

May 2009 Contract and Grant Awards

Antonucci, R.R., Physics, \$17,450, Jet Propulsion Laboratory, "Evolution of Compact Quasars and Radio Galaxies."

Barber, M.C., Moure, K.J., History, \$3,000, UC Berkeley Institute of European Studies, "Students in the Streets: The Politics of Protest in Vichy France."

Belkin, A. (Political Science), Institute for Social, Behavioral, & Economic Research, \$25,000, David Bohnett Foundation, "Research, Communications, and Military Outreach."

Bowers, J.E., Electrical & Computer Engineering, \$88,000, Massachusetts Institute of Technology, "Remote Micropower Generators."

Colbert, D., Electrical & Computer Engineering, \$15,000, UC Discovery Grant-Multidisciplinary Research, "Santa Barbara Summit on Energy Efficiency."

Geyer, R. (Donald Bren School of Environmental Science & Management), Institute for Social, Behavioral, & Economic Research, \$70,000, California Environmental Protection Agency Toxic Substances Control, "Alternatives Analysis for California's Green Chemistry Initiative."

Goodchild, M.F., Geography, \$149,454, National Science Foundation, "Collaborative Research: A GIScience Approach for Assessing the Quality, Potential Applications, and Impacts of Volunteered Geographic Information."

Goulias, K.G., Geography, \$1,041,792, Southern California Association of Governments, "SCAG Activity-Based Travel Demand Model Development: Development of SIMAGENT."

Hofmann, G.E. (Ecology, Evolution & Marine Biology), Marine Science Institute, \$19,619, National Science Foundation, "A Proposal for a Workshop on Global Environmental Change & Biological Evolution in the Ocean."

Lapointe, N., Wilson, L. (Molecular, Cellular & Developmental Biology), Neuroscience Research Institute, \$120,000, Santa Barbara Foundation, "Mechanism of Inhibition of Endothelial Cell Migration by Microtubule Targeted Drugs."

Low, D.A., Aoki, S.K., Molecular, Cellular & Developmental Biology, \$55,000, Santa Barbara Foundation, "CdiA (CT)-Mediated Growth Inhibition in Escherichia coli."

Mezic, I., Mechanical Engineering, \$49,853, Sandia National Laboratories, "Behavioral Analysis of Dynamic Systems: Continuous and Discrete Non-Linear Analysis."

Mitragotri, S.S., Chemical Engineering, \$107,870, Seventh Sense Biosystems, "Microparticles as Biosensors."

Morse, D.E. (Molecular, Cellular & Developmental Biology), Doyle, F.J. (Chemical Engineering), Institute for Collaborative Biotechnologies, \$100,000, Army, "Institute for Collaborative Biotechnologies - Task 13: "Bio-Inspired Approaches to Electrodes of Nanostructures and Multifunctions for Electrochemical Power Sources" (MIT/Belcher)."

Nayak, C., Physics, \$445,399, University of Maryland, "Topological Quantum Entanglement."

Schmitt, R.J. (Ecology, Evolution & Marine Biology), Holbrook, S.J. (Ecology, Evolution & Marine Biology), Marine Science Institute, \$150,000, National Science Foundation, "RAPID: Resilience of Coral Reef Ecosystems."

Scott, S.L., Chemical Engineering, \$100,000, American Chemical Society, "PGM-Substituted Complex Oxide Catalysts for Selective Hydrocarbon Transformations."

Seubert, D.C., Davidson Library, \$20,000, Grammy Foundation, "Cylinder Preservation and Digitization Project."

Smith, R.S. (Electrical & Computer Engineering), Dinh, H. (Mechanical Engineering), Materials Research Laboratory, \$10,000, Metropolitan Water District of Southern California, "A Holistic Approach to Education and Technology Transfer and a Plan for Sustainable Regional Expansion of Knowledge by Training Local Experts in the Southern Andes of Peru."

Speck, J.S., Van De Walle, C.G., Materials, \$452,837, National Science Foundation, "Structure and Properties of AlN and InN Surfaces and Defects."

Stucky, G.D. (Chemistry & Biochemistry), California NanoSystems Institute, \$187,000, UC Discovery Grant-Multidisciplinary Research, "Selective Conversion of Natural Gas and Biogas to Liquids."

Stucky, G.D. (Chemistry & Biochemistry), California NanoSystems Institute, \$187,000, GRT, Inc., "Selective Conversion of Natural Gas and Biogas to Liquids."

Whitmer, A.C., Marine Science Institute, \$2,197,415, Colorado State University, "MSP: Culturally Relevant Ecology, Learning Progressions, and Environmental Literacy."

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