

PROPOSALS SUBMITTED IN MAY, 2007

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

Animal Science

PETERSON, DANIEL	Evaluation and characterization of the use of CLA to produce foie gras without force feeding CA DEPT OF FOOD AND AGRICULTURE VIA CA AGRICULTURAL TECHNOLOGY INSTITUTE (CATI) 07-289	\$24,750	5/14/07 - 9/30/07
PLUMMER, WILLIAM	Spermatid binding affinity to the oocyte through mediated complexes and the association with infertility in the equine specie AMERICAN QUARTER HORSE ASSOCIATION 07-161	\$25,226	10/1/07 - 9/30/09

BioResource and Agricultural Engineering

KELLY, SHAUN F BURGOA, BENALI	In situ Ozone Generation as a Preplant Soil Fumigant for Strawberry Crop Production CA STRAWBERRY COMMISSION 07-268	\$118,505	2/1/08 - 1/31/09
KELLY, SHAUN F FREED, TALI	Implementation of RFID System Using Containers and Tags to Improve Nursery Production Efficiency HORTICULTURE RESEARCH INSTITUTE 07-277	\$20,128	1/1/08 - 12/31/08

Dairy Products Technology Center

FARKYE, NANA	Project Wizard Dairy Prototype CLOROX SERVICES COMPANY 07-199	\$2,000	2/1/07 - 1/31/08
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Food Science & Nutrition

HAMPSON, BRIAN	Evaluation of ozone efficacy for sanitation of food-contact and food-processing work surfaces: Mobile ozone generation for on-site application CA DEPT OF FOOD AND AGRICULTURE VIA CA AGRICULTURAL TECHNOLOGY INSTITUTE (CATI) 07-287	\$34,980	5/14/07 - 9/30/07
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Horticulture & Crop Science

BROWN, J WYATT VORST, KEITH	Investigations into the Suitability of Sustainable Biopolymer Packaging for Value-Added Produce CA DEPT OF FOOD AND AGRICULTURE VIA CA AGRICULTURAL TECHNOLOGY INSTITUTE (CATI) 07-288	\$76,445	5/14/07 - 9/30/07
HEADRICK, DAVID PHILLIPS, JOHN	Growing the Central Coast Specialty Crops Market: A Buy Fresh, Buy Local Model at Cal Poly San Luis Obispo CA DEPT OF FOOD AND AGRICULTURE 07-297	\$84,134	7/15/07 - 7/14/09

Architecture & Env Design

Architectural Engineering

MCDANIEL, COLE DONG, KEVIN	Architectural Engineering Design Project CA DEPT OF MILITARY 07-283	\$10,800	5/21/07 - 9/26/07
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<u>Architectural Engineering</u>			
SALIKLIS, EDMOND CHEN, KATHERINE C.	Reinventing a Venerable Vaulting Vernacular: An Innovation Teaching Partnership Using "Green" Materials NATIONAL SCIENCE FOUNDATION 07-270	\$149,947	10/1/07 - 9/30/09
<u>Architecture</u>			
POHL, JENS	ICODES Development and Software Maintenance Support - Stage 14 CDM TECHNOLOGIES, INC. 07-261	\$220,000	4/28/07 - 10/5/07
<u>Landscape Architecture</u>			
BREMER, WALTER	Master Agreement Task #3: Workshop/Meeting Support and Technology Transfer SAN LUIS OBISPO COUNCIL OF GOVERNMENTS 07-281	\$13,367	4/30/07 - 8/3/07
<u>Engineering</u>			
<u>Aerospace Engineering</u>			
BIEZAD, DANIEL	Predicting the Stability and Handling Qualities of Advanced STOL Designs Using Simulation and Distributed Control Schemes NASA - AMES RESEARCH CENTER 07-274	\$433,660	10/1/07 - 9/30/08
MARSHALL, DAVID D	The Integrated Modeling and Verification of Hybrid Wing-Body, Low Noise ESTOL Aircraft NASA - LANGLEY RESEARCH CENTER 07-272	\$2,534,320	10/1/07 - 9/30/08
MCDONALD, ROBERT	A multidisciplinary geometry based framework connecting design, optimization, aerodynamics, and structures. NASA - AMES RESEARCH CENTER 07-273	\$999,645	10/1/07 - 9/30/10
<u>Science & Mathematics</u>			
<u>Biological Sciences</u>			
MOLINE, MARK	Center for Investigative Coastal Observation, Research and Education (CICORE) NOAA VIA SAN JOSE STATE UNIVERSITY 07-278	\$170,445	10/1/07 - 9/30/08
MOLINE, MARK	Publication of Special Edition of "Limnology and Oceanography" NATIONAL SCIENCE FOUNDATION 07-279	\$80,000	7/1/07 - 6/30/08
<u>Chemistry and BioChemistry</u>			
LEHR, CORINNE	Determination of Methylarsenicals in the Food Web of an Alkaline Hypersaline Lake, Mono Lake RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 07-294	\$33,904	9/1/07 - 8/31/09

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Physics			
KLAY, JENNIFER	Software Development for Time Projection Chamber U.S. DEPT OF ENERGY VIA GEORGIA INSTITUTE OF TECHNOLOGY 07-293	\$321,951	9/30/07 - 9/30/10
Other			
Honors Program			
ALPTEKIN, SEMA E.	Educating for Humanitarian Entrepreneurship NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 07-269	\$50,000	9/1/07 - 9/30/09
GRAND TOTALS:		20 Proposals	\$5,404,207
