2017 Research Excellence Award Results

Graduate Poster Presentations

Graduate Poster Natural Sciences

First
Effects of Dietary Creatine Monohydrate Supplementation on Late Onset Doxorubicin Induced Skeletal Muscle Dysfunction
Kugler, Benjamin
Faculty Sponsor: Hydock, David

Second
The Effects of Doxorubicin Treatment and Exercise on Skeletal Muscle Function and Myogenic Regulatory Factors
Capps, Michael
Faculty Sponsor: Hydock, David

Third
Effectiveness of the Dangerous Decibels Program® In Children from Military Families
O'Dorisio, Danielle
Faculty Sponsor: Meinke, Deanna

Finalist
Brainstem Auditory Evoked Response Results in Old Versus Young Horses
Melvin, Brenna
Faculty Sponsor: Bright, Kathryn

Finalist
Effects of A Kefir Diet on Kidney Antioxidant Enzymes of Rats Treated with Doxorubicin
Busekrus, Raquel
Faculty Sponsor: Hydock, David

Graduate Poster Social Sciences

First
A Qualitative Exploration of Barriers for Clinicians-In-Training in Discussing Client Sexual Issues
Jersin Woods, Christy; Larsen, Amanda; Martinez, Megan; Zwetzig, Sarah; Faculty Sponsor: Softas-Nall, Basilia

Second
The Collaboration Routines of Audiologists and Speech-Language Pathologists in Auditory Processing Disorders in Children
Murphy, Erika
Faculty Sponsor: Stoody, Tina

Third
A Systematic Review of the Whole School Whole Community Whole Child Model’s Component of Employee Wellness
Kuhn, Ann
Faculty Sponsor: Kuhn, Ann

Finalist
Safe Routes to School: Assessing cycling knowledge of middle school students.
DeHerrera, Dayna; Thornton, Michelle; Turner, Grace; Adams, Hope; Audley, Evelyn; Preza, Allison; Mortimer, Hanna;
Faculty Sponsor: Dinger, Mary

Finalist
Brand Equity of Under Armour in Korean Market
Park, Jiyoung
Faculty Sponsor: Morse, Alan

GRADUATE Oral Presentations

Graduate Oral Natural Sciences
First
Potential environmental impact of oil and natural gas emissions on a shortgrass steppe
Lupardus, Randi
Faculty Sponsor: Franklin, Scott

Second
Performance and Health Related Characteristics of Athletes Using Marijuana
Lisano, Jonathon
Faculty Sponsor: Stewart, Laura

Third
Aryl hydrocarbon receptor activation induces circadian disturbances in mouse IgA antibody secretion
Cho, Christine
Faculty Sponsor: DeKrey, Gregory

Graduate Oral Social Sciences
First
Comparing student, teacher, and expert perceptions of learner-centeredness in STEM classrooms
Heim, Ashley
Faculty Sponsor: Holt, Emily
**Second**
Exploring the Development of Perfectionism and Psychological Adjustment: The Influence of Educational Context among Elementary School Students  
Watabe, Akiko  
Faculty Sponsor: Allen, Michael

**Third**
Salary Discrepancies Between Men’s and Women’s Head Basketball Coaches: An Investigation of the NCAA Power Five Conferences  
Sellars, Nicole; Traugutt, Alex;  
Faculty Sponsor: Morse, Alan

**Graduate Oral Humanities**
**First**
Maslow for Musicians: A Theoretical Teaching Model  
Campbell, Melynie  
Faculty Sponsor: Montemayor, Mark

**UNDERGRADUATE Poster Presentations**

**Undergraduate Poster Natural Sciences**
**First**
Investigating the Effects of Metformin on Pyruvate Carboxylase  
Solis, Guadalupe  
Faculty Sponsor: Hyslop, Richard

**Second**
Will Lee-Side Cyclones Become More Intense in a Warming Climate?  
Scoleri, Samuel  
Faculty Sponsor: Flynn, Wendilyn

**Third**
Predicting Network Dynamics Based on Neural Connectivity  
Moore, Samantha  
Faculty Sponsor: Morrison, Katherine

**Finalist**
Relationships Between Ambient Noise Levels and Vocal Effort when Working as a Restaurant Bartender  
Bautista, Ashley  
Faculty Sponsor: Meinke, Deanna

**Finalist**
Design, Synthesis, and Biological Activity of O-phenyl-N-(9’-acridinyl)-hydroxylamines
DeSelm, Matthew
Faculty Sponsor: Mosher, Michael

**Undergraduate Poster Social Sciences**

**First**
*Biological distance between flexed and supine burials at the ancient Greek city of Himera using dental nonmetric data*
Czapla, Jessica
Faculty Sponsor: Kyle, Britney

**Second**
*Can Goal-Setting Improve Hospital Volunteers’ Intrinsic Motivation?*
Orellana, Genesis
Faculty Sponsor: Kirkland, Rena

**Third**
*The small but healthy hypothesis: Evidence of skeletal stress and adaptation in Himera, Sicily*
Smith, Tessa
Faculty Sponsor: Kyle, Britney

**Finalist**
*Conquering Math Anxiety*
Ellett, Kendra
Faculty Sponsor: Kang, Hyun Jung

**Finalist**
*Analysis of Gender Differences in Authentic Science Inquiry Practices*
Garcia, Arianna;
Faculty Sponsor: Peffer, Melanie

**Undergraduate Poster Humanities**

**First**
*The U.S. Health Care Experience*
Montes, Cristian
Faculty Sponsor: Corman, Rhonda

**Second**
*Disproportionate Disenfranchisement in the United States: Race and Felon Disenfranchisement from the Jim Crow Era to the Era of Black Lives Matter*
Fletcher, Amber
Faculty Sponsor: Williams, Gregory
**Third**
*Frankenstein’s Fixations: A Psychoanalytic Approach to Childhood, Sexuality, and Outsiders*
Harris, Kaitlin
Faculty Sponsor: Cornish, Sarah

**UNDERGRADUATE Oral Presentations**

**Undergraduate Oral Natural Sciences**

**First**
*Thermal Effects During Incubation on Corn Snake (Pantherophis guttatus) Pigment and Pattern Formation*
Carlton, Hawken
Faculty Sponsor: Mackessy, Stephen

**Second**
*Effects of migration on wing morphology in Rock Wrens*
Godlove, Nickolas
Faculty Sponsor: Benedict, Lauryn

**Third**
*Chronic Inflammation, Cardiorespiratory Fitness, and Dietary Inflammatory Index in Cancer Survivors*
Christensen, Matthew
Faculty Sponsor: Stewart, Laura

**Research Excellence Award Finalist - Undergraduate Oral Social Sciences**

**First**
*Speech and Language Intervention for Schizophrenia: An Interdisciplinary Survey Study*
Cook, Tori
Faculty Sponsor: Kirkland, Rena

**Second**
*Actual vs. Perceived Body Composition and How Body Image Impacts College Students*
Papish, Kiera; Newton, Pyper;
Faculty Sponsor: Kage, Katie

**Third**
*Benefits of One-On-One Prescriptive Reading Tutoring to an Elementary Student*
Mahoe, Jewel
Faculty Sponsor: Leon, Linda
Research Excellence Award Finalist - Undergraduate Oral Humanities

**First**
*Systemic Depreciation: An Analysis of Non-White Neighborhood Vulnerability to Urban Gentrification*
**McGaha Miller, Abigail**
Faculty Sponsor: Creekmore, Andrew

**Second**
*Immigration and Naturalization: A Possible Solution to the Japan Crisis*
**DeHaan, Samuel**
Faculty Sponsor: Low, Michelle

**Third**
*El poder y el individuo*
**McGaha Miller, Abigail**
Faculty Sponsor: Garza, Efrain