

PROPOSALS SUBMITTED IN FISCAL YEAR 2009

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
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Agriculture, Food & Env Sciences

Agribusiness

AMSPACHER, WILLIAM	Economic Analysis of Sustainable Waste Management in the Craft Beer Industry U.S. DEPT OF AGRICULTURE VIA WESTERN SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION 09-313	\$20,347	9/1/09 - 8/31/10
HAMILTON, LYNN NOEL, JAY	Solar and Wind Energy Adoption in California Agriculture CSU - AGRICULTURAL RESEARCH INITIATIVE 09-167	\$26,306	7/1/08 - 6/30/09
JAMES, JENNI	Pack Family/PMA Career Pathways - Fresh Summit Conference PRODUCE MARKETING ASSOCIATION EDUCATION FOUNDATION 09-278	\$2,285	2/1/09 - 11/30/09
MCCORKLE, ROBERT	U.S. Peace Corps On-campus Recruiter 2009-10 U.S. PEACE CORPS 09-282	\$15,855	10/1/09 - 9/30/10
NICHOLSON, CHARLES	Development of Modeling Approaches to Support California's Dairy Industry CSU - AGRICULTURAL RESEARCH INITIATIVE 10-140	\$4,650	11/1/09 - 10/31/10
NOEL, JAY QENANI-PETRELA, EIVIS	An Analysis of Migration and Direct Foreign Investment of California and Arizona Fruit and Vegetable Firms into Latin America WESTERN GROWERS ASSOCIATION 09-022	\$34,086	7/1/08 - 11/30/08
NOEL, JAY HURLEY, SEAN	The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the California Specialty Crop Industry CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 09-182	\$200,000	7/1/09 - 6/30/12
NOEL, JAY HURLEY, SEAN	The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the California Specialty Crop Industry U.S. DEPT OF AGRICULTURE (AMS) VIA CSU FRESNO 09-203	\$30,000	9/1/09 - 8/31/11
NOEL, JAY	A Multistate Comparison of Agricultural Regulatory Rules and Compliance Costs CSU - AGRICULTURAL RESEARCH INITIATIVE VIA CSU FRESNO 09-228	\$32,000	3/1/09 - 5/31/10
NOEL, JAY HURLEY, SEAN	The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the California Specialty Crop Industry U.S. DEPT OF AGRICULTURE VIA CA DEPT OF FOOD AND AGRICULTURE 09-257	\$167,134	10/1/09 - 9/30/11
SCHROETER, CHRISTIANE	Developing a Business Model for A Campus Farmers Market: A Pioneer Study at Cal Poly U.S. DEPT OF AGRICULTURE (AMS) 09-191	\$45,613	9/1/09 - 8/31/11
SCHROETER, CHRISTIANE	Developing a Business Model for A Campus Farmers Market: A Pioneer Study at Cal Poly U.S. DEPT OF AGRICULTURE (AMS) 09-248	\$99,998	10/1/09 - 9/30/11

Animal Science

BURD, MATTHEW	Bone Density Measurement via Radiographic Calibration U.S. DEPT OF AGRICULTURE (CSREES) VIA CSU AGRICULTURAL RESEARCH INITIATIVE 09-256	\$61,609	7/1/09 - 6/30/11
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<u>Animal Science</u>			
DELMORE, ROBERT	Beef Shelf-life Fact Sheet NATIONAL CATTLEMEN'S BEEF ASSOCIATION 09-155	\$2,500	11/1/08 - 1/31/09
EDWARDS, MARK S	Comparative Adaptations To Herbivory In Equids And Other Species With Hindgut Fermentation CSU - AGRICULTURAL RESEARCH INITIATIVE 09-094	\$146,441	7/1/08 - 6/30/11
HUMPHREY, BROOKE	Quantification of mRNA abundance in mucosal scrapings obtained from chicks fed diets varying in phytase SYNGENTA BIOTECHNOLOGY, INC. 09-092	\$20,000	10/1/08 - 9/30/09
PLUMMER, WILLIAM BECKETT, DEBORAH M.	How Sexed-Semen Characteristics Affect Fertilization Rate CSU - AGRICULTURAL RESEARCH INITIATIVE 09-095	\$132,529	7/1/08 - 6/30/11
<u>BioResource and Agricultural Engineering</u>			
BURGOA, BENALI	California golf courses water stewardship certification CA DEPT OF WATER RESOURCES 09-028	\$249,007	9/1/08 - 8/31/10
BURT, CHARLES STYLES, STUART	Web-based irrigation education U.S. DEPT OF AGRICULTURE (NRCS) 09-014	\$680,000	10/1/09 - 9/30/12
BURT, CHARLES STYLES, STUART	Impacts of kaolin clay spray on pistachio leaves to reduce evapotranspiration, insecticide usage, and energy consumption through water pumping CA DEPT OF FOOD AND AGRICULTURE 09-142	\$125,000	1/1/09 - 12/31/10
BURT, CHARLES STYLES, STUART	Irrigation system evaluation and expert witness services COUNTY OF FRESNO 09-151	\$30,000	12/16/08 - 12/15/09
BURT, CHARLES STYLES, STUART	Flight #6: Professional services for program management - 2009-2011 program period SOUTHERN CALIFORNIA EDISON 09-239	\$399,531	8/1/09 - 1/31/11
BURT, CHARLES	Use of Kaolin Spray to Reduce Pistachio Orchard Stress during Underirrigation U.S. DEPT OF AGRICULTURE (CSREES) VIA CSU AGRICULTURAL RESEARCH INITIATIVE 09-305	\$108,275	7/1/09 - 6/30/11
GAUDI, FRANKLIN BURT, CHARLES	Agricultural consulting services at Lancaster Eastern Agricultural Sites (EAS) and Palmdale Effluent Management Site (EMS) SANITATION DISTRICTS OF LOS ANGELES COUNTY 09-119	\$1,075,000	1/1/09 - 12/31/11
GAUDI, FRANKLIN BURT, CHARLES	Vadose zone monitoring consulting services at Lancaster Eastern Agricultural Sites (EAS), Palmdale Effluent Management Site (EMS), and Palmdale Storage Reservoir Site (SRS) SANITATION DISTRICTS OF LOS ANGELES COUNTY 09-125	\$445,000	1/1/09 - 12/31/11
KELLY, SHAUN F	In Situ Ozone Generation as an Alternative to Methyl Bromide for Sustainable Preplant Soil Fumigation in Strawberries U.S. DEPT OF AGRICULTURE (CSREES) - SPECIALTY CROP RESEARCH INITIATIVE (SCRI) 09-023	\$158,720	11/1/08 - 10/31/11

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<u>BioResource and Agricultural Engineering</u>			
KELLY, SHAUN F YOSHIMURA, MICHAEL	Development of Methods for In-situ Generation and Application of Ozone to Fumigate Soil as an Alternative to Methyl Bromide for Crop Production CSU - AGRICULTURAL RESEARCH INITIATIVE 09-043	\$152,707	7/1/08 - 6/30/11
STYLES, STUART	AGTAC energy and irrigation workshops SOUTHERN CALIFORNIA EDISON 08-314	\$5,810	1/1/09 - 12/31/11
STYLES, STUART	Technical assistance program to water districts U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION, MID PACIFIC REGION 09-034	\$450,000	11/1/08 - 4/30/10
STYLES, STUART BURT, CHARLES	Evaluation of modified drip irrigation strategies: maintenance of yields while reducing irrigation runoff to coastal streams from sprinklers U.S. DEPT OF AGRICULTURE (CSREES) - SPECIALTY CROP RESEARCH INITIATIVE (SCRI) 09-038	\$98,000	10/1/08 - 9/30/10
STYLES, STUART BURT, CHARLES	Evaluation of modified drip irrigation strategies on strawberries: maintenance of yields while reducing irrigation runoff to coastal streams from sprinklers CA DEPT OF FOOD AND AGRICULTURE 09-040	\$98,000	10/1/08 - 9/30/10
STYLES, STUART	Accessible education for agricultural irrigation in California U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION, MID PACIFIC REGION 09-164	\$100,000	9/30/09 - 9/29/11
STYLES, STUART	On-farm irrigation system evaluations for federal water contractors in the San Joaquin valley U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION, MID PACIFIC REGION 09-172	\$84,000	9/30/09 - 12/31/11
<u>College of Agriculture</u>			
PEDERSEN, MARY KYKER, BRADLEY	"Learn by Doing" in the Multicultural Scholars Program (MSP) at Cal Poly: From Bioenergy to Human Nutrition and Obesity U.S. DEPT OF AGRICULTURE (CSREES) 09-001	\$216,000	10/1/08 - 9/30/13
PEDERSEN, MARY	Sustainable Agriculture Education in Zambia for Food Security and Environmental Health AMERICAN COUNCIL ON EDUCATION VIA HIGHER EDUCATION FOR DEVELOPMENT 09-179	\$49,950	4/1/09 - 12/31/09
<u>Dairy Science</u>			
FARKYE, NANA	Low and Reduced Sodium Cheese with Enhanced Flavor DAIRY MANAGEMENT, INC. 09-081	\$89,672	10/1/08 - 12/31/09
FARKYE, NANA	Preventing the development of the undesirable burnt and roesy flavor in low fat cheese DAIRY MANAGEMENT, INC. 09-082	\$77,053	1/1/09 - 7/31/10
FARKYE, NANA	CheesePlus: Omega-3 fortification of cheese CA DAIRY RESEARCH FOUNDATION 09-121	\$69,282	1/1/09 - 12/31/09
FARKYE, NANA	Improving texture and lubricity of low fat Cheddar cheese with selected surfactants and gums DAIRY MANAGEMENT, INC. 09-122	\$72,787	1/1/09 - 12/31/09

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<u>Dairy Science</u>			
FARKYE, NANA	Natural mold inhibition in cheese by lactic acid bacteria DAIRY MANAGEMENT, INC. 09-246	\$59,978	7/1/09 - 6/30/10
GOLDEN, BRUCE LUNDQUIST, TRYGVE	Nitrogen removal from dairy wastewater using a novel reciprocating biofilm reactor CSU - AGRICULTURAL RESEARCH INITIATIVE 09-084	\$72,699	7/1/08 - 6/30/11
JIMENEZ-FLORES, RAFAEL	Extending Shelf Life: Inactivation of Gram Positive Bacterial Spores in Fluid Milk Using UV Light Illumination CA DAIRY RESEARCH FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 09-020	\$28,000	10/1/08 - 9/30/09
JIMENEZ-FLORES, RAFAEL GRAGSON, DEREK	Spore reduction in milk powder using UV illumination technology CA DAIRY RESEARCH FOUNDATION 09-044	\$152,117	10/1/08 - 9/30/09
JIMENEZ-FLORES, RAFAEL	Genetic polymorphism comparison between the Cal Poly's Jersey and Holstein cows and its impact in milk CLA, citrate and pyruvate AJCC RESEARCH FOUNDATION 09-072	\$61,982	4/1/09 - 3/31/11
TONG, PHILLIP	Milk Protein Concentrate Functionality Improvement Program DAIRY MANAGEMENT, INC. 09-058	\$136,725	10/1/08 - 12/31/10
TONG, PHILLIP	Evaluation of Properties of Vacuum Packaged Dry Dairy Powders DAIRY MANAGEMENT, INC. 09-061	\$33,000	10/1/08 - 1/31/10
TONG, PHILLIP	Cal Poly Dairy Ingredients Applications Program 2009 DAIRY MANAGEMENT, INC. 09-071	\$396,000	1/1/09 - 12/31/09
TONG, PHILLIP	Master Agreement: Calendar Year 2009 CA DAIRY RESEARCH FOUNDATION 09-168	\$0	1/1/09 - 12/31/09
TONG, PHILLIP	DPTC Operations 2009 - Maintaining and Growing a Sustainable California Dairy Industry in Domestic and Global Markets CA DAIRY RESEARCH FOUNDATION 09-188	\$226,800	1/1/09 - 12/31/09
TONG, PHILLIP JIMENEZ-FLORES, RAFAEL	Memorandum of Understanding - Dairy Science and Technology COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AUSTRALIA 09-247	\$0	4/8/09 - 4/7/14
<u>Earth & Soil Sciences</u>			
APPEL, CHRISTOPHER S. FARKYE, NANA	Soil Chemistry of Central Coast Serpentinic Vineyard Soils SHIMADZU SCIENTIFIC INSTRUMENTS 09-033	\$126,218	1/1/09 - 12/31/09
<u>Food Science & Nutrition</u>			
HALL, LAURA	Dairy as a Source of Vitamin D to Improve Vitamin D Status (25[OH]D) and Physical Performance in Healthy Adults at Risk of Vitamin D Insufficiency DAIRY MANAGEMENT, INC./NATIONAL DAIRY COUNCIL 09-318	\$99,883	1/1/10 - 12/31/11

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<u>Food Science & Nutrition</u>			
HAMPSON, BRIAN	Protocol development for use of aqueous ozone in external surface sanitation and clean-in-place systems CSU - AGRICULTURAL RESEARCH INITIATIVE 09-055	\$18,180	7/1/08 - 6/30/09
KHALIL, HANY JIMENEZ-FLORES, RAFAEL	Defining Milk Quality for Today's Dairy Industry - Microbial and Ecology Approach CSU - AGRICULTURAL RESEARCH INITIATIVE 09-062	\$117,769	7/1/08 - 6/30/10
PAPATHAKIS, PEGGY	Effectiveness of Food Fortification in South African Breastfeeding Women GLOBAL ALLIANCE FOR IMPROVED NUTRITION 09-032	\$11,065	9/1/08 - 8/31/09
PAPATHAKIS, PEGGY	Effectiveness of food fortification in South African breastfeeding women CSU - AGRICULTURAL RESEARCH INITIATIVE 09-159	\$34,753	7/1/08 - 6/30/10
PAPATHAKIS, PEGGY NEUHAUS, THOMAS	Development of an Undergraduate Course for the Study of Two West African Cocoa-Growing Villages U.S. DEPT OF AGRICULTURE (CSREES) - ISE 09-178	\$149,597	10/1/09 - 9/30/11
RITCHIE, GERRY	Development and Preparation of Funding Applications to Build the Enology Concentration of the Wine and Viticulture Major at Cal Poly CSU - AGRICULTURAL RESEARCH INITIATIVE 09-036	\$5,000	7/1/08 - 6/30/09
RITCHIE, GERRY	Enhancing Student Experiential Learning to Meet Specialized Professional Needs for the Wine Industry U.S. DEPT OF AGRICULTURE - CHALLENGE GRANT PROGRAM 09-181	\$115,150	9/1/09 - 8/31/11
<u>Horticulture & Crop Science</u>			
COSTELLO, MICHAEL J	Grapevine nutrition and spider mite response APPLIED INSECT ECOLOGISTS FOUNDATION 09-190	\$3,000	3/1/09 - 10/1/09
GARNER, LAUREN	The Effects of Foliar Nutrient Applications on the Incidence of Rind Creasing and Puffing of Sweet Oranges (Citrus sinensis) CSU - AGRICULTURAL RESEARCH INITIATIVE 09-131	\$40,000	7/1/08 - 6/30/10
HEADRICK, DAVID	Biological Control of Elm Leaf Beetle Project STATE OF VICTORIA, AUSTRALIA - DEPARTMENT OF PRIMARY INDUSTRIES 09-064	\$36,476	10/1/08 - 1/31/10
LEWIS, JASON	2008 National Fineleaf Fescue Test NATIONAL TURFGRASS EVALUATION PROGRAM 09-026	\$10,000	8/1/08 - 10/31/14
VASSEY, TERRY L.	Growing Substrate and Plant Materials Choice for Extensive Green Roofs for the California Central Coast CALIFORNIA LANDSCAPE CONTRACTORS ASSOCIATION - LANDSCAPE EDUCATIONAL ADVANCEMENT FOUNDATION 09-219	\$19,023	4/1/09 - 6/1/10

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<u>Natural Resource Management</u>			
DICUS, CHRISTOPHER A.	Evaluating How Alternative Fuel Treatments Simultaneously Impact Fire Hazard and Vegetative Benefits in the Lake Tahoe Basin U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 09-111	\$246,966	6/1/09 - 6/30/12
DICUS, CHRISTOPHER A. MACKIN, THOMAS	Wildland Urban Interface Fire Institute U.S. DEPT OF HOMELAND SECURITY VIA FEDERAL EMERGENCY MANAGEMENT AGENCY 09-173	\$999,963	6/1/09 - 5/31/12
DIETTERICK, BRIAN	Sustainable Agricultural Practices Workshop - from the forest, rangeland, and cropland to the sea NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION - NOS 09-211	\$53,560	10/1/09 - 9/30/10
GREENWOOD, BRIAN	Junior Giants: Assessment of Developmental Outcomes GIANTS COMMUNITY FUND - JUNIOR GIANTS 09-093	\$5,999	1/1/09 - 12/31/09
PIIRTO, DOUGLAS	Response to Management Strategies in Young-Growth Giant Sequoia Stands at Mountain Home State Forest-Remeasurement 20 Yrs. After Treatment CA DEPT OF FORESTRY 09-079	\$35,000	7/1/09 - 6/30/12
PIIRTO, DOUGLAS SHELTON, MARK	McIntire-Stennis Cooperative Forestry Research Act Program (2008-2009) U.S. DEPT OF AGRICULTURE (CSREES) 09-150	\$109,502	10/1/08 - 9/30/09
PIIRTO, DOUGLAS	McIntire-Stennis Forestry Research Program (2008-2009) U.S. DEPT OF AGRICULTURE (CSREES) 09-259	\$22,140	10/1/08 - 9/30/09
REIMER, JEFF THOMPSON, RICHARD	UFEI Website Resources for California CA DEPT OF FORESTRY 09-279	\$64,471	7/1/09 - 3/1/12
THOMPSON, RICHARD DICUS, CHRISTOPHER A.	Development of a Web-based Tool That Customizes Wildfire Risk Reduction Guidelines for Property Owners and Residents in the Wildland-Urban Interface THE FIRESAFE COUNCIL VIA SAN LUIS OBISPO COUNTY COMMUNITY FIRESAFE COUNCIL 09-189	\$289,091	5/1/09 - 10/31/10
<u>Recreation, Parks, & Tourism Administration</u>			
GOLDENBERG, MARNI	Longitudinal Research of Participation in a Wilderness Educational Experience: Discovering Purpose and Value SPENCER FOUNDATION 09-025	\$27,908	1/1/09 - 7/31/11
GOLDENBERG, MARNI	Longitudinal Research of Participation in a Wilderness Educational Experience Using Means-End Analysis CSU - AGRICULTURAL RESEARCH INITIATIVE 09-042	\$49,085	7/1/08 - 6/30/11
GOLDENBERG, MARNI	McIntire-Stennis - Examining Use of Forest Land: A Pacific Crest Trail Example U.S. DEPT OF AGRICULTURE (CSREES) 09-258	\$35,000	10/1/08 - 9/30/11
GREENWOOD, BRIAN	Positive Youth Development (PYD) Through Youth Sports Research CSU - AGRICULTURAL RESEARCH INITIATIVE 09-041	\$5,000	7/1/08 - 6/30/09

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<u>Architecture & Env Design</u>			
<u>Architectural Engineering</u>			
BALTIMORE, CRAIG	Challenge Engineering: Self Reliant and Sustainable Building Construction Designed for the Indigenous Population of Tanzania, Africa U.S. ENVIRONMENTAL PROTECTION AGENCY 09-146	\$9,990	8/8/09 - 8/7/10
BALTIMORE, CRAIG	Urban CSP solutions NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 09-280	\$14,250	9/1/09 - 10/31/10
BRADY, PAMALEE	Implementation and Assessment of Failure Case Studies in the Engineering Curriculum NATIONAL SCIENCE FOUNDATION (CCLI) VIA CLEVELAND STATE UNIVERSITY 09-162	\$10,000	7/1/09 - 6/30/12
BRADY, PAMALEE	NEESR-CR: Displacement Based Seismic Design of Masonry Buildings NATIONAL SCIENCE FOUNDATION (NEESR) VIA UNIVERSITY OF TEXAS 09-234	\$142,917	10/1/09 - 9/30/12
DONG, KEVIN	Design Review of a Proposed Mixed-use Building in San Luis Obispo, CA LAMPMAN AND SMITH 09-070	\$2,500	4/1/08 - 9/30/08
DONG, KEVIN	Experimental Testing of Library Shelving Products ROSS MCDONALD COMPANY, INC. 09-267	\$5,800	4/20/09 - 12/31/09
MCDANIEL, COLE ARCHER, GRAHAM	Classroom Dynamics - A Guided Discovery-Based Learning Experience NATIONAL SCIENCE FOUNDATION (CCLI) 09-266	\$196,642	9/1/09 - 8/30/12
<u>Architecture</u>			
PHILLIPS, STEPHEN	New LA Schools: A Site of Massive Change GRAHAM FOUNDATION 09-231	\$2,500	4/1/09 - 3/31/10
POHL, JENS	ICODES Development and software maintenance support – stage 17 CDM TECHNOLOGIES, INC. 09-105	\$279,978	10/11/08 - 1/16/09
POHL, JENS	ICODES Development and Software Maintenance Support – Stage 18 CDM TECHNOLOGIES, INC. 09-268	\$239,999	4/25/09 - 10/9/09
STANNARD, SANDRA	Planting a Seed: Design/Build/Educate at Cal Poly's Organic Farm US GREEN BUILDING COUNCIL 09-331	\$9,894	9/1/09 - 8/30/10
<u>City & Regional Planning</u>			
MAIN, KELLY TOKER, UMUT	CRP 410/411 City of Delano Strategic Plan CITY OF DELANO 09-104	\$23,852	9/21/08 - 5/21/09
NUWORSOO, CORNELIUS	Lessons for Bike/Pedestrian Integration into the Infrastructure of Small Urban Communities U.S. DEPT OF TRANSPORTATION AND CALTRANS VIA MINETA TRANSPORTATION INSTITUTE AT SAN JOSE STATE UNIVERSITY 09-060	\$51,425	11/3/08 - 11/3/09

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<u>City & Regional Planning</u>			
NUWORSOO, CORNELIUS	City of Guadalupe Community Plan CITY OF GUADALUPE 09-078	\$5,000	9/15/08 - 5/30/09
NUWORSOO, CORNELIUS TOKER, UMUT	Madera Ranchos Planning Project COUNTY OF MADERA 09-230	\$113,721	6/15/09 - 8/31/10
NUWORSOO, CORNELIUS	Lessons for Bike/Pedestrian Integration into the Infrastructure of Small Urban Communities U.S. DEPT OF TRANSPORTATION AND CALTRANS VIA MINETA AT SJSU 09-283	\$40,639	9/1/09 - 8/30/10
TOKER, UMUT	City of Delano Strategic Plan Preliminary Study CITY OF DELANO 09-012	\$19,021	7/21/08 - 9/30/08
TOKER, UMUT	Draft Salinas Chinatown Urban Design Proposal SALINAS REDEVELOPMENT AGENCY 09-198	\$13,670	3/30/09 - 7/15/09
TOPPING, KENNETH C. SIEMBIEDA, WILLIAM	2010 State Multi-Hazard Mitigation Plan Revision CA OFFICE OF EMERGENCY SERVICES 09-144	\$1,556,400	1/1/09 - 12/31/10
<u>College of Arch & Env Design</u>			
KELTING, SCOTT MONTOYA, MICHAEL	Sustainable Materials: (TheExp Wall) Thermal Expandable/Contractible Walls for Passive Ventilation System U.S. ENVIRONMENTAL PROTECTION AGENCY 09-183	\$9,828	8/15/09 - 8/14/10
KELTING, SCOTT MONTOYA, MICHAEL	Environmentally Friendly Surfboard (Green Surfboards) U.S. ENVIRONMENTAL PROTECTION AGENCY 09-184	\$8,100	8/15/09 - 8/14/10
<u>Construction Management</u>			
KORMAN, THOMAS SIMONIAN, LONNY G.	Attracting and retaining new employees for electrical contractors from university electrical engineering and construction management programs ELECTRI INTERNATIONAL 09-163	\$95,464	4/6/09 - 4/8/10
<u>Landscape Architecture</u>			
BREMER, WALTER	San Luis Obispo Council of Governments Master Agreement SAN LUIS OBISPO COUNCIL OF GOVERNMENTS 09-018	\$0	7/1/08 - 6/30/10
HILL, MARGARITA SCHILLER, LOUISE	Fall 2008 Landscape Architecture Studio CALIFORNIA SPACE AUTHORITY 09-050	\$13,700	9/22/08 - 1/5/09

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Business

College of Business

CARR, CHRIS	Chinese Economic Growth and its Implications for the Goods Movement Industry and California and the Inland Empire CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 09-037	\$5,000	8/1/08 - 1/31/09
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Economics

HAMILTON, STEPHEN	Farm-Retail Price Transmission in Multi-Product Retail Environments U.S. DEPT OF AGRICULTURE (CSREES) - AFRI 09-286	\$309,378	10/1/09 - 9/30/11
HAMILTON, STEPHEN	Equilibrium Price and Design of New Food Products in a Social Network U.S. DEPT OF AGRICULTURE (CSREES) - AFRI VIA ARIZONA STATE UNIVERSITY 09-304	\$42,478	10/1/09 - 9/30/11

Industrial Technology

TORNATZKY, LOUIS	IT Consortium FY 2008-2009 IT CONSORTIUM 09-123	\$180,000	10/1/08 - 9/30/09
VORST, KEITH	Predictive Growth Models for Escherichia coli 0157:H7 on Fresh-Cut Produce during Transport and Cold Chain Distribution U.S. FOOD AND DRUG ADMINISTRATION - CENTER FOR FOOD SAFETY AND APPLIED NUTRITION (CFSAN) 09-013	\$497,118	1/1/09 - 6/30/10
VORST, KEITH	Decreased Oropharyngeal Damage, Improved Ventilation and Airway Access in Combatants, Civilian Casualties and All Civilian Patient Populations DEPARTMENT OF DEFENSE DEPLOYMENT RELATED MEDICAL RESEARCH PROGRAM CLINICAL TRIAL AWARD 09-103	\$2,376,127	9/30/09 - 12/31/12
VORST, KEITH	New Process Methodology for Using Multiwalled-Carbon Nanotubes to Improve Performance and Lower Cost of Composite Panels DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) 09-200	\$244,589	8/1/09 - 7/30/11
VORST, KEITH	Predictive Growth Models for Escherichia coli O157:H7 on Fresh-Cut Produce During Transport and Cold Chain Distribution U.S. DEPT OF AGRICULTURE (CSREES) - NIFSI 09-252	\$596,029	10/1/09 - 9/30/12
VORST, KEITH	Design for Recycling Bottle Test Center CA DEPT OF CONSERVATION VIA NATIONAL ASSOCIATION FOR PET CONTAINER RESOURCES AND THE ASSOCIATION OF POSTCONSUMER PLASTIC RECYCLERS 09-314	\$167,590	12/1/09 - 11/30/10

Education

Graduate Studies in Education

KANE, STEVEN JAQUES, JODI	Making the grade: How college woman excel in science, technology, engineering and math majors AMERICAN COLLEGE PERSONNEL ASSOCIATION FOUNDATION 09-174	\$1,000	1/1/09 - 6/30/09
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<u>Graduate Studies in Education</u>			
ROSENBERG, LOU	2008-09 Senior Project Exhibits for San Luis Obispo Children's Museum SAN LUIS OBISPO CHILDREN'S MUSEUM 09-148	\$5,690	9/1/08 - 6/30/09
<u>Engineering</u>			
<u>Aerospace Engineering</u>			
ABERCROMBY, KIRA	Physical Properties of Orbiting Objects NASA VIA JACOBS TECHNOLOGY 09-009	\$57,156	3/15/09 - 9/30/09
JAMESON, KRISTINA	A Collaborative Approach to Respond to Needs from Industry: An Undergraduate Experimental Aerospace Thermal Control and Design Laboratory NASA - AERONAUTICS RESEARCH MISSION DIRECTORATE 08-325	\$226,169	10/1/08 - 9/30/09
PUIG-SUARI, JORDI	Microsatellite Deployer Systems Engineering Design and Development Support NASA - AMES RESEARCH CENTER 08-290	\$180,000	7/1/08 - 4/1/09
PUIG-SUARI, JORDI	Technical Consulting on the Design and Integration of CubeSat Class Spacecraft U.S. ARMY SPACE AND MISSILE DEFENSE COMMAND VIA MILTEC CORPORATION 08-293	\$14,995	8/1/08 - 3/31/09
PUIG-SUARI, JORDI	Recommendations for CubeSat Experiment Integration NATIONAL RECONNAISSANCE OFFICE VIA SRI INTERNATIONAL 09-059	\$40,032	9/20/08 - 1/20/09
PUIG-SUARI, JORDI	P-POD Refurbishment and Flight Certification Testing NATIONAL SCIENCE FOUNDATION VIA NASA / GODDARD SPACE FLIGHT CENTER, WALLOPS ISLAND 09-138	\$10,000	11/5/08 - 1/28/09
PUIG-SUARI, JORDI	Teaming Agreement with SRI International SRI INTERNATIONAL 09-140	\$0	12/23/08 - 12/22/11
PUIG-SUARI, JORDI	Prototype P-POD Manufacturing and Assembly SRI INTERNATIONAL 09-153	\$5,000	10/17/08 - 2/28/09
PUIG-SUARI, JORDI	Space Environment Thermal Vacuum Testing & Qualification of a Momentum Powered Timepiece EPSON RESEARCH AND DEVELOPMENT, INC. 09-157	\$14,834	11/15/08 - 2/1/09
PUIG-SUARI, JORDI	P-POD Manufacturing and Testing NATIONAL SCIENCE FOUNDATION VIA NASA / GODDARD SPACE FLIGHT CENTER, WALLOPS ISLAND 09-160	\$40,000	1/1/09 - 6/26/09
PUIG-SUARI, JORDI	CubeSat: MICE: Magnetosphere-Ionosphere Connection Explorers NATIONAL SCIENCE FOUNDATION VIA JOHNS HOPKINS UNIVERSITY VIA BOEING 09-185	\$154,522	11/1/09 - 9/30/12
PUIG-SUARI, JORDI	Pumpkin CubeSat Environmental Testing PUMPKIN, INC 09-196	\$29,000	1/19/09 - 3/31/09
PUIG-SUARI, JORDI	CubeSat: MICE: Magnetosphere-Ionosphere Connection Explorers NATIONAL SCIENCE FOUNDATION VIA APPLIED PHYSICS LAB, JOHNS HOPKINS UNIVERSITY 09-260	\$67,246	11/1/09 - 10/31/12

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Aerospace Engineering</u>			
PUIG-SUARI, JORDI	CubeSat integration and test support U.S. ARMY VIA MILTEC MISSILES & SPACE VIA SRI INTERNATIONAL 09-293	\$27,000	3/1/09 - 3/1/10
<u>Biomedical and General Engineering</u>			
CARDINAL, KRISTEN	CAREER: Not Just a Bypass: Tissue Engineered Blood Vessels as In Vitro Models for Stent Evaluation NATIONAL SCIENCE FOUNDATION (CAREER) 08-253	\$400,174	5/1/09 - 4/30/14
CLAGUE, DAVID	Bio-Markers in Sweat DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) 08-322	\$99,992	8/1/08 - 7/31/09
CLAGUE, DAVID	Disease Biomarker Detection: A BioMEMS Approach EPSON RESEARCH AND DEVELOPMENT, INC. 09-096	\$65,000	10/1/08 - 3/31/09
LAIHO, LILY	Protective Effects of Milk Phospholipids Against Ultraviolet Exposure CSUPERB: CSU FACULTY-STUDENT COLLABORATIVE RESEARCH SEED GRANT PROGRAM 09-090	\$15,000	2/1/09 - 1/31/10
SZLAVIK, ROBERT CARDINAL, TREVOR	Group Delay Technique for Measuring Nerve Conduction Velocity in Patients with Peripheral Nerve Damage from Battlefield Related Injury or Disease DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) 09-194	\$270,192	9/1/09 - 8/31/11
SZLAVIK, ROBERT	Group Delay Technique for Measuring Nerve Fiber Size and Conduction Velocity Distributions Associated with Peripheral Neuropathies NATIONAL INSTITUTES OF HEALTH 09-272	\$390,179	10/1/09 - 9/30/11
<u>Civil & Environmental Engineering</u>			
CHADWELL, CHARLES	NEESR-CR: Composite Shear Wall for Effective Seismic Resistant Design of Tall Buildings NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF TENNESSEE 09-217	\$115,829	9/1/09 - 8/31/12
FIEGEL, GREGG SULLIVAN, EDWARD	Cal Poly Jubail and Yanbu University Collaboration Project THE ROYAL COMMISSION FOR JUBAIL AND YANBU 08-163	\$5,996,174	7/1/08 - 6/30/13
FIEGEL, GREGG	NEESR-CR: Performance of Geosynthetically-Reinforced Embankments and Retaining Walls on Liquefiable Soils NATIONAL SCIENCE FOUNDATION VIA CASE WESTERN RESERVE UNIVERSITY 09-235	\$122,355	9/1/09 - 8/31/12
FIEGEL, GREGG	NEESR-CR: A Baseline Study of Pore Pressure Response in Saturated Soils: Results from Earthquake and Experimental Data Recorded at the Wildlife and Garner Valley Field Sites NATIONAL SCIENCE FOUNDATION VIA UC SANTA BARBARA 09-242	\$58,355	10/1/09 - 9/30/11
GOEL, RAKESH	NEESR-CR: A Hybrid Approach to Assess Collapse Thresholds of Building Structures NATIONAL SCIENCE FOUNDATION VIA NORTHEASTERN UNIVERSITY 09-245	\$41,428	10/1/09 - 9/30/11
HANSON, JAMES YESILLER, NAZLI	Master Agreement for Monitoring Landfill Performance SOUTH CENTRAL SOLID WASTE AUTHORITY 09-053	\$0	12/1/08 - 11/30/10

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Civil & Environmental Engineering</u>			
HANSON, JAMES YESILLER, NAZLI	Study on Other States Regulatory Oversight of Waste Handling Activities Relative to Recycling Centers, Transfer Stations, and Green Material Contamination CA INTEGRATED WASTE MANAGEMENT BOARD 09-124	\$150,000	10/31/08 - 12/31/09
HANSON, JAMES YESILLER, NAZLI	Landfill Gas Surface Emissions Monitoring Literature Review and Summary for the Vancouver Landfill CITY OF VANCOUVER, BC 09-129	\$23,250	10/25/08 - 1/31/09
HANSON, JAMES YESILLER, NAZLI	Quagga Mussel Invasive Response Plan SAN LUIS OBISPO COUNTY 09-141	\$25,000	12/8/08 - 8/31/09
HANSON, JAMES YESILLER, NAZLI	IDR: GOALI: Optimization of Alternative Energy Obtained from Landfills NATIONAL SCIENCE FOUNDATION (IDR/GOALI) 09-186	\$364,175	7/1/09 - 6/30/12
HANSON, JAMES YESILLER, NAZLI	Assessment of Technologies and Management Practices for Postclosure Maintenance Costs at Landfills CA INTEGRATED WASTE MANAGEMENT BOARD 09-209	\$150,000	3/1/09 - 12/31/09
JANSEN, DANIEL	NEESR-CR: Concrete with Recycled Materials for Use in Seismic Building Structures NATIONAL SCIENCE FOUNDATION VIA NOTRE DAME 09-057	\$178,401	10/1/09 - 9/30/12
KACHLAKEV, DAMIAN I. LEHR, CORINNE	Durability Studies of Modified Plastering Mixes, Surface Deteriorations of Plastered Swimming Pools-Phase Six NATIONAL PLASTERERS COUNCIL INC. 09-099	\$168,451	9/15/08 - 9/30/09
KACHLAKEV, DAMIAN I.	Manager/ Technician for Cal Poly Center Conducting Durability Studies of Modified Plastering Mixes, Surface Deteriorations of Plastered Swimming Pools NATIONAL PLASTERERS COUNCIL INC. 09-120	\$35,937	10/25/08 - 10/31/09
LUNDQUIST, TRYGVE	A Realistic Technology and Engineering Assessment of Algae Biofuel Production BP TECHNOLOGY VENTURES VIA EBI VIA REGENTS OF THE UNIVERSITY OF CA 08-190	\$83,647	1/1/08 - 12/31/08
LUNDQUIST, TRYGVE	Nutrient Removal and Algae Biofuel Feedstock Production from Dairy Waste U.S. DEPT OF AGRICULTURE (SBIR) VIA MICROBIO ENGINEERING 09-063	\$26,586	5/1/09 - 12/31/09
LUNDQUIST, TRYGVE	Demonstration of Greenhouse Gas Recycling Through the use of Microalgae Photosynthetic Activity CA AIR RESOURCES BOARD VIA CARBON CAPTURE CORPORATION 09-069	\$62,046	3/1/09 - 2/28/10
LUNDQUIST, TRYGVE	The Polytech Waterbag, Emergency Drinking Water Treatment WILLIAM J. CLINTON FOUNDATION 09-139	\$14,500	9/1/08 - 8/14/09
LUNDQUIST, TRYGVE	Biofloculation of Waste Grown Microalgae U.S. DEPT OF ENERGY (SBIR) VIA MICROBIO ENGINEERING 09-143	\$33,000	6/1/09 - 2/28/10
LUNDQUIST, TRYGVE	Polytech Waterbag, Water Treatment for Disaster Relief NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 09-269	\$20,000	9/1/09 - 2/28/11
LUNDQUIST, TRYGVE	Development of Renewable Microalgae Feedstock for the Production of Biodiesel, High-grade Protein, and Power Co-generation U.S. DEPT OF ENERGY VIA KENT SEATECH 09-319	\$120,000	9/1/09 - 2/28/11

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Civil & Environmental Engineering</u>			
LUNDQUIST, TRYGVE	Regional Biofuel Solutions: Networking Community-Scale Integrated Biorefineries U.S. DEPT OF ENERGY VIA BIODIESEL INDUSTRIES, INC. 09-325	\$527,070	11/1/10 - 5/31/13
MITRA, NILANJAN RAHIM, ASHRAF M.	Segmental Concrete Pavements: An Innovative, Sustainable and Efficient Alternative to Conventional Concrete and/or Asphalt Pavements INTERLOCKING CONCRETE PAVEMENT INSTITUTE FOUNDATION FOR EDUCATION AND RESEARCH 09-006	\$17,146	1/1/09 - 12/31/09
MITRA, SUDESHNA	Factors Related to Serious Injury and Fatal Motorcycle Crashes with Traffic Barriers TRANSPORTATION RESEARCH BOARD VIA PURDUE UNIVERSITY 09-074	\$30,000	1/1/10 - 12/31/10
MOSS, ROBB	Risk of Levee Failures in the Western U.S. U.S. DEPT OF HOMELAND SECURITY VIA UNIVERSITY OF NORTH CAROLINA 09-003	\$214,603	7/1/08 - 6/30/11
MOSS, ROBB	International: U.S.-China Collaborative Soil Structure Interaction Testing Program NATIONAL SCIENCE FOUNDATION (IRES) 09-048	\$129,471	1/1/09 - 12/31/11
MOSS, ROBB	NEESR-CR: Experimental and Numerical Studies of Earthquake-Induced Slope Movements using Distributed and Discrete Deformation Models NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF TEXAS, AUSTIN 09-223	\$75,217	1/1/10 - 12/31/12
MOSS, ROBB	NEESR-CR: Seismic Earth Pressures on Retaining Structures NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, BERKELEY (ARRA) 09-224	\$85,015	7/1/09 - 6/30/12
MULETA, MISGANA	BRIGE: An Integrative Computational Methodology for NPS Pollution Control at Watershed Scale Considering Climate Change NATIONAL SCIENCE FOUNDATION (BRIGE) 09-197	\$174,920	9/1/09 - 8/31/11
PANDE, ANURAG	Collaborative Research: New Methods for Measuring, Evaluating and Predicting the Safety Impact of Road Infrastructure Systems on Driver Behavior NATIONAL SCIENCE FOUNDATION 09-204	\$78,000	9/1/09 - 8/31/12
PANDE, ANURAG MITRA, SUDESHNA	A Framework for Developing and Integrating Effective Routing Strategies within the Emergency Management Decision Support System for Transit Centers U.S. DEPT OF TRANSPORTATION AND CALTRANS VIA MINETA TRANSPORTATION INSTITUTE AT SAN JOSE STATE UNIVERSITY 09-312	\$58,311	7/1/09 - 3/1/10
QU, BING	NEESR-CR: Ultimate Seismic Response Behavior of Latticed Space Frame Structures under Mega Earthquakes: Emphasizing Sustainability and Catastrophe Relief NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF MARYLAND 09-221	\$151,124	9/1/09 - 8/31/12
QU, BING	NEESR-CR: Ductile Concrete-Filled Steel Plate Sandwich Walls (CFSP Sandwich Walls) NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY AT BUFFALO 09-222	\$137,464	10/1/09 - 9/30/12
RAHIM, ASHRAF M. FIEGEL, GREGG	An Evaluation of the Crack, Seat, and Overlay Method in California CA DEPT OF TRANSPORTATION (CALTRANS) 09-154	\$111,997	2/9/09 - 11/29/10
RAHIM, ASHRAF M.	Evaluation of Waste Recycled Materials Applications in Highway Pavements in California: An Overview of Research CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 09-311	\$4,938	7/15/09 - 2/14/10

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Civil & Environmental Engineering</u>			
RAHMAN, SHIKHA BOSWELL, MICHAEL	CALFED Watershed Riparian Buffer Project STATE WATER RESOURCES CONTROL BOARD 09-137	\$498,086	7/1/09 - 6/30/11
<u>College of Engineering</u>			
SHEIKH, ZAHED	Thermal Management of Avionic Systems BOEING COMPANY, THE 09-165	\$25,000	1/5/09 - 8/31/09
WALSH, DANIEL	Master's of Science Specialization in Stem Cell Technology CALIFORNIA INSTITUTE FOR REGENERATIVE MEDICINE 09-007	\$1,396,509	7/15/09 - 7/14/12
<u>Computer Science</u>			
CLARK, CHRISTOPHER	CAREER: Applying the Golden Rule to Robots: Optimization in Multi-Robot Communities NATIONAL SCIENCE FOUNDATION (CAREER) 09-004	\$434,942	6/1/09 - 5/31/14
CLARK, CHRISTOPHER	Applying the Golden Rule to Robots - Optimization within Communities of AUV's and UAV's OFFICE OF NAVAL RESEARCH 09-187	\$542,511	6/1/09 - 5/31/12
CLARK, CHRISTOPHER WOOD, ZOE	International: REU: Underwater archeology via robotic systems NATIONAL SCIENCE FOUNDATION (IRES) 09-201	\$150,000	9/1/09 - 8/31/12
CLARK, CHRISTOPHER MOLINE, MARK	Ice-edge AUV mapping and navigation experiments in the arctic NATIONAL SCIENCE FOUNDATION 09-299	\$19,963	6/1/09 - 4/30/10
CLEMENTS, JOHN	Redesigning Introductory Computing: The Design Discipline. NATIONAL SCIENCE FOUNDATION VIA ADELPHI UNIVERSITY 09-045	\$22,050	6/1/08 - 5/31/09
DEKHTYAR, ALEXANDER	HCC: Small: Collaborative Research: Intelligent Advising Systems in an Uncertain World NATIONAL SCIENCE FOUNDATION (IIS) 09-158	\$137,895	7/1/09 - 6/30/11
JANZEN, DAVID CLEMENTS, JOHN	NSF CCLI: Test-Driven Learning with WebIDE NATIONAL SCIENCE FOUNDATION (CCLI) 09-218	\$153,344	1/5/10 - 1/4/13
<u>Electrical Engineering</u>			
DERICKSON, DENNIS	Wavelength agile and power agile source for LADAR 3D scanning using single-chip wavelength-tunable diode lasers DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) 09-208	\$255,454	10/1/09 - 9/30/11
JIN, XIAOMIN YU, XIAO-HUA (HELEN)	General LED Solid-State Lighting Implementation CA PUBLIC UTILITIES COMMISSION VIA UC CALIFORNIA'S CA INSTITUTE FOR ENERGY & ENVIRONMENT 09-067	\$70,350	10/24/08 - 3/31/09
JIN, XIAOMIN YU, XIAO-HUA (HELEN)	International: Engineering Research and Educational Collaboration on Gallium-Nitride-based Light Emitting Devices NATIONAL SCIENCE FOUNDATION (IRES) 09-193	\$99,958	9/1/09 - 8/31/11

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Electrical Engineering</u>			
LIDDICOAT, ALBERT	70MHz Channel Emulator Project Phase II NASA VIA JET PROPULSION LABORATORY 09-309	\$10,000	6/4/09 - 12/31/09
MACCARLEY, C. ARTHUR	Characterization of Batteries for Vehicle-to-Grid Applications CA ENERGY COMMISSION - ENERGY INNOVATIONS SMALL GRANT PROGRAM 09-015	\$94,980	2/1/09 - 1/31/10
MACCARLEY, C. ARTHUR DAVOL, ANDREW	Advanced Electric Drive Vehicle Education, Training and Public Outreach Program U.S. DEPT OF ENERGY VIA ELECTRICORE INC. 09-295	\$2,396,481	10/1/09 - 9/30/12
SAGHRI, JOHN A. ZHANG, XIAOZHENG (JANE)	REU Site: Advancing Computer Vision in Remote Sensing (ACVRS) NATIONAL SCIENCE FOUNDATION (REU) 09-008	\$378,883	1/1/09 - 12/31/11
SAGHRI, JOHN A.	Synthetic Aperture Radar Automatic Target Recognition (SAR ATR) for Ground Targets RAYTHEON COMPANY 09-046	\$20,000	9/1/08 - 8/28/09
SAGHRI, JOHN A.	Synthetic Aperture Radar Automatic Target Recognition (SAR ATR) for Ground Targets RAYTHEON COMPANY 09-306	\$20,000	9/1/09 - 8/31/10
SLIVOVSKY, LYNNE	California Campus Compact – National Science Foundation Faculty Fellows: Service-Learning for Social Innovation through STEM NATIONAL SCIENCE FOUNDATION VIA CALIFORNIA CAMPUS COMPACT 09-298	\$10,000	3/1/09 - 2/28/12
<u>Industrial & Manufacturing Engineering</u>			
FREED, TALI RINZEL, LAWRENCE	PG&E Diablo Canyon Warehouse RFID Project PACIFIC GAS & ELECTRIC COMPANY 08-312	\$95,000	12/12/07 - 12/31/07
MACEDO, JOSE	Proof of Concept, Clips for Football Helmet KRYPTON SPORTS 09-274	\$10,000	4/3/09 - 6/30/09
<u>Materials Engineering</u>			
HARDING, TREVOR	Collaborative Research: A Framework for Measuring the Development of Ethical Expertise in Graduate Engineering Research NATIONAL SCIENCE FOUNDATION (ESEE) 09-215	\$75,218	1/1/10 - 12/31/12
VANASUPA, LINDA HERTER, ROBERTA	RUI: IRES: Cal Poly/Tongji University Collaboration to Foster Global Competence NATIONAL SCIENCE FOUNDATION (RUI, IRES) 09-049	\$251,859	1/1/09 - 12/31/11
VANASUPA, LINDA GREVE, ADRIENNE	Collaborative Research: Sino-US Strategic Alliance for Innovation (SUSTAIN) NATIONAL SCIENCE FOUNDATION (UNSOLICITED) 09-076	\$2,472,941	3/1/09 - 2/28/14
VANASUPA, LINDA	Collaborative Research: To the Tipping Point for Sustainability - Catalyzing Para-Curricular Learning with a Cybertool Based on Social Constructivism NATIONAL SCIENCE FOUNDATION (IEECI) 09-202	\$144,979	1/1/09 - 12/31/11

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Mechanical Engineering</u>			
CHEN, JOHN	Collaborative Research: Generation 2.0 for Rapid Feedback System NATIONAL SCIENCE FOUNDATION VIA ROWAN UNIVERSITY (CCLI) 09-068	\$42,506	9/1/09 - 8/31/12
CHEN, JOHN	MRI: Development of a Sonic IR Research Instrument for Nondestructive Testing NATIONAL SCIENCE FOUNDATION (MRI) 09-098	\$47,060	7/1/08 - 7/31/10
CHEN, JOHN	Collaborative Research: Role of Faculty in Supporting Lifelong Learning: An Investigation of Self Directed Learning Environments in Engineering Undergraduate Classrooms NATIONAL SCIENCE FOUNDATION (EEC) 09-161	\$78,145	12/10/08 - 8/31/11
CHEN, JOHN	Collaborative Research: C-Change: Bringing about Conceptual Change in Student Learning in Foundation Engineering Courses NATIONAL SCIENCE FOUNDATION (IEECI) 09-220	\$140,337	9/1/09 - 8/31/11
CHEN, JOHN MCGAUGHEY, KAREN	Efficacy Testing of Conceptual Teaching and Its Ancillary Effects in Foundational Engineering Courses NATIONAL INSTITUTES OF HEALTH 09-255	\$537,222	10/1/09 - 9/30/11
CHEN, JOHN MCGAUGHEY, KAREN	Efficacy Testing of Peer Instruction for Concept Learning and Application NATIONAL SCIENCE FOUNDATION (CCLI) 09-302	\$199,877	12/1/09 - 11/30/11
KLISCH, STEPHEN M. HAZELWOOD, SCOTT	RUI: Stimulated In Vitro Growth Experiments of Articular Cartilage Explants and Refined Growth Models NATIONAL SCIENCE FOUNDATION (RUI) 09-180	\$441,282	1/1/10 - 12/31/12
KLISCH, STEPHEN M. HAZELWOOD, SCOTT	A Continuum Model of Cartilage Growth Biomechanics NATIONAL INSTITUTES OF HEALTH 09-334	\$33,824	6/16/09 - 5/31/10
MACKIN, THOMAS	Research & Development Master Services Agreement UNITED TECHNOLOGIES CORP., PRATT & WHITNEY DIVISION 09-145	\$0	1/1/09 - 12/31/09
MACKIN, THOMAS	"Scoping Study on the Potential Impacts of Climate Change on Energy Infrastructure in California: The Application of Network Theory and Fault Trees to Support Risk Informed Decision Making" CA ENERGY COMMISSION 09-214	\$98,839	3/16/09 - 8/31/09
MACKIN, THOMAS	Full-field stress and strain mapping using IR Thermoelasticity and Digital Image correlation U.S. DEPT OF DEFENSE (NAVY-STTR) VIA EMPIRICAL SYSTEMS AEROSPACE 09-226	\$49,943	7/1/09 - 6/30/10
MURRAY, WILLIAM R	A Reusable, Oxidizer-Cooled, Hybrid Aerospike Rocket Motor for Flight Test NASA STTR VIA ROLLING HILLS RESEARCH CORP. 09-192	\$345,000	6/16/09 - 6/15/11
MURRAY, WILLIAM R	A Rayleigh Flow Experiment on N20 to Assess the Limits of N20 Cooling NASA VIA ROLLING HILLS RESEARCH CORP. 09-328	\$60,345	7/1/09 - 12/31/09
WESTPHAL, RUSSELL	Boundary Layer Data System for the Aerodynamic Efficiency Improvement Program, Phase 2 Tasks 3C and 3D NORTHROP GRUMMAN 09-089	\$54,134	10/1/08 - 12/31/08

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<u>Mechanical Engineering</u>			
WESTPHAL, RUSSELL	Cal Poly Laminar Flow Technology Development NORTHROP GRUMMAN 09-114	\$20,024	10/27/08 - 12/19/08
WESTPHAL, RUSSELL	Surface Excrescence Transition Study II NORTHROP GRUMMAN 09-206	\$79,956	9/1/09 - 11/30/10
WESTPHAL, RUSSELL	Cal Poly Laminar Flow Technology Development -2009 NORTHROP GRUMMAN 09-225	\$20,254	4/11/09 - 12/11/09
<u>Multicultural Engineering Program</u>			
MILLAN, JOSE	MESA Schools Program 2009-2010 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 09-262	\$80,000	7/1/09 - 6/30/10
<u>Liberal Arts</u>			
<u>Cal Poly Arts</u>			
WILT, PETER	Singer/songwriter Bill Harley SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION ARTS INSPIRE FUND FOR THE ARTS 09-086	\$5,000	1/1/09 - 12/31/09
WILT, PETER	Cal Poly Arts for 2009-2010 Season CITY OF SAN LUIS OBISPO (PCC) 09-227	\$7,500	11/1/09 - 4/30/10
WILT, PETER	Bill Harley NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWEST 09-240	\$2,500	5/1/09 - 12/16/09
WILT, PETER	The Spirit of Uganda NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWEST 09-241	\$2,500	9/2/09 - 4/3/10
WILT, PETER	AMD-Martha Graham Dance NATIONAL ENDOWMENT FOR THE ARTS VIA NEW ENGLAND FOUNDATION FOR THE ARTS 09-249	\$2,000	8/1/09 - 5/17/10
<u>Communication Studies</u>			
JACKSON, LORRAINE	Innovators in Communication: Advancing the Discipline with Technology NATIONAL COMMUNICATION ASSOCIATION 09-251	\$5,000	9/1/09 - 8/30/10
<u>Ethnic Studies</u>			
LEHR, JANE	Theatre Arts for Public Engagement in Science, Technology, and Research Initiative NATIONAL SCIENCE FOUNDATION (ISE) VIA MASSACHUSETTS INSTITUTE OF TECHNOLOGY 09-321	\$499,343	7/1/10 - 6/30/13

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Graphic Communication</u>			
LEVENSON, HARVEY	Monsanto Soy Ink Evaluation MONSANTO COMPANY 09-019	\$9,000	7/1/08 - 6/30/09
LEVENSON, HARVEY	Heidelberg Lean Training Seminar HEIDELBERG DRUCKMASCHINEN AG, PRINT MEDIA ACADEMY 09-073	\$8,250	10/1/08 - 12/10/08
MACRO, KEN	Sustainability and Environmentally Sound Printing NATIONAL WILDLIFE FEDERATION 09-112	\$2,000	1/5/09 - 6/14/09
<u>History</u>			
HOPPER, MATTHEW	National Endowment for Humanities Enduring Questions: Pilot Course Grants Why Europe? NATIONAL ENDOWMENT FOR THE HUMANITIES 09-113	\$24,997	7/1/09 - 12/31/10
<u>Liberal Studies</u>			
DUFFY, SUSAN	Mentored Learning in the Arts with PSHHc - Canyon Creek site ORFALEA FOUNDATION VIA PEOPLE'S SELF HELP HOUSING 09-051	\$10,000	9/1/08 - 5/30/09
DUFFY, SUSAN FRIEND, KATHLEEN	One year of support for CCCAE after-school Arts Programs at Three Low Income Housing Sites for Children of Agricultural Workers PAUL NEWMAN COMMON GOOD FOUNDATION 09-126	\$85,337	1/1/09 - 12/31/09
DUFFY, SUSAN FRIEND, KATHLEEN	Promoting Mental and Physical Health Through the Arts for Children at Three Low-Income Housing Sites THE CALIFORNIA ENDOWMENT 09-127	\$32,068	1/1/09 - 12/31/09
<u>Psychology & Child Development</u>			
CALDWELL, ROSLYN	CAREER: Educational and Identity Development, Mental Health, and Critical Life Events among African America Male Offenders vs. College Students NATIONAL SCIENCE FOUNDATION (CAREER) 09-011	\$479,859	2/1/09 - 1/31/14
CALDWELL, ROSLYN	The Bakari Project® Mentoring Program for Juvenile Offenders SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 09-108	\$57,076	7/1/09 - 6/30/11
ENGLE, PATRICE	Development of ECD Policy Framework and Evaluation of Care for Development UNICEF TAJIKSTAN 09-213	\$48,388	3/1/09 - 12/31/09
ENGLE, PATRICE	Development of ECD Policy Framework and Evaluation of Care for Development UNICEF REGIONAL OFFICE 09-237	\$44,630	3/13/09 - 12/31/09
GARCIA, JULIE	A Multi- Method Investigation of the Situational Cues and Contexts Inhibiting Women in STEM Settings NATIONAL SCIENCE FOUNDATION VIA UNIV. ILLINOIS AT CHICAGO 09-232	\$109,075	1/1/10 - 12/31/13
GARCIA, JULIE	A Multi-Method Investigation of the Situational Cues and Contexts Inhibiting Students of Color in College Settings INSTITUTE FOR EDUCATIONAL SCIENCES VIA UNIVERSITY OF ILLINOIS, CHICAGO 09-322	\$475,069	6/1/10 - 5/31/14

PROPOSALS SUBMITTED IN FISCAL YEAR 2009

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Social Sciences</u>			
JONES, TERRY BOHR, GREGORY	Foragers, Droughts and Aridity: The Next Generation NATIONAL SCIENCE FOUNDATION 09-017	\$240,373	7/1/09 - 6/30/11
JONES, TERRY	Los Osos Sewer Collection Maintenance FAR WESTERN ANTHROPOLOGICAL RESEARCH GROUP 09-329	\$1,453	7/1/09 - 12/31/09
NEILL, DAWN	RUI: Urbanization and Parental Investment among Fijians NATIONAL SCIENCE FOUNDATION (RUI) 09-024	\$218,724	3/23/10 - 3/22/13
NEILL, DAWN	Fast Food Foraging: Behavioral Pathways for Dietary Decision Making NATIONAL INSTITUTES OF HEALTH - CHALLENGE GRANTS 09-270	\$358,874	9/1/09 - 8/31/11
<u>Science & Mathematics</u>			
<u>Biological Sciences</u>			
ELROD, SUSAN	Diagnostic Question Clusters for Assessment of Conceptual Understanding in Genetics NATIONAL SCIENCE FOUNDATION (CCLI) 09-288	\$200,000	9/1/09 - 8/30/11
FIDOPIASTIS, PAT	Collaborative Research: Use of genome-enabled tools to understand symbiosis NATIONAL SCIENCE FOUNDATION 08-320	\$110,148	1/1/09 - 12/31/12
FIDOPIASTIS, PAT	Using genome-enabled tools to understand Vibrio salmonicida virulence mechanisms CSUPERB: CSU FACULTY-STUDENT COLLABORATIVE RESEARCH SEED GRANT PROGRAM 09-087	\$15,000	2/1/09 - 5/31/10
MOLINE, MARK	Dynamic Modeling of Marine Bioluminescence and Night Time Leaving Radiance U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 09-075	\$116,914	10/1/08 - 9/30/11
MOLINE, MARK CLARK, CHRISTOPHER	Smart Collaborative Human-Vehicle Sensing Network: Application to Urban Marine Ecosystems NATIONAL SCIENCE FOUNDATION (STC) VIA RUTGERS UNIVERSITY 09-100	\$1,173,044	9/1/10 - 8/31/15
MOLINE, MARK ADAMS, NIKKI	Advanced Learning in Ocean and Arctic Climate Change Science NASA - GCCE 09-110	\$499,972	7/1/09 - 6/30/12
MOLINE, MARK	Collaborative Proposal: Propagating Coastal Currents and Wind Relaxations in a Coastal Upwelling System NATIONAL SCIENCE FOUNDATION 09-205	\$383,733	7/1/09 - 6/30/12
MOLINE, MARK	Autonomous Underwater Vehicle Support for Ocean Modeling in Prince William Sound OIL SPILL RECOVERY INSTITUTE 09-210	\$57,085	6/1/09 - 5/30/10
MOLINE, MARK	Variability of Near Surface Optical Properties in High Sea State Conditions OFFICE OF NAVAL RESEARCH VIA OREGON STATE UNIVERSITY 09-238	\$94,106	6/1/09 - 5/31/10
PERRINE, JOHN	Assessment of Wildlife Use of Hwy 101 Corridor Between San Luis Obispo and Atascadero CA DEPT OF TRANSPORTATION (CALTRANS) VIA CSU TRUSTEES 09-117	\$58,842	4/1/09 - 1/30/10

PROPOSALS SUBMITTED IN FISCAL YEAR 2009

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Biological Sciences</u>			
RITTER, MATTHEW	Cal Poly Tree Project STANLEY SMITH HORTICULTURAL TRUST 09-027	\$19,954	1/1/09 - 12/31/09
TOMANEK, LARS	The Effect of the Endocrine Disruptor Nonylphenol on the Health of Estuary Fish NATIONAL INSTITUTES OF HEALTH - AREA 09-101	\$200,519	7/1/09 - 6/30/12
VILLABLANCA, FRANCIS	Chevron Master Agreement Task 10: Cirsium Ioncholepis Metapopulation CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY 09-115	\$69,046	6/1/09 - 5/30/11
WENDT, DEAN	Achieving Management and Conservation Goals through the Application of Ecosystems-based Management on the Central Coast of California DAVID AND LUCILE PACKARD FOUNDATION 08-321	\$4,642,528	1/1/09 - 12/31/11
WENDT, DEAN	Biological Assessment of the Efficacy of Non-toxic, Fouling Release Coatings and Investigations of the Mechanisms Controlling Elastomeric Coating Performance U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 09-109	\$496,141	1/1/09 - 12/31/11
WENDT, DEAN	Field Testing of Emergent Marine Coatings for the Center for Nanoscale Science and Engineering at North Dakota State University NORTH DAKOTA STATE UNIVERSITY 09-195	\$48,000	2/1/09 - 1/31/10
WENDT, DEAN	Achieving Management and Conservation Goals through the Application of Ecosystems-based Management on the Central Coast of California RESOURCES LEGACY FUND FOUNDATION 09-199	\$400,000	1/1/09 - 12/31/11
YEUNG, MARIE	Metagenomic Approach to Milk Quality and Safety U.S. DEPT OF AGRICULTURE (CSREES) OR NATIONAL SCIENCE FOUNDATION 09-229	\$555,717	10/1/09 - 9/30/11
<u>Chemistry and Biochemistry</u>			
BUSH, SETH	Collaborative Research: A National Cross-Disciplinary Empirical Research Study of Science Faculty with Education Specialties, Contextual Research Strand NATIONAL SCIENCE FOUNDATION (REESE) 09-106	\$102,243	7/1/09 - 6/30/12
COSTANZO, PHILIP	Versatile Crosslinking Technology Towards the Development of Multifunctional Materials RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 09-132	\$43,533	7/1/09 - 6/30/11
FANTIN, DENNIS	Access Chemistry: An Adaptive Laboratory Chemistry Workshop for Students with Vision Impairments (Year 3) TRUE NORTH FOUNDATION 09-291	\$10,000	6/1/09 - 5/31/10
FERNANDO, RAYMOND JONES, DANE	Low VOC, Stain Blocking Specialty Primer Coating CA AIR RESOURCES BOARD 09-170	\$249,637	4/1/09 - 9/30/11
FOGLE, EMILY	Human Serine Hydroxymethyltransferase: An Anticancer Target CSUPERB: CSU FACULTY-STUDENT COLLABORATIVE RESEARCH SEED GRANT PROGRAM 09-085	\$15,000	6/1/09 - 5/31/10
FOGLE, EMILY	Control of reaction specificity in 2-amino-3-ketobutyrate CoA ligase RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 09-136	\$38,409	7/1/09 - 6/30/11

PROPOSALS SUBMITTED IN FISCAL YEAR 2009

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Chemistry and Biochemistry</u>			
IMMOOS, CHAD E.	International Collaboration in Chemistry: Functionalized Nanowires Using Modified DNA as Scaffold NATIONAL SCIENCE FOUNDATION AND ENGINEERING AND PHYSICAL SCIENCES RESEARCH COUNCIL 09-171	\$411,835	10/1/09 - 6/30/12
PALANDOKEN, HASAN	Alkoxyamine Polymers: Versatile Materials for Surface Ligation Applications RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 09-264	\$44,496	7/1/10 - 6/30/12
ROBINS, LORI	Synthesis and discovery of H. pylori aldo-keto reductase inhibitor CSUPERB: CSU FACULTY-STUDENT COLLABORATIVE RESEARCH SEED GRANT PROGRAM 09-083	\$15,000	5/1/09 - 5/31/10
ROBINS, LORI	Design and Synthesis of Heterocyclic Small Molecule Libraries for the Identification of Helicobacter pylori Aldo-keto Reductase Inhibitors RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 09-102	\$44,568	7/1/09 - 6/30/11
<u>College of Science & Mathematics</u>			
BAILEY, PHILIP CANO, RAUL	Construction of Cal Poly's Environmental Biotechnology Institute NATIONAL INSTITUTES OF HEALTH - ARRA CONSTRUCTION GRANT 09-265	\$3,484,641	1/31/10 - 8/28/12
<u>Kinesiology</u>			
MCDERMOTT, ANN	Community Advocacy to Prevent Childhood Obesity in San Luis Obispo CALIFORNIA ENDOWMENT VIA SAN LUIS OBISPO COUNTY - PUBLIC HEALTH SERVICES 09-243	\$37,000	4/1/09 - 11/30/10
PHELAN, SUZANNE	Proposal for Study to Promote Healthy Weight Gain During Pregnancy NATIONAL INSTITUTES OF HEALTH VIA LIFESPAN AT MIRIAM HOSPITAL 09-016	\$586,906	9/1/08 - 8/31/10
PHELAN, SUZANNE	Promoting Post-Partum Weight Loss in Low Income Moms NATIONAL INSTITUTES OF HEALTH - NHLBI 09-066	\$5,087,142	6/1/09 - 5/31/14
PHELAN, SUZANNE	Preventing Childhood Obesity Through Healthy Gestational Weight Gain and Family Lifestyle Intervention ALLEN FOUNDATION, INC. 09-176	\$584,583	6/1/09 - 5/31/12
PHELAN, SUZANNE	Prevention of Post Partum Weight Retention NATIONAL INSTITUTES OF HEALTH VIA LIFESPAN AT MIRIAM HOSPITAL (ARRA SUPPLEMENT) 09-253	\$44,012	7/1/09 - 8/31/10
PHELAN, SUZANNE	Keep Fit: A Video Doctor Intervention to Prevent Excessive Pregnancy Weight Gain NATIONAL INSTITUTES OF HEALTH VIA UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 09-284	\$70,358	1/1/10 - 12/31/13
PHELAN, SUZANNE SCHAFFNER, ANDREW	Prevention of Postpartum Weight Retention in Low Income WIC Women NATIONAL INSTITUTES OF HEALTH 09-289	\$2,601,327	12/1/09 - 11/30/13
PHELAN, SUZANNE	Internet-Based Program To Prevent Postpartum Weight Retention In Low-Income WIC Women U.S. DEPT OF AGRICULTURE (CSREES) - AFRI 09-327	\$1,499,997	1/1/10 - 12/31/12

PROPOSALS SUBMITTED IN FISCAL YEAR 2009

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Mathematics</u>			
BORZELLINO, JOSEPH KAUL, ANTON	REU: Summer Research Program in Algebra and Topology NATIONAL SCIENCE FOUNDATION 09-031	\$250,384	3/1/09 - 2/29/12
CAMP, CHARLES	Modeling the Influences of the QBO, the Solar Cycle and ENSO on the Strength of the Stratospheric Polar Night Vortex NATIONAL SCIENCE FOUNDATION (ROA) VIA UNIVERSITY OF WASHINGTON 09-177	\$79,018	5/1/09 - 4/30/11
CAMP, CHARLES	Collaborative Research: Mathematics and Climate Change Research Network NATIONAL SCIENCE FOUNDATION 09-290	\$82,414	9/1/09 - 8/31/14
GRUNDMEIER, TODD RETSEK, DYLAN	Exploring the Mathematics Content Knowledge Retention of Undergraduate Mathematics Majors NATIONAL SCIENCE FOUNDATION (CCLI) 09-281	\$198,317	9/1/09 - 8/21/12
<u>Physics</u>			
CHRISTIANSEN, JODI	Search for Cosmic Strings via Gravitational Lensing RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 09-116	\$26,809	7/1/09 - 6/30/11
CHRISTIANSEN, JODI	RUI: Search for Cosmic Strings via Gravitational Lensing NATIONAL SCIENCE FOUNDATION (AAG) 09-118	\$274,466	6/1/09 - 5/30/12
FERNSLER, JONATHAN	Competitive Absorption of Protein and Surfactant Films with Applications to Lung Surfactants RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 09-135	\$44,989	7/1/09 - 6/30/11
GILLEN, KATHARINA GUTIERREZ, THOMAS	RUI: Investigation of Atomic Dipole Traps Created by Diffraction of Laser Light for Use in Quantum Computing NATIONAL SCIENCE FOUNDATION (RUI) 09-065	\$260,728	6/15/09 - 6/14/12
HOLTZAPPLE, ROBERT	CAREER: Remote Operation of Synchrotron Radiation Beam Dynamics Laboratory NATIONAL SCIENCE FOUNDATION (CAREER) 08-308	\$203,192	7/1/08 - 4/30/09
MOELTER, MATTHEW	Summer Undergraduate Research Fellowship (Boulder, CO) NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY 09-244	\$7,500	5/21/09 - 9/1/09
SCHWARTZ, PETER BALTIMORE, CRAIG	Concentrating Sunlight for Clean Power in Communities and Industrial Centers: Distributed Solar Thermal Electric with Heat for Water, Buildings, and Absorption Cooling U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT (RMDA) 09-010	\$1,596,032	7/1/09 - 6/30/12
SCHWARTZ, PETER BALTIMORE, CRAIG	Intermediate Scale Concentrated Solar Power for Deployment in Populated Areas CA ENERGY COMMISSION PIER PROGRAM 09-077	\$95,000	4/1/09 - 3/30/10
SCHWARTZ, PETER BALTIMORE, CRAIG	Solar Power Towers in Populated Areas: Combined Cooling Heat and Power U.S. DEPT OF ENERGY, ADVANCED RESEARCH PROJECTS AGENCY - ENERGY (ARPA-E) 09-316	\$3,761,017	1/1/10 - 12/31/12
SHARPE, JOHN P SUNGAR, NILGUN	RUI: DynSyst_Special_Topics: Pattern Formation in an Extended Nonlinear Optical System: Growth and Decay of Spatial Modes and the Control of Spatiotemporal Behavior NATIONAL SCIENCE FOUNDATION (RUI) 09-207	\$180,087	7/1/09 - 6/30/12

PROPOSALS SUBMITTED IN FISCAL YEAR 2009

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Student Affairs			
<u>Student Academic Services</u>			
SPARLING, SUSAN CONN, W. DAVID	LLAVES: Latinos and Latinas Achieving and Valuing Educational Success EXCELENCIA IN EDUCATION - WALMART FOUNDATION 09-285	\$50,000	7/1/09 - 9/30/10
<u>Student Life & Leadership</u>			
CAMPBELL, RENODA	CULTUREFEST 2009 CITY OF SAN LUIS OBISPO (PCC) 09-275	\$4,700	7/1/09 - 6/30/10
ECHOLS, ERIN	Annual Western Regional LGBTQIA Conference CITY OF SAN LUIS OBISPO (PCC) 09-276	\$5,175	7/1/09 - 6/30/10
LAMB, STEPHAN	San Luis Obispo County Homeless Enumeration Project SAN LUIS OBISPO COUNTY 08-231	\$5,000	9/1/08 - 8/31/09
LAMB, STEPHAN	California's PROMISE (Pooling Regional Opportunities Maximizes Intensive Service Enhancement) Fellows AMERICORPS VIA NAPA COUNTY OFFICE OF EDUCATION 09-002	\$147,987	8/4/08 - 8/3/09
LAMB, STEPHAN	Cal Poly's PROMISE Fellows Program - Community Partners 2008-09 VARIOUS NON-PROFIT ORGANIZATIONS 09-047	\$130,000	8/4/08 - 8/3/09
LAMB, STEPHAN TORREY, JESSE	Central Coast Volunteer Corps 2008-09 VARIOUS NON-PROFIT ORGANIZATIONS 09-175	\$244,400	1/1/09 - 12/31/09
LAMB, STEPHAN HARKINS, JOY	Central Coast Volunteer Corps 2009 - Expansion AMERICORPS VIA CA VOLUNTEERS 09-250	\$232,517	6/1/09 - 5/31/10
LAMB, STEPHAN	Central Coast Volunteer Corps 2010 AMERICORPS VIA CA VOLUNTEERS 09-261	\$388,827	1/1/10 - 12/31/10
MOCKFORD, JASON	Cal Poly Open House 2010 CITY OF SAN LUIS OBISPO (PCC) 09-277	\$17,200	7/1/09 - 6/30/10
Other			
<u>Academic Programs</u>			
CONN, W. DAVID	Louis Stokes Alliance for Minority Participation Program (LSAMP) NATIONAL SCIENCE FOUNDATION VIA CSU, SACRAMENTO UNIVERSITY ENTERPRISES, INC. 09-097	\$19,500	9/1/08 - 5/31/13
CONN, W. DAVID	Louis Stokes Alliance for Minority Participation Program (LSAMP) Student Scholar Program NATIONAL SCIENCE FOUNDATION VIA CSU, SACRAMENTO UNIVERSITY ENTERPRISES, INC. 09-169	\$5,000	9/1/08 - 5/31/09

PROPOSALS SUBMITTED IN FISCAL YEAR 2009

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Center for Teaching & Learning</u>			
GRIMES, JOSEPH HERTER, ROBERTA	Addressing Critical Classroom Issues Related to the Quality of Student Learning CSU CHANCELLOR'S OFFICE - THE INSTITUTE FOR TEACHING & LEARNING 09-080	\$7,500	1/1/09 - 1/1/11
GRIMES, JOSEPH VICTORINO, CHRISTINE	The MERLOT ELIXR Project U.S. DEPT OF EDUCATION (FIPSE) VIA CSU CHANCELLOR'S OFFICE 09-149	\$7,500	1/1/09 - 12/31/09
<u>Honors Program</u>			
ALPTEKIN, SEMA E.	Service-Learning Curriculum and Infrastructure Development Initiative (Allocation Process 2007-2008) CSU CHANCELLOR'S OFFICE COMMUNITY SERVICE LEARNING 08-106	\$48,000	9/1/07 - 8/31/08
ALPTEKIN, SEMA E.	California's Call to Service Initiative (Allocation Process 2008-2009) CSU CHANCELLOR'S OFFICE COMMUNITY SERVICE LEARNING 09-107	\$48,000	11/1/08 - 6/30/09
<u>Performing Arts Center</u>			
REGIER, RON	Youth Outreach for the Performing Arts Center UNITED WAY OF SAN LUIS OBISPO COUNTY 09-056	\$4,000	7/1/09 - 6/30/10
<u>President's Office</u>			
HOWARD-GREENE, DANIEL	The California STEM Innovation (CSI) Network:Development and Design BILL & MELINDA GATES FOUNDATION AND BECHTEL FOUNDATION 09-133	\$600,000	1/1/09 - 12/31/09
HOWARD-GREENE, DANIEL	The California STEM Innovation (CSI) Network:Development and Design S. D. BECHTEL, JR. FOUNDATION 09-233	\$300,000	1/1/09 - 12/31/09
<u>Research & Graduate Programs</u>			
OPAVA, SUSAN	The California Central Coast Research Partnership: Building Relationships, Partnerships and Paradigms for University-Industry Research Collaboration U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 09-030	\$3,108,000	9/30/08 - 3/31/10
OPAVA, SUSAN	A Bi-National Partnership for Innovation and Knowledge Transfer. NATIONAL SCIENCE FOUNDATION (PFI) 09-128	\$599,845	7/1/09 - 6/30/12
OPAVA, SUSAN	Knowledge Transfer, Innovation, and Economic Development ECONOMIC DEVELOPMENT ADMINISTRATION, DEPARTMENT OF COMMERCE 09-254	\$484,202	7/15/09 - 7/14/12
<u>University Police Department</u>			
CRAMER, MARLENE WATTON, WILLIAM	Homeland Security Grant Program for 2008-09 U.S. OFFICE OF HOMELAND SECURITY VIA CA OFFICE OF EMERGENCY SERVICES VIA CSU CHANCELLOR'S OFFICE 09-130	\$26,958	6/1/09 - 3/31/10

PROPOSALS SUBMITTED IN FISCAL YEAR 2009

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>University Police Department</u>			
JORDAN, DONNA WATTON, WILLIAM	"Next Generation" - CLICK IT OR TICKET CA OFFICE OF TRAFFIC SAFETY (OTS) 09-035	\$7,506	10/1/08 - 9/8/09
WATTON, WILLIAM JORDAN, DONNA	Homeland Security Grant Program for 2007-08: Increasing Interoperable Communications U.S. DEPT OF HOMELAND SECURITY VIA CA OFFICE OF HOMELAND SECURITY, OFFICE OF EMERGENCY SERVICES VIA CSU CHANCELLOR'S OFFICE 09-052	\$24,000	3/4/08 - 12/31/08
GRAND TOTALS:		311 Proposals	\$81,284,810