

PROPOSALS SUBMITTED IN JANUARY, 2008

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

Agribusiness

RICKARD, BRADLEY J.	Examination of Global Consumption Patterns for Processed Tomato Products WORLD PROCESSING TOMATO COUNCIL 08-213	\$40,695	2/1/08 - 5/31/08
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Dairy Products Technology Center

JIMENEZ-FLORES, RAFAEL GRAGSON, DEREK	A Comparative Study of the Physical Properties of Membranes Prepared from Soy, Egg and Milk Fat Globule Membrane Phospholipids U.S. DEPT OF AGRICULTURE (CSREES) - NRI 08-155	\$289,689	7/1/08 - 6/30/10
TONG, PHILLIP	Master Agreement: Calendar Year 2008 CA DAIRY RESEARCH FOUNDATION 08-165	\$0	1/1/08 - 12/31/08
TONG, PHILLIP	Cal Poly Dairy Ingredients Applications Program 2008 DAIRY MANAGEMENT, INC. 08-196	\$380,050	1/1/08 - 12/31/08
TONG, PHILLIP	Development of an Industrial Process for Separation of Bioactive Lipids from Cheese Whey and Production of Highly Functional Whey Protein Concentrate/Isolate U.S. DEPT OF AGRICULTURE (CSREES) - NRI VIA UNIVERSITY OF WISCONSIN-MADISON 08-206	\$118,862	8/1/08 - 7/31/11

Dairy Science

GOLDEN, BRUCE JIMENEZ-FLORES, RAFAEL	High capacity SNP arrays for detecting genetic effects on dairy production trait CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 08-205	\$450,000	7/1/08 - 6/30/11
GOLDEN, BRUCE	DELIVER (DEveLop Implement Validate Evaluate Report) Whole Genome Selection U.S. DEPT OF AGRICULTURE (CSREES) - NRI VIA IOWA STATE UNIVERSITY 08-214	\$520,000	6/1/08 - 5/31/12

Food Science & Nutrition

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 08-195	\$99,999	10/1/08 - 9/30/10
REAVES, SCOTT	Mechanisms of Skeletal Muscle Loss in Aging and its Prevention by Nutrient Intervention CSU - AGRICULTURAL RESEARCH INITIATIVE 08-182	\$26,244	7/1/07 - 6/30/09

Architecture & Env Design

Architecture

POHL, JENS	ICODES Development and Software Maintenance Support – Stage 16 CDM TECHNOLOGIES, INC. 08-212	\$360,000	2/16/08 - 8/15/08
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<u>City & Regional Planning</u>			
TOKER, UMUT	Downtown Delano Concept Plan: A Participatory Process CITY OF DELANO 08-180	\$33,471	1/1/08 - 4/30/08
<u>Landscape Architecture</u>			
BREMER, WALTER	Master Agreement Task #6: Opportunity Analysis SAN LUIS OBISPO COUNCIL OF GOVERNMENTS 08-174	\$9,036	1/1/08 - 5/31/08
Business			
<u>Industrial Technology</u>			
VORST, KEITH	Predictive Growth Models and Spoilage Indicators for Escherichia Coli O157:H7 on Fresh-Cut Produce During Transport and Cold Chain Distribution U.S. DEPT OF AGRICULTURE (CSREES) 08-199	\$599,963	10/1/08 - 9/30/11
Engineering			
<u>Aerospace Engineering</u>			
PUIG-SUARI, JORDI	P-POD Manufacturing, Integration and Testing NASA - VIA JOHN HOPKINS UNIVERSITY 08-193	\$531,188	2/1/09 - 12/31/12
<u>Biomedical and General Engineering</u>			
GRIFFIN, LANNY	Biomechanical Comparison of Wire Circlage and Rigid Plate Fixation for Median Sternotomy Closure in Human Cadaver Specimens BIOMET MICROFIXATION 08-040	\$15,287	11/1/07 - 10/31/08
<u>Civil & Environmental Engineering</u>			
FIEGEL, GREGG DENATALE, JAY	Water Jetting of CIDH Pile Anomalies CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) DIV OF ENGINEERING SERVICES 08-207	\$149,999	2/1/08 - 6/30/09
HALL, GARRETT J.	Collaborative Research: Improved Engineering Education via Integrated Modeling and Instruction (Cal Poly) NATIONAL SCIENCE FOUNDATION (CCLI) 08-191	\$74,090	7/1/08 - 6/30/12
HANSON, JAMES	Collaborative Research: Innovative Learning Styles and Universal Access for Geotechnical Engineering Education NATIONAL SCIENCE FOUNDATION (CCLI) 08-189	\$238,643	10/1/08 - 9/30/11
LUNDQUIST, TRYGVE	Wastewater Facility Project SUSTAINABLE CONSERVATION, INC. 08-176	\$80,000	12/1/07 - 12/31/08

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<u>Electrical Engineering</u>			
DERICKSON, DENNIS	Student Project with JDSU JDSU CORPORATION 08-179	\$7,000	1/1/08 - 9/30/08
MACCARLEY, C. ARTHUR	Enhancement and Operation of V2DVS Automated Data Collection and Analysis System in the Caltrans 405 Detector Testbed CA DEPARTMENT OF TRANSPORTATION (CALTRANS) DIV OF RESEARCH AND INNOVATION 08-222	\$149,999	6/1/08 - 5/31/09
OLIVER, JOHN	SRS-GOALI-Collaborative Research: Designing Embedded Software and Systems for Reusability to Reduce Environmental Impact NATIONAL SCIENCE FOUNDATION - (SRS) VIA UC SANTA BARBARA 08-200	\$60,000	7/1/08 - 6/30/11
<u>Industrial & Manufacturing Engineering</u>			
WALDORF, DANIEL	Competitive Carbide Cutting Tools with Alternative Binders - PHASE II NATIONAL SCIENCE FOUNDATION VIA GENIUS METAL INC. 08-210	\$114,674	7/1/08 - 6/30/10
<u>Materials Engineering</u>			
VANASUPA, LINDA HARDING, TREVOR	Collaborative Research: Contextual research on the learning community paradigm as pathway to produce engineering graduates who welcome diversity and value humanity's needs NATIONAL SCIENCE FOUNDATION 08-177	\$1,849,041	4/1/08 - 3/31/13
<u>Liberal Arts</u>			
<u>Graphic Communications</u>			
LEVENSON, HARVEY	Print Tech/Press Operator II Training Course NEWSPAPER ASSOCIATION OF AMERICA 08-171	\$24,000	12/17/07 - 7/30/08
<u>Liberal Studies</u>			
DUFFY, SUSAN	Rural Professional Development Initiative in the Humanities: An NEH Project in Cal Poly Liberal Studies Dept. and Rural School Districts NATIONAL ENDOWMENT FOR THE HUMANITIES 08-159	\$96,457	7/1/08 - 12/31/09
DUFFY, SUSAN	Rural Professional Development Initiative for Teachers: A Cal Poly Liberal Studies Dept. and Rural School Districts Collaborative W. K. KELLOGG FOUNDATION 08-216	\$100,000	4/1/08 - 3/31/13
<u>Science & Mathematics</u>			
<u>Biological Sciences</u>			
ADAMS, NIKKI TOMANEK, LARS	RUI: Response of the sea urchin proteome to UV and temperature stress: An identification of biomarkers of stress NATIONAL SCIENCE FOUNDATION - (RUI) 08-201	\$485,764	7/1/08 - 6/30/11

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<u>Biological Sciences</u>			
ADAMS, NIKKI	LARVAL ABUNDANCE AND SETTLEMENT PATTERNS OF SEA URCHINS, FOCUS ON OCEAN pH CALIFORNIA SEA GRANT COLLEGE PROGRAM 08-221	\$29,044	2/1/08 - 1/31/09
ELROD, SUSAN CICHOWSKI, ROBERT	Science Teacher and Researcher (STAR): Strengthening K-12 Science Teaching in California S. D. BECHTEL, JR. FOUNDATION 08-170	\$265,934	1/1/08 - 12/31/08
MOLINE, MARK	The Study of Climate Effects on Planktonic Food Quality and Trophic Transfer in Arctic Marginal Ice Zones using an Autonomous Underwater Vehicle NOAA UNDERSEA RESEARCH PROGRAM - WEST COAST & POLAR REGIONS UNDERSEA RESEARCH CENTER 08-198	\$127,065	4/15/08 - 4/14/09
TAYLOR, EMILY	NIH-NIGMS Bridges to the Baccalaureate Program NATIONAL INSTITUTES OF HEALTH VIA ALLAN HANCOCK COLLEGE 08-183	\$522,244	1/1/09 - 12/30/13
WENDT, DEAN	A Collaborative Protocol for Monitoring Marine Protected Areas with Commercial Fisherman RESOURCES LEGACY FUND FOUNDATION 08-211	\$302,423	4/1/08 - 3/31/09
<u>Chemistry and BioChemistry</u>			
BUSH, SETH	MRI: Acquisition of a High-Resolution NMR Spectrometer with Micro-imaging Capabilities at Cal Poly San Luis Obispo NATIONAL SCIENCE FOUNDATION (MRI) 08-187	\$593,100	1/1/09 - 12/31/11
LEHR, CORINNE NELSON, YARROW M.	MRI: Acquisition of an Inductively Coupled Plasma-Mass Spectrometer at Cal Poly San Luis Obispo NATIONAL SCIENCE FOUNDATION - MRI 08-186	\$189,000	7/1/08 - 6/30/11
<u>Kinesiology</u>			
MCDERMOTT, ANN	The Pink Chefs GENERAL MILLS FOUNDATION 08-185	\$9,933	9/1/08 - 6/30/09
<u>Statistics</u>			
ROSSMAN, ALLAN CHANCE, BETH L.	Collaborative Research: The CATALST Project: Change Agents for Teaching And Learning Statistics NATIONAL SCIENCE FOUNDATION (CCLI) 08-161	\$199,537	7/1/08 - 6/30/11
Other			
<u>University Police Department</u>			
JORDAN, DONNA WATTON, WILLIAM	CLICK IT OR TICKET Seat Belt Enforcement Program 2008 CA OFFICE OF TRAFFIC SAFETY (OTS) 08-120	\$2,000	2/1/08 - 6/30/08
GRAND TOTALS:		38 Proposals	\$9,144,431