

## November 2008 Contract and Grant Awards

Airame, S., Gaines, S. (Ecology, Evolution & Marine Biology), Marine Science Institute, \$29,613, Resources Legacy Fund Foundation, "Communicating The First Five Years of Monitoring Channel Islands Marine Protected Areas."

Awschalom, D.D. (Physics), California NanoSystems Institute, \$1,250,000, Cornell University, "Electrical Control of Magnetic Dynamics in Hybrid Metal-Semiconductor Systems."

Awschalom, D.D. (Physics), California NanoSystems Institute, \$75,000, University of Virginia, "Coherent Spin Dynamics in Single Ion Doped Semiconductors: Towards a Coherent or Quantum Spin Switch."

Blau, S.D. (Gevirtz Graduate School of Education), Gevirtz Graduate School of Education Research Office, \$82,510, UC California Writing Project, "South Coast Writing Project."

Briggs, C.J. (Ecology, Evolution & Marine Biology), Marine Science Institute, \$9,999, SRS Technologies, "Detection and Quantification of *Batrachochytrium dendrobatidis* in Amphibians at Vandenberg Air Force Base."

Cabezon, J. (Religious Studies), Interdisciplinary Humanities Center, \$30,000, Shelley and Donald Rubin Foundation, "Enhancing Undergraduate Tibetan-Himalayan Undergraduate Studies at UC Santa Barbara: Rubin Foundation Grant, Year 2 (2008-2009)."

Chmelka, B.F., Chemical Engineering, \$95,000, Amberwave Systems Corporation, "Fundamental Research and Engineering of Mesoporous and Nanocomposite Materials for Energy Generation, Conversion and Storage."

Colbert, D. (Electrical & Computer Engineering), Donald Bren School of Environmental Science & Management, \$15,000, UC Discovery Grant-Multidisciplinary Research, "International Seminar on Energy and Resource Productivity."

Comanor, W.S. (Economics), Institute for Social, Behavioral, & Economic Research, \$38,672, UC Los Angeles, "Developing a World-Wide Fair Drug Pricing Program for Pharmaceuticals."

Dudley, T.L., Kuris, A.M. (Ecology, Evolution & Marine Biology), Marine Science Institute, \$118,627, UC Sea Grant College Program, "Development of Biological Control for the New Zealand Mud Snail."

Goulias, K.G., Geography, \$39,936, UC Transportation Center (Berkeley), "Group Behavioral Process Identification in the Interaction Between Location Choice and Travel Behavior."

Herbst, D.B., Marine Science Institute, \$18,270, Kern Community Foundation, "Aquatic Restoration in Upper Kern River of Sequoia National Park."

Kaminsky, I.D., Downing, E., Student Health Service, \$299,882, Department of Education, "Preventing High-Risk Drinking Among First-Year Students Through UCSB's College Alcohol and Substance Education Program."

Keller, A.A., Holden, P.A. (Donald Bren School of Environmental Science & Management), Institute for Computational Earth System Science, \$7,076,282, UC Los Angeles, "CEIN-Predictive Toxicological Assessment and Safe Implementation of Nanotechnology in the Environment."

Leifer, I.S., Marine Science Institute, \$61,159, Texas A&M University, "Remote Sensing and Sea-Truth Measurements of Methane Flux to the Atmosphere from Near-Surface Gas Hydrates in Continental Margins."

Madhow, U., Rodwell, M.J., Electrical & Computer Engineering, \$500,000, National Science Foundation, "XPLR: Multi-Gigabit Millimeter Wave Mesh Networks: Cross-Layer Design and Experimental Validation."

Marin-Spiotta, E., Chadwick, O.A., Geography, \$5,000, National Science Foundation, "Sources and Fate of Dissolved Organic Matter in Wet Tropical Forest Volcanic Soils."

Marston, J.R. (Geography), Institute for Social, Behavioral, & Economic Research, \$51,019, Smith-Kettlewell Eye Research Institute, "Fundamental Issues in Wayfinding Technology."

Meinhold, P.R., Physics, \$1,308,102, Jet Propulsion Laboratory, "Remote and On-Site Support for LFI Integration and Test, US Planck Internal Advisory Board and Planck Data Analysis 2005."

Odette, G.R. (Mechanical Engineering), Chemical Engineering, \$40,000, Battelle Memorial Institute, "Characterization of the Microstructures and Mechanical Properties of Advanced Structural Alloys for Radiation Service: A Comprehensive Library of ATR Irradiated Alloys and Specimens."

Rodwell, M.J., Palmstrom, C., Electrical & Computer Engineering, \$540,000, Navy, "In Situ and Coherent Metal-Semiconductor Interfaces by MBE."

Spaldin, N.A., Materials, \$300,000, Penn State University, "MRSEC: Center for Nanoscale Science."

Wang, L., Electrical & Computer Engineering, \$25,000, Intel Corporation, "Design-Silicon Timing Correlation: Methods and Applications."

Wang, L., Electrical & Computer Engineering, \$7,792, UC MICRO, "Design-Silicon Timing Correlation: Methods and Applications."

Wilkinson, R.C., Donald Bren School of Environmental Science & Management, \$33,000, UC California Institute for Energy Efficiency, "Embedded Energy in Water Studies RFP No. Cp1-007-08."

Data provided by the Office of Research. “()” represent investigators’ home departments when those are different from the administering unit.