

2012 Undergraduate Research Awards

Students Supported	Name of Person Submitting	College	Department	Title of Proposal	Total Funded
3	Aspelin, Paul	CLASS	Anthropology	Reconstructing Ohio's Ancient Past One Pot Sherd at a Time	\$ 7,580.00
1	Belovich, Joanne M.	Engineering	Chemical and Biomedical	Transport in Mechanically-Loaded Cortical Bone Tissue	\$ 5,098.00
2	Borner, Valentin	Science & Health	Biological, Geological and	Genes required for chromosome segregation in the germ line	\$ 10,324.00
1	Cory, Stephen C.	CLASS	History	The Fourteenth Century Meets the Twenty First	\$ 4,398.00
1	Espy, Debbie	Science & Health	Health Sciences	Comparison of Responses in Proactive vs. Reactive Balance Control	\$ 5,058.00
1	Galletta, Anne	COEHS	Curriculum and Foundations	Lives in Transition	\$ 2,026.00
2	Gatica, Jorge E.	Engineering	Chemical and Biomedical	Characterization of Heterogeneous Reaction Systems by Thermal Analysis and Mathematical Modeling	\$ 8,596.00
2	Gogonea, Valentin	Science & Health	Chemistry	Understanding the Structure of High Density Lipoprotein	\$ 10,096.00
1	Jenkins, Jacqueline	Engineering	Civil and Environmental	Steering Adaptation in a Driving Simulator	\$ 3,998.00
2	Kothapalli, Chandrasekhar	Engineering	Chemical and Biomedical	Investigating Axonal Biology Using Microfluidic Devices	\$ 9,096.00
1	Krebs, Robert A.	Science & Health	Biological, Geological and	The distribution of the state endangered Eastern Pond mussel	\$ 3,607.00
4	Lammers, Andrew R.	Science & Health	Health Sciences	Stability during tree-climbing locomotion among small mammals	\$ 7,796.00
2	Li, Bibo	Science & Health	Biological, Geological and	Identification of TbTIN2-interacting factors using yeast 2-hybrid screen	\$ 9,577.00
4	Neuendorf, Kimberly	CLASS	School of Communication	FRAMES: Film Research-Advanced Methods for Empirical Study	\$ 10,195.00
2	Saha, Subhra B.	CLASS	Economics	Examining the Benefits of and Limits to Public Transit in American Cities	\$ 7,596.00
1	Shukla, Girish	Science & Health	Biological, Geological and	Structure-Function of U11 and U4atac snRNA in minor splicing pathway	\$ 10,038.00
2	Simon, Dan	Engineering	Electrical & Computer	Noise Removal from Noninvasive Electrocardiograms	\$ 8,096.00

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1	Slifkin, Andrew	Science & Health	Psychology	Visuomotor feedback and age-related changes in the structure of motor output	\$ 3,765.00
3	Souther, Mark	CLASS	History	Curating and Commemorating the City: Research, Oral History, and Mobile Publishing	\$ 10,095.00
3	Streletzky, Kiril A.	Science & Health	Physics	Study of Polypeptide Micelles	\$ 12,428.00
2	Su, Bin	Science & Health	Chemistry	Anti-breast cancer drug screening with 3D spheroid tumor assays	\$ 12,596.00
2	Sun, Xue-Long	Science & Health	Chemistry	Synthesis of Bio-Inspired Thrombomodulin Conjugates as Novel Antithrombotic Agents	\$ 10,596.00
1	Tewari, Surendra N.	Engineering	Chemical and Biomedical	Adhesion, migration, and proliferation behavior of Osteoblast cells on nano-structured titanium alloy implants	\$ 5,098.00
1	Wang, Haodong	Business	Computer and Information Science	A Secure Medical Communication System for Android Smartphones	\$ 3,898.00
2	Wej, Robert	Science & Health	Chemistry	Proteomic approach for investigating biochemical mechanisms of arsenic uptake in <i>Pteris vittata</i> (Chinese brakefern)	\$ 7,929.00
1	Wolin, Julie A.	Science & Health	Biological, Geological and	Harmful Algae and Urban Lake Assessment in Cuyahoga County	\$ 7,640.00
2	Xu, Yan	Science & Health	Chemistry	Undergraduate Research Experiences to Enhance Learning: REEL Program in Analytical and Pharmaceutical Chemistry	\$ 13,596.00
2	Yamamoto, Naohide	Science & Health	Psychology	Roles of afferent and efferent signals in space perception	\$ 7,177.00
2	Yuan, Fasong	Science & Health	Biological, Geological and	Probing Phosphorus Saturation and Bioavailability of Sediments from Lake Erie	\$ 9,586.00
3	Zhao, Wenbing	Engineering	Electrical & Computer	A Low Cost Motion Analysis system based on Kinect	\$ 13,154.00
1	Zurcher, Ulrich	Science & Health	Physics	Orbits in Central Potentials (Galaxies)	\$ 3,165.00
Total					\$ 243,898.00