

Faculty-Student Grant Awards 2017-2018

Faculty Sponsor(s)	Student Applicant(s)	Department	Project Title	Award
Amaya-Bower, Luz	Matthew Konnik	Engineering	Research, Design, & Prototyping of a Household Water Recycling System	\$ 750.00
Bray, Alicia	Ashley Vasel	Biology	Novel fertilizer application to improve health of greenhouse plants	\$ 750.00
Bray, Alicia	Niklas Lowe	Biology	Collection of Tiphia Wasps in Connecticut for Use in Invasive Japanese Beetle Management	\$ 750.00
Chakraborty, Sourav	Mi Phan	Chemistry and Biochemistry	Carbohydrate Profiling from Complex Plant and Food Matrices	\$ 750.00
Chakraborty, Sourav & Davis, Michael	Cecilia Gutierrez	Chemistry and Biochemistry	A Mechanistic Insight into Bactericidal Activity of Casaicinoids and Flavonoids against a Few Food Borne Pathogens	\$ 750.00
Davis, Michael	Scott Wilmot & Brenden Griffith	Biomolecular Science	Evaluation of Antibiotic Cycling as a Way to Limit Development of Bacterial Antibiotic Resistance	\$ 1,486.00
Hermes, Katherine	Gabriel Benjamin	History	Resistance, Acculturation and Accommodation: Tracing The Brotherton Movement From Connecticut to Wisconsin	\$ 691.00
Johnson, Steven C.	Kyle Frawley & Erick Luise & Joshua Steele	Engineering	Portable Desalination Device	\$ 750.00
Kapper, Martin A.	Amber Gabbert & Adam Tanguay	Biomolecular Science	Phosphorylation of Water Channel Proteins During High-Salinity Adaptation in an Intertidal Mussel	\$ 1,500.00
King, Thomas	Krista Bigiarelli & Erica Negrini & Anthony Renzi & Ondine Fraher	Biomolecular Science	Genetic dissection of the cw region on mouse Chr. 9	\$ 750.00

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King, Thomas	Shauna-Kay Nugent & Juan Samuel-Constanzo	Biomolecular Science	Is the Heph1 gene defective in mutant cw mice?	\$ 750.00
Leong, Chee-Hoi	Zachary Bohling	Physical Education & Human Performance	The Effect of an 8 Week Resistance Training Program on Anterior Pelvic Tilt, Isokinetic Hamstrings to Quadriceps Ratio, and Vertical Jump Performance	\$ 450.00
Marjani, Sadie L.	Savannah Pare	Biology	MarcoH2A expression in bovine cloned embryos	\$ 445.00
Menoche, Charles	Jon Whitin	Music	Composing, Planning, and Organizing a String Quartet	\$ 500.00
Mongillo, Maria B.	David Epstein	Educational Leadership, Policy, and Instructional Technology	Student Self-Assessment: Connecticut Music Teachers' Use and Perceptions	\$ 601.00
Mulrooney, James	Jachius Sterwart & Sidney Eragene	Biomolecular Science	The Cellular Basis of the mutation in cw mice	\$ 650.00
Naoumov, Viatcheslav & Al-Masoud, Nidal	Patrick Ofori & Bikash Regmi & Imouh F. Kamara & Mark R. Conigliaro	Engineering	Hybrid Propellant Rocket Engine Project - Stage VII: Finalizing of the Test Facility Upgrading and Study of Combustion of Bio-Derived Fuels at the Increased Oxygen Supply Pressures	\$ 1,434.00
Oyewumi, Oluyinka	Steven Kennedy	Geological Sciences	Characterization and composition of heavy metals and Polychlorinated Biphenyls (PCB) in estaurine sediment of Housatonic River	\$ 750.00
Westcott, Barry	Leandra Thompson	Chemistry	Analyzing Heavy Metal Contamination Near Old Cobalt Mine in Chatham Connecticut using Handheld XRF	\$ 750.00
Westcott, Barry	Michael Gioia	Chemistry	The Electronic and Magnetic Properties of Lanthanide Compounds	\$ 750.00

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Wizevich, Michael	Abigail Underwood	Geological Sciences	Depositional and Chronostratigraphic Interpretation of the Poison Strip Member of the Cedar Mountain Formation, Utah	\$ 500.00
Wizevich, Michael	Isabelle Kisluk	Geological Sciences	Diagenetic Characterization, Depositional Interpretation, and Chronostratigraphic Placement of Stromatolites Within the Cedar Mountain Formation, Utah	\$ 500.00
			Total Funding	\$ 17,007.00