

The Office of Undergraduate Research recognizes the top winners at the 22nd Undergraduate Research & Creative Activity Forum held Thursday, April 18th, 2024. All MSU Texas colleges were represented by 81 undergraduates and 32 mentors. We also welcomed 12 students from Fain Elementary 4th and 5th grade.

Gunn College of Health Sciences & Human Services

Posters

1st Place

Amanda Hohlt, Adrian Velazquez, Tyler Thomas, Eleonora Duran, "The Perception of Third-Hand Smoke Exposure Among College Students" Mentor: Randy Case, respiratory care

2nd Place

Delaney Mitchell, Jennifer DerMargosian, Christal Miranda, Amani Augustine, "Health Science Faculty Perceptions of Interdisciplinary Education," Mentor: Randy Case, respiratory care

3rd Place tie:

Gabriela Gutierrez, Jennifer Herrejon, Khalil Blackwood, Felistas Gichaba, "Addressing Marijuana Misuse" Mentor: Randy Case, respiratory care

Brittany Coltrain "Modified Torque Output and Lower Leg Muscle Electromyography after Passive Stretching", Mentor: Michael Olson, exercise physiology

Oral

1st Place

Myia Davis, Jessica Walla "An analysis of Compton scatter intensities under different clinical conditions " Mentor: Rodney Fisher, radiologic technology

Prothro-Yeager College of Humanities & Social Sciences

Oral

1st Place tie:

Oz Taylor "Evan Shelby and the Allure of Early America" Mentor: Mary Draper, history

Andres Revis, "The Lao Perspective in the Bombing of Laos during the Cold War," Mentors: Mike Rattanasengchanh, Eric Lynch, history/world languages

2nd Place

Avery Ondechek "The Impact of Chronic Illnesses on Students' Perceptions of Belongingness," Mentor: Nichola Maxwell, psychology

3rd Place tie

Taylor Clark "You Need to Calm Down: Gender and Separation in Taylor Swift and Texas Rangers Fandoms" Mentor: Linda Veazey, political science

Zetta Cannedy, Brandon Goins, "True Crime: A Bridge to Activism within the US Justice System" Mentor: Linda Veazey, political science

Poster

1st Place

Sunny Scabora "Authority and Morality in the Classroom: How Theatrical Pedagogy Encourages Critical Growth" Mentor: Tyler Williams, philosophy

Fain College of Fine Arts

Creative Activity

1st Place

Hunter Doughty, Marcus Morris, Cecil Witherspoon, "Wichita Falls: A Symphony of Content" Mentor: Jonathon Quam, mass communication

Oral

1st Place

Abigail Newlon, "Cause I'm a Woman": The Rise and Fall of Superwoman Advertising, 1970 through Present, " Mentor: Jim Sernoe, mass communication

Dillard College of Business Administration

Paper

1st Place

Romario Hughes, "The Impact of Financial Literacy Programs and Incentives on Consumer Debt and Financial Status" Mentor: Qian Li, finance

Poster

1st Place:

Brittany Jackson, "The Challenges and Potential of Business Development in Downtown Wichita Falls," Mentor: Scott Manley, business management

West College of Education

Poster

1st Place

Brisa Jimenez Soriano, Christene Bokutu "Work Smarter not Harder: Utilizing AI to Enhance Elementary School Lesson Plan" Mentors: Kelly Medellin, Stephanie Zamora Robles, undergraduate education

2nd Place

Raychel Anderle "Exploring Forms of Communication within Professional Organizations: Member Preferences for Receiving Information" Mentor: Suzanne Lindt, undergraduate education

Oral

1st Place

Cali Barton "Strategies to Increase Connections and Belongingness in Undergraduate Classes" Mentor: Dittika Gupta, undergraduate education

McCoy College of Science, Mathematics & Engineering;

Oral

1st Place

Amber Seward, Brayden Birkenfeld, Sydney Van Noy, "Mechanism-Control Design Integration for a Gravity Compensation System for Human Lower Limb Rehabilitation" Mentor: Zeki Ilhan, engineering

2nd place

Dylan Peterson, Ferenc Nihof "Hybrid Drivetrain Conversions" Mentor: Yu Guo, engineering

3rd Place

Devyn Quintero, Tyler Thames, Chris Garcia "Robust Flexible Drilling and Reaming Work Cell" Mentor: Jan Brink, engineering

Posters

1st place

Sharome Burton, Ethan Bailey "Controls Architecture for Autonomy-Ready Battery-Electric Passenger Vehicle" Mentor: Yu Guo, engineering/computer science

2nd Place

Kara Rodgers "Membrane Protein Chaperone Modulates the Kinetics and Morphology of Tau Aggregation: A Potential Treatment for Alzheimer's Disease" Mentor: George Liang, chemistry

3rd Place

Calvin Walmer "Investigating the Nonlinear Effect of Temperature on a Constrained Flat Plate" Mentor: Salim Azzouz, engineering