

POSTER PRESENTATION WINNERS

Undergraduate

Nursing, Psychology, & Other Analytic Studies

1 st Place	Katie Balack	Student Perceptions of the Challenges of Blood Glucose Regulations during the Freshman Year of College	Faculty Mentor: Dr. Susan Snellgrove, Nursing
2 nd Place (Tie)	Samuel Tanner Mcknight	An Analysis of the BP Deepwater Horizon Oil Spill and Its Effects on the Alabama Gulf Coast Economy	Faculty Mentor : Dr. David Kern, Finance
2 nd Place (Tie)	Michelle Bagby	Reviewing the Incidence of Unintended Pregnancies in Adult Women: Long-Acting Reversible Contraception versus Patient Counseling	Faculty Mentor : Dr. Lashond Hill, Nursing

Plant Sciences

1 st Place	Earl Morris	Investigation of the Role of Myo-Inositol Oxygenase in Vitamin C Synthesis and Its Effects on the Growth and Stress Tolerance of Tobacco Plants	Faculty Mentor: Dr. Argelia Lorence, Chemistry & Physics
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Animal and Environmental Science

1 st Place	Anthony Rusher	Chronic Oral Nicotine Intake and Hepatic Cyp2b1 Activity in Rats	Faculty Mentor: Dr. Amy Pearce, Psychology & Counseling
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Physical Science and Engineering

1 st Place	Robert Darrington	Use of Nanoclays as Alternative Modifiers for Building Longer Lasting Pavements	Faculty Mentor: Dr. Zahid Hossain, Civil Engineering
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Graduate

Studies on Education

1 st Place	Margaret Campbell	Fluency: Fact vs. Fiction	Faculty Mentor: Dr. Ryan Kelly, Teacher Education and Leadership
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Nursing and Health Professions

1 st Place	Corey Felts	Quantification of Frequency, Magnitude and Direction of Impact Incurred by Adolescent Football Players	Faculty Mentor: Dr. Christy Phillips, Physical Therapy
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Agriculture and STEM

1 st Place	Biswaijit Bairgi	Scrap Tires in Paving Materials: An Innovative Way to Eliminate Moisture Damage of Pavement	Faculty Mentor: Dr. Zahid Hossain, Civil Engineering
2 nd Place	Nayan Kumar Paul	Push Pull Phenomenon of a Dielectric Particle in a Rectangular Waveguide	Faculty Mentor: Dr. Brandon Kemp, Electrical Engineering

ORAL PRESENTATION WINNERS**Undergraduate****Psychology and Health Sciences**

1 st Place	Johnna Heern	Perceptions of Northeast Arkansas Hospice Nurses on Their Emotional Well-Being and Coping Interventions While Working With Death and Dying	Faculty Mentor: Dr. Annette Stacy, Nursing
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Other Analytics Studies

1 st Place	Nathan Nelson	Arkansas State Women's Basketball: How to Increase Attendance and Support?	Faculty Mentor: Dr. Joyce Olushola, Sport Management
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Environment and Life Science

1 st Place	Shelby Chappell	Effects of Natural Sources on Nutrient Levels in Channelized and Natural Streams	Faculty Mentor: Dr. Jennifer Bouldin, Biological Sciences
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Physical and Computer Science

1 st Place	Clayton Kardas	Using a Charge-Coupled Device for Beam Shaping Feedback to a Spatial Light Modulator	Faculty Mentor: Dr. Bruce Johnson, Physics
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Graduate**Agriculture and Environmental Science**

1 st Place	Mary Kilmer	Looking for Lead in all the Wrong Places?	Faculty Mentor: Dr. Jennifer Bouldin, Biological Sciences
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Physical and Life Science

1 st Place	Benjamin Steckling	Hydrogen Bonding in Interpolymer Interactions: Case Study of Fibroin	Faculty Mentor :Dr. Hideya Kouzemi, Chemistry
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Other Analytic Studies

1 st Place	Morgan Caples Thrasher	The Use of Speech-In-Noise Testing as a Measure of Hearing Aid Benefit	Faculty Mentor: Dr. Mike McDaniel, Communication
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