth stage, the Hawk Business Pitch Competition empowers learners to turn their dreams into reality!

This year's Hawk Business Pitch Competition finalists are:

- Duc Le (MS Management Information Systems)  
**Business name:** Freedom Fried Chicken
- Robert Blake (MS Biotechnology)  
**Business name:** Exponential Therapeutics
- Prasiddhi Pawani (BS Behavioral Science)  
**Business Name:** Nunu Mouse
- Tri Nguyen (MS Psychology)  
**Business name:** MHAI (Mental Health AI)
- Victoria Martinez (BS Management)  
**Business name:** Natsukashii Otaku Candles

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**Saturday, April 19, 2025**

**College of Human Sciences and Humanities**

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**Neuroscience & Behavior Symposium**

**10:30 a.m. - 12:10 p.m. Bayou 1135**

**Faculty Chair: Dr. Georgina Moreno**

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**Title:** The Influence of Stress on Decision Making and Affect in Anagram Puzzles.

**Presenter:** Yasmin Bolori, Brenda Ortiz, Wil Robinson, Paige Simpson

**Faculty Sponsor:** Dr. Georgina Moreno

**Time: 10:30 – 10:50**

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**Title:** The Effects of Virtual Reality on Acute Stress and Memory.

**Presenter:** Angela Cabrera, Maya Brooks, Amina Mbipeh

**Faculty Sponsor:** Dr. Georgina Moreno

**Time: 10:50 – 11:10**

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**Title:** Effects of Dynamic Bimodal Congruency on Affect and Memory.

**Presenter:** Kylie Forgy

**Faculty Sponsor:** Dr. Georgina Moreno

**Time: 11:10 – 11:30**

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**Title:** Effects of Technology Dependence on Emotional Regulation and Ostracism.

**Presenter:** Paige Simpson

**Faculty Sponsor:** Dr. Georgina Moreno

**Time: 11:30 – 11:50**

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**Title:** The Influence of Music Linguistics on Sustained Attention Performance and HRV.

**Presenter:** Lauryn White, Faith Carlos, Kylie Forgy

**Faculty Sponsor:** Dr. Georgina Moreno

**Time: 11:50 – 12:10**

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**Saturday, April 19, 2025**

**College of Science and Engineering**

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**11:10 a.m. – 12:30 p.m. Bayou 1313**

**Faculty Chair: Dr. Tej Limbu**

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**Title:** Helly-Type Theorems for Convex Bodies in the Plane.

**Presenters:** Elyssa Martin

**Faculty Sponsor:** Dr. Zack Mustafaev

**Time: 11:10 – 11:30**

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**Title:** Enhanced Photoresponsivity in Gold Nanoparticle/2D Bi<sub>2</sub>O<sub>2</sub>Se Hybrid Material.

**Presenters:** Jittin Thomas, Whitney Jones, Mackenzie Songsart-Power, David Black, Amit Shringi, Fei Yan

**Faculty Sponsor:** Dr. Tej Limbu

**Time: 11:30 – 11:50**

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**Title:** Equations of Motion for Free Fall under a Variable Gravitational Field.

**Presenters:** Pratyush Shrestha, Chandra M. Adhikari

**Faculty Sponsor:** Dr. Tej Limbu

**Time: 11:50 – 12:10**

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**Title:** Photo-Induced Charge Transfer Properties of 2D Nb<sub>2</sub>CTX MXene for Molecule Detection.

**Presenters:** Mackenzie Songsart-Power, Brady Wilson, Joseph W. Phalen, Chetan Dhital

**Faculty Sponsor:** Dr. Tej Limbu

**Time: 12:10 – 12:30**

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**Saturday, April 19, 2025**

**College of Science and Engineering**

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**11:30 a.m. – 12:40 p.m. Bayou 1313**

**Faculty Chair: Dr. Samina Masood**

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**Title:** Understanding Gamma-Ray Bursts: Probing the Universe's Most Energetic Explosions.

**Presenters:** Britney Groshong

**Faculty Sponsor:** Dr. Samina Masood

**Time: 11:30 – 11:50**

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**Title:** Effect of Strong Magnetic Field on the Renormalization of QED.

**Presenters:** Namratha Chander Gopanaboyina

**Faculty Sponsor:** Samina Masood

**Time: 11:50 – 12:10**

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**Title:** Particle propagation in Strong Magnetic Field.

**Presenters:** Jean Guma De la Vega

**Faculty Sponsor:** Dr. Samina Masood

**Time: 12:10 – 12:40**

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Saturday, April 19, 2025

# College of Science and Engineering

## Poster Session

Faculty Chair: Dr. Cindy Howard

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Poster Setup at 8:30 a.m. Bayou Building, Atrium II

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Presentations from 9:00 a.m. – 12:00 p.m.

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**Title:** Identification and Antibiotic Resistance of Bacterial Strains in Brown Shrimp Harvested from Galveston Bay.

**Presenters:** Michelle Alanis, Hasan Aydin, Brianna Armendariz, **Faculty Sponsor:** Dr. Michael LaMontagne

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**Title:** The Antibiotics Properties of Honey.

**Presenters:** Samantha Kelling

**Faculty Sponsor:** Dr. Lory Z. Santiago-Vázquez

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**Title:** Ligand-Centered Redox Activity in Ruthenium Complexes Under Ambient Conditions.

**Presenters:** Yogapriya Lokesh

**Faculty Sponsor:** Dr. Uttam Pokharel

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**Title:** Electrochemical Behavior of  $\alpha$ -Ferrocenyl Ketones in the Presence of Weak and Strong Acids.

**Presenters:** Declan Toala, Lily Siddon, Sujit Mondal

**Faculty Sponsor:** Dr. Uttam Pokharel

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**Title:** Synthesis and Characterization of Novel N-N Bridged Ferrocenophanes for Anion Recognition.

**Presenters:** Hiram Flores, Shradha Pokharel

**Faculty Sponsor:** Dr. Uttam Pokharel

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**Title:** Oxalate Formation via Dabco Oxidation Mediated by a Simple Copper(II)-Bipyridine Complex.

**Presenters:** Cristina Muko

**Faculty Sponsor:** Dr. Uttam Pokharel

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**Title:** Photocatalytic Oxidation of Doxylamine Succinate Under Catalytic Conditions.

**Presenters:** Carina Perez

**Faculty Sponsor:** Dr. Yi Su

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**Title:** Characterization of Allelic Variation in the ZIP Family Transporters from *Medicago truncatula*.

**Presenters:** Jenah LeBlanc, Renee Deng, Haley Heims, Kiley Johnson

**Faculty Sponsor:** Ms. Trish Trubl and Dr. Brian Stephens

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**Title:** Synthesis and Characterization of Novel Cobalt-Based Metal-Organic Frameworks via Hydrothermal Methods.

**Presenters:** Shreyashkumar Vaghela

**Faculty Sponsor:** Dr. Jack Lu

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**Title:** Multiplex PCR and MALDI-ToF Identification to Isolate STEC E. Coli.

**Presenters:** Madison Prince, Madellyn Joseph

**Faculty Sponsors:** Dr. Michael LaMontagne

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**Title:** Resolution of MALDI-TOF MS and Whole Genome Sequencing for the Identification of *Vibrio Parahaemolyticus* Strains Isolated from Oysters.

**Presenters:** Tetyana King

**Faculty Sponsors:** Dr. Michael LaMontagne

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**Title:** MSTbase: A Mass Spectra Database for Tracking the Source of *E. Coli* and *Enterococcus* Species.

**Presenters:** Yvonne Mendoza

**Faculty Sponsor:** Dr. Michael LaMontagne

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**Title:** The Importance of Restoration of the Endangered Mountainous Star Coral .

**Presenters:** Julia Rasberry

**Faculty Sponsor:** Ms. Trish Trubl

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**Title:** The Offensive Campaign of the Red Imported Fire Ants .

**Presenters:** Gray Dominguez

**Faculty Sponsors:** Ms. Trish Trubl

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**Title:** Assessing the Effects of Climate Change on Rough Cactus Coral and Its Conservation.

**Presenters:** Derek Dabelgott

**Faculty Sponsor:** Ms. Trish Trubl

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**Title:** A Multi-Step Approach to Cloning Laminin  $\beta 1$ : Overlap Extension PCR and Gateway Cloning.

**Presenters:** Twisha Chatterjee

**Faculty Sponsor:** Dr. Scott Buckel

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**Title:** Ecology, Conservation, and Restoration of Staghorn Coral (*Acropora Cervicornis*) in the Atlantic Ocean.

**Presenters:** Adrianna West

**Faculty Sponsor:** Ms. Trish Trubl

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**Title:** Strategy for Creation for the Expression of Laminin Heterotrimers.

**Presenters:** Twisha Chatterjee, Sarthak Chaudhary, Tanner Massengill, Travis Melton, Erick Pacheco

**Faculty Sponsor:** Dr. Scott Buckel

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**Title:** Primer Selection and PCR Procedures for the Initial Stages of Laminin Cloning.

**Presenters:** Tanner Massengill, Travis Melton

**Faculty Sponsor:** Dr. Scott Buckel

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**Title:** Molecular Cloning of Laminin Subunits  $\gamma 2$  and  $\beta 3$ : A Step Toward Functional Expression.

**Presenters:** Erick Pacheco, Sarthak Chaudhary

**Faculty Sponsor:** Dr. Scott Buckel

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**Title:** Comparative Analysis of Laminin Subunits in Tissue Derived Cell Extracts.

**Presenters:** Harvita Savaliya, Abigale Chavez

**Faculty Sponsor:** Dr. Scott Buckel

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**Title:** Comparison of Blocking Agents for Western Blots of Laminin Subunits.

**Presenters:** David Tedross, Preet Patel

**Faculty Sponsor:** Dr. Scott Buckel

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**Title:** Characterization of Laminin Subunit Composition in HEK293 and JAR Cell Lines by SDS-PAGE and Western Blot Analysis.

**Presenters:** Emily Pechota, Abigail Goudeau

**Faculty Sponsor:** Dr. Scott Buckel

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**Title:** Characterization of Laminin Trimers in Mus Musculus Organ Tissues by SDS-PAGE and Western Blot Analysis.

**Presenters:** Emily Pechota, Abigail Goudeau

**Faculty Sponsor:** Dr. Scott Buckel

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**Title:** A Comparative Study of Programming Languages for Voltage Control and Current Measurement in Microcontroller Applications.

**Presenters:** Abraham Javier Ortiz

**Faculty Sponsor:** Dr. Jugal Saharia

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**Title:** Comparison of Chemically Defined and Complex Media to Cultivate Bacteria from Estuaries and Galveston Bay.

**Presenters:** Alexis Serrano

**Faculty Sponsor:** Dr. Michael laMongatne

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**Title:** Enhanced Photoresponsivity in Gold Nanoparticle/2D Bi<sub>2</sub>O<sub>2</sub>Se Hybrid Material.

**Presenters:** Jittin Thomas, Whitney Jones, Mackenzie Songsart-Power, David Black, Amit Shringi, Fei Yan

**Faculty Sponsor:** Dr. Tej Limbu

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**Title:** Chemical Vapor Deposition of 2D MoS<sub>2</sub> film.

**Presenters:** Miguel A. Montes,1 Jittin M. Thomas,1 Mackenzie Songsart-Power,1 Chetan Dhital

**Faculty Sponsor:** Dr. Tej Limbu

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**Title:** Integrating Physical and Spectroscopic Characterization in Organic Chemistry II laboratory: A Project-Based Approach.

**Presenters:** Tien Pham, Sujit Mondal

**Faculty Sponsor:** Dr. Uttam Pokharel

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**Title:** Characterizing (Per)chlorate Reducing Microbes in Martian Analog Samples from Pilot Valley, Utah.

**Presenters:** Devanshi Shah, Kennda Lynch

**Faculty Sponsors:** Dr. Michael LaMontagne, Dr. Lory Z. Santiago-Vázquez

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**Title:** Soil Macroinvertebrate Community Diversity in Degraded and Restored Texas Coastal Prairies.

**Presenters:** Antonio Cannata

**Faculty Sponsor:** Dr. Cindy Howard and Dr. Scott Buckel

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**Title:** Saving the Phantom: Conservation Strategies for an Endangered Spring Snail.

**Presenters:** Asma Udawala

**Faculty Sponsor:** Ms. Trish Trubl

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**Title:** On the Effects of Micro-Bacterial Growth Using an Acoustic-Resonant Field.

**Presenters:** Denmore Williams

**Faculty Sponsor:** Dr. Derek Smith

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**Title:** The Human-Induced and Natural Factors Accelerating the Decline of Mallard Populations.

**Presenters:** William Fisher Murray, Noemi Tellez, Jordyn Boutwell, Emily Hardee, Andrew Hodde

**Faculty Sponsor:** Dr. Cindy Howard

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**Title:** Systematic Review and Meta-analysis of Changes in the Oral Microbiota Associated with Obstructive Sleep Apnea.

**Presenters:** Maryam Siddiqi, Jacquelin Gonzales, Nicole Monter, Daniela Flores, Viridiana Zapata

**Faculty Sponsor:** Dr. Michael laMongatne

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**Title:** Vanishing Grasslands: Investigating the Decline of Attwater's Prairie Chicken in Texas.

**Presenters:** Maryam Siddiqi, Breana Trumbature, Richard "Trey" Lobrecht, Fatima Islam

**Faculty Sponsor:** Dr. Cindy Haward

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**Title:** Augmented Reality for Astronomy Education.

**Presenters:** Robin Dixon, Vincent Vu, Caleb Ballard

**Faculty Sponsor:** Dr. Soma Datta

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**Title:** Optimizing Metformin Degradation: Exploring UV/Sulfite and Other Advanced Methods.

**Presenters:** Akta Somabhai Patel

**Faculty Sponsor:** Dr. Yi Su

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**Title:** Systematic Review and Meta-Analysis of the Efficiency of Probiotics on Alzheimer's.

**Presenters:** Yashoda Abeysingha, Abigail Cody, Shandra Anderson

**Faculty Sponsor:** Dr. Michael laMongatne

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**Saturday, April 19, 2025**

# **College of Human Sciences and Humanities**

## **Poster Session**

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**Poster Setup at 8:30 a.m. Bayou Building, Atrium II**

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**Presentations from 9:00 a.m. – 12:00 p.m.**

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**Title:** Social Media Use and Psychological Well-Being Among College Students.

**Presenters:** Galilea Nunez, Darcee Shideler

**Faculty Sponsor:** Dr. Robert Bartsch

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**Title:** The Need for Weight-Inclusive Care in Eating Disorder Treatments.

**Presenters:** Xena Wooley

**Faculty Sponsor:** Dr. Sofia Georgiadou

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**Title:** The Benefits of Food-Related YouTube Videos.

**Presenters:** Joy Sexton

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** Different SUD Beliefs in College Students.

**Presenters:** Caitlyn Do

**Faculty Sponsor:** Dr. Christine Walther

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**Title:** Intention-Behavior Gap in Sustainability: Is the Gap Warped by Self-Reported Data?

**Presenters:** Nhu Tran

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** "We Have Made Bolivia Here": Exploring Traditional Migrant Foodways in Houston, Texas.

**Presenters:** Tria Van Horn

**Faculty Sponsor:** Dr. Christine Kovic

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**Title:** Exploring the Role of Algorithm Awareness in Social Media User Engagement.

**Presenters:** Liz Dominguez

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** Prospective Memory and Passive Social Media Use.

**Presenters:** Kate Padilla

**Faculty Sponsor:** Dr. Kelsey James

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**Title:** The Role of Viewer Engagement in Determining Twitch Streamer Success.

**Presenters:** Jordy Reyes

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** Attitudes Toward AI.

**Presenters:** Ofelia Asemota

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** The Need for Weight-Inclusive Care in Eating Disorder Treatments.

**Presenters:** Xena Wooley

**Faculty Sponsor:** Dr. Sofia Georgiadou

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**Title:** The Influence of Streaming Services on Traditional Television Consumption: A Shift in Viewer Preference and Industry Trends.

**Presenters:** John Stubblefield

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** The Effectiveness of Skippable Advertisements on YouTube: A Study of Advertisement Engagement/Disengagement.

**Presenters:** Elizabeth Moody

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** The Decline of Literary Fiction in the Digital Age.

**Presenters:** Austin George

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** The Impact of Social Networking on Face-to-Face Interactions.

**Presenter:** Shengyuan Xi

**Faculty Sponsor:** Dr. Anna Klyueva

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**Title:** Prison Systems from around the world.

**Presenter:** Stephan T Chapa

**Faculty Sponsor:** Dr. Kimberly Dodson

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**Title:** Investigating How College Students Balance Academic Responsibilities and Family Obligations.

**Presenter:** Chidimma Ibekwe

**Faculty Sponsor:** Dr. Robert Bartsch

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**Saturday, April 19, 2025**  
**College of Education**  
**Poster Session**

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**Poster Setup at 8:30 a.m. Bayou Building, Atrium II**

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**Presentations from 9:00 a.m. – 12:00 p.m.**

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**Title:** School Librarians' Preparedness and Perceptions: Impact on Makerspace Implementation in PK-12 Schools.

**Presenters:** Lupe Palacios

**Faculty Sponsor:** Dr. Michelle Peters

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**Title:** Computational Thinking: Examining Early Childhood Education Teachers' Knowledge and Understanding.

**Presenters:** Remi Willoughby

**Faculty Sponsor:** Dr. Preeti Jain

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**Saturday, April 19, 2025**  
**College of Business**  
**Poster Sessions**

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**Poster Setup at 8:30 a.m. Bayou Building, Atrium II**

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**Presentations from 9:00 a.m. – 12:00 p.m.**

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**Title:** Organizational Politics: The Good, The Bad, and The Ugly.

**Presenters:** Alivia Sparschu

**Faculty Sponsor:** Dr. Silvana Chambers

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**Title:** Leading Across Generations: Understanding Workplace Leadership Preferences.

**Presenters:** Sri Harsha Katakam

**Faculty Sponsor:** Dr. Silvana Chambers

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**Title:** Workplace Wellness Programs: A Literature Review.

**Presenters:** Yogeshwar Nanapu

**Faculty Sponsor:** Dr. Silvana Chambers

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Saturday, April 19, 2025

# University of Houston-Downtown

## Poster Sessions

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Poster Setup at 8:30 a.m. Bayou Building, Atrium II

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Presentations from 9:00 a.m. – 12:00 p.m.

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**Title:** Mathematical Analysis for Double Pendulum System.

**Presenters:** Maggie Ha

**Faculty Sponsor:** Dr. Jeong-Mi Yoon

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**Title:** Taking Advantage of Advanced Placement (AP) Statistics For College Admission: A Study of High School Students in the Houston Area.

**Presenters:** Thomas Duong

**Faculty Sponsor:** Dr. Timothy A. Redl

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**Title:** Markov Chain Model in Ecological COVID-19 Infection Analysis.

**Presenters:** Thomas Duong

**Faculty Sponsor:** Dr. Jeong-Mi Yoon

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**Saturday, April 19, 2025**

# Clear Lake High School

## *Poster Sessions*

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**Poster Setup at 8:30 a.m. Bayou Building, Atrium II**

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**Presentations from 9:00 a.m. – 12:00 a.m.**

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**Title:** Investigating the Portrayals of an Indian National Identity in Hindi-Language Military Films Released from 2000 to 2024.

**Presenters:** Riya Dabi

**Faculty Sponsor:** Ms. Erica Smith

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**Title:** The Role Of Brand Representative Marketing in Shaping Preference Among Energy Drink Companies.

**Presenters:** Ella Raska

**Faculty Sponsor:** Ms. Erica Smith

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**Title:** Physician Professionalism in NBC Medical Dramas.

**Presenters:** Raneem Ghadai

**Faculty Sponsor:** Ms. Erica Smith

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**Title:** Analyzing the Medical Accuracy of Portrayals of Schizophrenia in Horror Movies from 1980-1989 Compared to Those from 2010-2019.

**Presenters:** Lauren Lowe

**Faculty Sponsor:** Ms. Erica Smith

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**Monday, April 21<sup>st</sup> through Saturday, April 27<sup>th</sup>, 2025**

**College of Human Sciences and Humanities**

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**All Week. Art Exhibit, Bayou**  
**Faculty Chair: Dr. Lauren Kussro**

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**Title:** Art exhibits by students in the BFA Exhibition.

**Student Participant:**

Anderson, Paige

Benchellal, Dolores

Beraza, Diana

Cisneros, Daniel

Clark, Larissa

Cohen-Blake, Joy

Cook, Nickie

Cornejo, Jason

Craddock, Eleni

Dumas, Zach

Dutton, Kim

Elliff, Olivia

Escobar, Emily

Farrar, Amber

Flores, Angel

Franzen, Kim

Harris, Kyle

Hayes, Destiny

Hernandez, Nazareth

Maldonado, Stephanie

Martinez, Citlaly

Matney, Lauren

McNairy, Walter

Messina, Tiffany

Morris, Michael

Ortega, Esme

Padron, Ricky

Pham, Brianna

Pimentel, Ruby

Rodriguez, Dani

Salazar Sanchez, Jori

Smith-Heffel, Paula

Taylor, Beverly

Taylor, Lyndsey

Torres, Alyssia

Tran-Nguyen, Leo

Velez, Diamonndlee

West, Jacob

Whitmore, Ann

Zamora, Fernanda

Zuniga, Kassandra

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**Monday, April 21, 2025**

**College of Science and Engineering**

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**Mechanical Engineering Design Challenge**

**10:00 a.m. – 11:20 a.m. STEM 2103**

**Faculty Chair: Dr. Jeff Mountain**

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**Title:** Design of a Renewable Energy Powered Portable Refrigeration Unit.

**Presenter:** Cyrus Bajwa, Magaly Chavarria, Dawson Gonzalez, Sergio Lara, Vivian Luu, Christopher Martinez and Paulo Servin

**Faculty Sponsor:** Dr. Jeff Mountain

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**Title:** The BravoDome: Design of a Collapsible Portable Conditioned Shelter.

**Presenter:** Kevin Kershner, Jose Ramirez, Kyle Anderson, John Aumiller III, Christian Gonzalez, Zachary Harold, Julien Hebert, Cal Harper

**Faculty Sponsor:** Dr. Youssef Hamidi

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**Title:** Damage Detection System Commercialization.

**Presenter:** Andrew Tomlinson, Daniel Zakrzewski, Brian Sharpe, Frank Blanchard, Cole Curtis, Bryan Quezada, Alejandro Rodriguez, Marco Cortes

**Faculty Sponsor:** Dr. Youssef Hamidi

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**Monday, April 21, 2025**

**College of Human Sciences and Humanities**

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**1 p.m. - 1:40 p.m. Bayou 1439**

**Faculty Chair: Dr. Philip Kelleher**

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**Title:** Women's Rights and Representation in Saman Oskoue and Sasan Oskouei's Houston Mural.

**Presenter:** Sydney Sims

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**Title:** Everett Patterson and Finding Divinity in the Marginalized and Mundane.

**Presenter:** Clara Ferrell

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**Monday, April 21, 2025**

**College of Human Sciences and Humanities**

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**Critical Interdisciplinary Studies Research Laboratory**

**1 p.m. - 2 p.m. Bayou Forest Room**

**Faculty Chair: Dr. Giazú Enciso Domínguez**

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**Title:** From Struggle to Strength: A Strengths-Based Perspective on Multiracial Identity.

**Presenter:** Jacey Keys

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**Title:** Re-Conceptualizing Autism: Cross-Cultural Analysis of Autistic Adult Women and Social Communication.

**Presenter:** Madison Hardin

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**Monday, April 21, 2025**

**College of Human Sciences and Humanities**

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**Contemporary Topics on Social Psychology**

**2 p.m. - 4 p.m. Bayou Forest Room**

**Faculty Chair: Dr. Giazú Enciso Domínguez**

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**Title:** The Impact of Social Media on Eating Disorders from a Social Psychology Perspective.

**Presenter:** Xiomara Baez

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**Title:** The Police Need Policing: A Literature on the Topic of Police Brutality in the United States against Black Citizens.

**Presenter:** Sherri Diane Castille

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**Title:** The Impact of Movement: Mental Health in Young Women.

**Presenter:** Camden Kay Chance

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**Title:** The Role of Societal Norms in Shaping Eating Disorders Among Girls.

**Presenter:** Alana Katherine Dill

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**Title:** Seduced By Shadows: The Role of Morbid Curiosity in Our Fascination With The Macabre.

**Presenter:** Journey Ta Neille Flores

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**Title:** Factors Influencing the Bilingual World: Language as a Channel for Cultural Identity.

**Presenter:** James Dale Hicks

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**Title:** Boy Scouts of America and Social Benefits.

**Presenter:** Arthur Wallace Klein

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**Title:** Music and Impacts on Behavior.

**Presenter:** Victoria Miquege Mitchell

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**Title:** The Role of Literature on Individuals and Society.

**Presenter:** Ellise Moorhead

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**Title:** Through the Eye of the Children.

**Presenter:** Alexis Perez

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**Title:** Cohabitation Before Marriage: Impact on Relationship Stability and Contentment.

**Presenter:** Lauren Rae Rios

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**Title:** Child Sexual Abuse and Religion(s).

**Presenter:** Karina Sanchez

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**Title:** Digital Echoes: The Role of Social Media in Shaping Rape Culture.

**Presenter:** Kaylin M Scott

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**Title:** Descriptive Norms vs. Self-Categorization: Which Drives Conformity More?

**Presenter:** Gavyn Seth Thompson

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**Title:** Beyond Symptoms: Connecting Asthma in Children to Mental Health.

**Presenter:** Jeneby L Varela

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**Title:** Prisoner in the Land of the Free.

**Presenter:** Bri Denise Webster

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**Title:** Social Media and Eating Disorders: Bulimia.

**Presenter:** Jana Ramsey White

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**Title:** Stress and Social Relationship Quality Across Adulthood.

**Presenter:** Anastasia Williams

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**Title:** The Effects of Domestic Violence on Women in the United States.

**Presenter:** Gracelyn Faith Willis

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**Monday, April 21, 2025**

**College of Human Sciences and Humanities**

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**Video Game Demos and Game Pitches  
for the Serious Games and Simulations Program**

**4 p.m. - 6:50 p.m. SSCB 2201.01**

**Faculty Chair: Dr. Steven Sutherland**

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**Title:** Warhead Retribution.

**Presenter:** William Chow, Sherman Easley-Robb, and Ismael Siddiqi

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**Title:** Project Dark Fall.

**Presenter:** Husna Huque, Briyanna Jenkins, and Brandon Ruiz

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**Title:** Post Mortembilia.

**Presenter:** Alexis Lapointe, Bobby Valdez, and Kyle Wham

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**Monday, April 21, 2025**

**College of Science and Engineering**

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**Current Issues in Galveston Bay Ecology**

**7 p.m. - 9:50 p.m. Bayou 1133**

**Faculty Chair: Dr. Cindy Howard**

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**Title:** Small-Scale Living Shorelines: Combating Coastal Erosion and Subsidence Naturally.

**Presenter:** Drew Eisenbach, Melissa Benningfield

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**Title:** Assessing the Impact of Decreased Freshwater Inflow on the Health and Productivity of Galveston Bay's Estuarine Ecosystems.

**Presenter:** Antonio Cannata

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**Title:** Nutrient Inputs in Galveston Bay: Past, Present and Future Impacts.

**Presenter:** Sila Sarosh

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**Title:** Loss of Critical Habitat in Galveston Bay: An Overview.

**Presenter:** Lorelei Miller

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**Title:** Shrimp Overfishing in Galveston Bay: Threats to Biodiversity and Habitat.

**Presenter:** Taylor Eubank-Witt

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**Title:** Impacts of Over-Crabbing in Galveston Bay.

**Presenter:** Gabrielle Hammerbach

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**Title:** Invasive Species in Galveston Bay.

**Presenter:** Harmonie Johnson, Chase Evans

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**Title:** The Horrors of the Dead Zone.

**Presenter:** Karla Marie Gonzalez, Jasmine Thompson

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**Title:** Rollover Pass.

**Presenter:** Gus Beach

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**Title:** Coastal Spine (Ike Dike).

**Presenter:** Jayce Heinemann

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**Title:** Potential Environmental Impacts of the Ike Dike and Natural Alternatives.

**Presenter:** Lydia Thurman

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**Monday, April 21, 2025**

**College of Human Sciences and Humanities**

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**Contemporary Topics on Social Psychology**

**7 p.m. Pearland 113**

**Faculty Chair: Dr. Lisa Sublett**

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**Title:** Gender Bias in Leadership Style: Exploring Perceptions and Assumptions.

**Presenter:** Abha Karira, Cale Fellenstein, Hilary Kahsai

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**Title:** Examining the Impact of Job Satisfaction (Overall and Individual Facets) on Subjective Health and Well-Being in Blue-, White-, and Pink-Collar Workers.

**Presenter:** Alex Vo, Brianna Mikel, Favour Unegbu, Kevin Ngo

---

**Title:** AI and Training: Does Learning How AI Works Increase Efficiency and Lead to Better Implementation?

**Presenter:** Emilee Whitted, Johnny Nguyen, Trevor Cox, Keerthi Sundaram

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**Title:** Beyond the 40-Hour Workweek: Examining the Influence of Workweek Structure on Employee Well-Being.

**Presenter:** Michelle Hollingsworth, Kailee Bruecher, Chloe Reyna, Hanna Dion, Michelle Siddiqui

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**Title:** Influence of Supervisor Behaviors on Employees Psychological Safety: Evaluations, Mentorship, Favoritism and Authenticity.

**Presenter:** Nataly Mendez, Mauricio Yanez, Anna Hrachovy, Ty Hearne

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**Title:** The Influence of Remote, Onsite, and Hybrid Work on Work-Life Balance: With a Focus on Female and Male Differences.

**Presenter:** Rozmin Bhagat, Lyric Eaves, Sumayya Alzughaier

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**Monday, April 21, 2025**

**College of Science and Engineering**

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**Safety Engineering Session**

**7 p.m.**

**Online Session ([Zoom Link](#))**

**Faculty Chair: Dr. Magdy Akladios**

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**Title:** Assessing the Effectiveness of Safety Interventions.

**Presenter:** Cristian Trejo

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**Title:** Evaluating Effectiveness of Selection Tool for Common Protective Glove Materials by Commercial Products and Complex Mixtures.

**Presenter:** Skylar Murphy

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**Title:** The Use of Thermography as a Non-destructive Testing Approach in Assessing High Temperature Degradation Effects on Meta- and Para-aramid Synthetic Fire Resistant Fabric Comprising the Outer Layer of Firefighter Clothing.

**Presenter:** Gordon Magenheimer

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**Title:** Evaluating the Response Times for Hydrogen Sulfide Monitors.

**Presenter:** Erin Payne

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**Tuesday, April 22, 2025**

**College of Science and Engineering**

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**Mechanical Engineering Design Challenge**

**9:00 a.m. – 11:00 a.m. STEM 1115**

**Faculty Chair: Dr. Kazi Billah**

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**Title:** Design and Manufacturing of Chopsticks.

**Presenter:** Karim Khalil, Ethan Johnston, Julien Hebert, Viet Nguyen

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**Title:** Design and Manufacturing of Lunar Lander Legs.

**Presenter:** Isaac Beeman, Cameron Fasbender, Brian Sharpe, Daniel Zakrzewski

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**Title:** Design and Manufacturing of the Claw.

**Presenter:** Areeb Ahmad, Avery Barrera, Allan Collins, Calvin Rampy

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**Title:** Design and Manufacturing of Conceptual Chopsticks for Freefall Object Capture.

**Presenter:** Michael Cortez, Dawson Gonzalez, Kevin Kershner, Eric Leon

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**Title:** Design and Manufacturing of Hydro-Grab.

**Presenter:** Victoria Gorby, Adam Grimm, Mozes Dicks, Christopher Martinez

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**Tuesday, April 22, 2025**

**College of Human Sciences and Humanities**

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**The Big Reveal  
of the 2025 Common Reader Selection**

**1:00 p.m. – 2:30 p.m. STEM 2101**

**Faculty Chairs: Dr. Anne Gessler – Dr. Wanalee O. Romero**

**About the Common Reader Program**

UHCL's Common Reader Program is an extension of the First-Year Seminar Program. The program, which began in Fall 2014, aims to foster critical thinking and discussion around voice, civic engagement, and citizenship. A committee of students, staff, and faculty from all four colleges select the text that is studied throughout the academic year and plan events inspired by it.

**UHCL Common Reader Program Learning Objectives**

- To strengthen the academic community and creating opportunities for intellectual engagement and critical thinking;
- To encourage depth in learning through carefully selected common readings that pose multiple or differing perspectives and questions;
- To establish a stimulating environment that is both informal and structured, setting a tone for engagement among our faculty, staff, students, and community

This year's "Big Reveal" event will feature students presenting research on the topics central to this year's common reader book, *Take My Hand*.

The students who will present at the Common Reader event on April 22 from 1-2:30 are:

- Christa Mayfield
- Ernesto Lopez
- Ella Redmond
- Emma Napoli
- Amy Gamboa Díaz

Next year's book will also be announced during the "Big Reveal" event.

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**Tuesday, April 22, 2025**

**College of Human Sciences and Humanities**

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**Current Research in Applied Behavior Analysis**

**4:00 p.m. – 7:00 p.m. Bayou 1333**

**Faculty Chair: Dr. Dorothea Lerman**

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**Title:** Direct Assessment of Vocational Social Skills and Job Preferences.

**Presenter:** Christal John

**Faculty Sponsor:** Dr. Dorothea Lerman

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**Title:** Effectiveness of Virtual versus In-Person Training For Caregivers.

**Presenter:** Ashten Higginbotham, Samantha Cordova

**Faculty Sponsor:** Dr. Dorothea Lerman

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**Title:** Training Dental Professionals to Increase Cooperative Behavior in Patients with Neurodevelopmental Disabilities.

**Presenter:** Taylor Burnett, Hildah Nkonde

**Faculty Sponsor:** Dr. Dorothea Lerman

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**Title:** Using A Self-Instructional E-Learning Package to Teach Professionals in Nigeria to Conduct Pairwise Functional Analyses.

**Presenter:** Mojolaoluwa Bamise, Loukia Tsami

**Faculty Sponsor:** Dr. Dorothea Lerman

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**Title:** Teaching Children With Autism To Answer Yes/No Intraverbal Questions.

**Presenter:** Kelcy R. Coleman, Elisabeth M. Maciel

**Faculty Sponsor:** Dr. Sarah A. Lechago

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**Title:** The Assessment and Intervention of Coworker Interactions in the Workplace among Neurodiverse Individuals .

**Presenter:** Juliana Escobedo, Mariana Lopez

**Faculty Sponsor:** Dr. Dorothea Lerman

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**Title:** Using Group Behavioral Skills Training to Teach Caregivers and Other Professionals to Respond Safely to Aggression.

**Presenter:** Yashira Reyes-Rodriguez, Kerri Kroen

**Faculty Sponsor:** Dr. Jennifer N. Fritz

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**Title:** Reducing Sibling Directed Aggression by Individuals on the Autism Spectrum and Increasing Cooperative Play Using Behavioral Skills Training for Caregivers and Siblings.

**Presenter:** Shelby R. Desaulos, Velisha L. Patel

**Faculty Sponsor:** Dr. Jennifer N. Fritz

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**Title:** Using Behavioral Skills Training to Teach Tacting of Own Emotions and to Increase Collaborative and Compassionate Clinical Service Provision.

**Presenter:** Madison L. Hamby, Joonho Lee, & Fernanda Oda

**Faculty Sponsor:** Dr. Sarah A. Lechago

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**Title:** Curriculum-Based Assessment in Applied Behavior Analysis: A Comprehensive Review of Research on Evidence-Based Practices.

**Presenter:** Alexis N. Cano

**Faculty Sponsor:** Dr. Dorothea Lerman

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**Title:** Teaching Mands for Information Persistence to Children with Autism.

**Presenter:** Morgan J. McCarville, Emma Felty, Matthew von Holst, Audrey Wilbanks

**Faculty Sponsor:** Dr. Sarah A. Lechago

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**Tuesday, April 22, 2025**

**College of Human Sciences and Humanities**

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**Intersectional Topics on Sex/Gender and Race**

**4 p.m. Bayou Forest Room**

**Faculty Chair: Dr. Giazú Enciso Domínguez**

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**Title:** The Struggles of Hispanic Undocumented Immigrants.

**Presenter:** Cristina Isabel Barraza Garcia

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**Title:** Trapped by Borders and Fear: Domestic Abuse Among Immigrant Women.

**Presenter:** Iqra Dawood

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**Title:** Invisibility and Hypervisibility of Native Hawaiians Living in the Mainland U.S.

**Presenter:** Nicholas Wikoli-Scott Eisen

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**Title:** The Impact of Social Media on Mental Health: Examining Challenges and Concerns Among Adolescents.

**Presenter:** Gloria Franklin

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**Title:** Special Education in High-Income vs. Low-Income Schools.

**Presenter:** Vanessa Leigh Guzman

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**Title:** Reframing Gender Affirming Healthcare Beyond the Transgender Community: Critical Analysis of Medical Interventions between Cis-Gender and Gender Diverse Identities Through an Intersectionality Framework.

**Presenter:** Maddy Leigh Hardin

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**Title:** The Family Issues Experienced by Hispanic LGBTQ+.

**Presenter:** Yashmine Hinojos Hernandez

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**Title:** Navigating Postpartum Depression: Barriers and Support for Marginalized Mothers.

**Presenter:** Chidimma Blessing Ibekwe

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**Title:** The Intersectionality of Unhoused Individuals with Developmental Disabilities.

**Presenter:** Annie Robin Lynn Jones

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**Title:** The Politicization of African American Women's Hair.

**Presenter:** Paris Jayde Jordan

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**Title:** Speaking for Them: The Struggles of Autism and Poverty.

**Presenter:** Ana Gabriela Mena

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**Title:** Older Women as Students in Higher Education.

**Presenter:** Olya Perevalova

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**Title:** The Family Issues Experienced by Hispanic LGBTQ+.

**Presenter:** Anjana Poothrikunnath Ravichandran

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**Title:** Men's Mental Struggles: An Intersectional Perspective on Men's Mental Health Fight.

**Presenter:** Giuseppe P. Rossi

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**Title:** Overlooked Struggles: Male DACA Recipients and Mental Health.

**Presenter:** Carolina Lizeth Solis

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**Title:** How the United States Fails to Properly Rehabilitate Inmates into Society.

**Presenter:** Justin Whaley

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**Title:** Barriers to Employment and Socio-Economic Impacts for Individuals Diagnosed with ASD  
Through an Intersectional Framework.

**Presenter:** Audrey Wilbanks

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**Title:** An Intersectional Analysis of Affection Deprivation in Post-COVID-19 Millennial America.

**Presenter:** Meme Wilson

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**Title:** The Architecture of Pain: Intersectionality and the Endurance of Historical Trauma.

**Presenter:** Sami Lin Yu

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**Title:** Eliminating DEI in Education: Who is Impacted?

**Presenter:** Linda R Zuniga

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**Tuesday, April 22, 2025**

**College of Education**

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**4:30 p.m. Bayou 1135**

**Faculty Chair: Dr. Omah M. Williams-Duncan**

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**Title:** Examining the Impact of CUBES on Readers

**Presenter:** Inshirah Barakat-Romman

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**Title:** Action Research to Improve Student Punctuation within Sentences

**Presenter:** Mary Cheslock

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**Title:** Determining Effective Engagement Strategies that Increase Student Interactions with Literacy

**Presenter:** Brianda Garcia Sanchez

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**Title:** How are Title 1 classrooms in Spring Branch ISD affected by the continued reduction of funds and resources?

**Presenter:** Abigail Johnson

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**Title:** Elevating Achievement: An Action Research Synthesis of Homework, Teacher Involvement, and Student - Teacher Interactions

**Presenter:** Mehak Panjwani

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**Title:** Action Research to Improve Student Engagement with Writing.

**Presenter:** Klarissa Trevino

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**Tuesday, April 22, 2025**

**College of Education**

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**5:00 p.m. Arbor 1310.06**

**Faculty Chair: Dr. Neelofer Tajani**

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**Title:** Amazing Rocks.

**Presenter:** Judith Ewuzie, Mai Thanh Nguyen

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**Title:** Chomp, Chomp! Let's Learn About Alligators.

**Presenter:** Nikole Keeling

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**Title:** Soggy Soil.

**Presenter:** Abigail Ramirez

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**Title:** The Soil Project.

**Presenter:** Neiha Nathani, Shazia Afrin

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**Title:** Cats.

**Presenter:** Tonya Dean

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**Tuesday, April 22, 2025**

**College of Human Sciences and Humanities**

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**7 p.m. - 8 p.m. Bayou 2524**

**Faculty Chair: Dr. Philip Kelleher**

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**Title:** Barbara Kruger: Feminist Graphics.

**Presenter:** Leah Hunt

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**Title:** Zines and DIY Cultural Activism.

**Presenter:** Brandie Barriga

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**Title:** David Lynch's Politics: A Dive into Everyday Evils in America.

**Presenter:** Mia González

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**Tuesday, April 22, 2025**

**College of Education**

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**7:00 p.m. Arbor 1310.02**

**Faculty Chair: Dr. Neelofer Tajani**

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**Title:** Survival of Arctic Fox.

**Presenters:** Karla McLemore, Erandi Hernandez, Jamie Larson

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**Title:** Jelly Fish.

**Presenters:** Hannah Day, Emily Perez

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**Title:** Life Cycle of Butterflies.

**Presenter:** Emma Coppedge

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**Title:** The Poking Plant Project.

**Presenter:** Gabriela Renee Ruiz

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**Title:** The Rock Wonderers.

**Presenter:** Karen Arguello

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**Title:** Plants Project.

**Presenter:** Erin Olson

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**Title:** It's Alive.

**Presenter:** Michelle Gonzalez-Matamoros

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**Wednesday, April 23, 2025**

**College of Human Sciences and Humanities**

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***Psychological Thinking:  
Examining Media Claims about Psychological Research***

**9:00 a.m. – 11:50 a.m. Bayou 1313**

**Faculty Chair: Dr. Robert Bartsch**

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**Title:** Colors Play a Huge Role in How We Perceive or React to Things.

**Presenter:** Alex Cottrel

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**Title:** Can Having a Sister Boost Mental Health And Self-Esteem?

**Presenter:** Anna Abrego

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**Title:** Loneliness and Unhappiness Age Us Faster Than Smoking.

**Presenter:** Ashley Roman

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**Title:** Artificial Food Dyes Worsen Behavior Problems in Children.

**Presenter:** Emily Lara & Morgan McQueen

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**Title:** People with Untreated PTSD Have a Higher Risk of Developing Long-Term Problems.

**Presenter:** Gisell Morales

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**Title:** Do Children Exposed to Higher Fluoride Levels Have Lower IQs?

**Presenter:** Jada Dietrich

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**Title:** In a Life-or-Death Situation, the Probability of Receiving Help Decreases as the Number Of Bystanders Increases.

**Presenter:** Katerin Rodriguez

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**Title:** Parenting Does Not Matter.

**Presenter:** Kayla Flores

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**Title:** Lack of Sleep Can Hurt Memory and Decision-Making Skills.

**Presenter:** Kaylee Higgs

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**Title:** Your Personality Can Protect or Age Your Brain.

**Presenter:** Kinley Nava & Robert Culley

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**Title:** Childhood Sleep Issues Raise Suicide Risk.

**Presenter:** Klerin Jomon & Crystal Stranes

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**Title:** LGBTQ+ Adults Have a Higher Risk of Poor Brain Health Due to Minority Stress.

**Presenter:** Leonardo Salas

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**Title:** As Many as 50% of Adults with Undiagnosed ADHD Will Develop a Substance Abuse Issue.

**Presenter:** Alliyah Daniels & McKenna Mathison

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**Title:** ADHD Linked to Shortened Life Expectancy.

**Presenter:** Nia Avalos

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**Title:** Group Conformity Increases with Group Size.

**Presenter:** Osmond Lee

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**Title:** Social Media Has the Power to Undermine the Very Foundations of Our Relationships.

**Presenter:** Summer Maurer

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**Title:** 1 of 4 adults Stay Single for Life.

**Presenter:** Tommy Nutt

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**Title:** Not all Psychopaths are Serial Killers, and Not All Serial Killers Are Psychopaths.

**Presenter:** Valeria Arreola

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**Title:** Psychedelics-Like Psilocybin and MDMA Tied to Higher Odds for Schizophrenia.

**Presenter:** Victoria Ramirez

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**Title:** Spending Time with Dogs Boosts Energy and Improves Mental Health.

**Presenter:** William Hatfield

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**Title:** Caffeine Can Improve Mental and Physical Performance.

**Presenter:** Yair Garcia

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**Wednesday, April 23, 2025**

**College of Human Sciences and Humanities**

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**Public Sociology Session**

**9:30 a.m. – 11:30 a.m. Bayou 1218**

**Faculty Chair: Dr. Amy Lucas**

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**Title:** Social Media Strategy.

**Presenter:** Antonio Celio-Guevara, Ethan Durrant, Mimansa Shukla, and Lakey Thibodeaux

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**Title:** Donor and Volunteer Survey.

**Presenter:** Julia Farmer, Keith Harris, D Lizjalet Rodriguez, and Sydney Sims

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**Title:** Board of Directors Survey.

**Presenter:** Shravya Bhatt, Jennifer Craft, DiMesha Jones, Brittany Roush, and Daniela Valenzuela

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**Wednesday, April 23, 2025**

**College of Science and Engineering**

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**Mechanical Engineering Design Challenge**

**10:00 a.m. – 11:20 a.m. STEM 2103**

**Faculty Chair: Dr. Jeff Mountain**

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**Title:** Design of a Thermal-Powered BBQ Rotisserie.

**Presenter:** Areeb Ahmad, Ethan E. Johnston, Eric A. Leon Maldonado, David G. Sanmiguel,  
Hunter A. Diaz, Bryan Leon Estrada, Serenity Reeves, Avery D. Wise

**Faculty Sponsor:** Dr. Youssef Hamidi

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**Title:** Design for a Fluidic Oscillator for Flow Control.

**Presenter:** Kelvin Bonilla, Kimberly Morales, Allison Oladovich, Calvin Rampy, Cameron Fasbender,  
Erik Molina, Allan Collins, Ethan Joseph

**Faculty Sponsor:** Dr. Youssef Hamidi

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**Title:** Conceptual Design of an Automated Paper Airplane Folding and Launching Machine.

**Presenter:** Jerold Begay, Adam Grimm, Joseline Hurtado, Mario Rodriguez, Israel Sosa, Garret Stevens  
and Brant Taylor

**Faculty Sponsor:** Dr. Jeff Mountain

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**Title:** Echo Dinghy – Design of a Solar-Powered Nearshore Boat.

**Presenter:** Sylas Anderson, Isaac Beeman, Brayan Diaz, Karim Khalil, Viet Nguyen, Erick Reyes,  
Christopher Somera, Christian Vazquez

**Faculty Sponsor:** Dr. Youssef Hamidi

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**Wednesday, April 23, 2025**

**College of Science and Engineering**

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**Session: Why & How are Decisions Made Based on Data**

**1:00 p.m. – 3:50 p.m.**

**Online Session ([Zoom Link](#))**

**Faculty Chair: Dr. Soma Datta**

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**Title:** Health Data Analysis: Impact of Lifestyle on Disease.

**Presenter:** Mary Benjamin, Almin Karowadia, Sarita Sapkota Subedi

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**Title:** How Many Starbucks Lattes Can an Average Person Afford Monthly in Each Country?

**Presenter:** Caleb Ballard, Warren Buckland, Stephen Michael

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**Title:** Which neighborhood and property features most strongly influence house prices?

**Presenter:** Brian Gomez, Aziz Omar, Eli Taylor

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**Title:** What Role Do User Demographic Factors Play in Improving Personalized Movie Recommendations?

**Presenter:** Sri Karan Kosaraju, Zeel Patel, Hruthik Gonuguntla

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**Wednesday, April 23, 2025**

**College of Science and Engineering**

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**1:00 p.m. - 2:00 p.m. STEM2113**

**Faculty Chair: Dr. Sachiyo Mukherji**

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**Title:** Composting and the Biodegradability of Polylactic Acid-based Plastics.

**Presenter:** Kamryn Ortiz, Carlos Martinez, and Celene Velasquez

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**Title:** Integrating Home Compost to Reduce Landfill Emissions.

**Presenter:** Cecilia Cardenas, Alyssa Donnelly, Lane Evans, Dallas Ukani

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**Wednesday, April 23, 2025**

**College of Business**

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**Mock Trial - Plenary Session**

**4:00 p.m. – 7:00 p.m. Bayou 1324**

**Faculty Chair: Dr. Winifred Weber**

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**Title:** Mock Trial: The State of Texas vs. Jordan Dow

**Presenters:**

- Abilene Garcia
  - Anissa Acevedo
  - Pedro Garcia-Calero
  - Alana Hall
  - Donna Parga
  - Nicole Risner
  - Stephany Sagastume
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**Wednesday, April 23, 2025**

**College of Business**

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**UHCL Marketing Pitch**

**4:00 p.m. – 6:00 p.m. Bayou 3326**

**Faculty Chair: Ms. Lynn Place**

Guest Judges:

- Dr. Troy Voelker, College of Business
- Daniel Ramirez, UHCL Marketing and Communications
- Dr. Ann Theodori, Strategic Enrollment Management
- Aubrie Grass, Instructional Design
- Brandon Byrd, Admissions

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**Title:** Lemonade Mouth Agency's Pitch for Transfer Students to Attend UHCL

**Presenter:** Brianah Harkins, Lisa Alvarado, Hussam Awadallah, Natalie Nguyen, Tressa Rodriguez

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**Title:** Transfer Trailblazers's Pitch for Transfer Students to Attend UHCL

**Presenter:** Isabel Meza, Marco Cruz, Savannah Canales, Travis Pulkinen

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**Title:** Fresh 5's Pitch for Graduating High Schoolers to Attend UHCL

**Presenter:** Davis Lee, Megan Horton-Comer, Emerson Carlson, Rachel Martinez, Alanis Rodriguez

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**Title:** Mean Green's Pitch for Transfer Students to Attend UHCL

**Presenter:** Landrei Stafford, Carson Davis, Devin Almanza

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**Title:** The Oranges's Pitch for Adults Returning to School to Attend UHCL

**Presenter:** Gabriela Rocha, Diego Munoz, Kaylee Humphries, Reese Haines

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**Wednesday, April 23, 2025**

**College of Education**

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**7:00 p.m. Bayou 1104**

**Faculty Chair: Dr. Omah M. Williams-Duncan**

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**Title:** English Learners in STEM Subjects: Transforming Classroom, Schools, and Lives

**Presenter:** Steven Ahamah

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**Title:** Culturally Relevant STEM Education for All: Why and How

**Presenter:** Maisa Meziou

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**Title:** Small Moves, Big Impact: Transforming Online Teaching with Evidence-Based Practices

**Presenter:** Mindy Murray

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**Title:** Science Education Through Multiple Literacies

**Presenter:** Tracie Nair

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**Title:** Re-making the Library Makerspace

**Presenter:** Theresa Rodriguez

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**Thursday, April 24, 2025**

**College of Human Sciences and Humanities**

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***Advanced Nonexperimental Methods & Statistics Session***

**8:30 a.m. – 11:20 a.m. Bayou 3606**

**Faculty Chair: Dr. Robert Bartsch**

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**Title:** Online vs. Face-to-Face Learning: Student-Instructor Interaction and Self-Discipline.

**Presenter:** Cristina Barraza & Lauren Dinh

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**Title:** The Perception of Romantic Relationship Satisfaction From the Frequency of Social Media Posting.

**Presenter:** Lauren Bilnoski

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**Title:** Relation between Physical Exercise and Mood.

**Presenter:** Angel Contreras

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**Title:** Relationship between Type of Insurance and Recovery Pathway.

**Presenter:** Paul Galbraith

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**Title:** Exploring the Link Between Information Overload and Anxiety: A Correlational Study.

**Presenter:** Rosario Mba Nsang

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**Title:** Sleep Quality and Screen Time Association Among Undergraduate Students.

**Presenter:** Sierra Morales

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**Title:** College Students' Technology Proficiency, AI Experience, and Willingness to Utilize AI-Based Mental Health Chatbots.

**Presenter:** Tri Nguyen

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**Title:** AI Technology in Higher Education: The Relationship Between Student Culture and Generative AI Acceptance.

**Presenter:** Kamilla Orent

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**Title:** Do college students who Report Procrastinating in Academics also Report Procrastinating in Exercise and Bedtime?

**Presenter:** Josseline Dariela Ortega Mejia

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**Title:** The Correlation Between Physical Activity and Academic Stress: The Role of Attitudes.

**Presenter:** Reagan Polley

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**Title:** Students' Textbook Use and Perceived Performance: A Study on Academic Engagement.

**Presenter:** Caleb Decker & Zayra Rodriguez

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**Title:** Barriers to Employment Opportunities Among University Students.

**Presenter:** Abdurruf Said & Shad Tarhoni

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**Title:** Isolation And Financial Stress.

**Presenter:** Brian Vences Perez

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**Title:** Commute Time, Well-Being, and Extracurricular Involvement.

**Presenter:** Olivia Williams

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**Title:** Social Media and Cognitive Focus: Investigating the Relationship Between Usage and Attention Span.

**Presenter:** Jacey Wingfield

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**Title:** So What About Sports? Spectatorship & Perceived Mental Health.

**Presenter:** Giuseppe Rossi

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**Thursday, April 24, 2025**

**College of Science and Engineering**

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**9:00 a.m. – 10:00 a.m. Delta 237**

**Online Option Available**

**(Zoom Link)**

Meeting ID: 956 8558 6924

Passcode: 371402

**Faculty Chair: Dr. Unal 'Zak' Sakoglu**

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**Title:** Detection of Leprosy Wound Locations from Digital Images

**Presenter:** Bhavana Anamdasu, Srikanth Bhimineni, Pravalika Sura

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**Title:** Non-Uniformity Correction of Images Using Hexagonal Sampling.

**Presenter:** Trevor Saturnino, Eduardo Minjares

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**Title:** American Sign Language Translator Using Automated Image Processing and Classification.

**Presenter:** Dania Mosuli, Stephanie Bonilla, Jose Reyes

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**Title:** Automated Wildfire Detection from Radiometric Thermal UAV Imagery.

**Presenter:** Fernando Hermosillo Leon, Javier Rivera, Brandon Rodriguez

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**Thursday, April 24, 2025**

**College of Science and Engineering**

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**Mechanical Engineering Design Challenge**

**9:00 a.m. – 11:00 a.m. STEM 1115**

**Faculty Chair: Dr. Kazi Billah**

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**Title:** Design and Manufacturing of Lunar Lander.

**Presenter:** Kyle Anderson, Frank Blanchard, Baldemar Garcia, Alejandro Rodriguez, Paulo Servin

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**Title:** Design and Manufacturing of Lunar Rover Legs.

**Presenter:** Erik Molina, Brayan Diaz, Bryan Quezada, Cole Curtis

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**Title:** Design and Manufacturing of the Lunar Lander Legs.

**Presenter:** Erick Reyes, Joseph Gibson, Cal Harper, Christopher Somera, Avery Wise

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**Title:** Design and Manufacturing of the Lunar Lander Legs.

**Presenter:** John Aumiller III, Bryan Leon, Marco Perez, Josue Rosas, & David Sanmiguel

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**Thursday, April 24, 2025**  
**College of Human Sciences and Humanities**

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**Symposium on the Biological Basis of Behavior:  
Neuroscience Myths & Misconceptions**

**4:00 p.m. – 6:00 p.m. Bayou 1217**

**Faculty Chair: Dr. Georgina Moreno**

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**Title:** Neuroscience Myths & Misconceptions: The Mozart Effect.

**Presenter:** Adaeze Alozie

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**Title:** Neuroscience Myths & Misconceptions: Do we all have specific learning styles?.

**Presenter:** Ameera Baksh

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**Title:** Neuroscience Myths & Misconceptions: Alcohol Kills Brain Cells.

**Presenter:** Cristina Barraza Garcia

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**Title:** Neuroscience Myths & Misconceptions: Violent Video Games Cause Violent Behavior.

**Presenter:** Hannah Chandy

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**Title:** Neuroscience Myths & Misconceptions: the Brain Works Better Under Pressure.

**Presenter:** Lauren Dinh

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**Title:** Neuroscience Myths & Misconceptions: Does Pregnancy Cause Permanent Brain Damage?

**Presenter:** Manuela Santos

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**Title:** Neuroscience Myths & Misconceptions: Brain Capacity and Learning Ability Determined by Genetics.

**Presenter:** Chidimma Ibekwe

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**Title:** Neuroscience Myths & Misconceptions: GPS Makes You Less Smart.

**Presenter:** Alejandra Martinez

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**Title:** Neuroscience Myths & Misconceptions: The Brain is Fully Developed at Age 25.

**Presenter:** Reagan Polley

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**Title:** Neuroscience Myths & Misconceptions: Misconceptions of Brain Injury Permanence.

**Presenter:** Will Robinson

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**Title:** Neuroscience Myths & Misconceptions: We Only Have 5 Senses.

**Presenter:** Giuseppe Rossi

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**Title:** Neuroscience Myths & Misconceptions: Dissociative Identity Disorder: The Neurological Basis.

**Presenter:** Samantha Rothkop

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**Title:** Neuroscience Myths & Misconceptions: You Are Not Using 100% of Your Brain Function.

**Presenter:** Abdurruf Said

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**Title:** Neuroscience Myths & Misconceptions: Brain Plasticity Stops With Age.

**Presenter:** Jude Shahwan

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**Title:** Neuroscience Myths & Misconceptions: Different Brains for Different Personalities.

**Presenter:** Zane Shamsheer

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**Title:** Neuroscience Myths & Misconceptions: We "Our Brain" Remembers Everything We've Ever Experienced.

**Presenter:** Katherine Smith

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**Title:** Neuroscience Myths & Misconceptions: Melatonin Helps People Fall Asleep- Sleep Myth.

**Presenter:** Carolina Solis

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**Title:** Neuroscience Myths & Misconceptions: Psychopaths Are "Born" Not "Made".

**Presenter:** Shannon Thompson

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**Title:** Neuroscience Myths & Misconceptions: Human Memory Accuracy.

**Presenter:** Brian Vences Perez

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**Title:** Neuroscience Myths & Misconceptions: The Neuroscience of Free Will: Do We Choose Our Actions?

**Presenter:** Julian Wieck

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**Friday, April 25, 2025**

**College of Science and Engineering**

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**Mechanical Engineering Design Challenge**

**9:00 a.m. – 9:40 a.m. STEM 1115**

**Faculty Chair: Dr. Kazi Billah**

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**Title:** Design and Manufacturing of Lunar Lander.

**Presenter:** Cyrus Bajwa, Daniel Baugh, Cristian Gonzalez, Richard Grumbles, Andrew Tomlinson

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**Title:** Design and Manufacturing of Bottle Hashi.

**Presenter:** Joseline Hurtado, Sergio Lara, Israel Sosa, Adalid Treviño, Christian Vasquez

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**Friday, April 25, 2025**

**College of Science and Engineering**

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**9:00 a.m. – 11:00 a.m. Online Session ([Zoom Link](#))**

**Faculty Chair: Dr. Sachiyo Mukherji**

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**Title:** Wastewater Treatment- Microbial Degradation of Antibiotics.

**Presenter:** Andrea Carmicheal

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**Title:** Effectiveness of Phytoremediation Strategies on Oil Spills.

**Presenter:** Makayla Conroy

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**Title:** Phytoremediation of Heavy Metals in Constructed Wetlands for Water Treatment.

**Presenter:** Isabelle Martinez

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**Title:** Micro and Macroorganisms to Clean CAFO Wastewater.

**Presenter:** Leah Mulkey

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**Title:** Potential Ecological Risks and Benefits of Using Genetically Modified Plants for Phytoremediation Purposes.

**Presenter:** Mirabelle Songoue

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**Title:** Biosecurity Measures to Reduce Risks to Ecosystems and Public Health and Support Sustainable Practices.

**Presenter:** May Morgan

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**Friday, April 25, 2025**

**College of Science and Engineering**

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**Mechanical Engineering Design Showcase**

**Oral Presentation Session**

**9:30 a.m. - 12:30 p.m. STEM 1203 (Lecture Hall)**

**Faculty Chair: Dr. Jeff Mountain**

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**Title:** Insulation Attachment Device for Astronaut Use on the ISS: The Backyardigans NASA Tag Gun.

**Presenters:** Peter Bowling, Walker Sharpe, Joseph Gibson, Matt Alatorre

**Faculty Sponsor:** Dr. Youssef Hamidi

**Time: 9:30 – 9:50**

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**Title:** The Space Cowboys: Lunar Sample Collection Device.

**Presenters:** Abdullah Nazzal, David Patino, and Michael Schoppa

**Faculty Sponsor:** Dr. Youssef Hamidi

**Time: 9:50 – 10:10**

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**Title:** Team Menteluminosa's Design and Manufacturing of a Lunar Contact Sampling Device.

**Presenters:** Andrew Klein, John Claunch, Saifeel Maknojia, & Adam Kennedy

**Faculty Sponsor:** Dr. Kazi Billah

**Time: 10:10 – 10:30**

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**Title:** Design and Manufacturing of a Lunar Rover.

**Presenters:** Mario Galdamez, Eli Fuentes, Oscar Franco, Diego Zuniga

**Faculty Sponsor:** Dr. Kazi Billah

**Time: 10:30 – 10:50**

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**Title:** Design and Manufacturing of a Foreign Object Debris Removal Apparatus from the Cupola of the International Space Station.

**Presenters:** Luke Sammons, Arlan Catney, Darin Kliesing

**Faculty Sponsor:** Dr. Kazi Billah

**Time: 10:50 – 11:10**

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**Title:** Astro Attach Softgoods Attachment Device.

**Presenters:** Alberto Leon, Julio Pinzon Jimenez, Gilmartin Roman-Torres, Gabriel Salazar

**Faculty Sponsor:** Dr. Kazi Billah

**Time: 11:10 – 11:30**

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**Title:** Wire-Embedded Additive Manufacturing.

**Presenters:** Tiger Xue, Jeffrey Gleasman, Thanh Pham

**Faculty Sponsor:** Dr. Kazi Billah

**Time: 11:30 – 11:50**

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**Title:** Enhancing KULR's Impingement Zone Mapping Technology.

**Presenters:** Aidan Byrne, Victor Guevara, Diego Trejo, Moshin Mirchandani

**Faculty Sponsor:** Dr. Youssef Hamidi

**Time: 11:50 – 12:10**

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**Title:** Designing a Retractable Dock Line for Pontoon Boats.

**Presenters:** Richard Arechiga, David Cardozo, Reggie Martinez, and Alberto Torres

**Faculty Sponsor:** Dr. Youssef Hamidi

**Time: 12:10 – 12:30**

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**Friday, April 25, 2025**

**College of Science and Engineering**

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**Computer Engineering Design Showcase**

**Oral Presentation Session**

**10:00 a.m. - 12:00 p.m. Bayou 2512**

**Faculty Chair: Dr. Jiang Lu**

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**Title:** Boom Boards.

**Presenters:** Christian Henry, Julian Rincon, Ke Zhou

**Faculty Sponsor:** Dr. Luong Nguyen

**Time: 10:00 – 10:20**

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**Title:** Code Generator Design for Numerical Hardware Accelerators.

**Presenters:** Dania Mosuli, Cameron Disomma, John Ngo

**Faculty Sponsor:** Dr. XiaokunYang

**Time: 10:20 – 10:40**

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**Title:** NASA LunaboticsChallenge Competition.

**Presenters:** Stephanie Bonilla, Javier Rivera, Jose Reyes, Fernando Hermosillo Leon, Reyna Cruz,  
Brandon Rodriguez

**Faculty Sponsor:** Dr. Luong Nguyen

**Time: 10:40 – 11:00**

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**Title:** InstantRoof Replacement Calculator.

**Presenters:** Aron Cruz, Clinton Green, Raul Diaz

**Faculty Sponsor:** Dr. XiaokunYang

**Time: 11:00 – 11:20**

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**Title:** SpreadfinUnderwater Rover.

**Presenters:** Jacob Diaz, Otoniel Mayoral, Tyler Gambaiana

**Faculty Sponsor:** Dr. Luong Nguyen

**Time: 11:20 – 11:40**

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**Title:** Magic Music Box.

**Presenters:** Keaton Khoury, Eric Peterson, Angela Rios, Sergio Flores-Cruz

**Faculty Sponsor:** Dr. XiaokunYang

**Time: 11:40 – 12:00**

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**Friday, April 25, 2025**

**College of Science and Engineering**

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**Engineering Design Showcase**

**Poster Session**

**2 p.m. - 5 p.m. Bayou, Garden Room**

**Faculty Chair: Dr. Hakduran Koc**

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**Title:** Insulation Attachment Device for Astronaut Use on the ISS: The Backyardigans NASA Tag Gun.

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