

Student	Project Title	Faculty Advisor	Amount
<b>Biology, Geology, &amp; Environmental Science</b>			
Jessica Ammon	Molecular Monitoring of MRSA: Identification and Prevention in Healthcare Settings	Dr. David Giles	\$565.80
Andrea Kur	An Investigation of Southern Appalachian Pteridophytes	Dr. Joey Shaw	\$836.00
Sara Grillo	Effect of predation risk and prey boldness on prey stress response in a small mammal, <i>Octodon degus</i>	Dr. Loren Hayes	\$1,000.00
Kirsten Hein	Implementing Early Screening Methods on First-Backcross Chinese-American Chestnut Hybrids for Resistance to <i>Phytophthora cinnamomi</i>	Dr. Hill Craddock	\$1,000.00
<b>Chemical Engineering</b>			
Chris Purvis	Studying <i>Aeromonas salmonicida</i> Growth and Membrane Permeability in Continuous Culture	Dr. Bradley Harris	\$946.00
Cooper Thome	Biodiesel Production in Microreactors using Heterogeneous Catalysis	Dr. Bradley Harris	\$1,000.00
<b>Chemistry &amp; Biochemistry</b>			
Connor Frye	Exploring the Potential of Cheap Cobalt Complexes as Homogeneous Catalysts for the Selective Oxidation of Hydrocarbons to Alcohols	Dr. John Lee	\$1,000.00
Tyler Khan	Study of the Photoacoustic Effect in Carbon Dioxide	Dr. Han Park	\$1,000.00
Jacob Ewald	Fluorescence Studies of Lysozyme Modifications Induced by Quinones	Dr. Titus Albu	\$1,000.00
Neethu Kurien	SDS-PAGE analysis of naphthoquinone-induced protein modifications and the effect of pH	Dr. Jisook Kim	\$1,000.00
Will Robinson	Bismuth Triflate-Catalyzed Evans-Tishchenko Reaction	Dr. Kyle Knight	\$1,000.00
<b>Civil &amp; Chemical Engineering</b>			
Reed Boeger	Studying <i>Vibrio cholerae</i> Adaptations to Improve Cholera Prevention	Dr. Bradley Harris	\$1,000.00
<b>Criminal Justice</b>			
Zachary Rush	Examination of Millennials' Perceptions of Corporal Punishment	Dr. Christina Policastro	\$405.00
<b>Health &amp; Human Performance – Athletic Training</b>			
Damon Sowers	Influence of concussion history on reactive agility performance among elite boxers and wrestlers	Dr. Shellie Acocello	\$1,000.00
<b>Physics</b>			
Alexandra Waters	Electrical Conductivity Evolution Under Thermal Cycling in Novel Fe-Dy-Tb-O Thin Films	Dr. Tatiana Allen	\$999.95

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<b>Psychology</b>			
Margaret Dempsey	The Twelve Tribes: Ethnographic Conversion Stories of Current Members	Dr. Ralph Hood	\$998.00
Jared Dirghalli	Quantifying and Qualifying the Links that Bind: A Conceptual Map of the Workplace Experience	Dr. Christopher Cunningham	\$1,000.00
Jessica Hacker	Motivation and Environmental Cues: Predictors of Prospective Memory Performance	Dr. Jill Shelton	\$1,000.00
Amanda Schwartz	Language Patterns and Invisible Disabilities	Dr. Amye Warren	\$1,000.00
Drake Terry	A Noble Task: Work Stress, Sense of Coherence, and Work-Nonwork Conflict in Christian Ministers	Dr. Christopher Cunningham	\$1,000.00
Amanda Warner	Detecting Deception: The Accuracy of the Good Judge	Dr. Kate Rogers	\$1,000.00
<b>Social Work</b>			
Kaila Northcutt	Vicarious Trauma in Social Workers	Dr. Morgan Cooley	\$667.00
Erin Thomas	Improving No-Show Rates in a Community Health Clinic	Dr. Morgan Cooley	\$827.00
<b>Theatre and Speech</b>			
Joyce McPherson	Shakespeare Pedagogy: Active Learning in the Theatre Arts	Dr. Anne Swedberg	\$1,000.00