

2011-2012 University Research Grants
Awarded April 2011

Name	Department	Project Title	Award
Austad, Carol	Psychology	A Comparison of Biofeedback and Capnographic Breath Training on Stress Responses	\$4,750
Barr, Burlin	English	"Splendid Beasts": The Films of Djibril Diop Mambety	\$4,500
Barrington, Candace	English	Courtly Gestures in the Manuscripts and Incunabula of John Gower's <i>Confessio amantis</i>	\$2,920
Capella, A. David	English	Soulprints: Poems by Germana Santangelo	\$3,500
Ciscel, Matthew	English	Foreign Language Learning Attitudes and Practices in Moldova	\$3,358
Collins, Mary	English	Two Wheels, Two Feet: Lessons from the Dutch Street	\$2,932
Crundwell, Guy	Chemistry & Biochemistry	Solid-State Ion Conductors: Steps Towards Understanding Ion Diffusion and Crystalline Disorder in Substitution Solid Solutions	\$4,285
Davis, Michael	Biomolecular Sciences	Identification of Unknown Bacteria by Genome-Based Analysis	\$4,500
Dobbs-McAuliffe, Betsy	Biomolecular Sciences	Determining the molecular signals that instruct developing zebrafish slow muscle precursors to exit the cell cycle	\$4,080
Dowling, Robert	English	Eugene O'Neill: The Contemporary Reviews (Cambridge U. Press, 2012)	\$5,000
English, Parker	Philosophy	Religious and Political Authority in Ghana and in the United States	\$3,000
Evans, Mark	Physics & Earth Sciences	Fluid evolution and changes in deformation conditions during the formation of the central Appalachian fold-and-thrust belt of Pennsylvania	\$4,991
Garcia-Lozada, Antonio	Modern Languages	Andres Bello: Poetics and Aesthetics	\$5,000
Gilmore, Susan	English	The Country of Confusion	\$2,500
Glagovich, Neil	Chemistry & Biochemistry	Chiral Diols as Resolving Agents of Aldehydes and Ketones	\$4,927
Gotchev, Ivan	Mathematical Sciences	Continuous Extensions of Functions Defined on Subsets of Products	\$4,238
Halkin, Sylvia	Biology	Is Theft-Averting Behavioral of Squirrels Tuned to the Abilities of Recent Thieves and the Value of Cached Food	\$3,188
Hartwig, Heidi	English	Cosmic Intimacies in W.H. Auden's <i>Hausegedichte</i>	\$2,000
Hazuka, Tom	English	The Polygamy Project	\$4,500
Hoopengardner, Barry	Biomolecular Sciences	RNA editing as a character for phylogenetic relationships in hemipteran insects	\$4,655
Hou, Xiaobing	Computer Electronics	Networked Mobile Robot Navigational and Collaboration	\$5,000
Iannone, Abel	Philosophy	Practical World Dynamics: Philosophical Issues in Globalization, Fragmentation, and Policy and Decision Making	\$5,000
Jarrett, Jeremiah	Biology	Populations Structure and Phylogeography of the Barnacle " <i>Chthamalus fissus</i> ."	\$5,000
Kapper, Martin	Biomolecular Sciences	Response of Aquaporins to Salinity Changes in Mussel Gills	\$3,121
Kideckel, David	Anthropology	Project Title: Gauging the Neoliberal State: Local: Local-Level Practice and the Kerala Model of Development	\$4,250
King, Thomas R.	Biomolecular Sciences	Are the "frizzy-like" (<i>frzl</i>) and "retarded hair growth" (<i>rhg</i>) mutations defects in the mouse <i>Prss8</i> gene?	\$4,750
Krans, Jacob	Biology	Muscle plasticity: The role(s) of giant sarcomere associated proteins in modulating larval fly muscle force.	\$4,500

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Kurkovsky, Stan	Computer Science	Mobile game development as a motivational instrument for teaching Computer Science	\$4,500
Kyem, Peter	Geography	Institutional change, rural vulnerabilities and the need for Climate change Adaptation in African countries: the Case of Ghana	\$4,300
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	\$4,991
Lee, Lee	Management & Organization	Knowledge Management: Building a Theoretical Model and its Empirical Testing	\$2,080
Lee, Seunghun	English	Understanding the structure of sounds: the phonetics and phonology of Korean	\$5,000
Liard-Muriente, Carlos	Economics	On-line vs. In-class: Technology in a Principles of Economics Setting	\$4,000
Lisi, Penelope	Educational Leadership	Shaping Culture in Iceland Schools as a Factor in School Improvement	\$4,980
Marshall, Cora	Art	Emancipated Voices: Imagined Narratives from Runaway Enslaved Negro Women	\$2,546
Martin-Troy, Kathy	Biomolecular Sciences	Response of Aquaporins to Salinity Changes in Mussel Gills	\$3,121
McGrath, Kate	History	Royal Rage: Anger and the Construction of Anglo-Norman Royal Authority, c. 1000 - c. 1250	\$4,995
Mejia, Gustavo	Modern Languages	Intersections of the Public and the Private Spheres in XIX-Century Columbia: Women in Diaz Castro's "Manuela"	\$2,550
Mijid, Naranchimeg	Economics	On-line vs. In-class: Technology in a Principles of Economics Setting	\$4,000
Miller, Daniel	Mathematical Sciences	Is Theft-Averting Behavioral of Squirrels Tuned to the Abilities of Recent Thieves and the Value of Cached Food	\$3,188
Mione, Thomas	Biology	The Phylogeny, Reproductive Biology, and biogeography of Jaltomata	\$3,654
Mitrano, John	Sociology	E Pluribus Unum: Consolidating, Indexing, and Analyzing the Collections from Four Route 66 oral History Repositories	\$3,588
Mulcahy, Cara	Reading & Language Arts	Critical Literacy and Adolescent Literature: Transformational Spaces in Adolescent Literature	\$4,000
Mulrooney, James	Biomolecular Sciences	As the Top of a Stream with Many Branches Which Way Should We Paddle: The Role of Signal Transduction Cascades in the Parietal Endoderm Migration and Yolk Sac Formation	\$5,000
Naoumov, Viatcheslav	Engineering	Investigation of the combustion of non-conventional fuels in hybrid propellant rocket engine	\$5,000
Nicholson, Barbara	Biology	Sea-Level Fens	\$4,686
Penniman, Clayton	Biology	Comprehensive Water Quality Assessment of the Bass Brook Watershed in Central Connecticut	\$5,000
Pevac, Irena	Computer Science	Investigating the influence of the use of ESRATEA software on student learning of recursive algorithm time performance analysis	\$3,983
Pope, Cynthia	Geography	Confronting Policies of Discrimination: Living with HIV/AIDS in Belize, Central America	\$5,000
Prescott, Heather	History	Beyond the Pill: Contraceptive Research and Reproductive Health Policy in the United States since 1960.	\$4,000
Roman, Thomas	Mathematical Sciences	Energy Density Fluctuations in the Vacuum	\$4,250
Saha, Krishna	Mathematical Sciences	Interval Estimation for the Interclass Correlation Coefficient for Binary Outcome Data Sampled from Clusters	\$4,250
Shankar, Ravi	English	Producing and Sustaining "Drunken Boat" International Online Journal of the Arts	\$5,000
Sharma, Nimmi C. Parikh	Physics & Earth Sciences	Laser Radar Optical Parameter Determination for Measurement of Urban Aerosols	\$4,977

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Shen, Xiaoping	Geography	Spatial Analysis of Lung Cancer Mortality and Industrial Pollution in China	\$5,000
Smith, Robbin	Political Science	Assessing the Public Achievement Program in Promoting Civic Engagement: A Case Study of Pre-Teen Children	\$2,763
Urbanski, Heather	English	Resistant Student Writers and College Composition	\$3,712
Waite, Bradley	Psychology	Psychophysiological Correlates of Emotion during Video Game Play: Aggression, Arousal and Moderating Factors	\$4,838
Walsh, Sean	Physical Education & Human Performance	Physical Inactivity: Our Destiny?	\$4,500
Warshauer, Matthew	History	Civil War Connecticut: From Slavery to Commemoration	\$5,000
Watson, Cheryl	Biomolecular Sciences	Mechanism of serotonin storage and release by astrocytes	\$5,000
Watton, Stephen	Chemistry & Biochemistry	Solvation Equilibria of Substituted Copper Phenanthrolines	\$4,750
Westcott, Barry	Chemistry & Biochemistry	Lanthanide Building Blocks: Toward Molecular Nanowires	\$4,910
Wiener, Daniel	Counseling & Family Therapy	Assessing Mutual Validation in Non-Clinical Couples	\$3,954
Wizevich, Michael	Physics & Earth Sciences	Geologic Study of the Brian Head Formation, Southwestern Utah	\$4,750
Wolff, Robert	History	Abolitionists and the Amistad Affair in Popular Memory	\$3,639