

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Agriculture, Food & Env Sciences</u>			
<u>Agribusiness</u>			
CAI, XIAOWEI	Trans-Pacific Demands for California Organic Food CSU - AGRICULTURAL RESEARCH INITIATIVE 10-006	\$5,000	7/1/09 - 6/30/10
CAI, XIAOWEI	Market Analysis of Ethanol Capacity CSU - AGRICULTURAL RESEARCH INITIATIVE 10-016	\$40,000	7/1/09 - 6/30/11
CAI, XIAOWEI SHELTON, MARK	Collaborative Research: Exploring the Chinese Organic Food Market U.S. DEPT OF AGRICULTURE (NIFA) - ISE 10-134	\$149,997	8/1/10 - 7/31/14
CAI, XIAOWEI	The Organization, Regulation and Performance of the US Food System: Market Analysis of Ethanol Capacity U.S. DEPT OF AGRICULTURE (NIFA) VIA UNIVERSITY OF WISCONSIN - MADISON 10-183	\$6,000	1/1/10 - 12/31/10
HURLEY, SEAN	Energy, Economic, and Environmental Performance of Dairy Bio-power and Bio-methane Systems CA ENERGY COMMISSION PIER PROGRAM VIA SUMMERS CONSULTING, LLC 10-089	\$80,000	8/17/09 - 7/31/11
JAMES, JENNI	Agricultural Production Systems in Sub-Saharan Africa: An Analysis of Household-Level, Spatially Referenced Data INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE 10-060	\$22,000	9/1/09 - 12/31/09
MCCORKLE, ROBERT	U.S. Peace Corps On-campus Recruiter 2010-11 U.S. PEACE CORPS 10-315	\$15,855	10/1/10 - 9/30/11
NICHOLSON, CHARLES	Analysis of Program Options to Reduce Dairy Price Volatility MILK PRODUCERS COUNCIL 10-292	\$18,839	5/1/10 - 10/31/10
SCHROETER, CHRISTIANE	Developing a Business Model for a Campus Farmers Market: A Pioneer Study at Cal Poly CSU - AGRICULTURAL RESEARCH INITIATIVE 10-017	\$40,000	7/1/09 - 6/30/11
SCHROETER, CHRISTIANE	Examining the Competitiveness of Key Fruit and Vegetable Sectors in New York U.S. DEPT OF AGRICULTURE (NIFA) VIA CORNELL UNIVERSITY 10-054	\$9,950	10/1/09 - 12/31/11
SCHROETER, CHRISTIANE	Developing Marketing Plans for Campus Farmers' Markets: A Pioneer Study in California, Virginia, and Florida U.S. DEPT OF AGRICULTURE (AMS) 10-170	\$77,363	9/1/10 - 8/31/12
SCHROETER, CHRISTIANE	Developing a Marketing Plan for a Campus Farmers Market: A Pioneer Study in California, Virginia, and Florida U.S. DEPT OF AGRICULTURE (AMS) 10-207	\$98,725	10/1/10 - 9/30/11
<u>Agricultural Education</u>			
KELLOGG, BILL	San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2010-12) U.S. DEPT OF EDUCATION VIA CA DEPT OF EDUCATION 10-178	\$26,798	1/12/10 - 1/11/12

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Animal Science</u>			
BURD, MATTHEW	Dining at the Polar Smorgasbord: Understanding Leopard Seal Foraging Physiology NATIONAL SCIENCE FOUNDATION VIA BAYLOR UNIVERSITY 10-263	\$80,520	8/1/11 - 7/31/13
EDWARDS, MARK S	Evaluation of two extruded feeds fed in conjunction with grass forage on variable response criteria in gelding American quarter horses (Equus caballus) CANIDAE CORPORATION 10-182	\$24,120	11/1/09 - 4/30/10
HORNEY, MARC	Characteristics of nesting sites selected by sage-grouse at Clear Lake NWR, Modoc County CA CSU - AGRICULTURAL RESEARCH INITIATIVE 10-137	\$4,600	11/1/09 - 10/31/10
HUMPHREY, BROOKE	Acquisition of a Microcapillary Flow Cytometer for Animal Health Monitoring CSU - AGRICULTURAL RESEARCH INITIATIVE 10-073	\$19,380	7/1/09 - 6/30/11
HUMPHREY, BROOKE	Nutritional approaches to mitigate the catabolic response to infection U.S. DEPT OF AGRICULTURE (NIFA) VIA CSU AGRICULTURAL RESEARCH INSTITUTE 10-193	\$84,431	9/1/10 - 8/31/11
HUMPHREY, BROOKE	Early-life thermal and low oxygen conditioning and its long-term physiological impact on the chicken's ability to thrive in hot environments U.S. DEPT OF AGRICULTURE (NIFA) - AFRI VIA NORTH CAROLINA STATE UNIVERSITY 10-266	\$202,046	1/1/13 - 12/31/15
HUMPHREY, BROOKE	Defining the effects of climate-associated thermal stress on genes controlling feed intake and metabolism in broiler chickens U.S. DEPT OF AGRICULTURE (NIFA) - AFRI VIA UNIVERSITY OF MARYLAND 10-328	\$201,346	1/1/11 - 12/31/15
PETERSON, DANIEL BURD, MATTHEW	Investigating cryptorchidism: understanding the regulation of the insl3 gene GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION INC. 10-081	\$94,318	4/1/10 - 3/31/12
PETERSON, DANIEL	Collaborative study of nutritional endocrine interactions that regulate bovine mammary epithelial cell function UNIVERSITY OF CALIFORNIA/CALIFORNIA STATE UNIVERSITY/COMMUNITY COLLEGE COLLABORATIONS 10-119	\$9,000	1/1/10 - 12/31/10
PETERSON, DANIEL BURD, MATTHEW	Investigating Cryptorchidism: Understanding the regulation of the insl3 gene AMERICAN QUARTER HORSE ASSOCIATION 10-151	\$56,598	10/1/10 - 9/30/11
PETERSON, DANIEL	The differentiating mammary epithelial cell as a model for developmental biology—a proteomic and bioinformatic approach from laboratory to classroom NATIONAL INSTITUTES OF HEALTH - AREA 10-168	\$408,044	6/1/11 - 5/31/14
PETERSON, DANIEL	Fee-For-Service VARIOUS SPONSORS 10-201	\$0	2/1/10 - 12/31/10
<u>BioResource and Agricultural Engineering</u>			
BURT, CHARLES STYLES, STUART	Technical assistance for CRIT automation and SCADA (phase 2) COLORADO RIVER INDIAN TRIBES 10-153	\$60,725	1/1/10 - 12/31/10

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>BioResource and Agricultural Engineering</u>			
HOLTZ, ANDREW	Engineering Interventions to Promote Sustainability in Pre & Post Harvest Processing in the California Specialty Crop Sector CSU - AGRICULTURAL RESEARCH INITIATIVE 10-007	\$5,000	7/1/09 - 6/30/10
STYLES, STUART BURT, CHARLES	Water quality and efficiency improvements on strawberries: incorporating salinity evaluation into grower decision support U.S. DEPT OF AGRICULTURE (CSREES) 10-003	\$485,703	10/1/09 - 9/30/12
STYLES, STUART	Evaluation of Modified Drip Irrigation Strategies on Strawberries: Maintenance of Yields While Reducing Irrigation Runoff to Coastal Streams from Sprinklers CSU - AGRICULTURAL RESEARCH INITIATIVE 10-023	\$83,621	7/1/09 - 6/30/11
STYLES, STUART ABERCROMBY, KIRA	Technical assistance program to water districts U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION, MID PACIFIC REGION 10-084	\$1,500,000	5/1/10 - 4/30/15
STYLES, STUART BURT, CHARLES	Strawberry irrigation methods effects on salinity in the Salinas/Watsonville/Hollister area U.S. DEPT OF AGRICULTURE VIA CA DEPT OF FOOD AND AGRICULTURE 10-281	\$150,000	10/1/10 - 6/30/13
STYLES, STUART	Water resource modernization training in the Philippines WORLD BANK GROUP 10-295	\$34,700	4/20/10 - 5/20/10
<u>College of Agriculture</u>			
PEDERSEN, MARY	"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) 10-010	\$170,000	10/1/09 - 9/30/14
PEDERSEN, MARY	FEED (Food security, Education, the Environment, and sustainable Development) Zambia U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT 10-045	\$3,639,201	7/1/10 - 6/30/13
<u>Dairy Science</u>			
FARKYE, NANA	Improving lowfat Cheddar cheese texture with different amphiphiles and filler particles DAIRY MANAGEMENT, INC. 10-103	\$99,853	1/1/10 - 6/30/11
FARKYE, NANA	Increasing proteolysis in lowfat Cheddar cheese to enhance texture DAIRY MANAGEMENT, INC. 10-117	\$66,000	1/1/10 - 1/31/11
GOLDEN, BRUCE LUNDQUIST, TRYGVE	Best Practices for Agriculture Waste Management U.S. DEPT OF AGRICULTURE (NIFA) 10-169	\$280,800	6/1/10 - 5/31/11
JIMENEZ-FLORES, RAFAEL LAMMERT, AMY	The Impact of Dairy Foods on Gastric Digestion and Delivery of Nutritional and Functional Benefits CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 10-164	\$389,915	7/1/10 - 6/30/13
JIMENEZ-FLORES, RAFAEL	Determination of Ultra Violet Light Resistance of Bacterial Spores in Milk to Enhance Milk Powder Quality and Shelf-life CA DAIRY RESEARCH FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 10-217	\$90,000	1/1/10 - 12/31/10

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Dairy Science</u>			
LAMMERT, AMY	Developing Expertise in Sensory Evaluation CSU - AGRICULTURAL RESEARCH INITIATIVE 10-136	\$4,650	11/1/09 - 10/31/10
LAMMERT, AMY	Developing a sensory evaluation research program SOUTHERN CALIFORNIA INSTITUTE OF FOOD TECHNOLOGISTS SECTION (SCIFTS) 10-239	\$7,755	5/19/10 - 5/18/11
LAMMERT, AMY	The impact of food form on gastric breakdown and probiotic binding GLOBAL PROBIOTICS COUNCIL 10-240	\$50,000	7/1/10 - 6/30/11
TONG, PHILLIP	Improving Dairy Ingredients Functionality Through Research & Training Collaboration CA DAIRY RESEARCH FOUNDATION 10-071	\$10,000	1/1/10 - 6/30/10
TONG, PHILLIP	Cal Poly Dairy Ingredients Applications Program 2010 DAIRY MANAGEMENT, INC. 10-150	\$376,200	1/1/10 - 12/31/10
TONG, PHILLIP	Master Agreement: Calendar Year 2010 CA DAIRY RESEARCH FOUNDATION 10-159	\$0	1/1/10 - 12/31/10
TONG, PHILLIP	DPTC Operations 2010 - Continuing the Growth and Maintenance of a Sustainable California Dairy Industry in Domestic and Global Markets CA DAIRY RESEARCH FOUNDATION 10-211	\$226,800	1/1/10 - 12/31/10
<u>Food Science & Nutrition</u>			
BOSE, TANUSHREE	Regulation of NFκB dependent cytokine expression by Vitamin D in adipocytes CSU - AGRICULTURAL RESEARCH INITIATIVE 10-005	\$5,000	7/1/09 - 6/30/10
BOSE, TANUSHREE	Effect of Vitamin D on inflammation-induced insulin resistance in adipocytes CSU - AGRICULTURAL RESEARCH INITIATIVE 10-189	\$6,000	1/1/10 - 12/31/10
HALL, LAURA REAVES, SCOTT	Vitamin D Status and Effectiveness of Supplementation in Overweight and Obese Adults UNIVERSITY OF CALIFORNIA/CALIFORNIA STATE UNIVERSITY/COMMUNITY COLLEGE COLLABORATIONS 10-107	\$10,000	1/1/10 - 12/31/10
HALL, LAURA	FLASH College Study Vitamin D Subset Analysis CSU - AGRICULTURAL RESEARCH INITIATIVE 10-138	\$4,650	11/1/09 - 10/31/10
HAMPSON, BRIAN YILDIZ, ILHAMI	Algal Biomass Production Using Closed-Loop Tubular Photobioreactors CSU - AGRICULTURAL RESEARCH INITIATIVE 10-022	\$186,025	7/1/09 - 6/30/12
HAMPSON, BRIAN	New Technology for High-Density Algae Production Using Tubular Photo-Bioreactors - Phase I U.S. DEPT OF AGRICULTURE (CSREES) - SBIR VIA PHYCOTECH INC. 10-036	\$24,363	5/1/10 - 12/31/10
LATHROP, AMANDA	Food Safety Lab Set-Up and Preliminary Data Generation CSU - AGRICULTURAL RESEARCH INITIATIVE 10-133	\$4,650	11/1/09 - 10/31/10

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Food Science & Nutrition</u>			
LATHROP, AMANDA	Survival and Thermal Resistance of Salmonella in Bakery Items Containing Peanut-Derived Product as an Ingredient ILSI NORTH AMERICA 10-139	\$127,496	7/1/10 - 6/30/11
LATHROP, AMANDA	Cal Poly food safety lab set-up SOUTHERN CALIFORNIA INSTITUTE OF FOOD TECHNOLOGISTS SECTION (SCIFTS) 10-241	\$12,828	5/19/10 - 5/18/11
NAZMI, AYDIN MCDERMOTT, ANN	Modifiable predictors of weight gain and biological risk markers for cardiovascular disease in a university setting: A longitudinal follow-up to the Cal Poly FLASH cohort NATIONAL INSTITUTES OF HEALTH - AREA (ARRA) 10-030	\$413,770	8/1/10 - 7/31/12
NAZMI, AYDIN	Long-term inflammatory consequences of maternal smoking; findings from young adults belonging to a Brazilian birth cohort CSU - AGRICULTURAL RESEARCH INITIATIVE 10-126	\$5,000	10/1/09 - 9/30/10
NEUHAUS, THOMAS ARENS, ROBERT	Development of a Cocoa Study Center in Ebekawopa, Ghana NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 10-112	\$49,000	1/1/10 - 9/1/11
NICHOLSON, LISA	Using Facilitated Group Discussion to Enhance Parent Nutrition Education SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 10-088	\$4,994	1/1/10 - 12/31/10
PAPATHAKIS, PEGGY NEUHAUS, THOMAS	Sustainable West African Cocoa-Farming Villages: International Nutrition and Economic Perspectives U.S. DEPT OF AGRICULTURE (NIFA) - ISE 10-181	\$149,970	9/1/10 - 8/31/12
RITCHIE, GERRY	Wine Filtering & Monoblock Bottling System CSU - AGRICULTURAL RESEARCH INITIATIVE 10-019	\$110,000	7/1/09 - 6/30/10
<u>Horticulture & Crop Science</u>			
BROWN, J WYATT	Refurbishing the ICP Spectrometer for Interdepartmental Use CSU - AGRICULTURAL RESEARCH INITIATIVE 10-179	\$2,410	1/1/10 - 12/31/10
BROWN, J WYATT	PEAKfresh, Tectrol and Strawberries PEAKFRESHUSA 10-277	\$20,000	4/1/10 - 4/1/11
BROWN, J WYATT	Storability and Comparative Quality of Four Varieties of Tomato SYNGENTA SEEDS, INC. 10-278	\$40,001	5/15/10 - 4/1/11
BROWN, J WYATT	Development of Novel, Antimicrobial Plant Essential-oil Treatments to Reduce the Postharvest Incidence and Severity of Botrytis cinerea on Fresh Strawberries U.S. DEPT OF AGRICULTURE VIA CA DEPT OF FOOD AND AGRICULTURE 10-296	\$104,851	10/1/10 - 9/30/12
COSTELLO, MICHAEL J WONG, JEFFREY C.	Vine genetic response to environmental conditions can provide clues to managing spider mites AMERICAN VINEYARD FOUNDATION 10-209	\$54,043	6/1/10 - 5/31/11
HEADRICK, DAVID	Alternative Management Tactics for Citrus Leafminer in Citrus U.S. DEPT OF AGRICULTURE VIA CA DEPT OF FOOD AND AGRICULTURE VIA UNIVERSITY OF CALIFORNIA, DAVIS 10-087	\$93,588	10/1/10 - 9/30/13

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Horticulture & Crop Science</u>			
HEADRICK, DAVID DOUGLAS, CYNTHIA	Development of Social Media Tools to Enhance Organic Grower Information Networks ORGANIC FARMING RESEARCH FOUNDATION 10-108	\$3,376	1/1/10 - 12/31/10
HEADRICK, DAVID	Biology and management of <i>Trupanea vincina</i> , a native fruit fly species that has become a pest in ornamental flower production U.S. DEPT OF AGRICULTURE (NIFA) VIA CSU AGRICULTURAL RESEARCH INSTITUTE 10-192	\$51,476	9/1/10 - 8/31/11
WONG, JEFFREY C. MARK, WALTER	Identification of Pitch Canker Resistance Genes in a native Monterey pine stand CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 10-166	\$235,618	7/1/10 - 6/30/13
<u>Natural Resource Management</u>			
DICUS, CHRISTOPHER A.	Landscape-Level Impacts To Wildland Fire Severity, Carbon Sequestration And Air Quality As Affected By Alternative Fuel Treatment Strategies CSU - AGRICULTURAL RESEARCH INITIATIVE 10-021	\$120,712	7/1/09 - 6/30/12
DICUS, CHRISTOPHER A.	McIntire-Stennis - Impacts of Alternative Fuel Treatment Strategies on Landscape-level Wildland Fire Severity, Carbon Sequestration and Air Quality U.S. DEPT OF AGRICULTURE (NIFA) 10-141	\$44,046	10/1/09 - 9/30/12
DIETTERICK, BRIAN	Post-Fire Change Detection of Selected Water Quality and Watershed Characteristics following the 2009 Lockheed Fire CSU - AGRICULTURAL RESEARCH INSTITUTE (SYSTEMWIDE) 10-165	\$441,493	7/1/10 - 6/30/13
GILL, SAMANTHA THOMPSON, RICHARD	FIA urban forestry project U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 10-238	\$991,700	4/1/10 - 9/30/13
MARK, WALTER CAMILLI, KIM	Southern Area Sudden Oak Death Monitoring Plan U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 10-191	\$32,304	2/1/10 - 1/31/11
MARK, WALTER CAMILLI, KIM	Regional Forest Health Specialist CA DEPT OF FORESTRY 10-213	\$402,029	5/1/11 - 4/30/14
PIIRTO, DOUGLAS SHELTON, MARK	McIntire-Stennis Forestry Research Program (2009-2010) U.S. DEPT OF AGRICULTURE (NIFA) 10-111	\$49,005	10/1/09 - 9/30/10
PIIRTO, DOUGLAS SHELTON, MARK	McIntire-Stennis Cooperative Forestry Research Act Program (2009-2010) U.S. DEPT OF AGRICULTURE (NIFA) 10-122	\$121,874	10/1/09 - 9/30/10
SINK, SCOTT	Start-up dendrochronology equipment for the NRM Department CSU - AGRICULTURAL RESEARCH INITIATIVE 10-135	\$4,650	11/1/09 - 10/31/10
THOMPSON, RICHARD SINK, SCOTT	McIntire-Stennis - Identification of Forestland Management and Market Conditions for Profitable Investment in Carbon Storing Forestry-Offset Projects Using the California Climate Action Registry Protocols U.S. DEPT OF AGRICULTURE (NIFA) 10-142	\$19,859	10/1/09 - 9/30/11

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Recreation, Parks, & Tourism Administration</u>			
GREENWOOD, BRIAN	The Efficacy of Establishing Sports Empowerment Zones in Economically Disadvantaged Urban Areas WILLIAM T. GRANT FOUNDATION VIA UP2US 10-264	\$187,346	5/1/11 - 4/30/14
<u>Architecture & Env Design</u>			
<u>Architectural Engineering</u>			
LAURSEN, PETER	NEESR-CR: Multi-performance Structural Grid Systems Utilizing Insulated Concrete Forms NATIONAL SCIENCE FOUNDATION (NEESR) VIA PORTLAND STATE UNIVERSITY 10-214	\$35,322	10/1/10 - 9/30/13
LYNN, ABRAHAM MCDANIEL, COLE	NEESR-CR: Post-Earthquake Assessment of Concrete Buildings NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF WASHINGTON 10-303	\$74,999	10/1/10 - 9/30/13
MCDANIEL, COLE	Creation of Engineering Self-Efficacy Scales NATIONAL SCIENCE FOUNDATION (REESE) VIA NORTHERN ARIZONA UNIVERSITY 10-127	\$80,000	7/1/10 - 6/30/13
MCDANIEL, COLE ARCHER, GRAHAM	Classroom Dynamics - A Guided Discovery-Based Learning Experience NATIONAL SCIENCE FOUNDATION (TUES) 10-298	\$175,556	1/1/11 - 12/31/13
SALIKLIS, EDMOND ARENS, ROBERT	Design of a Rapidly Assembled Emergency Shelter: Material Modeling and Structural Architecture NATIONAL SCIENCE FOUNDATION 10-143	\$275,721	6/1/10 - 5/31/12
<u>Architecture</u>			
DOERFLER, JAMES	Architecture Design Solutions Student Projects AUTODESK INC. 10-056	\$10,000	1/1/10 - 7/1/10
DOERFLER, JAMES CHEN, KATHERINE C.	EVO- EVOLving the Responsive Building Envelope NATIONAL SCIENCE FOUNDATION (EFRI) 10-066	\$1,999,987	7/1/10 - 6/30/14
POHL, JENS	ICODES Development and Software Maintenance Support – Stage 19 U.S. DEPT OF DEFENSE VIA CDM TECHNOLOGIES, INC. 10-049	\$349,993	8/29/09 - 3/26/10
POHL, JENS ASSAL, HISHAM	Intelligent Agent Support for Energy Conservation in Building Design in the Context of Sustainability U.S. DEPT OF ENERGY - NATIONAL ENERGY TECHNOLOGY LAB 10-053	\$1,722,090	11/1/09 - 3/31/11
POHL, JENS	ICODES development and software maintenance support - Stage 20 U.S. DEPT OF DEFENSE VIA CDM TECHNOLOGIES, INC. 10-212	\$119,988	2/27/10 - 4/23/10
POHL, JENS	ICODES Development and Software Maintenance Support – Stage 21 U.S. DEPT OF DEFENSE VIA CDM TECHNOLOGIES, INC. 10-311	\$239,977	5/8/10 - 8/27/10
STANNARD, SANDRA MCDERMOTT, ANN	Nature's Classroom: An Interactive Place for Enhanced Outdoor Learning for Bishop's Peak/Teach Elementary School Students SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION - HEAL-SLO 10-284	\$5,000	7/1/10 - 6/30/11

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>City & Regional Planning</u>			
GREVE, ADRIENNE	City of San Luis Obispo Climate Action Plan U.S. DEPT OF ENERGY NATIONAL ENERGY TECHNOLOGY LAB. (ARRA) VIA CITY OF SAN LUIS OBISPO 09-308	\$29,749	9/7/09 - 4/30/10
NUWORSOO, CORNELIUS PANDE, ANURAG	Guidelines for Transit Bus Stop Spacing: Improving Accessibility and Performance U.S. DEPT OF TRANSPORTATION AND CALTRANS VIA MINETA TRANSPORTATION INSTITUTE AT SAN JOSE STATE UNIVERSITY 10-029	\$64,546	8/1/10 - 7/31/11
NUWORSOO, CORNELIUS	Smart Dial-a-Ride for Demand-Responsive Transit: Operations Analysis and Development of a Concept for Improvements CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-032	\$49,729	9/1/09 - 10/31/10
NUWORSOO, CORNELIUS	City of Arroyo Grande Community Planning Project CITY OF ARROYO GRANDE 10-063	\$9,999	9/21/09 - 5/31/10
TOKER, UMUT	Draft Downtown Soledad Urban Design Plan - CRP 203 CITY OF SOLEDAD 10-218	\$9,835	3/30/10 - 7/15/10
TOKER, UMUT CLARK, CHRIS	Morro Bay Draft Downtown Specific Plan - CRP 553 CITY OF MORRO BAY 10-219	\$9,865	4/1/10 - 7/15/10
<u>Construction Management</u>			
BARLOW, PHILIP	Effects on Re-Inspection of Utilizing Internet Based Quality Control Software Services (IB-QC-SS) on Hospital Construction Projects HEALTHCARE TECHNICAL SERVICES (HTS) 10-275	\$10,000	4/1/10 - 9/30/10
HAUCK, ALLAN	Contruction Management Education Account 2009-10 CA CONTRACTORS STATE LICENSE BOARD 10-265	\$41,278	1/1/10 - 12/31/10
KORMAN, THOMAS	CAREER: Non-concurrent product life-cycle integration for co-existing systems NATIONAL SCIENCE FOUNDATION (CAREER) 10-002	\$453,933	9/14/09 - 9/13/14
KORMAN, THOMAS SIMONIAN, LONNY G.	BIM Training and Implementation Course for Electrical Contractors ELECTRI INTERNATIONAL 10-161	\$35,483	4/1/10 - 3/31/11
SIMONIAN, LONNY G. KORMAN, THOMAS	Value Recognition and Promotion of Project Management Professional (PMP) Certification within the Building Construction Industry (BCI) PROJECT MANAGEMENT INSTITUTE 10-310	\$49,939	1/1/11 - 9/12/11
<u>Landscape Architecture</u>			
TORRES-BUSTAMANTE, CESAR NEVEU, MARC	Laboratory for Urban Identity Studies (LUIS): Local Identity of Global Cities in North America U.S. DEPT OF EDUCATION (FIPSE) 10-220	\$185,000	9/1/10 - 8/31/14

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Business			
<u>Accounting</u>			
CARR, CHRIS	Assessing the legal and economic impacts of container fees used to finance transportation improvements and enhance air quality CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-330	\$49,995	9/13/10 - 9/12/11
CERF, DOUGLAS	California Polytechnic State University VITA program coalition INTERNAL REVENUE SERVICE - (VITA) 10-015	\$130,246	7/1/09 - 6/30/10
QUIJANO, EDDY	Cal Poly Low Income Taxpayer Clinic INTERNAL REVENUE SERVICE - (LITC) 09-263	\$95,723	1/1/10 - 12/31/10
<u>Finance</u>			
ANDERSON, BING	Reducing the cost of debt of California by establishing a state owned bank CALIFORNIA DEBT AND INVESTMENT ADVISORY COMMISSION VIA CALIFORNIA STATE UNIVERSITY, SACRAMENTO 10-205	\$30,000	3/1/10 - 1/24/11
RIENER, KENNETH	Economic impact of diablo canyon nuclear energy facility PACIFIC GAS & ELECTRIC COMPANY 10-145	\$28,897	11/1/09 - 1/30/10
<u>Industrial Technology</u>			
TORNATZKY, LOUIS METCALF, LYNN	Stranded assets: Geographically isolated university towns and regional technology-based economic development NATIONAL SCIENCE FOUNDATION 10-052	\$667,253	6/15/10 - 6/14/13
TORNATZKY, LOUIS SINGH, JAGJIT	IT Consortium Task #1: Life cycle inventory (LCI) as a tool for packaging sustainability IT CONSORTIUM 10-185	\$36,781	9/1/09 - 8/31/10
TORNATZKY, LOUIS SINGH, JAGJIT	IT Consortium Task #2: Development of a database of LCI based studies conducted worldwide for packaging applications IT CONSORTIUM 10-186	\$42,482	9/1/09 - 8/31/10
TORNATZKY, LOUIS VORST, KEITH	IT Consortium Task #3: Validation of post-consumer recycled (PCR) and bio-based, biodegradable substrate composition, ASTM label claims for sustainability, food safety, performance and regulatory compliance IT CONSORTIUM 10-187	\$44,482	9/1/09 - 8/31/10
TORNATZKY, LOUIS VORST, KEITH	IT Consortium Task #4: Migration of low-molecular weight compounds from polymeric substrates IT CONSORTIUM 10-188	\$44,482	9/1/09 - 8/31/10
TORNATZKY, LOUIS VORST, KEITH	IT Consortium IT CONSORTIUM 10-203	\$0	9/1/09 - 8/31/10
VORST, KEITH	Development of a bio-based and biodegradable polylactic acid spray coating and hot melt adhesive for corrugate and paperboard packages HENKEL - INDUSTRIAL ADHESIVES AND LBP MANUFACTURING 10-113	\$159,059	1/1/10 - 12/31/10

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Management</u>			
LERTWACHARA, KEVIN	Multidimensional Information Search and Retrieval: Bridging Rigid Semantics and User Preferences NATIONAL ENDOWMENT FOR THE HUMANITIES 09-296	\$99,327	1/1/10 - 3/31/11
<u>Marketing</u>			
NEILL, STERN COGET, JEAN-FRANCOIS	RUI: Small change upper echelons theory and the social psychology of incremental innovation in California's wine industry NATIONAL SCIENCE FOUNDATION (RUI) 10-177	\$293,908	10/1/10 - 9/30/13
<u>Education</u>			
KONOPAK, BONNIE CEASER, LISBETH	Central California Partnership for Teacher Quality Programs: CSU Bakersfield, CSU Monterey Bay, Cal Poly U.S. DEPT OF EDUCATION VIA CSU BAKERSFIELD 10-004	\$2,226,344	10/1/09 - 9/30/14
<u>Engineering</u>			
<u>Aerospace Engineering</u>			
MCDONALD, ROBERT WESTPHAL, RUSSELL	Cal Poly Flight Test Platform and Instrumentation Development U.S. AIR FORCE, EDWARDS AFB 10-051	\$41,436	9/30/09 - 9/30/10
PUIG-SUARI, JORDI	Poly Picosatellite Orbital Deployer (P-POD) Project NASA - KENNEDY SPACE CENTER 09-236	\$0	10/1/09 - 9/30/14
PUIG-SUARI, JORDI	P-POD Integration and Launch Support NASA Wallops via Hawk Institute for Space Science LLC 09-303	\$32,500	5/1/09 - 4/30/10
PUIG-SUARI, JORDI COELHO, ROLAND	P-POD and RocketPod on Steroids, Phase II DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) VIA ECLIPTIC ENTERPRISES CORPORATION 10-009	\$300,000	7/1/09 - 6/30/10
PUIG-SUARI, JORDI	Light Sail 1 mission PLANETARY SOCIETY VIA STELLAR EXPLORATIONS 10-037	\$159,600	4/1/10 - 7/31/11
PUIG-SUARI, JORDI	CubeSat Electrical Power Subsystem and Thermal Management Program Design and Testing Support NATIONAL RECONNAISSANCE OFFICE VIA THE BOEING COMPANY 10-055	\$35,714	2/22/10 - 10/30/10
PUIG-SUARI, JORDI	Colony II Environmental Test Support Services NATIONAL RECONNAISSANCE OFFICE VIA THE BOEING COMPANY 10-064	\$310,000	3/2/10 - 12/1/12
PUIG-SUARI, JORDI	Poly Picosatellite Orbital Deployer (P-POD) NPP Project Mission Support NASA - KENNEDY SPACE CENTER 10-243	\$52,925	3/1/10 - 9/30/11

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Aerospace Engineering</u>			
PUIG-SUARI, JORDI	Mayflower P-POD Integration and Testing Support APPLIED MINDS INC. 10-267	\$55,000	5/1/10 - 8/31/10
PUIG-SUARI, JORDI	Cubesat/Collaborative Research: Composition variations in the exosphere, thermosphere, and topside ionosphere (EXOCUBE) NATIONAL SCIENCE FOUNDATION VIA SCIENTIFIC SOLUTIONS INC. 10-297	\$476,000	11/18/10 - 11/17/13
<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) 09-273	\$401,658	7/1/10 - 6/30/15
CARDINAL, TREVOR	The Impact of Chronic Ischemia and Vascular Remodeling on Collateral Artery Vascular Reactivity and Blood Flow Regulation. NATIONAL INSTITUTES OF HEALTH - AREA (R15) 10-097	\$419,750	7/1/10 - 6/30/13
CARDINAL, KRISTEN	Development of a tissue engineered blood brain barrier In Vitro Model CSUPERB: CSU FACULTY-STUDENT COLLABORATIVE RESEARCH SEED GRANT PROGRAM 10-233	\$15,000	5/1/10 - 10/31/11
CLAGUE, DAVID	Nanoelectrode-Dielectrophoresis and Impedance Sensing of Submicron Particles DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) 10-232	\$209,212	8/1/10 - 7/31/12
LAIHO, LILY JIMENEZ-FLORES, RAFAEL	Evaluation of Sphingomyelin as an Inhibitor of Skin Cancer Induced by UV THE AMERICAN CANCER SOCIETY 10-091	\$696,605	7/1/10 - 6/30/14
SZLAVIK, ROBERT	Determination of peripheral nerve conduction velocity distributions using a novel electrophysiology technique CSUPERB: CSU FACULTY-STUDENT COLLABORATIVE RESEARCH SEED GRANT PROGRAM 10-234	\$14,919	5/1/10 - 10/31/11
<u>Civil & Environmental Engineering</u>			
GOEL, RAKESH	Bridge Design for Earthquake Fault Crossings: Synthesis of Design Issues and Strategies CA DEPT OF TRANSPORTATION (CALTRANS) 10-092	\$189,064	6/1/10 - 5/31/12
GOEL, RAKESH	LNGTEMS/MOTEMS Performance-based seismic criteria CALIFORNIA STATES LANDS COMMISSION (CSLC) 10-146	\$44,737	12/1/09 - 6/30/11
HANSON, JAMES YESILLER, NAZLI	Evaluation of thermal conditions and mechanical response of liner systems at the Corralitos Regional Landfill, Task #1 SOUTH CENTRAL SOLID WASTE AUTHORITY 09-271	\$20,000	6/1/09 - 5/31/11
HANSON, JAMES YESILLER, NAZLI	MRI-R2: Acquisition of integrated system for multi-scale analysis of surface characteristics in civil engineering applications NATIONAL SCIENCE FOUNDATION (MRI-R2) - ARRA 09-297	\$779,034	6/1/10 - 5/31/13
JANSEN, DANIEL THATCHER, TRACY	VOC emissions from flooring systems and the impact of floor leveling screeds ADVANCED RESURFACING CONCRETE PRODUCTS, INC. 10-058	\$6,143	9/1/09 - 11/1/09

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Civil & Environmental Engineering			
KACHLAKEV, DAMIAN I. LEHR, CORINNE	Durability Studies of Modified Plastering Mixes, Surface Deteriorations of Plastered Swimming Pools-Phase Seven NATIONAL PLASTERERS COUNCIL INC. 10-102	\$142,485	10/1/09 - 9/30/10
KACHLAKEV, DAMIAN I. LEHR, CORINNE	IPSSA Protocol Phase 1 INDEPENDENT POOL AND SPA SERVICE ASSOCIATION, INC. 10-271	\$6,423	12/30/09 - 6/30/10
LUNDQUIST, TRYGVE	Demonstrate the Use of Algalculture Biomass as a Feedstock for Biodiesel Production U.S. DEPT OF DEFENSE VIA NAVFAC ENGINEERING SERVICE CENTER (ARRA) 10-011	\$53,929	3/1/10 - 1/1/13
LUNDQUIST, TRYGVE LEHR, CORINNE	Use of Existing Microalgal "Cultivars" in Strain Selection for Biofuel Feedstock U.S. DEPT OF ENERGY VIA ARIZONA STATE UNIVERSITY 10-012	\$500,000	1/1/10 - 12/31/12
LUNDQUIST, TRYGVE	Low-cost waste-grown algae biofuel feedstock production CA ENERGY COMMISSION 10-038	\$250,000	10/1/10 - 3/31/12
MOSS, ROBB	NEESR-CR: Towards physics-based numerical models of earthquake-induced slope movements: experimental and numerical studies NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF TEXAS, AUSTIN 10-251	\$78,691	9/1/10 - 8/31/13
MOSS, ROBB	Research towards a more comprehensive less biased predictor of site response. U.S. GEOLOGICAL SURVEY (EARTHQUAKE HAZARDS PROGRAM) 10-312	\$56,371	12/1/10 - 11/30/11
MULETA, MISGANA	RUI: Towards the Development of an Integrative Multi-objective Decision Support Model for Watershed Management NATIONAL SCIENCE FOUNDATION (RUI) 10-082	\$236,616	7/1/10 - 6/30/13
MULETA, MISGANA	BRIGE: Integrative modeling for planning and management of sustainable water resources systems NATIONAL SCIENCE FOUNDATION (BRIGE) 10-246	\$173,330	9/1/10 - 8/31/12
NELSON, YARROW M. LUNDQUIST, TRYGVE	Microalgae production and harvesting in wastewater MICROBIO ENGINEERING INC. 10-155	\$54,036	7/1/09 - 12/31/10
NELSON, YARROW M. VIGIL, SAM A	Sustainable local production of paper from yard waste U.S. ENVIRONMENTAL PROTECTION AGENCY 10-172	\$9,240	8/15/10 - 8/14/11
PANDE, ANURAG NUWORSOO, CORNELIUS	Assessment of Public Perception of User-Based fees and Tolls to Finance Transportation Infrastructure Improvements CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-080	\$49,995	10/1/09 - 9/30/10
PANDE, ANURAG NUWORSOO, CORNELIUS	Proactive assessment of accident risk to improve safety on a system of freeways U.S. DEPT OF TRANSPORTATION AND CALTRANS VIA MINETA TRANSPORTATION INSTITUTE AT SAN JOSE STATE UNIVERSITY 10-322	\$53,898	9/1/10 - 8/31/11
QU, BING	NEESR-CR: Seismic-Resistant concrete-filled steel plate sandwich walls (CFSP Sandwich Walls) NATIONAL SCIENCE FOUNDATION VIA SUNYAT BUFFALO 10-252	\$284,197	10/1/10 - 9/30/13

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Civil & Environmental Engineering</u>			
QU, BING	NEESR-CR: Collapse prevention for new and existing low-ductility steel concentrically-braced frames NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN 10-293	\$89,380	10/1/10 - 9/30/13
RAHIM, ASHRAF M.	Soil Stabilization Guide CALTRANS VIA UNIVERSITY OF CALIFORNIA, DAVIS 10-048	\$60,222	1/1/10 - 8/31/10
RAHIM, ASHRAF M.	Mitigating moisture susceptibility of asphalt mixes CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-184	\$48,140	3/1/10 - 2/28/11
RAHIM, ASHRAF M.	Summer Undergraduate Research Fellowship (Gaithersburg, MD) NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (SURF) 10-225	\$8,315	5/1/10 - 9/30/10
RAHMAN, SHIKHA	TUES: Adaptive learning environment: Course Modules for fluctuating learning styles NATIONAL SCIENCE FOUNDATION (TUES) 10-319	\$127,530	1/1/11 - 12/31/12
YESILLER, NAZLI HALL, GARRETT J.	MRI: Acquisition of optical interferometry system for multi-scale analysis of surface characteristics for civil engineering applications NATIONAL SCIENCE FOUNDATION (MRI) 10-253	\$371,982	1/3/11 - 1/2/14
<u>College of Engineering</u>			
BREITENBACH, STACEY	MESA Schools Program 2010-2011 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 10-245	\$80,000	7/1/10 - 6/30/11
DURGIN, WILLIAM	Support for the Cal Poly e-plane project CALIFORNIA SPACE GRANT CONSORTIUM 10-167	\$10,000	2/1/10 - 8/31/10
DURGIN, WILLIAM	Center for renewable energy and alternative electric transportation technologies (CREATT) U.S. DEPT OF ENERGY 10-224	\$250,000	7/1/10 - 6/30/11
<u>Computer Science</u>			
CLARK, CHRISTOPHER MOLINE, MARK	REU Site: Acoustic Tracking of Marine Species with AUV's NATIONAL SCIENCE FOUNDATION (REU) 09-300	\$257,877	4/1/10 - 3/31/13
CLARK, CHRISTOPHER	CAREER: Tracking Dynamic Marine Entities using Autonomous Underwater Vehicles NATIONAL SCIENCE FOUNDATION (CAREER) 09-301	\$624,646	4/1/10 - 3/31/15
CLARK, CHRISTOPHER LEHR, JANE	International: Underwater Archeology via Robotic Systems NATIONAL SCIENCE FOUNDATION (IRES) 10-057	\$150,000	9/1/10 - 8/31/13
CLARK, CHRISTOPHER MOLINE, MARK	Arctic Ice Edge Ecosystem Exploration and Sampling via Automated Underwater Vehicles NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) 10-094	\$460,930	4/1/10 - 3/31/12
CLARK, CHRISTOPHER MOLINE, MARK	RI: Small: RUI: Shark Tracking with Multiple Autonomous Underwater Vehicles NATIONAL SCIENCE FOUNDATION (IIS) 10-100	\$499,440	7/1/10 - 6/30/13

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Computer Science</u>			
CLARK, CHRISTOPHER MOLINE, MARK	IDR: Tracking dynamic marine entities using autonomous underwater vehicles NATIONAL SCIENCE FOUNDATION (IDR) 10-154	\$595,849	6/1/10 - 5/31/13
CLARK, CHRISTOPHER CLEMENTS, JOHN	Exploring the relationship between computing education and applications of computing NATIONAL SCIENCE FOUNDATION (TUES) 10-222	\$199,768	11/1/10 - 10/31/13
DEKHTYAR, ALEXANDER	HCC: Small: Collaborative Research: Decision-theoretic advising NATIONAL SCIENCE FOUNDATION (IIS) 10-160	\$137,589	7/1/10 - 6/30/12
<u>Electrical Engineering</u>			
BRAUN, DAVID ELLIOT, DENNIS	Soft-switching DC-DC conversion to harvest exercise machine electricity CA ENERGY COMMISSION - ENERGY INNOVATIONS SMALL GRANT PROGRAM 10-229	\$51,904	12/1/10 - 11/30/11
DERICKSON, DENNIS	High Speed Laser Distance and Ranging (LADAR) and sensing applications using Wavelength-tunable photonic integrated circuits DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) 10-231	\$214,894	10/1/10 - 10/1/12
GERFEN, JEFFREY	Smart Dial-a-Ride for Demand-Responsive Transit Operations: Research and Development of a Prototype Dispatch Assistance Tool CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-033	\$49,990	10/1/09 - 10/31/10
GERFEN, JEFFREY	Deployment support for Efficient Deployment of Advanced Public Transportation Systems (EDAPTS): Preparation for final operational testing CA DEPARTMENT OF TRANSPORTATION (CALTRANS) 10-221	\$174,995	4/5/10 - 6/30/12
JIN, XIAOMIN	A Hybrid InP/Si High-power Phased-array Photonic Emitter with Rapid and Wide Range Steering DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) VIA GEORGIA INSTITUTE OF TECHNOLOGY 10-132	\$219,970	7/1/10 - 6/30/14
OLIVER, JOHN MAGNUSSON, SHIRLEY	Using Siftables for STEM Learning in Primary Schools NATIONAL SCIENCE FOUNDATION (RUI) 10-101	\$601,496	6/14/10 - 6/13/13
SAGHRI, JOHN A. ZHANG, XIAOZHENG (JANE)	REU Site: Advancing Computer Vision in Remote Sensing (ACVRS) NATIONAL SCIENCE FOUNDATION (REU) 10-095	\$357,306	4/1/10 - 3/31/13
SLIVOVSKY, LYNNE TRICE, THOMAS	Organic Twittering: A Service-Learning Approach to Green Jobs CORPORATION FOR NATIONAL AND COMMUNITY SERVICE (LEARN AND SERVE) VIA CA CAMPUS COMPACT 10-034	\$22,014	8/15/09 - 6/30/10
SLIVOVSKY, LYNNE TRICE, THOMAS	Organic Twittering: Building Green Economic Capacity CORPORATION FOR NATIONAL AND COMMUNITY SERVICE (LEARN AND SERVE) VIA CA CAMPUS COMPACT 10-196	\$25,000	7/1/10 - 6/30/11
SLIVOVSKY, LYNNE TRICE, THOMAS	Collaborative Research: Finding personal meaning and societal connections in engineering education: A case study in integrated course transfer NATIONAL SCIENCE FOUNDATION (IEECI) VIA FRANKLIN W. OLIN COLLEGE OF ENGINEERING 10-270	\$105,064	9/1/10 - 8/31/12

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Industrial & Manufacturing Engineering</u>			
ALPTEKIN, SEMA	Village-sized Biogas Production Facility NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 10-109	\$49,975	1/1/10 - 6/1/11
SCHLEMER, LIZ	Creating a replicable transformation path for change: A pilot study on overcoming the barriers to individualized teaching and learning NATIONAL SCIENCE FOUNDATION (TUES) 10-098	\$249,505	1/1/11 - 12/31/13
<u>Materials Engineering</u>			
CHEN, KATHERINE C. HERTER, ROBERTA	Collaborative Research: Understanding students' development and deployment of lifelong learning skills NATIONAL SCIENCE FOUNDATION (TUES) VIA FRANKLIN W. OLIN COLLEGE OF ENGINEERING 10-320	\$97,787	6/1/11 - 5/31/14
HARDING, TREVOR	Collaborative Research: Longitudinal Measurement of Ethical Development in Engineering Students and Professionals NATIONAL SCIENCE FOUNDATION 10-013	\$319,168	1/1/10 - 12/31/13
HARDING, TREVOR	Collaborative Research: The SEED-IA - A practical instrument for assessing individual ethics initiatives NATIONAL SCIENCE FOUNDATION (TUES) 10-035	\$38,058	1/1/11 - 12/31/12
HARDING, TREVOR	Fee-for-Service Agreement, Materials Engineering Department Instruments and Facilities VARIOUS SPONSORS 10-085	\$0	10/1/09 - 12/31/10
HARDING, TREVOR	Testing services for Agilent Technologies AGILENT TECHNOLOGIES, INC 10-286	\$12,975	4/2/10 - 10/1/10
VANASUPA, LINDA	Opening the Dialogue to Collaborate for Systemic Change at Cal Poly NATIONAL SCIENCE FOUNDATION VIA NATIONAL ACADEMY OF ENGINEERING 10-008	\$2,500	8/28/09 - 12/31/09
VANASUPA, LINDA	Collaborative Research: A Student-centered, Multidisciplinary, Project Based Climate Solutions Course for Large Enrollments NATIONAL SCIENCE FOUNDATION (CCLI) VIA SAN JOSE STATE UNIVERSITY 10-099	\$72,456	6/1/10 - 8/31/13
VANASUPA, LINDA	Sustainable Housing Materials for New Rural Economies in China NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 10-110	\$48,510	1/1/10 - 6/30/11
VANASUPA, LINDA SCHLEMER, LIZ	Establishing a distributed community of educators to study a transformational education experiment NATIONAL SCIENCE FOUNDATION (IEECI) 10-194	\$386,896	8/1/10 - 7/31/14
VANASUPA, LINDA ALPTEKIN, SEMA	China-US workshop on sustainable development: a transdisciplinary collaboration using holistic, research-based learning NATIONAL SCIENCE FOUNDATION (OISE) 10-242	\$58,937	8/1/10 - 7/31/12
<u>Mechanical Engineering</u>			
CHEN, JOHN MCGAUGHEY, KAREN	Efficacy testing of peer instruction for concept learning and application NATIONAL SCIENCE FOUNDATION (IEECI) 10-195	\$298,909	7/1/10 - 6/30/13

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Mechanical Engineering</u>			
DAVOL, ANDREW	Mustang 60 Fee for Service VARIOUS SPONSORS 10-200	\$0	2/1/10 - 12/31/10
KLISCH, STEPHEN M. HAZELWOOD, SCOTT	RUI: Mechanobiology of articular cartilage stimulated with dynamic compression and lateral restraint: experiments and modeling NATIONAL SCIENCE FOUNDATION (RUI) 10-227	\$350,818	1/1/11 - 12/31/13
KLISCH, STEPHEN M. HAZELWOOD, SCOTT	Mechanobiology of shaping articular cartilage explants: experiments and modeling NATIONAL INSTITUTES OF HEALTH 10-228	\$327,898	1/1/11 - 12/31/13
LEMIEUX, PATRICK	Fee-For-Service Cal Poly Engines Laboratory VARIOUS SPONSORS 10-282	\$0	4/15/10 - 12/31/10
MACKIN, THOMAS	Research Experiences for Undergraduates (REU) SitesProposal: Undergraduate Research in Micro-Systems Design, Fabrication, and Testing NATIONAL SCIENCE FOUNDATION 10-096	\$2,452,227	9/1/10 - 8/31/15
MURRAY, WILLIAM R	Design, construction, and flight test of a hybrid rocket with a cooled aerospike nozzle CALIFORNIA SPACE GRANT CONSORTIUM 10-230	\$10,000	2/1/10 - 9/30/10
OWEN, FRANK	h-Project: Dual MS degree focused on energy efficiency U.S. DEPT OF EDUCATION (FIPSE) - ATLANTIS 10-285	\$416,000	9/1/10 - 8/31/14
PASCUAL, CHRISTOPHER	Science Masters Program: Fire Protection Engineering NATIONAL SCIENCE FOUNDATION (SMP) 10-090	\$696,825	7/1/10 - 6/30/13
PASCUAL, CHRISTOPHER	Thermal sciences for fire protection engineers NUCLEAR REGULATORY COMMISSION 10-226	\$101,766	6/1/10 - 5/31/12
SELF, BRIAN WIDMANN, JAMES	Using inquiry-based activities to repair student misconceptions in engineering dynamics NATIONAL SCIENCE FOUNDATION (TUES) 10-321	\$200,000	1/1/11 - 8/31/13
WESTPHAL, RUSSELL	Boundary layer measurement on an operating SWT 2.3-101 wind turbine SIEMENS ENERGY INC. 10-197	\$14,633	5/1/10 - 7/31/10
WESTPHAL, RUSSELL	Wing Boundary Layer Measurement System NASA DRYDEN RESEARCH CENTER 10-283	\$147,321	5/1/10 - 4/30/11
WESTPHAL, RUSSELL CHEN, JOHN	MRI: Development of a high-speed oil-film interferometer NATIONAL SCIENCE FOUNDATION (MRI) 10-294	\$193,791	10/1/10 - 9/30/12
<u>Multicultural Engineering Program</u>			
MILLAN, JOSE	NSF / MESA CSEMS Scholarship Grant Program 2009 -2010 NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 10-152	\$18,750	8/31/09 - 6/30/10

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Liberal Arts			
<u>Art & Design</u>			
MARTINEZ, CHARMAINE	Heal-SLO recipe card design and printing		
VAN KLEECK, JEFFREY	SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION - HEAL-SLO		
	10-272	\$4,965	7/1/10 - 6/30/11
VAN KLEECK, JEFFREY	On the road: Traveling arts exhibitions to rural and low income schools and communities		
DUFFY, SUSAN	INSTITUTE OF MUSEUM AND LIBRARY SERVICES		
	10-176	\$38,465	9/1/10 - 8/31/11
VAN KLEECK, JEFFREY	University Art Gallery for the 2010-2011 exhibition season		
	CITY OF SAN LUIS OBISPO (PCC)		
	10-259	\$3,872	7/1/10 - 6/30/11
<u>Cal Poly Arts</u>			
LERIAN, STEVE	Festival Latino		
	CA ARTS COUNCIL		
	09-216	\$15,000	11/1/09 - 10/31/11
LERIAN, STEVE	NEA jazz masters and more series		
WILT, PETER	NATIONAL ENDOWMENT FOR THE ARTS		
	10-025	\$32,366	7/1/10 - 10/31/10
LERIAN, STEVE	Innerstate dance tour		
	JAMES IRVINE FOUNDATION VIA ODC THEATRE		
	10-083	\$15,000	1/1/10 - 12/31/10
LERIAN, STEVE	Performance by Aquila Theatre Company		
	NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWEST		
	10-279	\$2,500	9/1/10 - 8/30/11
LERIAN, STEVE	Performance by Esperanza Spalding		
	NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWEST		
	10-280	\$2,500	9/1/10 - 8/31/11
<u>Philosophy</u>			
FERNFLORES, FRANCISCO	Accelerated motion and interpretations of relativity: an integrated historical and philosophical approach		
	NATIONAL SCIENCE FOUNDATION (STS)		
	10-027	\$134,754	3/29/10 - 12/29/10
LIN, PATRICK	RUI: Collaborative Proposal: Ethical issues in human-robot interactions in healthcare		
BEKEY, GEORGE	NATIONAL SCIENCE FOUNDATION (STS)		
	10-018	\$200,000	4/1/09 - 3/31/12
LIN, PATRICK	US Naval Academy fellowship		
	U.S. NAVAL ACADEMY		
	10-044	\$10,000	9/1/09 - 4/30/10
LIN, PATRICK	RUI: Collaborative Research: Geoengineering Opportunities and Risk: From Ethics to Policy		
HURT, SHELLEY	NATIONAL SCIENCE FOUNDATION (STS)		
	10-190	\$250,000	9/1/10 - 8/31/13
LIN, PATRICK	RUI: Robot ethics: Ethical and social issues in emerging robotics		
BEKEY, GEORGE	NATIONAL SCIENCE FOUNDATION (STS)		
	10-202	\$284,119	9/1/10 - 8/31/13

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Psychology & Child Development</u>			
CALDWELL, ROSLYN	Prevention and Intervention Services Proposal: The Bakari Project®: A mentoring, treatment intervention, and prevention program for juvenile male probationers SAN LUIS OBISPO SHERIFF'S DEPARTMENT 09-333	\$47,130	9/1/09 - 6/30/10
CALDWELL, ROSLYN	The Bakari Project mentoring program at Cal Poly U.S. DEPT OF JUSTICE - OFFICE OF JUVENILE JUSTICE AND DELINQUENCY PREVENTION 10-291	\$313,481	10/1/10 - 9/30/13
CALDWELL, ROSLYN	The Bakari Project® mentoring program at Cal Poly - Pathways to adulthood SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 10-344	\$9,946	9/1/10 - 8/31/11
ENGLE, PATRICE	Early child development programs: Effective interventions for human development? NATIONAL INSTITUTES OF HEALTH VIA UNIVERSITY OF PENNSYLVANIA 10-024	\$262,705	5/1/10 - 4/30/15
ENGLE, PATRICE	Early child development programs: Effective interventions for human development? NATIONAL INSTITUTES OF HEALTH VIA UNIVERSITY OF PENNSYLVANIA 10-128	\$262,705	7/1/10 - 6/30/15
ENGLE, PATRICE	Regional indicators and data on early childhood development (ECD) and readiness to learn INTER-AMERICAN DEVELOPMENT BANK 10-129	\$50,232	1/1/10 - 12/31/11
<u>Social Sciences</u>			
JONES, TERRY	Analysis of CA-SLO-1370 archaeological materials from Diablo Canyon's North Ranch PACIFIC GAS & ELECTRIC COMPANY 10-236	\$23,251	3/1/10 - 6/1/11
<u>Science & Mathematics</u>			
<u>Biological Sciences</u>			
CANO, RAUL	Energy recovery from waste glycerol from biodiesel processing using yeast cultures for production of lipids and ethanol NATIONAL SCIENCE FOUNDATION 10-041	\$477,742	1/1/10 - 12/31/12
CANO, RAUL	Integrating molecular forensics into the undergraduate science, technology, engineering and mathematics (STEM) curriculum to Address Environmental, Health and Food Safety Issues in California KITTS, CHRISTOPHER L KECK FOUNDATION 10-043	\$249,504	3/1/10 - 2/28/13
KEIL, DAVID	Collaborative Proposal: Harnessing the Power of Herbarium Specimens to Understand the Changing Flora of a Biodiversity Hotspot in Peril NATIONAL SCIENCE FOUNDATION (BRC) VIA UNIVERSITY OF CALIFORNIA SANTA BARBARA 09-332	\$51,393	7/1/10 - 6/30/14
KITTS, CHRISTOPHER L BLACK, MICHAEL	Integrating molecular forensics modules in the undergraduate science curriculum CSUPERB: CSU FACULTY-STUDENT COLLABORATIVE RESEARCH SEED GRANT PROGRAM 10-235	\$15,000	5/1/10 - 10/31/11
KITTS, CHRISTOPHER L BLACK, MICHAEL	Preparing the next generation of STEM professionals: Integrating computational thinking into an applied molecular forensics research program NATIONAL SCIENCE FOUNDATION (TUES) 10-326	\$199,997	1/1/11 - 12/31/12

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Biological Sciences			
MOLINE, MARK	Research Vessel Landing Improvements for the Cal Poly Center for Coastal Marine Sciences Pier Facility		
ADAMS, NIKKI	NATIONAL SCIENCE FOUNDATION (ARI-R2) - ARRA 09-317	\$1,125,000	1/1/10 - 12/31/11
MOLINE, MARK	Modeling harbor mouth mophodynamics		
	OFFICE OF NAVAL RESEARCH VIA BATTELLE PACIFIC NATIONAL LABORATORY 10-068	\$65,000	10/1/09 - 9/30/10
MOLINE, MARK	Resolving complex flows in a reef/island environment		
	U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 10-074	\$1,435,376	1/1/10 - 12/31/12
MOLINE, MARK	Evaluation of glider coatings against biofouling for improved flight performance		
WENDT, DEAN	U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 10-075	\$54,871	2/1/10 - 1/31/11
MOLINE, MARK	Karenia brevis health impacts forecast and information improvement: A regional approach in the Gulf of Mexico		
	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION VIA MOTE MARINE LABORATORY 10-076	\$208,489	9/1/10 - 8/31/15
MOLINE, MARK	Fee-for-Service Agreement, Marine Sciences		
	VARIOUS SPONSORS 10-077	\$0	10/1/09 - 12/31/10
MOLINE, MARK	Shelf to shoreline observation development - Ocean surface current mapping (SCM) component		
	CA STATE COASTAL CONSERVANCY VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 10-114	\$125,000	7/15/09 - 1/10/10
MOLINE, MARK	Central California high-frequency (HF) radar ocean surface current mapping (SCM) and harmful algal bloom components		
	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 10-118	\$169,935	7/1/10 - 6/30/11
MOLINE, MARK	Resolving complex flows in a reef/island environment		
	U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 10-156	\$369,274	2/1/10 - 1/31/13
MOLINE, MARK	Real-time characterization of adélie penguin foraging environment using an autonomous underwater vehicle		
	NATIONAL SCIENCE FOUNDATION (EAGER-ARRA) 10-174	\$294,980	10/1/10 - 9/30/12
MOLINE, MARK	Collaborative Research: The propagating response of the inner shelf to wind relaxations in a coastal upwelling system		
	NATIONAL SCIENCE FOUNDATION 10-237	\$498,477	7/1/10 - 6/30/14
MOLINE, MARK	Systematic mapping of teuthivorous whale prey fields		
	U.S. ARMY CORP OF ENGINEERS (SERDP) VIA OREGON STATE UNIVERSITY 10-244	\$563,408	3/1/11 - 1/31/15
MOLINE, MARK	A coastal ocean circulation monitoring program for Northern and Central California (COCMP): HF-Radar for central and northern California		
	CA STATE COASTAL CONSERVANCY VIA SAN FRANCISCO STATE UNIVERSITY 10-254	\$72,803	1/1/10 - 6/30/10
MOLINE, MARK	Small vessel access landing for enhancing collaborative marine research		
ADAMS, NIKKI	NATIONAL SCIENCE FOUNDATION (FSML) 10-258	\$350,000	10/1/10 - 9/30/13

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Biological Sciences</u>			
MOLINE, MARK WENDT, DEAN	WSC-Category 2: Collaborative research: Climate and human-induced changes on hydrology in a coastal watershed NATIONAL SCIENCE FOUNDATION (WSC) 10-289	\$2,057,483	1/1/11 - 12/31/15
MOLINE, MARK	Dimensions: Collaborative Research: Using predators to locate and explore biodiversity hotspots in a warming Southern Ocean NATIONAL SCIENCE FOUNDATION 10-332	\$280,824	8/1/11 - 7/31/14
MOLINE, MARK WENDT, DEAN	TYPE 2 - L02170418; Collaborative research: Climate and human-induced changes on hydrology in a coastal watershed NATIONAL SCIENCE FOUNDATION (EASM) 10-337	\$2,247,880	1/1/11 - 12/31/15
STEINMAUS, SCOTT	Climate matching for potential spread of invasiveness plants and development of an early detection/rapid response system in California UNIVERSITY OF CALIFORNIA/CALIFORNIA STATE UNIVERSITY/COMMUNITY COLLEGE COLLABORATIONS VIA UC DAVIS 10-149	\$9,500	1/1/10 - 9/30/10
STEINMAUS, SCOTT	Assessing capeivy (Delairea odorata) management methods for the riparian habitat of Chorro Creek MORRO BAY NATIONAL ESTUARY PROGRAM 10-273	\$1,988	3/29/10 - 12/31/10
TOMANEK, LARS	Collaborative research: Thermal- and oxidative damage to proteins and its consequences for cellular function in marine mussels (genus Mytilus) adapted to different temperatures NATIONAL SCIENCE FOUNDATION 10-173	\$554,548	9/1/10 - 8/31/13
TOMANEK, LARS	Ocean Acidification Category 1 Collaborative Research: RUI: Synergistic effects of temperature and pH variability on physiology, transcriptome and proteome of porcelain crabs NATIONAL SCIENCE FOUNDATION (RUI) 10-288	\$476,894	10/1/10 - 9/30/13
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 10-157	\$36,000	1/1/10 - 12/31/10
WENDT, DEAN	Evaluation of operational effectiveness of SLOSEA DAVID AND LUCILE PACKARD FOUNDATION 10-314	\$50,928	6/1/10 - 5/31/11
<u>Chemistry and Biochemistry</u>			
BERBER-JIMENEZ, M. DOLORES NEFF, GRACE ANN	CORE: A collaborative to realize excellence in science NATIONAL SCIENCE FOUNDATION (MSP) 10-040	\$7,895,617	2/1/10 - 1/30/15
BERBER-JIMENEZ, M. DOLORES	"Inquiry Core for 3rd, 4th and 5th grade" A Paso Robles JUSD Science Partnership CA DEPT OF EDUCATION VIA PASO ROBLES JOINT UNIFIED SCHOOL DISTRICT 10-062	\$1,213,179	1/1/10 - 9/30/13
BERBER-JIMENEZ, M. DOLORES	Content literacy and lesson study CALIFORNIA POSTSECONDARY EDUCATION COMMISSION VIA HUMBOLDT STATE UNIVERSITY 10-307	\$196,624	10/1/10 - 9/30/14

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Chemistry and Biochemistry</u>			
BUSH, SETH	Collaborative Research: Contextual research-empirical research--A national cross-disciplinary research study of SFES (science faculty with education specialties) NATIONAL SCIENCE FOUNDATION (REESE) 10-123	\$92,777	7/1/10 - 6/30/13
COSTANZO, PHILIP	Incorporation of latent cysteine-like residues for the development of novel coupling chemistry RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 10-105	\$33,571	6/1/10 - 5/31/12
COSTANZO, PHILIP	RUI: Novel polymer coupling chemistry via latent cysteine-like functionality and thiazolidine chemistry NATIONAL SCIENCE FOUNDATION (RUI) 10-121	\$219,182	7/1/10 - 6/30/13
COSTANZO, PHILIP IMMOOS, CHAD E.	RUI: Preparation of "click" cartridges NATIONAL SCIENCE FOUNDATION (RUI) 10-144	\$260,417	9/1/10 - 8/31/13
FERNANDO, RAYMOND JONES, DANE	Low VOC, stain blocking specialty primer coating CA AIR RESOURCES BOARD 10-199	\$100,000	4/1/10 - 1/31/12
FOGLE, EMILY	Control of reaction specificity in 2-amino-3-ketobutyrate CoA ligase RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 10-124	\$34,904	7/1/10 - 6/30/12
IMMOOS, CHAD E.	International Collaborations in Chemistry: Dynamic combinatorial libraries for nucleotides for enzyme-free PCR NATIONAL SCIENCE FOUNDATION AND ENGINEERING AND PHYSICAL SCIENCES RESEARCH COUNCIL 10-175	\$341,168	10/1/10 - 9/30/13
IMMOOS, CHAD E.	Toxic material forensic container U.S. DEPT OF DEFENSE (ARMY-STTR) VIA UTILITY DEVELOPMENT CORP. 10-262	\$41,421	9/1/10 - 2/28/11
JONES, DANE	Fee-for-Service Agreement, Polymers and Coatings Laboratory VARIOUS SPONSORS 10-086	\$0	10/1/09 - 12/31/10
LEHR, CORINNE KACHLAKEV, DAMIAN I.	Pool filtration media study MINERAL VISIONS DIVISION OF FAIRMOUNT MINERALS 10-302	\$12,498	4/30/10 - 11/30/10
MARLIER, JOHN CARROLL, JENNIFER	MRI: Acquisition of a research grade 500MHz NMR spectrometer at Cal Poly, San Luis Obispo NATIONAL SCIENCE FOUNDATION (MRI-R2) - ARRA 10-042	\$690,814	12/31/09 - 12/30/12
NEFF, GRACE ANN BERBER-JIMENEZ, M. DOLORES	Central coast science project 2008-2011 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - CALIFORNIA SCIENCE PROJECT 10-106	\$48,000	7/1/09 - 6/30/11
NEFF, GRACE ANN BERBER-JIMENEZ, M. DOLORES	Central coast science project 2010-2011 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - CALIFORNIA SCIENCE PROJECT 10-274	\$48,000	7/1/10 - 6/30/11
ROBINS, LORI	Discovery of H. pylori aldo-keto reductase inhibitors RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 10-072	\$34,984	7/1/10 - 6/30/12
ROBINS, LORI	Discovery of H. Pylori aldo-keto reductase inhibitors CSUPERB: CSU FACULTY-STUDENT COLLABORATIVE RESEARCH SEED GRANT PROGRAM 10-204	\$14,995	5/1/10 - 10/31/11

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Education</u>			
GENTILUCCI, JAMES	Creating Systemic and Sustainable Organizational Capacity for World-Class STEM Education: The Leadership Challenge		
PETERSEN, GEORGE J	NATIONAL SCIENCE FOUNDATION 10-158	\$449,648	7/1/10 - 6/30/13
<u>Graduate Studies in Education</u>			
RUEF, MICHAEL	Increasing the social competence of children with ASD by training in service and pre service teachers, staff, and parents in The FRIEND Program		
HARRIS, KATHLEEN C.	AUTISM SPEAKS 10-334	\$18,992	3/1/11 - 2/29/12
<u>Kinesiology</u>			
HAGOBIAN, TODD	Effects of dairy availability on brain imaging in obese and normal weight individuals		
	DAIRY MANAGEMENT, INC./NATIONAL DAIRY COUNCIL 10-327	\$99,545	1/1/11 - 12/31/11
HEY, DAVID	Central California's teen obesity prevention program (TOPP)		
KIM, JUN-HYUN	ROBERT WOOD JOHNSON FOUNDATION 10-290	\$50,000	1/15/11 - 1/14/12
PHELAN, SUZANNE	Reducing breast cancer risk factors in premenopausal women		
TSENG, MARILYN	NATIONAL INSTITUTES OF HEALTH 10-047	\$140,000	4/1/10 - 3/31/12
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 10-206	\$88,399	12/1/10 - 11/30/15
PHELAN, SUZANNE	Reducing breast cancer risk factors in premenopausal women		
TSENG, MARILYN	NATIONAL INSTITUTES OF HEALTH 10-256	\$140,000	12/1/10 - 11/30/12
PHELAN, SUZANNE	Nutritionist services for on-line nutrition intervention		
	U.S. DEPT. OF AGRICULTURE VIA CALIFORNIA DEPARTMENT OF PUBLIC HEALTH VIA COUNTY OF SAN LUIS OBISPO WIC 10-287	\$21,000	2/1/10 - 6/30/10
PHELAN, SUZANNE	Technical services for on-line nutrition intervention		
	U.S. DEPT. OF AGRICULTURE VIA CA DEPARTMENT OF PUBLIC HEALTH VIA COUNTY OF SAN LUIS OBISPO WIC 10-304	\$34,152	2/1/10 - 6/30/10
PHELAN, SUZANNE	Preventing excessive gestational weight gain in obese women		
	NATIONAL INSTITUTES OF HEALTH - (R21) 10-342	\$385,000	4/1/11 - 3/31/13
TSENG, MARILYN	Isoflavones, Equol Producing Status, and Breast Density in US Chinese Women		
O'BRYANT, CAMILLE	NATIONAL INSTITUTES OF HEALTH VIA FOX CHASE CANCER CENTER 09-324	\$105,000	6/1/09 - 7/30/10
TSENG, MARILYN	Diet and breast density over time in US Chinese women		
O'BRYANT, CAMILLE	NATIONAL INSTITUTES OF HEALTH VIA FOX CHASE CANCER CENTER 10-026	\$238,267	6/1/09 - 7/30/10
TSENG, MARILYN	Food reward genes in relation to BMI and weight gain in US chinese women		
O'BRYANT, CAMILLE	NATIONAL INSTITUTES OF HEALTH 10-070	\$441,935	7/1/10 - 6/30/12

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Kinesiology</u>			
TSENG, MARILYN O'BRYANT, CAMILLE	Vitamin D status and diabetes-related measures in US Chinese women NATIONAL INSTITUTES OF HEALTH - (R21) 10-208	\$367,732	1/1/11 - 12/31/12
TSENG, MARILYN NEILL, DAWN	Optimal foraging in a campus food environment: Scale development and validation NATIONAL INSTITUTES OF HEALTH (R21) 10-331	\$385,000	4/1/11 - 3/31/13
<u>Mathematics</u>			
AGRONSKY, STEVEN	Mathematics diagnostic testing project (MDTP) 2009-2011 UNIVERSITY OF CALIFORNIA 10-163	\$28,836	7/1/09 - 6/30/10
BONINI, VINCENT	Weingarten foliations of asymptotically hyperbolic manifolds and rigidity results for manifolds admitting corners NATIONAL SCIENCE FOUNDATION 10-120	\$88,192	7/1/10 - 6/30/13
GRUNDMEIER, TODD RETSEK, DYLAN	Exploring the mathematics content knowledge retention of undergraduate mathematics majors NATIONAL SCIENCE FOUNDATION (TUES) 10-079	\$198,957	10/1/10 - 9/30/13
RILEY, KATE	Mathematics teacher institutes CA DEPT OF EDUCATION VIA SANTA MARIA-BONITA SCHOOL DISTRICT 10-039	\$1,142,388	1/1/10 - 9/30/13
YOSHINOBU, STAN STANKUS, MARK	Academy of Inquiry Based Learning (AIBL) at Cal Poly San Luis Obispo EDUCATIONAL ADVANCEMENT FOUNDATION 10-268	\$231,433	3/29/10 - 8/31/13
<u>Physics</u>			
FERNSLER, JONATHAN	Monolayer structure effects on lipid and protein adsorption NATIONAL INSTITUTES OF HEALTH - AREA (ARRA) 10-067	\$332,960	4/1/10 - 3/31/13
FERNSLER, JONATHAN	Monolayer structure effects on lipid and protein adsorption NATIONAL INSTITUTES OF HEALTH - AREA (ARRA) 10-336	\$332,960	9/1/10 - 8/31/13
GUTIERREZ, THOMAS	RUI: Analysis, simulation, and onsite activities contributing to the search for neutrinoless double beta decay in tellurium using the CUORE detector NATIONAL SCIENCE FOUNDATION (RUI) 10-069	\$231,203	4/1/10 - 3/31/13
HOELLWARTH, CHANCE	Teacher enhancement for STEM education reform (TE-STEM) professional development for science teachers U.S. DEPT OF EDUCATION (ARRA) VIA AMERICAN ASSOCIATION OF PHYSICS TEACHERS 10-316	\$2,422,781	9/1/10 - 8/31/14
HOLTZAPPLE, ROBERT	Beam dynamic work at Cornell NATIONAL SCIENCE FOUNDATION VIA CORNELL UNIVERSITY 10-014	\$93,320	9/15/09 - 6/30/10
KELLER, JOHN	Science teacher and researcher (STAR) national pilot proposal NATIONAL SCIENCE FOUNDATION 10-001	\$536,951	9/1/09 - 6/30/11

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Physics			
KELLER, JOHN	Contextual research - Large empirical -- Study of the impact of a national pre-service teacher-researcher program on the recruitment, preparation and retention of STEM teachers NATIONAL SCIENCE FOUNDATION (REESE) 10-130	\$2,495,350	4/1/10 - 3/31/15
KELLER, JOHN	CSU science teacher and researcher (STAR): Strengthening K-12 science teaching in California S. D. BECHTEL, JR. FOUNDATION 10-260	\$265,000	3/1/10 - 2/28/11
KLAY, JENNIFER	RUI: Investigation of heavy quark energy loss in relativistic nucleus-nucleus collisions at the CERN LHC NATIONAL SCIENCE FOUNDATION (RUI) 10-065	\$294,505	7/1/10 - 6/30/13
KLAY, JENNIFER	Improving experimental conditions and accuracy of the Neutron Induced Fission Fragment Tracking Experiment (NIFFTE) time projection chamber U.S. DEPT OF ENERGY - NUCLEAR ENERGY UNIVERSITY PROGRAMS 10-131	\$1,500,000	7/1/10 - 6/30/13
MOELTER, MATTHEW HOFFMAN, KENNETH	Comprehensive study of the mid tertiary paleomagnetic reversal recorded in the Liverpool Range, NSW Australia NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF WISCONSIN AT MADISON 10-148	\$50,236	7/1/10 - 6/30/13
SAUNDERS, KARL	RUI: Analysis of phase transitions, biaxiality and surface effects in chiral smectic liquid crystals NATIONAL SCIENCE FOUNDATION (RUI) 10-115	\$147,323	7/1/10 - 6/30/13
SCHWARTZ, PETER LEHR, JANE	Creating community-university experimental network of low-impact sites: A model for learning-by-doing U.S. ENVIRONMENTAL PROTECTION AGENCY 10-162	\$109,479	7/1/10 - 6/30/12
SCHWARTZ, PETER	Extending appropriate technology curriculum to field school in Central America NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 10-308	\$50,000	8/1/10 - 7/31/13
Student Affairs			
Student Academic Services			
MARGARITO, CESAR	Student Support Services for Low-Income, First-Generation and Disabled Students (2010-2015) U.S. DEPT OF EDUCATION 10-116	\$1,594,924	9/1/10 - 8/31/15
Student Life & Leadership			
CAMPBELL, RENODA	CULTUREFEST 2010 CITY OF SAN LUIS OBISPO (PCC) 10-216	\$2,500	7/1/10 - 6/30/11
HARKINS, JOY LAMB, STEPHAN	Cal Poly's PROMISE Fellows Program - Community Partners 2009-10 VARIOUS NON-PROFIT ORGANIZATIONS 10-050	\$130,000	8/4/08 - 8/3/09
HARKINS, JOY	"Change the Status Quo" Student Leadership Initiative SURDNA FOUNDATION VIA CSU CHANCELLOR'S OFFICE 10-104	\$5,999	10/26/09 - 6/15/10

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Student Life & Leadership</u>			
KAIWI-LENTING, ANDRENE	Cal Poly Open House 2011 CITY OF SAN LUIS OBISPO (PCC) 10-215	\$12,000	7/1/10 - 6/30/11
LAMB, STEPHAN	California's PROMISE (Pooling Regional Opportunities Maximizes Intensive Service Enhancement) Fellows AMERICORPS VIA NAPA COUNTY OFFICE OF EDUCATION 10-028	\$147,987	8/10/09 - 8/9/10
LAMB, STEPHAN TORREY, JESSE	Central Coast Volunteer Corps 2010-11 AMERICORPS VIA CA VOLUNTEERS 10-125	\$359,386	11/1/10 - 8/30/11
LAMB, STEPHAN TORREY, JESSE	Central Coast Volunteer Corps 2009-10 Community Partners VARIOUS NON-PROFIT ORGANIZATIONS 10-210	\$260,000	1/1/10 - 12/31/10
<u>Other</u>			
<u>Academic Programs</u>			
CONN, W. DAVID	Louis Stokes Alliance for Minority Participation Program (LSAMP) Student Scholar Program 2009-10 NATIONAL SCIENCE FOUNDATION VIA CSU, SACRAMENTO UNIVERSITY ENTERPRISES, INC. 09-330	\$5,000	6/1/09 - 5/31/10
CONN, W. DAVID	Louis Stokes Alliance for Minority Participation Program (LSAMP) Student Scholar Program 2010-11 NATIONAL SCIENCE FOUNDATION VIA CSU, SACRAMENTO UNIVERSITY ENTERPRISES, INC. 10-309	\$25,731	6/1/10 - 8/30/10
<u>Center for Teaching & Learning</u>			
GRIMES, JOSEPH	Universal design for learning/EnACT~PTD learning community U.S. DEPT OF EDUCATION VIA SONOMA STATE UNIVERSITY 10-147	\$9,708	10/1/09 - 3/31/11
<u>Grants Development Office</u>			
BIXLER, XENIA	FreshPower - A Virtual Farmers Market U.S. DEPT OF AGRICULTURE (CSREES) - SBIR VIA NET HORSEPOWER, INC. 10-061	\$30,000	5/1/10 - 12/31/10
<u>Honors Program</u>			
ALPTEKIN, SEMA E.	California's Call to Service Initiative (Allocation Process 2009-2010) CSU CHANCELLOR'S OFFICE COMMUNITY SERVICE LEARNING 10-093	\$45,000	9/1/09 - 6/30/10
ALPTEKIN, SEMA E. VANASUPA, LINDA	Learn by Serving CORPORATION FOR NATIONAL AND COMMUNITY SERVICE (LEARN AND SERVE) 10-250	\$599,459	9/1/10 - 8/31/13
<u>Performing Arts Center</u>			
REGIER, RON	JumpBrush Dance Festival CITY OF SAN LUIS OBISPO (PCC) 10-248	\$10,000	7/1/10 - 6/30/11

PROPOSALS SUBMITTED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Performing Arts Center</u>			
REGIER, RON	Youth Outreach for the Performing Arts Center UNITED WAY OF SAN LUIS OBISPO COUNTY 10-261	\$5,000	7/1/10 - 6/30/11
REGIER, RON	Youth Outreach for the PAC TARGET FOUNDATION 10-299	\$2,000	10/1/10 - 9/30/11
<u>Research & Graduate Programs</u>			
OPAVA, SUSAN	NSF Graduate research fellowship (for Matthew Holding) NATIONAL SCIENCE FOUNDATION 10-301	\$40,500	9/1/10 - 8/31/15
<u>University Police Department</u>			
JORDAN, DONNA WATTON, WILLIAM	AVOID the 14 DUI Campaign - San Luis Obispo County CA OFFICE OF TRAFFIC SAFETY (OTS) VIA ARROYO GRANDE POLICE DEPARTMENT 10-255	\$18,978	10/1/09 - 9/30/12
GRAND TOTALS:		328 Proposals	\$84,299,614