

# 22 student presentations recognized at undergraduate research forum

WICHITA FALLS, TEXAS — At the 17<sup>th</sup> 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: 1<sup>st</sup> 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: 1<sup>st</sup> Place

**Soleil Weeks**, *Forecast of the Monthly Price of Corn, 2000:1-2021:8* Mentor: Dr. Pablo Garcia-Fuentes, economics and finance

### Oral: 2<sup>nd</sup> Place

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

### Oral: 3<sup>rd</sup> Place

**Nancy Espinoza**, *Forecast of the Monthly Price of Pork, 2000:1-2021:8* Mentor: Dr. Pablo Garcia-Fuentes, economics and finance

## Prothro-Yeager College of Humanities and Social Sciences

### Oral: 1<sup>st</sup> Place

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

### Oral: 2<sup>nd</sup> Place

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

### Poster: 1<sup>st</sup> Place

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

**Poster: 2<sup>nd</sup> 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: 1<sup>st</sup> 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: 1<sup>st</sup> 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: 2<sup>nd</sup> 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: 3<sup>rd</sup> 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: 1<sup>st</sup> Place**

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

**Oral: 2<sup>nd</sup> Place**

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

**Oral: 3<sup>rd</sup> 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: 1<sup>st</sup> Place**

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

**Poster: 2<sup>nd</sup> Place- 2 Way Tie**

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

**Sharome Burton**, *Search & Rescue Unmanned Aerial Vehicle – Radio Direction-Finding* Mentor: Dr. Yu Guo, engineering

**Poster: 3<sup>rd</sup> Place**

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

**West College of Education**

**Poster: 1<sup>st</sup> Place**

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

**Oral: 1<sup>st</sup> Place**

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

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