

Graduate School Research Grants Awarded – Academic Year 2018-19

Adam Mattson, *Structural Reconstruction of the Chandon, Vos, and Yellowglen Gas Discoveries in the Northern Carnarvon Basin, Australia*, \$1,205.00

Alyssa Minton, *Age Differences in the Impact of Gaze Direction and Context on Emotion Perception*, \$950

Amanda Houchens, *Analysis of Mercury and Trace Metals in Bat Guano*, \$2,725.00

Anna Harris, *Quantifying the Impacts of Timber Harvest on Karst Systems in the Tongass National Forest, Alaska*, \$2,453.56

Ban Wang, *The Catalytic Methodology Development of Iron Catalysts for Carbene Transfer Reactions*, \$2,991.00

Bektur Adisatarov, *Nanosecond Pulsed Laser Deposition of Lead Thin Film on Silicon*, \$2,990.82

Beverly Gartland, *Nutritional Issues of Geriatric Horses: Ingestion Versus Digestion*, \$2,453.56

Charles O'Connell, *Developing New Tools to Study the Karst Hydrogeology of a Pristine Groundwater Flow System: Great Onyx Spring, Mammoth Cave National Park, Kentucky*, \$2,965.00

Eleanor Miller, *The Aesthetics of Unionization: Studie Crusenberry's Scrapbooks as Folk Art*, \$500.36

Ernek Belekov, *Pathogenic Bacterial Deactivation in Human Blood Using Silver Nanoparticles as a Photodynamic Therapy Agent*, \$2,678.00

Helen "Shelley" Spalding, *The Valley of the Fallen: The Intersection of Religion and Nationalism in a Spanish Civil War*, \$2,453.56

Ifeyinwa Onwelumadu, *Meeting the Needs of Graduate International Students in a Mid-South University: A Descriptive Phenomenology Study*, \$1,050.00

Jacob Grigsby, *Incision History of the Northwestern Ethiopian Plateau: Insights from Low-Temperature Apatite Thermochronology*, \$2,453.56

Jae Ko, *Different Reactions of 5' –Guanosine Monophosphate and N-Acetyl-L-Methionine on a Platinum Tri-Ammine Complex with a Seven-Membered Ring*, \$1,137.00

Jason Fox, *An Index-Based Assessment of Tourism Development Impacts in Cold-Climate Coastal Landscapes*, \$1,000.00

Jenna Cantway, *Mechanochemistry: Solvent-Free Synthesis of Metal Coordination Compounds using Ball Mills*, \$2,145.00

Jonathan Markham, *Pyridine N-Oxides Assisted Activation of Alkynes by Visible Light Photo-Redox Light Catalysis*, \$2,964.00

Keagan Keen, *A Comparison of the Acute Effects of Yin Yoga, Restorative and Static Stretching on Flexibility, Blood Pressure, Heart Rate, and Perceived Stress in Healthy Adults*, \$2,833.86

Kyle Whorrall, *Documenting the Unexplored Diversity of Peruvian Spider Beetles*, \$3,000.00

Lauren Kappel, *Substrate-Borne Vibrational Communication in Veiled Chameleons During Courtship and Breeding*, \$3,000.00

Madeline Metzger, *The Stoneflies (Plecoptera) of the Black Mountains – Assessing Patterns of Diversity Hotspots, Elevation Gradients, and Potential for Regional Species Loss*, \$2,861.59

Mallory Hughes, *The Effects of Aging and Bilingualism in an Emotional Stroop Task*, \$2,905.00

Meghan Hall, *Seasonal Movement Patterns of Benthic Fish in Headwater Streams of a Reservoir -Riverine Habitat Complex Upstream of the Barren River Dam*, \$2,776.00

Robert Twidwell, *Perception of a Therapist Using Jargon in a Text Message-Based Session*, \$1,440.00

Roderick Maul, *Project Rafiki*, \$2,453.56

Romin Geiger, *Preschool Self-Regulation: A Predictor of School Readiness*, \$1,035.00

Samantha Henry, *Factors Influencing Both Maternal and Offspring Body Composition at 2 Years Postpartum*, \$2,669.88

Sepehr Rassi, *Evaluating the Effects of a Game-Centered Health Promotion Program on Overall Physical Activity, and Sleep Quantity and Quality in Community-Dwelling Older Adults*, \$2,453.56

Skyler Green, *An Experimental Study on the Effects of Pro-Anorexia Content on Eating Disorder Development*, \$560.00

Taylor McRoberts, *The Stoneflies (Insecta, Plecoptera) of Mammoth Cave National Park –Assessing Patterns of Species Richness, Commonness vs. Rarity, and Affinities with Available Habitats*, \$895.15

Viral Bhavsar, *The Effects of Antibiotics on Methane Production from Anaerobic Digestion*, \$2,766.30

Wesley Payette, *Assessment of Fitness Costs Associated with Drug-Induced Sleep Inhibition in Arctic-Breeding Lapland Longspurs (Calcarius Lapponicus) Snow Buntings (Plectrophenax Nivalis)*, \$3,000.00

Zachary Creech, *Lithological Character and Sequence Stratigraphy of the Ste. Genevieve Limestone in Western Kentucky*, \$1,357.00

Zahra Abedinezhadmehrabadi, *The Experiences of Iranian Immigrant Women Living in the U.S.*, \$2,453.56

Zeambo Dahnweih, *The College Choice of West-African International Students: A Generalization of the Hossler-Gallagher Model of College Choice*, \$985.00