

PROPOSALS SUBMITTED IN JULY, 2009

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

Agribusiness

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

BioResource and Agricultural Engineering

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

College of Agriculture

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
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Food Science & Nutrition

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
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

Natural Resource Management

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
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Architecture & Env Design

City & Regional Planning

GREVE, ADRIENNE	City of San Luis Obispo Climate Action Plan SAN LUIS OBISPO, CITY OF 09-308	\$29,749	9/7/09 - 4/30/10
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Construction Management

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
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Business

Accounting

CERF, DOUGLAS	California Polytechnic State University VITA Program Coalition INTERNAL REVENUE SERVICE - (VITA) 10-015	\$130,246	7/1/09 - 6/30/10
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QUIJANO, EDDY	Cal Poly Low Income Taxpayer Clinic INTERNAL REVENUE SERVICE - (LITC) 09-263	\$95,723	1/1/10 - 12/31/10
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Management

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
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Engineering

Biomedical and General Engineering

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
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CLAGUE, DAVID	AC-Dielectrophoretic Filter for the Separation of Yeast Cells from Blood Serum" EPSON RESEARCH AND DEVELOPMENT, INC. 10-029		7/24/09 - 10/24/09
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Civil & Environmental Engineering

HANSON, JAMES	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
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LUNDQUIST, TRYGVE	Demonstrate the Use of Algae Culture Biomass as a Feedstock for Biodiesel Production U.S. DEPT OF DEFENSE VIA NAVFAC ENGINEERING SERVICE CENTER 10-011	\$53,929	3/1/10 - 1/1/13
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<u>Computer Science</u>			
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
<u>Materials Engineering</u>			
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
<u>Liberal Arts</u>			
<u>Cal Poly Arts</u>			
LERIAN, STEVE	Festival Latino CA ARTS COUNCIL 09-216	\$15,000	11/1/09 - 10/31/11
<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 BEKEY, GEORGE	RUI: Collaborative Proposal: Ethical Issues in Human-Robot Interactions in Healthcare NATIONAL SCIENCE FOUNDATION (STS) 10-018	\$200,000	4/1/09 - 3/31/12
<u>Science & Mathematics</u>			
<u>Biological Sciences</u>			
ELROD, SUSAN KELLER, JOHN	Science Teacher and Researcher (STAR) National Pilot Proposal NATIONAL SCIENCE FOUNDATION 10-001	\$536,951	9/1/09 - 6/30/11
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
MOLINE, MARK ADAMS, NIKKI	Research Vessel Landing Improvements for the Cal Poly Center for Coastal Marine Sciences Pier Facility NATIONAL SCIENCE FOUNDATION (ARI-R2) - ARRA 09-317	\$1,125,000	1/1/10 - 12/31/11
<u>Kinesiology</u>			
TSENG, MARILYN O'BRYANT, CAMILLE	Isoflavones, Equol Producing Status, and Breast Density in US Chinese Women NATIONAL INSTITUTES OF HEALTH VIA FOX CHASE CANCER CENTER 09-324	\$105,000	6/1/09 - 7/30/10

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Physics			
HOLTZAPPLE, ROBERT	Beam Dynamic Work at Cornell CORNELL UNIVERSITY 10-014	\$93,320	9/15/09 - 6/30/10
Student Affairs			
Student Life & Leadership			
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
Other			
Academic Programs			
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
GRAND TOTALS:		30 Proposals	\$5,743,845