

## March 2009 Contract and Grant Awards

Akulov, D.A., Hasegawa, T., History, \$18,000, UC Institute on Global Conflict & Cooperation, "Soviet Foreign Policy During the Second World War: Cooperation and Conflict with the Western Allies, 1941 - 1943."

Archuleta, R.J. (Earth Science), Institute for Crustal Studies, \$73,921, Department of Interior, "Strong Ground Motions in Salt Lake City and Other Metropolitan Areas From Large Earthquakes on the Wasatch Fault."

Belkin, A. (Political Science), Institute for Social, Behavioral, & Economic Research, \$75,000, Evelyn and Walter Haas, Jr. Fund, "The Michael Palm Center."

Cardinale, B.J. (Ecology, Evolution & Marine Biology), Marine Science Institute, \$389,496, National Science Foundation, "Collaborative Research: Does Productivity Drive Diversity or Vice Versa? Empirical and Theoretical Investigations of the Multivariate Productivity-Diversity Hypothesis in Streams."

Carlson, C.A. (Ecology, Evolution & Marine Biology), Brzezinski, M.A., Marine Science Institute, \$689,579, National Science Foundation, "Mechanisms Controlling the Production and Fate of DOM During Diatom Blooms."

Dowdy, E. (Counseling, Clinical, and School Psychology), Gevirtz Graduate School of Education Research Office, \$34,746, Georgia State University, "Georgia State University Subcontract: Development and Validation of a Screener for Behavioral & Emotional Problems in Elementary and Middle Schools."

Dugan J.E., Wenner, A.M. (Ecology, Evolution & Marine Biology), Marine Science Institute, \$66,895, UC Sea Grant College Program, "Beaches as Threatened Ecosystems: An Evaluation of Status and Trends in the Ecology of California's Sandy Beaches."

Dugan, J.E., Page, H.M., Marine Science Institute, \$49,954, California Department of Parks and Recreation, "Evaluating Approaches to Enhancing Prey Resources for Nesting Shorebirds on Sandy Beaches."

Fleishman, E., Marine Science Institute, \$73,751, USDA Forest Service, "Applying Population Ecology to Strategies for Eradicating Invasive Forest Insects."

Greenberg, D.B., McClintock, W.J., Marine Science Institute, \$15,665, Heal the Ocean Inc., "Spatial Patterns of Wastewater Discharge and Coastal Pollution in California."

Hawker, C.J. (Materials), Materials Research Laboratory, \$25,000, Camille & Henry Dreyfus Foundation, "Materials Research Facilities Network (MRFN): A National Research and Education Resource for the STEM Disciplines."

Heeger, A.J. (Physics), Center for Polymers & Organic Solids, \$700,000, National Science Foundation, "Opportunities and Challenges in the Field of Semiconducting (Conjugated) Polymers."

Heintz, M.B. (Earth Science), Valentine, D.L. (Earth Science), Marine Science Institute, \$20,000, National Academy of Sciences, "Biological Control on the Flux of Methane from Marine Hydrates to the Atmosphere: A Research Plan."

Kosik, K. (Molecular, Cellular & Developmental Biology), \$113,631, University of Iowa, "RNAi for Dominant Neurological Disease."

Lubin, P.M. (Physics), Institute for Terahertz Science & Technology, \$62,000, Jet Propulsion Laboratory, "Planck Educational and Public Outreach Effort at UCSB."

McFadden, J. (Geography), Institute for Computational Earth System Science, \$28,950, University of Minnesota, "Controls on Urban/Suburban Carbon and Water Fluxes."

Meinhart, C.D. (Mechanical Engineering), Moskovits, M. (Chemistry & Biochemistry), Institute for Collaborative Biotechnologies, \$300,000, Army, "SERS Detection for Explosives Vapor."

Mezic, I., Mechanical Engineering, \$100,000, Lawrence Livermore National Security, LLC, "Design of a Frequency Controlled Dielectrophoretic Filter."

Morse, D.E. (Molecular, Cellular & Developmental Biology), Institute for Collaborative Biotechnologies, \$60,000, Army, "Institute for Collaborative Biotechnologies - Task 12: USACE BioNetwork."

Morse, D.E. (Molecular, Cellular & Developmental Biology), Doyle, F.J. (Chemical Engineering), Institute for Collaborative Biotechnologies, \$1,221,424, Army, "Institute for Collaborative Biotechnologies - Task Order 4."

Morse, D.E. (Molecular, Cellular & Developmental Biology), Doyle, F.J. (Chemical Engineering), Institute for Collaborative Biotechnologies, \$955,084, Army, "Institute for Collaborative Biotechnologies - Task Order 5."

Moscarello, J.M., Ettenberg, A., Psychology, \$63,399, National Institute of Drug Abuse, "Dopamine Terminal Regions Interact as a Function of Motivation and Reinforcement."

Odette, G.R., Mechanical Engineering, \$99,500, Los Alamos National Security, LLC, "Improved Processing and Fabrication of Advanced, Radiation-Tolerant ODS Steels."

Odette, G.R., Mechanical Engineering, \$40,000, Oak Ridge National Laboratory, "Characterization of the Irradiation and Low Temperature Annealing Response of Three Pressure Vessel Steels for Conditions Ranging From Low to Very High Flux."

Putinar, M., Mathematics, \$15,000, National Science Foundation, "Multivariate Operator Theory."

Rumberger, R.W. (Education), Gevirtz Graduate School of Education Research Office, \$61,538, University of Rochester, "Examining the Effectiveness of Scaling Up the First Things First Reform."

Schooler, J., Psychology, \$34,606, Bial Foundation (Portugal), "Seeing into the Future: Temporally Reversed Implicit Perceptual Priming."

Sherwin, M. (Physics), Institute for Terahertz Science & Technology, \$17,000, National Science Foundation, "Education and Outreach through Optical Terahertz Science and Technology Workshop."

Steigerwald, D.G. (Economics), Institute for Social, Behavioral, & Economic Research, \$237,268, National Science Foundation, "REU Site: The Economics Summer Training Program at UC Santa Barbara."

Stucky, G.D. (Chemistry & Biochemistry), California NanoSystems Institute, \$14,265, GRT, Inc., "Selective Conversion of Natural Gas and Biogas to Liquids."

Teel, A.R., Electrical & Computer Engineering, \$336,938, Air Force, "Complex Dynamical Behavior in Hybrid Systems."

Tirrell, M. (College of Engineering), Chemical Engineering, \$37,240, University of Texas-San Antonio, "Peptide-Amphiphile Biomimetics for Targeted Therapies."

Voss, L.B., Orfalea Family Children's Center, \$3,471, California Child Development Division, "2008-2009 CDE Renovation & Repair Award."

Voss, L.B., Orfalea Family Children's Center, \$1,569, California Department of Education, "California Department of ED Instructional Materials."

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