22 student presentations recognized at undergraduate research forum

WICHITA FALLS, TEXAS — At the 17th MSU Texas Undergraduate Research and Creative Activities Forum, 101 undergraduate students made either oral or poster presentations Nov. 18. Of them, 22 student presentations received recognition. In addition, 10 students from Fain Elementary School’s fourth and fifth grade classes presented their research.

Lamar D. Fain College of Fine Arts

Oral: 1st Place

Colin Stevenson, Emotional Impact: Light and Color in Art and Journalism Mentor: Dr. Bradley Wilson, Mass Communication/Fain College of Fine Arts

Dillard College of Business Administration

Oral: 1st Place


Oral: 2nd Place

Kelsey Merino, The Forecasting of Sugar Mentor: Dr. Pablo Garcia-Fuentes, economics and finance

Oral: 3rd Place


Prothro-Yeager College of Humanities and Social Sciences

Oral: 1st Place

Kelsey Davis, Unexpected Saviors: Viking Influence on East Slavic Tribes Mentor: Dr. Tiffany Ziegler, history

Oral: 2nd Place

Zetta Cannedy, Sexism, Feminist Structure, Individuals’ Attitudes Towards Abortion in American Society Mentor: Dr. Juheon Lee, history

Poster: 1st Place
Isabella Black, *False Consciousness, Racial Prejudice and Group Threat in the Immediate Post-Trump Era* Mentor: Dr. Isaac Christensen, history

**Poster: 2nd Place**

Siedah Charles, *Testing if the Constant Dominance Parenting Style Correlates with Depression and Academic Effort in a Cross-Cultural Sample* Mentor: Dr. David Carlston, psychology

Gunn College of Health Science & Human Services

Oral: **1st Place**

Shelby Sanborn, Ashli Roberts, Yajaira Ruiz, Alex Sandlin, Dakota Schnorbus, Vanessa Quinones, *Child Abuse and Its Effects in Adulthood* Mentor: Dr. Packiaraj Arumugham, social work

**Poster: 1st Place**

Martin Martin, Rachel Morse, Kylie Martinez, John Melton, Allyson Pena, Elidia Ramos, *Barriers to Seeking Mental Health Services Among College Students* Mentor: Dr. Packiaraj Arumugham, social work

**Poster: 2nd Place**

Katherine Kurylas, Savannah Lopez, Guadalupe Gamiz, Valeria Ibarra, Deanna Gray, Megan Green, *Social Support as a Protective Factor to Manage Anxiety and Stress Caused by COVID-19 Among Undergraduate Field Work Students* Mentor: Dr. Packiaraj Arumugham, social work

**Poster: 3rd Place**

Deanna Duensing, Addy bell, Estrella Chairez, Ivana Denham, Brianna Carsten, Breanna Fobbs, *Mental Health in LGBTQ+ College Students* Mentor: Dr. Packiaraj Arumugham, social work

McCoy College of Science, Mathematics, & Engineering

Oral: **1st Place**

Sharome Burton, Ernuel Tonge, *Performance Analysis of a Maximum Power Point Tracking Solar Charge Controller* Mentor: Dr. Salim Azzouz, engineering

**Oral: 2nd Place**

Abraham Moreno, Megan Cann, Robert Speed, *Automation of a Chain-Coupled Double Planetary Gear Transmission* Mentor: Dr. Salim Azzouz, engineering

**Oral: 3rd Place- 2 Way Tie**

Cameron Calhoun, Quentin Scharfenberg, *Robust Improvement of an Existing Drilling and Reaming Kawasaki R5005L Robot Work Cell* Mentor: Dr. Jan Brink, engineering
Benton Vidal, Nedebiah Warner, *Analysis of Heat Transfer in a Brake System* Mentor: Dr. Zeki Ilhan, engineering

**Poster: 1st Place**

Grace Palmer, *Untreated Wastewater as a Source of Virus to Treat Antibiotic-Resistant Bacteria* Mentor: Dr. James Masuoka, biology

**Poster: 2nd Place- 2 Way Tie**

Mikaela Inderman, *Untreated Wastewater as a Source of Virus to Treat Antibiotic Resistant Bacteria* Mentor: Dr. James Masuoka, biology


**Poster: 3rd Place**

Ashley Alvarez, *Relationship of Fungal Symbionts in Honey Locust Trees* Mentor: Dr. James Masuoka, biology

**West College of Education**

**Poster: 1st Place**

Julie Green, *Exploring Embedded Course Research and Creative Activities at Midwestern State University*. Mentors: Dr. Leann Curry, Dr. Stacia Miller, kinesiology/education

**Oral: 1st Place**

Brittney V. B. Clarke, *Assessing the Effectiveness of Digital Mathematics Games*, Mentor: Dr. Dittika Gupta, curriculum & learning

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