

## 2017 Undergraduate Summer Research Awards

Faculty Investigator(s)	College	Title of Proposal	Amount Awarded
Deering, Lynn	CLASS	Cultural Exchange - The Creative Fusion of Cuban and Cleveland Dance Artists	\$ 6,048.00
Fuller, Kimberly	CLASS	Bisexuals' Relationships: Satisfaction, Acceptance, and Bisupport	\$ 3,960.00
Grebenyova, Lydia	CLASS	Language and Culture of the Cleveland Slovenian Community	\$ 8,000.00
Bayachou, Mekki	COSHHP	Metal-Decorated Graphene Nanaosheets for Enhanced Proxynitrite Detection	\$ 7,500.00
Bickel, Jessica	COSHHP	Reconstruction Driven Polymer Crystallization	\$ 5,000.00
Dean, Jeffrey	COSHHP	Responses of the African clawed toad to two stimuli separated by a delay	\$ 7,860.00
Espy, Debbie	COSHHP	Validation of the Rate of Perceived Stability Scale	\$ 7,620.00
Heus, Thijs/Ryan, Shawn	COSHHP	Modeling the shape and size of cumulus clouds	\$ 7,560.00
Li, Bibo	COSHHP	Expression of recombinant TbTPP1 for in vitro telomerase activity analysis	\$ 8,000.00
Naser, Shereen/Goncy, Elizabeth	COSHHP	A Survey of Youth After School Programs in the Greater Cleveland Area	\$ 7,772.00
Rauschert, Emily	COSHHP	The role of mycorrhizal colonization in the success of an Invasive plant, lesser celandine	\$ 6,240.00
Reinthal, Ann	COSHHP	Moving multi-directional harnessed balance training from the clinic to the community: harnesses in a community garden	\$ 7,550.00
Sam-Yellowe, Tobili	COSHHP	Identification of Colpodella proteins by immunoproteomics and 2-D gel electrophoresis	\$ 7,803.00
Shukla, Girish	COSHHP	Identification of Novel Biomarkers of drug resistance via transcriptome analysis of PCa tumors	\$ 7,824.00
Smith, Albert F.	COSHHP	Continuing Investigation of Holistic Aspects of Word Perception	\$ 5,810.00
Streletzky, Kiril/Fodor, Petru	COSHHP	Electron Microscopy and Light Scattering Characterization of Microgels Under Dynamic Temperature Conditions	\$ 7,980.00
Su, Bin	COSHHP	Identification of selective anti-trypanosomiasis drugs from current existing medicines	\$ 6,000.00
Sun, Xue-Long	COSHHP	Profiling and Modulating Cell Surface Sialylation Status of Macrophage and Its Activities	\$ 8,000.00
Vitali, Jacqueline	COSHHP	Structural Studies of an Archaeal Dihydroorotase	\$ 4,830.00
Weyman, Crystal	COSHHP	Novel cell cycle regulation of the pro-apoptotic protein PUMA	\$ 7,800.00
Whitford, Maureen	COSHHP	The Influence of Reaching Task Requirements on Choice of Arm Use in Healthy Controls	\$ 4,343.75
Yaroslavsky, Ilya	COSHHP	Adaptive Emotion Regulation and Depression Risk: A mechanism study	\$ 8,000.00
Yuan, Fasong	COSHHP	Changes in Sulfur and Oxygen Isotope Compositions of Dissolved Sulfate in Western Lake Erie	\$ 7,980.00
Zhou, Aimin	COSHHP	The role of RNase L in the immune system	\$ 8,000.00
Fodor Petru/Kothapalli, Chandra	COSHHP/ENG	Development of micromixer-based chemical reactors	\$ 7,930.00
Genevese, Jeremy/Sparks, Kenneth/Wajda, Doug	Education	An Investigation into the Effectiveness of Brief Guided Meditation	\$ 7,020.00
Huang, Grace/Lam, Eddie T.C./Gove, Mary	Education	The impact of Confucianism on Asian Descendant Parenting Practices and Children's Academic Performance	\$ 6,377.50
Kullman, Emily/Fondran, Kristine, Sparks, Kenneth	Education	Go Skate! The Physiological Responses and Perception of Training on Inline Skates	\$ 7,636.00
Lam, Eddie T.C./Sparks, Kenneth	Education	Cardiorespiratory Responses and Dynamic Balance Between the Simply Fit Board and the Ab Rocket Twister	\$ 7,884.16
Ao, Geyou	ENG	Preparation and Separation of DNA-Wrapped Boron Nitride Nanotubes	\$ 6,780.00
Chu, Pong	ENG	Connected FPGA Thermal Monitoring	\$ 4,230.00
Gatica, Jorge	ENG	Plastic Waste to Energy via Chemical Reactions in Multiphase Environments	\$ 7,386.00
Halloran, Jason/Kothapalli, Chandra	ENG	Incorporation of a Load Cell into a Mechanical Loading Frame for Microfluidics	\$ 6,615.00
Lee, Moo-Yeal	ENG	Assessment of Metabolism-Induced Liver Toxicity On a 384-Pillar Plate	\$ 8,000.00
Schearer, Eric	ENG	Control of Paralyzed Arms in Stiff and Damped Environments	\$ 7,452.00
Tewari, Surendra	ENG	Spurious grain formation due to convection at cross-section-changes during directional solidification	\$ 5,280.00
Zhang, Wei	ENG	Development of a Flexible and Cost-effective Wind Test System Using a Hovering Drone	\$ 7,560.00
Belovich, Joanne/Xu, Yan	ENG/COSHHP	Effect of salt content on lipid profile of Scenedesmus dimorphus	\$ 8,000.00
Holland, Nolan/Streletzky, Kiril	ENG/COSHHP	Characterizing Anisotropy in Elastin-like Polypeptide Nanoparticles	\$ 8,000.00
Wirth, Chris/Bickel, Jessica	ENG/COSHHP	Scalable Assembly of Anisotropic Nanoparticles onto Templated Substrates	\$ 5,950.00
Zhao, Wenbing/Liu, Xiongyi	ENG/EDU	BUDDY: A Virtual Reality Based Computer System for Children with Autism Spectrum Disorders	\$ 8,000.00
		<b>TOTAL</b>	<b>\$ 287,581.41</b>