

2012-2013 University Research Grants  
Awarded May 2012

Name	Department	Project Title	Award
Barnett, Stuart	English	"Asterix" and the Culture of Resistance	\$1,575
Chang, Howook "Sean"	Geography	Exploring a New Attribute in Determining Food Quality: Safe Cookware	\$3,120
Crundwell, Guy	Chemistry & Biochemistry	Intermolecular Interactions In Metal Quinoxaline Salts-- Their Impact Upon Metal Geometry and Overall Crystal Design	\$3,306
Davis, Michael	Biomolecular Sciences	Investigation of CRISPR, a Bacterial Defense Against Bacteriophage Killing, and the Creation of Bacteriophage Mutants that Negate CRISPR's Effects	\$5,000
Dobbs-McAuliffe, Betsy	Biomolecular Sciences	Determining new roles for retinoic acid in cell cycle regulation of neuronal precursors in the zebrafish embryo.	\$4,500
Dowling, Robert	English	Journey into Night: The Life of Eugene O'Neill in Four Acts	\$4,500
English, Parker	Philosophy	His Truth Goes Marching On and Off	\$2,700
Glagovich, Neil	Chemistry & Biochemistry	Small Molecule Turn Mimics to Model Protein Secondary Structure	\$4,496
Gotchev, Ivan	Mathematical Sciences	Continuous Extensions of Functions Defined on Subsets of Products	\$2,375
Halkin, Sylvia	Biology	Investigation of Northern Cardinal's Use of the Physically constrained Chirp Vocal Signal	\$3,458
Hammad, Khaled	Engineering	Velocity and Momentum Decay Characteristics of a Submerged Viscoplastic Non-Newtonian Jet	\$4,500
Hartwig, Heidi	English	"The Modernist conversion Narrative in Graham Green's 'The End of the Affair'"	\$4,000
Hoopengardner, Barry	Biomolecular Sciences	Caddisfly editing : a potential bioassay for pollutants	\$4,410
Iannone, Abel P.	Philosophy	Exploring Development: Kinds, Conceptions, Challenges, and Prospects for Improvement	\$3,750
Jarrett, Jeremiah	Biology	Reciprocal selection for defensive and offensive plasticity between a barnacle prey and two species of predatory snail.	\$4,500
Kaminski, Elizabeth; Sears, Karen	Sociology	LGBT Health Issues: Identifying Disparities and Implementing Best Practices	\$9,000
Kapper, Martin	Biomolecular Sciences	Is the Subcellular Location of Aquaporin-2 in Ribbed Mussel Gills Determined by Phosphorylation?	\$3,945
Kara-Soteriou, Julia	Reading and Language Arts	The Integration of Literacy and Technology in Elementary Schools: A focus on Classroom and Computer Lab Instruction	\$4,500
King, Audra	Philosophy	From Gender to Diversity: Addressing the Challenges of Mainstreaming Justice in Development	\$2,600

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King, Thomas	Biomolecular Sciences	What is the Molecular Basis of the Mouse Wooly (wly) Mutation?	\$4,500
Kurkovsky, Stan	Computer Science	An Academic Integrity Policy for Computer Science	\$4,000
Kyem, Peter	Geography	Using Mobile Phones to help with Climate Change Adaptation in Africa the Case of Ghana	\$3,225
Laurent, Linda	Music	In Paris, Completion of a Book: the Correspondence of Two French Performing Artists, Singer Jane Bathori and Actress Andree Tainsy, with Narrative Notes and Biographical Material (Continuation)	\$3,750
Lee, Seunghun	English	A study of the role of tone in passive construction in Burmese and Nuosu Yi	\$5,000
LeMaire, Peter	Physics and Earth Sciences	Electrical transport and thermal studies of Nsutite	\$4,000
Mahony, Mary Ann	History	Small Cacao Farmers and Brazil's Atlantic Forest	\$3,750
Martin, Kathy	Biomolecular Sciences	Mutations that affect plasmid partition in E. Coli	\$3,600
McGrath, Kate	History	The Relationship Between Anglo-Norman Kings and Battle Abbey in Twelfth-Century England	\$3,726
Mione, Thomas	Biology	Phylogeny and Reproductive Biology of A Geotropical Plant Genus	\$4,316
Mitchell, Margaret	Management and Organization	Contingent workers in the American Labor Force	\$4,890
Mitrano, John	Sociology	"Can Art Really Change the World?": Identity, Meaning, and Community at the Burning Man Festival	\$2,736
Mulcahy, Daniel	Teacher Education	Competing Discourses in Education	\$8,000
Mulrooney, James	Biomolecular Sciences	Regulation of Actin Dynamics during Parietal Endoderm Migration	\$4,000
Naoumov, Viatcheslav	Engineering	Research on the Combustion of Non-conventional and Bio-Derived Fuels in Hybrid Propellant Rock Engine: Phase-II	\$5,000
Nicholson, Barbara	Biology	Habitat Selection of Box Turtle Hatchlings	\$3,766
Pearson, A. Fiona	Sociology	Studying Parents: The Experiences of College Students with Children	\$3,625
Penniman, Clayton	Biology	Comprehensive Water Quality Assessment of the Piper Brook Watershed in Central Connecticut	\$4,000
Pope, Cynthia	Geography	The Changing Landscape of HIV/AIDS Risk in Belize: Migrants, Marginalization and National Security	\$5,000

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Prescott, Heather	History	Digital Exhibit on the History of Women's Health and Reproductive Rights in the United States	\$5,000
Retelle, Ellen; Lisi, Penny; Rigazio-Digilio, Anthony	Ed Leadership	Educational Leadership Graduates: An Investigation of Career Preparation at CCSU and Success in Connecticut Schools	\$15,000
Roman, Thomas	Mathematical Sciences	Negative Energy and Accelerating Observers	\$4,000
Rosenberg, Judith; DiPlacido, Joanne	Counseling and Family Therapy	Conceptualization of Care' and 'Caregiving': Implications for the Higher Education of Future Health Care Professionals	\$9,000
Saha, Krishna	Mathematical Sciences	Interval Estimation for Mean Difference in the Analysis of Extra-Dispersed Count Data	\$3,750
Schipke, Rae	English	The writing of the Southern Civil War Clergy	\$3,429
Shankar, Ravi	English	Producing Drunken Boat, international online journal of the arts, #16 & #17	\$4,500
Sharma, Nimmi	Physics and Earth Sciences	Quantifying Aerosol Variability Over a Major Atmospheric Baseline Station Using Laser Radar	\$5,000
Shen, Xiaoping	Geography	Spatial Analysis of lung Cancer Mortality and Industrial Pollution in China	\$4,500
Siporin, Rachel	Art	Color Reduction Relief Prints and Paintings for Solo Exhibitions	\$3,998
Sommers, Brian	Geography	Holocaust Sites, the Eyewitness Generation, and the 'Story' of Dark Tourism	\$3,750
Thomas, Jeff; Drew, Sally	Physics and Earth Sciences	Assessing Science Teachers' Beliefs	\$6,480
Urbanski, Heather	English	Resistant Student Writers and College Composition	\$4,000
Walsh, Sean	Physical Education & Human Performance	Physical Inactivity: Our Destiny?	\$3,600
Wang, Haoyu; Thamma, Ravindra	Manufacturing and Construction Management	Integration of Robot in Fixturing for Machining	\$6,788
Watson, Cheryl	Biomolecular Sciences	Is Cardiac Fibrosis Inhibited by Statin Drugs?	\$4,950
Westcott, Barry	Chemistry & Biochemistry	Metal containing extended structures as building blocks for magnetic nanomaterials	\$4,925
Wiener, Daniel	Counseling and Family Therapy	Assessing Mutual Validation in Non-Clinical Couples	\$3,976

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Williams, Louise	History	"Our Voice as in a Dream": an Asian Art Network and the Imagining of Cosmopolitan Modernity in the British Empire, 1880-1920	\$5,000
Wizevich, Michael	Physics and Earth Sciences	Investigation of the Triassic Reptile Trackways Localities of Vieux Emosson, Switzerland: Insights into the Origin of Dinosaurs	\$5,000
Wolff, Robert	History	Slavery and the Slave Trade in New England	\$4,000
Wu, Shuju	Computer Electronics and Graphics Technology	Deterministic Internet Multicast Feedback Control Using Unsynchronized Clock	\$4,000
Zlatareva, Neli	Computer Science	Evaluation and Revision of Inconsistent Ontologies	\$3,840