

## **2008-2009 LARGE GRANTS**

Chia-ning Chang, Professor  
East Asian Languages & Cultures  
Proposal title: Transnationality, Nationalism, and Film Production in Japan-Occupied Manchuria (1931-45): The Life of Yamaguchi Yoshiko  
\$19,892.00

Caroline Chantry, Associate Professor  
Medicine  
Proposal title: Protein Bioactivity in Flash-heated HIV-infected Breast Milk  
\$23,000.00

Frederic Chedin, Assistant Professor  
Molecular & Cellular Biology  
Proposal title: Induction of epigenetic defects by elevated lipid levels in embryonic stem cells  
\$23,000.00

Shirley Chiang, Professor  
Physics  
Proposal title: Probe-Based Localized Synthesis of Semiconductor Nanowires  
\$23,000.00

Nael El-Farra, Assistant Professor  
Chemical Engineering & Materials Science  
Proposal title: Control and Optimization of Hybrid Biological Networks  
\$23,000.00

Scott Gartner, Professor  
Political Science  
Proposal title: Suicide & Fraggling: Performance Assessment & Dysfunction in War  
\$23,000.00

Simona Ghetti, Assistant Professor  
Psychology  
Proposal title: Neural Substrates of Memory and Learning Deficits in Children with Type-1 Diabetes  
\$23,000.00

Samantha Harris, Assistant Professor  
Neurobiology, Physiology, and Behavior  
Proposal title: Molecular mechanisms of disease in a novel UC Davis feline model of hypertrophic cardiomyopathy  
\$23,000.00

Tessa Hill, Assistant Professor  
Geology  
Proposal title: Assessing impacts of ocean acidification on shoreline communities  
\$23,000.00

Delmar Larsen, Assistant Professor

Chemistry

Proposal title: Relating Morphology to Ultrafast Kinetics in Bulk-Heterojunction Photovoltaics

\$23,000.00

Noelle L'Etoile, Assistant Professor

Center for Neuroscience

Proposal title: Genetically malleable *C. elegans* neural circuits cultured in microfluidic devices

\$23,000.00

Kai Liu, Associate Professor

Physics

Proposal title: Ultrafast Switching Dynamics in Nanomagnet Arrays

\$23,000.00

Rebecca Parales, Associate Professor

Microbiology

Proposal title: Development of Genetic Tools for the Analysis of Lignocellulose Degradation

\$23,000.00

Jared Shaw, Assistant Professor

Chemistry

Proposal title: Bacterial Cell Division: A New Target for Curing Infectious Disease

\$23,000.00

Kenneth Verosub, Professor

Geology

Proposal title: Global and Regional impacts of the 1600 Eruption of Huaynaputina Volcano, Peru

\$23,000.00