

PROPOSALS SUBMITTED IN NOVEMBER, 2007

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

BioResource and Agricultural Engineering

BURT, CHARLES	SCADA Master Plan TURLOCK IRRIGATION DISTRICT 08-117	\$30,000	9/10/07 - 11/30/07
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Dairy Products Technology Center

FARKYE, NANA TONG, PHILLIP	New Natural Cheeses for the North American Market KRAFT FOODS, INC. 08-099	\$56,996	10/1/07 - 9/30/08
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FARKYE, NANA	Innovative strategies for making low fat cheese texture more like full fat cheese DAIRY MANAGEMENT, INC. VIA UTAH STATE UNIVERSITY 08-129	\$94,105	9/1/07 - 8/31/08
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JIMENEZ-FLORES, RAFAEL	Elimination of the Thermochemical Pretreatment Step in Converting Lignocellulosic Feedstock into Fermentable Sugars Using the Synergy of Plant-Produced Enzymes U.S. DEPT OF AGRICULTURE (CSREES) VIA APPLIED BIOTECHNOLOGY INSTITUTE 08-135	\$193,390	1/1/08 - 12/31/09
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TONG, PHILLIP	Improving Whey Protein Off-Flavor Prevention Via Alternate Process Step Optimization DAIRY MANAGEMENT, INC. 08-098	\$99,308	9/1/07 - 12/31/09
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Food Science & Nutrition

BERNER, LOUISE	Characterization of Protein Intakes Among Older Adults in the US: Quantity, Meal Patterns, Food Sources, Predictors of Adequacy, and Relationship to Anthropometric & Physical Functioning Measures CSU - AGRICULTURAL RESEARCH INITIATIVE 08-087	\$74,763	7/1/07 - 6/30/10
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GRANT-HOLCOMB, ARLENE	Management and leadership skills in the undergraduate dietetics curriculum: How are competencies taught? AMERICAN DIETETIC ASSOCIATION FOUNDATION 08-143	\$3,497	2/1/08 - 12/31/08
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GRANT-HOLCOMB, ARLENE	Management and leadership skills in the undergraduate dietetics curriculum: How are competencies taught? FOODSERVICE SYSTEMS MANAGEMENT EDUCATION COUNCIL (FSMEC) 08-145	\$2,008	1/11/08 - 9/30/08
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Natural Resource Management

DIETTERICK, BRIAN MASTIN, TOM B.	Accuracy of Derived Watershed and Channel Features in Forested Mountain Conditions Using LIDAR Terrain Data CSU - AGRICULTURAL RESEARCH INITIATIVE 08-048	\$125,423	7/1/07 - 6/30/10
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MARK, WALTER	Regional Forest Health Specialist CA DEPT OF FORESTRY 07-312	\$348,775	11/1/07 - 6/30/10
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Architecture & Env Design

Architectural Engineering

ESTES, ALLEN	Evaluation of Fatigue on the Serviceability of Highway Bridges TRANSPORTATION RESEARCH BOARD, NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM VIA GEORGE WASHINGTON UNIVERSITY	\$75,000	3/1/08 - 2/28/11
	08-130		

Landscape Architecture

BREMER, WALTER	Master Agreement Task #5: Workshop/Meeting Visual Simulations SAN LUIS OBISPO COUNCIL OF GOVERNMENTS	\$7,882	10/1/07 - 1/31/08
	08-126		

Business

Finance

RAMEZANI, CYRUS	Financing Claims Paying Capacity for Earthquake: Alternatives to Reinsurance CA DEPT OF INSURANCE	\$32,131	11/15/07 - 1/15/08
	08-134		

Engineering

Biomedical and General Engineering

HAZELWOOD, SCOTT	Long Term Effects of Bisphosphonate Therapy on Bone NATIONAL INSTITUTES OF HEALTH	\$184,050	8/30/07 - 3/31/08
	08-013		

Civil & Environmental Engineering

JANSEN, DANIEL	High Performance Hybrid Fiber Reinforced Concrete for Bridge Decks CA DEPT OF TRANSPORTATION (CALTRANS)	\$297,643	3/1/08 - 2/28/10
	08-133		
LUNDQUIST, TRYGVE	Coupling Biodiesel Feedstock Production and Wastewater Treatment U.S. DEPT OF ENERGY SBIR VIA MICROBIO ENGINEERING	\$32,800	7/1/08 - 3/31/09
	08-149		

Industrial & Manufacturing Engineering

FREED, TALİ	PG&E Diablo Canyon Warehouse RFID Project PACIFIC GAS & ELECTRIC COMPANY	\$170,000	11/1/07 - 7/31/08
	08-125		

Liberal Arts

Cal Poly Arts

WILT, PETER	Support for Under-Served Schools and Cal Poly Master Classes CENTRAL COAST WINE CLASSIC	\$5,000	10/1/08 - 9/30/09
	08-147		

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<u>Science & Mathematics</u>			
<u>Biological Sciences</u>			
MOLINE, MARK	CeNCOOS: Long-Term Monitoring of Environmental Conditions in Support of Protected Marine Area Management in Central and Northern California NOAA VIA MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 08-132	\$715,000	8/1/08 - 7/31/11
MOLINE, MARK	Southern California Coastal Ocean Observing System (SCCOOS): Shelf to Shoreline Observation Development NOAA VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 08-137	\$316,147	10/1/08 - 9/30/10
MOLINE, MARK	UUV Operations to Characterize Circulation and Morphology of Tidal Flats: Predicting the Dynamics of Muddy Coastal Environments U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH (DRI) 08-158	\$287,065	2/1/08 - 1/31/10
TOMANEK, LARS	Research Opportunity Award: Evolutionary and Ecological Physiology of Blue Mussels (genus Mytilus): Gene and Protein Expression and Molecular Evolution in Differently-adapted Congeners NATIONAL SCIENCE FOUNDATION 08-131	\$25,000	1/1/08 - 6/30/08
<u>Chemistry and BioChemistry</u>			
IMMOOS, CHAD E.	A Fluorometric Assay for Monitoring Reactive Carbonyl Species in Biological Systems RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 08-141	\$41,720	7/1/08 - 6/30/10
<u>Physics</u>			
FERNSLER, JONATHAN	Modeling and Measurement of Mixed Surfactant/Protein Adsorption to Liquid-Vapor Interfaces with Applications to Lung Surfactants RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 08-136	\$44,328	7/1/08 - 6/30/10
GRAND TOTALS:		24 Proposals	\$3,262,031