

2013-14 University Research Grants

Name	Department	Project Title	Award
Abigail Adams	Anthropology	The Other Food Movement: Hunger and Food Justice in Connecticut	3,500
Luz Amaya-Bower	Engineering	Computational Studies of Multiphase flows in Microchannels	3,728
James Arena	Chemistry & Biochemistry	High-temperature reversed-phase high-performance liquid chromatography of analgesic preparations containing acetaminophen, caffeine and acetylsalicylic acid	3,500
Stuart Barnett	English	Sherlock Holmes and the Moriarty Meme	3,974
Candace Barrington	English	Global Chaucers	2,430
M.B.B. Biskupski	History	Was the God-Father of the EU an International Spy?	3,000
Jerry Butler	Art	Magnolia Magic: The Fort Worth (TX) Mosaic Project as a Collaboration of Students, Neighbors, and Art Educators to Change the Landscape of a Community	4,000
David Cappella	English	Gobbo: The Hunchback Alone	1,463
Mary Collins	English	CT American Revolution Tours	3,500
Guy Crundwell	Chemistry & Biochemistry	Making Asymmetric Pyrazino [2,3-g] quinoxalines: Can We Tune Their Fluorescent Colors and Metal Binding Properties?	4,199
Mary D'Ambrosio	English	The Family that Killed Communism - and the Mad Act that Brought Down a Nation	3,880
Michael Davis	Biomolecular Sciences	Planaria as a Model System for Investigating Interactions Between an Animal and Its Normal Endogenous Microbiota	4,250

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Betsy Dobbs-McAuliffe	Biomolecular Sciences	Determining the effects of retinoic acid on cellular proliferation underlying regeneration in planarian worms	4,320
Robert Dowling	English	Journey into Night: The Life of Eugene O'Neill in Four Acts	5,000
Vicente Garcia	Art	Creating Large Scale Steel Sculpture	3,375
Pauline Gichiru	Teacher Education	Exploring Somali Refugee Parents' Perception of their Involvement in their Children's Education	2,540
Susan Gilmore	English	The Country of Confusion	2,000
Neil Glagovich	Chemistry & Biochemistry	Design of a Molecular Torsion Balance to Investigate the Salt Bridge	4,748
Ivan Gotchev	Mathematical Sciences	Cardinal Functions on Topological Spaces	3,600
Sylvia Halkin	Biology	Cache-Moving Behavior of Eastern Gray Squirrels, <i>Sciurus carolinensis</i>	3,750
Khaled Hammad	Engineering	Hemorheology and the flow behaviour in a separated flow region	4,000
Paul Hapeman	Biology	Sex-Biased Dispersal in Fishers (<i>Martes pennati</i>)	4,250
Heidi Hartwig	English	British Catholic Modernism	3,478
Matthew Heinly	Psychology	A Reliability and Validation Study of the Brown Location Test for Visual Memory and Effort Testing Purposes	4,000
Barry Hoopengardner	Biomolecular Sciences	Bumblebee RNA editing: profiles of pollinator editing in Hymenopteran insects	3,220

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Xiaobing Hou	Computer Electronics and Graphics Technology	Energy Conservation for Delay Tolerant Routing in Wireless Sensor Networks	4,250
Abel Iannone, Carol Austad	Philosophy	The Dynamics of Cooperative Inquiry: Innovation through Cross-Pollination between the Humanities, Arts, Professions, Sciences, and Technologies	6,000
Mark Jackson	Biology	Neurosteroid modulation of inhibitory synapses in the crayfish neuromuscular preparation	5,000
Jeremiah Jarrett	Biology	The Impact of Limited Gene Flow on Adaptive Evolution of Spine Morphology in a Predatory Snail	3,970
Mark Jones	History	The Rise of the Middle Class Nation: A History of 20th Century Japan	4,000
Martin Kapper	Biomolecular Sciences	are HSP70 Molecular Chaperones Involved in Salinity Adaptation in Intertidal Mussels?	3,286
Thomas King	Biomolecular Sciences	Positional cloning of spontaneous neurological mutations in mice	4,000
Kimberly Kostelis, Jason Melnyk, Jason Sawyer	Physical Education & Human Performance	Relationship between heart rate, fatigue, and stress on performance in collegiate soccer players	12,894
Elena Koulidobrova	English	Sentential Complementation in ASL: Analysis of false belief tasks	3,500
Catherine Kurkjian, Julia Kara-Soteriou	Reading and Language Arts	Pedagogical Content Knowledge and the Assessment of inservice Reading Teachers	5,404
Stan Kurkovsky	Computer Science	Temporal cache management algorithm for mobile devices	4,750
Linda Laurent	Music	In Paris, Continued Preparation of a Book for Publication: the Correspondence of Two French Performing Artists, Singer Jane Bathori and Actress Andree Tainsy, with Narrative, Notes, and Biographical Material	3,406
Naranchimeg Mijid	Economics	Why Are Women Business Owners Discouraged to Apply for Bank Loans	2,272

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Thomas Mione	Biology	Genetics, phylogeny, biogeography and taxonomy of <i>Jaltomata</i>	4,116
Margaret Mitchell	Management and Organization	The use of social networking sites for employment-related decisions	3,984
John Mitrano	Sociology	Factors in the Development of Highly Civically-Engaged Students: An Exploratory Study	3,045
Daniel Mulcahy, Cara Mulcahy	Teacher Education	Competing Discourses in Education	7,000
James Mulrooney	Biomolecular Sciences	Knock-down of E-cadherin in Parietal Endoderm to Determine Role in Migration and Adhesion	3,965
Viatcheslav Naoumov	Engineering	Experimental and Theoretical Research on the Combustion of Bioderived Fuels with Additives in Hybrid Propellant Rocket Engine: Phase-III	4,000
Barbara Nicholson	Biology	Tracking the Yearling Box Turtle	4,399
Clayton Penniman	Biology	Water quality assessment of the Oyster River Watershed in Old Saybrook, Essex, and Clinton, CT	4,000
Oscar Perdomo	Mathematical Sciences	Shape of rotating drops	2,400
Irena Pevac	Computer Science	Improved Version of the Tutor for Time Performance Analysis Recursive Algorithms that Uses Simpler Visualization Techniques	3,385
Cynthia Pope	Geography	Lives at Risk: Seeking Reasons and Solutions for the Unexpected Increase in HIV Incidence in Belize, Central America	3,750
Aimee Pozorski	English	"Nessie" in London and Back Again: The Lost Legacy of Sylvia Plath	860
Heather Prescott	History	Finding Common Ground: Feminist Health Activism and Reproductive Health Policy in the United States since the 1980s.	4,817
Krishna Saha	Mathematical Sciences	Hybrid Based Confidence Intervals for the Ratio of Two Treatment Means in the Over-Dispersed Poisson Data	4,000

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Rae Schipke	English	Separation and Schism in the Methodist Church in the 19th Century: An Ecumenical Perspective	3,380
Ravi Shankar	English	Sustaining Drunken Boat, one of the World's Oldest Electronic Journals of the Arts	4,000
Nimmi Sharma	Physics and Earth Sciences	Investigation of Optical Cross Talk in Dual Laser Radar Data	5,000
Robbin Smith	Political Science	The Public Achievement Program and the Development of Youth Civic Engagement: A Longitudinal Study	3,150
Brian Sommers	Geography	Heritage Preservation and the Wooden Synagogues of Rural Lithuania	3,750
Matthew Specter	History	Franco-German Relations in the Ligue des droits de l'homme, 1930-1939	3,760
Ravindra Thamma, Haoyu Wang	Manufacturing and Construction Management	Multiple Projects to Carry Research on Navigational Aids to Predict the Position of Unmanned Guided Vehicles	6,195
Heather Urbanski	English	Resistant Student Writers and College Composition	3,000
Sean Walsh	Physical Education & Human Performance	Physical inactivity: Our Destiny?	3,375
Matthew Warshauer	History	Civil War Connecticut: Conserving the Forlorn Soldier Monument	4,250
Cheryl Watson	Biomolecular Sciences	Do astrocytes release serotonin from vesicles?	4,750
Stephen Watton	Chemistry & Biochemistry	Structural and Functional Studies of Substituted Copper Phenanthroline Complexes	3,750
Jacob Werblow	Teacher Education	Empowering Youth of Incarcerated Parents through Kingian Nonviolence	3,500

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Barry Westcott	Chemistry & Biochemistry	Single-molecule magents of lanthanides complexes with di-2-pyridyl ketone	4,500
Michael Wizevich	Physics and Earth Sciences	Investigation of the Triassic Reptile Trackways Localities of the Emosson area, Switzerland: Insights into the Origin of Dinosaurs	5,000
Kinga Wlodarska	Design	Polish Poster Collection	3,000
Robert Wolff	History	Race, Slavery, and Abolition in the Making of New England Memory	2,746
Rebecca Wood	Psychology	Parents' and Nonparents' Physiological, Emotional, and Perceptual Responses to Infant Crying: Does Age of the Listener Matter?	10,000