

# PROPOSALS SUBMITTED IN AUGUST, 2009

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

### Food Science & Nutrition

HAMPSON, BRIAN	<b>New Technology for High-Density Algae Production Using Tubular Photo-Bioreactors - Phase I</b> U.S. DEPT OF AGRICULTURE (CSREES) - SBIR VIA PHYCOTECH INC. 10-036	\$24,363	5/1/10 - 12/31/10
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## Architecture & Env Design

### Architecture

POHL, JENS	<b>ICODES Development and Software Maintenance Support – Stage 19</b> CDM TECHNOLOGIES, INC. 10-049	\$349,993	8/29/09 - 3/26/10
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### City & Regional Planning

NUWORSOO, CORNELIUS	<b>Smart Dial-a-Ride for Demand-Responsive Transit: Operations Analysis and Development of a Concept for Improvements</b> CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-032	\$49,729	9/1/09 - 10/31/10
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## Business

### Industrial Technology

TORNATZKY, LOUIS	<b>Stranded Assets: Geographically Isolated University Towns and Regional Technology-Based Economic Development</b> NATIONAL SCIENCE FOUNDATION 10-052	\$667,253	6/15/10 - 6/14/13
METCALF, LYNN			

## Engineering

### Aerospace Engineering

MCDONALD, ROBERT	<b>Cal Poly Flight Test Platform and Instrumentation Development</b> U.S. AIR FORCE, EDWARDS AFB 10-051	\$41,436	9/30/09 - 9/30/10
WESTPHAL, RUSSELL			
PUIG-SUARI, JORDI	<b>P-POD and RocketPod on Steroids, Phase II</b> DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) VIA ECLIPTIC ENTERPRISES CORPORATION 10-009	\$300,000	7/1/09 - 6/30/10
COELHO, ROLAND			
PUIG-SUARI, JORDI	<b>CubeSat Electrical Power Subsystem and Thermal Management Program Design and Testing Support</b> NATIONAL RECONNAISSANCE OFFICE VIA THE BOEING COMPANY 10-055	\$35,714	2/22/10 - 10/30/10

### Civil & Environmental Engineering

HANSON, JAMES	<b>MRI-R2: Acquisition of Integrated System for Multi-Scale Analysis of Surface Characteristics in Civil Engineering Applications</b> NATIONAL SCIENCE FOUNDATION (MRI-R2) - ARRA 09-297	\$779,034	6/1/10 - 5/31/13
YESILLER, NAZLI			

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<b><u>Electrical Engineering</u></b>			
GERFEN, JEFFREY	<b>Smart Dial-a-Ride for Demand-Responsive Transit Operations: Research and Development of a Prototype Dispatch Assistance Tool</b> CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-033	\$49,990	10/1/09 - 10/31/10
SLIVOVSKY, LYNNE TRICE, THOMAS	<b>Organic Twittering: A Service-Learning Approach to Green Jobs</b> CORPORATION FOR NATIONAL AND COMMUNITY SERVICE (LEARN AND SERVE) VIA CA CAMPUS COMPACT 10-034	\$22,014	8/15/09 - 6/30/10
<b><u>Materials Engineering</u></b>			
VANASUPA, LINDA	<b>Opening the Dialogue to Collaborate for Systemic Change at Cal Poly</b> NATIONAL SCIENCE FOUNDATION VIA NATIONAL ACADEMY OF ENGINEERING 10-008	\$2,500	8/28/09 - 12/31/09
<b><u>Liberal Arts</u></b>			
<b><u>Cal Poly Arts</u></b>			
LERIAN, STEVE WILT, PETER	<b>NEA Jazz Masters and More Series</b> NATIONAL ENDOWMENT FOR THE ARTS 10-025	\$32,366	7/1/10 - 10/31/10
<b><u>Psychology &amp; Child Development</u></b>			
ENGLE, PATRICE	<b>Early Child Development Programs: Effective Interventions for Human Development?</b> NATIONAL INSTITUTES OF HEALTH VIA UNIVERSITY OF PENNSYLVANIA 10-024	\$262,705	5/1/10 - 4/30/15
<b><u>Science &amp; Mathematics</u></b>			
<b><u>Biological Sciences</u></b>			
CANO, RAUL  KITTS, CHRISTOPHER L	<b>Integrating Molecular Forensics into the Undergraduate Science, Technology, Engineering and Mathematics (STEM) Curriculum to Address Environmental, Health and Food Safety Issues in California</b> KECK FOUNDATION 10-043	\$249,504	3/1/10 - 2/28/13
<b><u>Chemistry and BioChemistry</u></b>			
BERBER-JIMENEZ, M. DOLORES NEFF, GRACE ANN	<b>CORE: A Collaborative to Realize Excellence in Science</b> NATIONAL SCIENCE FOUNDATION (MSP) 10-040	\$7,895,617	2/1/10 - 1/30/15
MARLIER, JOHN CARROLL, JENNIFER	<b>MRI: Acquisition of a Research Grade 500MHz NMR Spectrometer at Cal Poly, San Luis Obispo</b> NATIONAL SCIENCE FOUNDATION (MRI-R2) - ARRA 10-042	\$690,814	12/31/09 - 12/30/12

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<b><u>Kinesiology</u></b>			
PHELAN, SUZANNE TSENG, MARILYN	Reducing breast cancer risk factors in premenopausal women NATIONAL INSTITUTES OF HEALTH 10-047	\$140,000	4/1/10 - 3/31/12
<b>GRAND TOTALS:</b>		<b>17 Proposals</b>	<b>\$11,593,032</b>

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