

Undergraduate Research Grant Awardees - Spring 2016

FACULTY NAME	STUDENT NAME	DEPT	COLLEGE	PROPOSAL TITLE
Ross, Susan	Murray, Shannon	Health Sci & Rec	Applied Science and Arts	Effects of Sensory Stimulation Types Among Children in a PVS.
Shifflett, Bethany	Cuevas, Marisa	Kinesiology	Applied Science and Arts	Conference Planning & Research Presentation.
Ta, Van	Suen, Joyce	Health Sci & Rec	Applied Science and Arts	K-Drama: A population-based intervention tool for college-aged students?
Ta, Van	Win, Kaythi	Health Sci & Rec	Applied Science and Arts	K-Drama: A population-based intervention tool for college-aged students?
Wang, Wen-Ya	Basole, Samanvitha	Mktg & Dec Sci	Business	On Evaluating the Impact of Emergency Department Patient Flow Designs.
Keles, Ozgur	Fok, Daniel	BCME	Engineering	Heat treatment and characterization of zirconia.
Keles, Ozgur	Macias, David	BCME	Engineering	Production of tetragonal ZrO ₂ via NaBH ₄ Synthesis.
Kim, Youngsoo	Shahdoost, Hossein	Electrical Eng	Engineering	Histogram Oriented of Gradient (HOG) for Face Detection on FPGAs.
Nathan-Roberts, Dan	Cataldo, Michael	Ind & Syst Eng	Engineering	Understanding Patient Goals to Optimize CHF Patient Care.
Nathan-Roberts, Dan	Yuksel, Irem	Ind & Syst Eng	Engineering	Effects of company benefits on employees overall health outcomes.
Park, Younghee	Itkin, Mason	Comp Eng	Engineering	Wide Area Network for UAV Flight Control using the SDN Model.
Turkoglu, Kamran	Torres, Santino	Aerospace Eng	Engineering	Autonomous Vertical Take-Off Vehicle as Teaching & Rsearch Platform
Blisniuk, Kimberly	McEvers, Megan	Geology	Science	Deciphering the geologic & aerial landscape of Mars: New techniques in interplanetary exploration.
Brook, David	Nguyen, Ashley	Biochemistry	Science	Linking Bistable Verdazyls Using Metal Ions and an Organic Linkage.
Cheruzel, Lionel	Shalan, Hadil	Chemistry	Science	Substituent Effects on the Photocatalytic Activity of Hybrid P450 Enzymes.
Chiao, Sen	Burrows, Erica	Meteorology	Science	Aerosol Impacts on Fog in the San Francisco Bay Area.
Chiao, Sen	Hodge, Sabrina	Meteorology	Science	Effect of Post-Precipitation on Air Pollutants Repopulating.
Khatami, Ehsan	Casebolt, Maxwell	Physics & Astro	Science	Visualizing dynamics of micromagnetic systems.
Khatami, Ehsan	Mulanix, Michael	Physics & Astro	Science	Effect of non-local interactions on the properties of an electronic system.

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Miller Conrad, Laura	Choi, Lapto (Ken)	Chemistry	Science	Blocking quorum sensing to inhibit resistance to CAPs.
Miller Conrad, Laura	Vega, Nathan	Chemistry	Science	Development of an enrichable photoaffinity label for a pyocyanin target.
Paul, Cassandra	Hartman, Kevin	Physics & Astro	Science	Categorizing Teaching Assistant interactions in physics lab classrooms.
Romanowsky, Aaron	Cunningham, Devin	Physics & Astro	Science	Searching for supermassive black holes in ultra-compact galaxies.
Romanowsky, Aaron	Dixon, Christopher	Physics & Astro	Science	The search for active galactic nuclei in compact stellar systems.
VanHoven, Miri	Duong, Huy Alex	Bio Sciences	Science	An Investigation of the Maintenance of Synaptic Integrity
VanHoven, Miri	Magallanes, Khristina	Bio Sciences	Science	An Investigation of the Role of SCOCO in Neural Circuit Formation.
VanHoven, Miri	Tran, Alan	Bio Sciences	Science	Understanding the Neural Circuitry underlying Threat Perception.
Wilkinson, Katie	Abtahie, Adam	Bio Sciences	Science	Effect of high fat diet on female afferent stretch response.
Wilkinson, Katie	Damani, Milind	Bio Sciences	Science	The Effects of Bradykinin on Muscle Afferents in Adult Mice.
Wilkinson, Katie	Gandhi, Meera	Bio Sciences	Science	Local Effect of Reactive Oxygen Species on Muscle Spindle Afferents.
Wilkinson, Katie	Hamisch, Arthur	Bio Sciences	Science	Local Effect of Exercise-Released Metabolites on Muscle Spindle Afferent.
Wilkinson, Katie	Sanghera, Puneet	Bio Sciences	Science	Effects of Inflammation on Muscle Stretch Receptors in Female Mice.
Wolcott, Abraham	Tran, Polo	Chemistry	Science	Using Surface Science to Probe Flourescent Nanodiamonds for Biodetection.
Faas, A.J.	Diaz, Briza	Anthropology	Social Science	Economic Discourses & Enduring Cooperation in Post-Disaster Ecuador.