**2023 ULM Student Research Symposium Proceedings**

**Allied Health – Dr. Rebecca Hamm**

1st Place: Audrey Holland

Title: *Treatment of Vocal Parameters in Patients with Parkinson's Disease*

Mentor: Mary Ann Thomas, M.S., CCC-SLP

2nd Place: Kathryn Morgan

Title: *Do iPads Improve Motivation, Engagement, and Language Outcomes in Children with Language Disorders*

Mentor: Dr. Donna Thomas

**Arts, Education, and Sciences (AES)**

**School of Sciences - Dr. Ann Findley & Dr. Srinivas Garlapati**

**Undergraduate Presentations - Biology**

1st Place: Subash Sapkota

Title: *The Environmental Drivers of Seedling Distribution in a Northwoods Forest Landscape*

Mentor: Dr. Joydeep Bhattacharjee

**Undergraduate Presentations - Physical Sciences**

1st Place: Haniston Holloway & Isaiah Montgomery

Title: *Evolution of Shear Profiles Preceding Significantly Tornadic, Tornadic, and non-Tornadic QLCs*

Mentor: Dr. Todd Murphy

2nd Place: David Basnet

Title: *Catalytic N-tert-Butoxycarbonylation using N-Boc-hydroxyamine*

Mentor: Dr. Siva Murru

**Graduate Presentations - Biology**

1st Place: Bibek Kandel

Title: *Characterization of Evapotranspiration in Bottomland Hardwood Forests in Northeast Louisiana*

Mentor: Dr. Joydeep Bhattacharjee

2nd Place: Michael Duah

Title: *Bacteriophage Interaction of Biofilm from Rhizobium radiobacter*

Mentor: Dr. Allison Wiedemeier

3rd Place: Breanna Gottschalck

Title: *Role of Protein-Protein Interaction Between GleIF4E2 and GleIF2beta in Translation Initiation*

Mentor: Dr. Srinivas Garlapati

**School of Education – Dr. Amy L. Weems**

**Graduate Oral Presentation for Completed Research**

1st Place - Lori Benoit

Research Title: *A Phenomenological Study of Experienced Educators Supporting Novice Teachers*

Major Professor: Dr. Amy L. Weems

2nd Place - Caitlin Lowery

Title: *Faces at the Bottom of the Gap: Counterstories from Black Elementary Students about Their Experiences with White Teachers*

Major Professor: Dr. Yiting Chu

**Graduate Poster Presentation for Research in Progress**

1st Place - Ronald Neal

Title: *The Effects of Increasing African American Male Teachers within Urban Middle Schools*

Major Professor: Dr. Sandy Watson

2nd Place - Rachel Hattaway

Research Title: The Impact of Mentorship on Novice Teacher Retention at a Rural Northeastern Louisiana Public High School: A Case Study

Major Professor: Dr. Amy L. Weems

**College of Business and Social Sciences**

**School of Accounting, Financial, and Information Services – Dr. Deborah Golemon**

**Graduate Poster Presentation**

1st Place: Duong, Dung Thi My

Title: *Can Personal Career Choice Explain the Gender Pay Gap?*

Mentor: Dr. Tammy Johnston

**Undergraduate Poster Presentation**

1st Place: Breksa, Bryant Joseph

Title: *ULM Student Cable Television Usage*

Mentor: Dr. Tammy Johnston

2nd Place: Shrestha, Nishu

Title: *Implementation of Artificial Intelligence (AI) in Business*

Mentor: Dr. Jun Yu

**Political Science – Dr. Jack Palmer**

**Undergraduate Oral Presentation**

1st place: Carmen Garza

Title: *How Does Being A Woman Affect Consumer Preference, Decision- Making & Brand Loyalty?*

Mentor: Dr Joyce Zhou

**Psychology – Dr. Jack Palmer**

**Graduate Posters**

1st Place: Brennan Remington

Title: *Examining the Efficacy of Collegiate Faculty in Detecting Artificial Intelligence*

Mentor: Dr. Seth Tackett

2nd Place: Jordan Stagg

Title: *The Influence of Political Affiliation on the Perception of Individuals with Tattoos*

Mentor: Dr. Jack Palmer

**Graduate Oral**

1st Place: Brennan Remington

Title: *The IQ Qualm - A Review of Intelligence Quantification Methods and the Impact of Cultural Bias on Testing Results*

Mentor: Dr. Seth Tackett

**Undergraduate Poster Presentation**

1st Place: Taylor Brinson

Title: Risk *Propensity and Sensation-Seeking Behavior Differences Between Genders*

Mentor: Dr. Seth Tackett

2nd Place: Karen Renae Toomer & Logan Reese Farmer

Title: *The Relationship Between Caregiving Practices and Child Behavioral Development*

Mentor: Dr. Burton Ashworth

**Honors Course (Psychology)**

1st Place: Gabrielle Thomas & Lawson Marchand

Title: *Determining the Relationship Between Processing Methods of Swine and the Overall Quality of Bacon: The Best Bacon for Your Buck*

Mentor: Dr. Burton Ashworth

2nd Place: Gabriel Stephan & Van Mizell

Title: *The Correlation Between Adolescent Social Disorders and Agoraphobia*

Mentor: Dr. Burton Ashworth

**School of Humanities – Dr. Roger Carpenter**

**Undergraduate Oral Presentation**

1st Place (Tie): Caitlyn Hilliard

Title: *Beyond the Id: A Freudian Examination of Falk’s Psyche in Conrad’s “Falk: A Reminiscence”*

1st Place (Tie): Mallory Kaul

Title: *The Sea Never Changes: Anti-Modernity in Joseph Conrad’s “Falk”*

2nd Place: Alisha Waite

Title: *Joyce’s Genesis*

**School of Management – Dr. Jun Yu**

**Graduate Posters**

1st Place:  Nirjara KC and Prajal Prasai

Title: *Destination Marketing Strategies for Local Attraction*

Mentor: Dr. Joyce Zhou

2nd Place: Thai Than and Braxton Jackson

Title: *The Impact of Student Engagement on College Students' Personal and*

*Interpersonal Development*

Mentors: Dr. Joyce Zhou, Dr. Valerie S. Fields & Micène Fontaine

**Undergraduate Posters**

1st Place: Aakanchha Bhandari

Title: *The Influence of Social Media on Word-of-Mouth Marketing*

Mentor: Dr. Jun Yu

2nd Place: Hannah Bendily

Title: *How I Would Market a Perfume Company*

Mentor: Dr. Joyce Zhou

**Undergraduate Oral Presentations**

1st Place: Kiauna Rollins

Title: *The Minimizing of Logos and Their Effects on Consumer Decision Making*

Mentor: Dr. Joyce Zhou

2nd Place: Aavash Kuikel

Title: *What Makes Non-Family Employees A Stranger at Family Firms*

Mentor: Dr. Taewoo Kim

**School of Pharmacy – Dr. Sylvester & Dr. Matthaiolampakis**

**Graduate Student Poster Presentations**

1st Place: Ashkan Hassankhani Rad

Title: *Pseurotin A Culture Conditions Optimization and Validation as a Metastatic Castration-Resistant Prostate Cancer Recurrence Suppressing Lead*

Mentor: Dr. Khalid El Sayed

2nd Place: Archana Shrestha

Title: *Impact of Individual and Combined Deregulation of miR-143 and miR-506 on Cytokinetic and Morphometric Parameters in A549 Lung Cancer Cells*

Mentor: Dr. Georgios Mattheolabakis

**Graduate Student Oral Presentations**

1st Place: Ethar Mudhish

Title: *Cannabidiol Suppresses Metastatic Castration-Resistant Prostate Cancer Progression and Recurrence through Modulating Tryptophan Catabolism*

Mentor: Dr. Khalid El Sayed

2nd Place: Jessie Grazier

Title: *γ-Tocotrienol Inhibition of the Metastatic Phenotypic Behavior is Associated with a Decrease in Galectin-3 Expression and Distribution in Highly Malignant Mammary Tumor Cells*

Mentor: Dr. Paul W. Sylvester

**Undergraduate Poster Presentation**

1st Place: Shylon Francis

Title: *Assessing Health Needs in a Dominican Republic Community During an Interprofessional Service-Learning Trip*

Mentor: Dr. Hanna Rotundo

**Visual and Performing Arts (VAPA) – Dr. James Boldin**

**Undergraduate Presentation**

1st Place: Katherine Phillips, Jonathan Decou, Taylor Hunter, Adedayo Lawal, Mason McMorris

Title: *Musical Performance by Magnolia Brass Quintet*

Mentor: Eric Siereveld

**VCOM/ Medical Sciences – Administrative Assistant Laura Maclin**

1st Place: Elizabeth Kibodeaux

Title: *Expression of Pulmonary Endothelial Cell Components in Pseudomonas Infection*

Mentoring Faculty: Dr. Rebekah Morrow, PhD

2nd Place Winner: Rebecca Peters & Nourann Sadiq

Title: *A Cadaveric Exploration & Analysis of Variation of the Brachial Plexus*

Mentoring Faculty: Dr. Savannah Newell, PhD