

2013-2014 LARGE GRANTS

Scott Dawson, Associate Professor
Microbiology and Molecular Genetics

Proposal Title: In vivo optical imaging of attachment mutants of the widespread parasite Giardia
\$18,880.00

Elva Diaz, Associate Professor
SOM: Pharmacology

Proposal Title: Novel role of SynDIG1 in Schizophrenia
\$25,000.00

Nobuko Hagiwara, Associate Professor
SOM: Internal Medicine

Proposal Title: Remodeling skeletal muscle using the E3 ubiquitin-ligase Trip12
\$25,000.00

Bo Liu, Professor
Plant Biology

Proposal Title: Discovering novel proteins that regulate cellulose biosynthesis in flowering plants
\$25,000.00

Kenneth Loh, Assistant Professor
Civil and Environmental Engineering

Proposal Title: Self-Sensing Smart Tarmacs and Pavements
\$12,519.00

Nitin Nitin, Assistant Professor
Food Science and Technology

Proposal Title: Phage-nanophotonic biosensing platform for rapid, point of use detection of food borne pathogens
\$23,403.00

Marianne Page, Professor
Economics

Proposal Title: Understanding the Long Term Effects of Growing up in a Recession
\$24,955.00

Saul Schaefer, Professor
SOM: Internal Medicine

Proposal Title: TSPO Regulates Mitochondrial Calcium Entry through VDAC
\$21,883.00

Justin Siegel, Assistant Professor
Chemistry/SOM: Biochemistry and Molecular Medicine

Proposal Title: Integrating Research and Education to Develop Novel Tools for Enzyme Engineering
\$24,979.00

Andrea Townsend, Assistant Professor
Wildlife, Fish and Conservation Biology

Proposal Title: Urban cow roosts and the introduction, amplification, and overwinter persistence of West Nile Virus
\$15,000.00

Brian Trainor, Associate Professor
Psychology
Proposal Title: MicroRNAs, stress, and the neurotrophin hypothesis of depression
\$20,555.00

Cecilia Tsu, Assistant Professor
History
Proposal Title: Imagined Invasions: Constructions of Asian Dominance in California and Hawaii, 1900-1940
\$12,000.00

Michael Turelli, Professor
Evolution and Ecology
Proposal Title: Evolution of interactions between Wolbachia and its hosts: Drosophila model systems
\$15,000.00

Paul Ullrich, Assistant Professor
Land, Air and Water Resources
Proposal Title: The Influence of Anthropogenic Forcing on Global Extreme Heat Events
\$13,496.00

Huaijun Zhou, Assistant Professor
Animal Science
Proposal Title: Genetic resistance to *Salmonella* colonization and persistence in the chicken, a systems biology approach
\$21,500.00