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| Project Leader | Department | Project Title | Awarded Total |
| Roberto Aspholm | College of Arts and Sciences  | Street Gangs and Violence in the St. Louis Area: An Ethnographic Exploration  | $11,310 |
| Sarah Conoyer | School of Education, Health and Human Behavior | Monitoring Students’ Progress in Science Vocabulary: Development of the PASCAL system | $15,996 |
| Maria Fernandez del Valle | School of Education, Health and Human Behavior | Effects of Exercise on Cardiac Fat and Function: The Role of Exercise Mode | $16,000 |
| Chaya Gopalan | School of Education, Health and Human Behavior | Exploration of the Regulation of Sex Differentiation | $16,000 |
| Guim Kwon | School of Pharmacy | Prediction of Blood Glucose Levels Using Artificial Neural Network in Diabetic Rats | $15,944 |
| Danielle Lee | College of Arts and Sciences | Examining Field Mice Functional Traits, Behavior & Zoonotic-Vector Risk Across Urban Gradients Over Time | $16,000 |
| Jun Liu | College of Arts and Sciences | Numerical Algorithms for PDE Dynamical Models of Metastatic Cancers | $6,283 |
| Adriana Martinez | College of Arts and Sciences | Landscape Change and Topographic Monitoring in an Estuarine System: Tijuana River Estuary, San Diego, CA  | $11,247 |
| Bill Neumann | School of Pharmacy | Synthetic Studies of Benzo[e]indole Analogues: Total Synthesis of Cycloclavine | $15,616 |
| Monica Rieth | College of Arts and Sciences | Investigating the Molecular/Structural Characteristics of G-protein Coupled Receptor Expression in Saccharomyces cerevisiae | $10,831 |
| Kevin Tucker | College of Arts and Sciences | Exploration of Antibiotics in Soil: Method Development and Site Study | $15,670 |
| Fengxia Wang | School of Engineering | Self-Powered Wireless Sensor and Wireless Data Transmission via Micro-Scale Piezoelectric Energy Harvesting based on Frequency-up-Conversion | $15,202 |
| Josh Wooten | School of Education, Health and Human Behavior | Role of AMPK Activation on Hepatic Cholesterol Homeostasis and BAMBI Induction | $16,000 |
| Nima Lotfi Yagin | School of Engineering | Electrochemical Model-based Fault Diagnostics for Internal Short Circuit Detection in Li-ion Batteries | $14,780 |
| Kyong-Sup Yoon | College of Arts and Sciences  | Do Sublethal Exposures to Imidacloprid Alter Glucose Homeostasis and Exacerbate Diet-Induced Obesity and Insulin Resistance in Drosophilia Melanogaster? | $14,996 |