

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Agriculture, Food &amp; Env Sciences</u></b>			
<b><u>Agribusiness</u></b>			
HILDEBRAND, JACKY	<b>Marketing Plan Service Project</b> NATIONAL SCIENCE FOUNDATION VIA OKLAHOMA STATE UNIVERSITY 08-230-01	\$10,000	01/01/08 - 06/30/08
HURLEY, SEAN	<b>Analysis and Development of Transportation Models for Moving Agricultural Waste Products to Resource Recovery Facilities</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-036-01	\$31,028	07/01/07 - 06/30/09
MCCORKLE, ROBERT	<b>U.S. Peace Corps On-campus Recruiter</b> U.S. PEACE CORPS 07-285-01	\$15,750	10/01/07 - 09/30/08
RICKARD, BRADLEY J.	<b>Export markets and California agriculture: Understanding the implications of trade barriers applied to citrus products</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-003-01	\$20,000	07/01/07 - 06/30/09
RICKARD, BRADLEY J.	<b>Export markets and California agriculture: Understanding the implications of trade barriers applied to citrus products</b> U.S. DEPT OF AGRICULTURE (FAS) 08-019-01	\$4,000	07/06/07 - 09/30/08
SCHROETER, CHRISTIANE	<b>Relating Familial Economic, Food, and Fitness Behaviors to Childhood Overweight and Obesity</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI VIA UNIVERSITY OF WYOMING 08-001-01	\$6,600	05/01/08 - 04/30/09
TILLEY, MARCIA L ZOHNS, MARK	<b>Interdisciplinary Innovation Education to Solve Real Business and Design Problems</b> U.S. DEPT OF AGRICULTURE - CHALLENGE GRANT PROGRAM VIA OKLAHOMA STATE UNIVERSITY 07-182-01	\$139,500	09/01/07 - 08/31/10
<b><u>Agricultural Education</u></b>			
FLORES, ROBERT A. CUMMINGS, ROBERT	<b>California Agricultural Education - Professional Development Project (2007-09)</b> CA DEPT OF EDUCATION 07-307-01	\$530,000	06/15/07 - 06/30/09
WARNER, WENDY	<b>Career Experiences of Urban Agriculture Teachers</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-002-01	\$5,000	07/01/07 - 01/31/09
<b><u>Animal Science</u></b>			
BECKETT, JONATHON HALL, MICHAEL	<b>Cost-Benefit Analysis of National Animal Identification - Economic Case Studies</b> U.S. DEPT OF AGRICULTURE VIA CA DEPT OF FOOD AND AGRICULTURE 07-183-02	(\$6,270)	12/15/06 - 09/15/07
DELMORE, ROBERT BECKETT, JONATHON	<b>Effect of Zilpaterol hydrochloride Duration of Dose on Performance, Carcass Traits, Beef Tenderness and Sensory Traits in Finishing Holsteins Steers Calves</b> INTERVET, INC. 07-200-01	\$64,800	04/25/07 - 12/31/08

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<b><u>Animal Science</u></b>			
EDWARDS, MARK S	<b>In vitro assessment methods of dry matter and nutrient digestibility of bamboo and other foods by red pandas (<i>Ailurus fulgens</i>) and giant pandas (<i>Ailuropoda melanoleuca</i>)</b> SMITHSONIAN NATIONAL ZOOLOGICAL PARK 07-286-01	\$34,000	04/02/07 - 12/31/08
HALL, MICHAEL MOODY, LYNN	<b>Assessing high-intensity short-duration grazing as a wildlife management tool in coastal California</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 06-036-03	\$47,778	07/01/05 - 03/31/09
HALL, MICHAEL BECKETT, JONATHON	<b>Cal Poly National Animal Identification System (NAIS) Outreach Project</b> U.S. DEPT OF AGRICULTURE VIA CA DEPT OF FOOD AND AGRICULTURE 08-028-01	\$16,500	08/25/07 - 12/24/07
HUMPHREY, BROOKE	<b>Regulation of lysine transport and utilization in chickens</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI 07-127-02	\$90,000	01/01/07 - 06/30/10
HUMPHREY, BROOKE	<b>Optimal Nutrition for Immunocompetence in Chickens</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-075-01	\$63,819	07/01/07 - 06/30/10
PETERSON, DANIEL JIMENEZ-FLORES, RAFAEL	<b>Proteomics Approach to the Analysis of Animal Tissue and Milk Fat Globule Membrane Proteins</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 07-171-02	\$77,742	07/01/06 - 06/30/08
PETTEY, ALLEN THULIN, ANDREW	<b>Development of nutrient excretion models in pigs and poultry</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 06-022-03	\$25,190	07/01/05 - 03/31/09
<b><u>BioResource and Agricultural Engineering</u></b>			
BURGOA, BENALI	<b>Accessible Education for Landscape Irrigation in California</b> CA DEPT OF WATER RESOURCES 07-232-01	\$98,800	01/01/08 - 02/15/11
BURT, CHARLES ZOHNS, MARK	<b>Canal Seepage Reduction Through In-Situ Soil Compaction</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 07-103-02	\$60,000	07/01/06 - 03/31/09
BURT, CHARLES	<b>Accessible Education for Agricultural Irrigation in California</b> CA DEPT OF WATER RESOURCES 07-231-01	\$97,300	01/01/08 - 03/15/11
BURT, CHARLES	<b>Modesto Irrigation District Comprehensive Water Resources Management Plan - Phase I</b> URS CORPORATION AMERICA 07-243-02 07-243-02	\$25,000 \$13,700	02/13/07 - 04/30/08 02/13/07 - 02/29/08
BURT, CHARLES GILL, SAMANTHA	<b>GIS-based Water Routing/Scheduling Through Irrigation District Canal Systems</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-034-01	\$50,000	07/01/07 - 06/30/10

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<b><u>BioResource and Agricultural Engineering</u></b>			
<b>BURT, CHARLES</b>	<b>SCADA Master Plan</b> TURLOCK IRRIGATION DISTRICT		
	08-117-01	\$30,000	09/10/07 - 12/31/08
	08-117-02	\$30,000	09/10/07 - 12/31/08
<b>KELLY, SHAUN F</b> FREED, TALI	<b>Development and Performance of RFID Containers for the Nursery Industry</b> HORTICULTURE RESEARCH INSTITUTE		
	06-255-01	\$14,000	10/01/06 - 09/30/07
<b>KELLY, SHAUN F</b> FREED, TALI	<b>Implementation of RFID System Using Containers and Tags to Improve Nursery Production Efficiency</b> HORTICULTURE RESEARCH INSTITUTE		
	07-277-01	\$23,500	01/01/08 - 01/01/10
<b>STYLES, STUART</b>	<b>Rapid Appraisal of Two Irrigation Districts in the San Joaquin Valley</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION		
	04-237-02	\$25,000	09/07/04 - 12/31/08
<b>STYLES, STUART</b> BURT, CHARLES	<b>Agricultural Water Energy Efficiency Program</b> CA ENERGY COMMISSION		
	07-022-01	\$1,600,000	07/05/07 - 03/31/11
<b>STYLES, STUART</b>	<b>Quantification of Flows for Irrigation and Drainage Management</b> U.S. ENVIRONMENTAL PROTECTION AGENCY		
	07-117-01	\$1,182,400	07/01/06 - 12/31/10
<b>STYLES, STUART</b>	<b>Technology Transfer to USBR Water Users</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION, MID PACIFIC REGION		
	07-144-02	\$49,000	02/15/07 - 08/16/09
<b>STYLES, STUART</b>	<b>Construct, Install, and Evaluate 6 Flap Gates for Federal Water Contractors</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION		
	07-214-01	\$50,000	09/30/07 - 12/31/08
<b>STYLES, STUART</b>	<b>Technology Assistance to Areas Serving Disadvantaged Communities - Agriculture</b> CA DEPT OF WATER RESOURCES		
	07-233-01	\$194,300	01/01/08 - 03/15/11
<b><u>College of Agriculture</u></b>			
<b>SHELTON, MARK</b>	<b>Stationary Agricultural Engine Replacement</b> SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT		
	07-235-01	\$6,099	02/27/08 - 04/30/10
	07-235-02	\$7,860	02/27/08 - 04/30/11
<b><u>Dairy Products Technology Center</u></b>			
<b>FARKYE, NANA</b>	<b>Identification of the causes of deficiencies of flavor development in lowfat Cheddar cheese</b> DAIRY MANAGEMENT, INC. VIA UTAH STATE UNIVERSITY		
	06-265-03	\$13,596	07/01/06 - 12/31/08
<b>FARKYE, NANA</b>	<b>Texture improvement of lowfat Cheddar cheese by blending nonfat cheese with full fat cheese, cheese extract/enzyme modified cheese or lubricants using stuffing technologies</b> DAIRY MANAGEMENT, INC. VIA UNIVERSITY OF WISCONSIN-MADISON		
	07-101-02	\$24,661	08/01/07 - 07/31/08

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<b><u>Dairy Products Technology Center</u></b>			
FARKYE, NANA	<b>Project Wizard Dairy Prototype</b> CLOROX SERVICES COMPANY 07-199-02	\$5,000	02/01/07 - 01/31/08
FARKYE, NANA KHALIL, HANY	<b>Technical Assistance for Cheese Production in Armenia</b> U.S. DEPT OF AGRICULTURE (FAS) VIA CSU FRESNO FOUNDATION 07-221-01	\$10,593	06/01/07 - 09/30/07
FARKYE, NANA	<b>Seasonal Changes in Nitrogen Distribution of Milk</b> CA DAIRY RESEARCH FOUNDATION 08-072-01	\$48,816	10/01/07 - 03/31/09
FARKYE, NANA	<b>Effective Seasonal Changes in Milk Quality on LMPS Mozzarella</b> SAPUTO CHEESE USA INC. 08-073-01	\$19,710	05/01/08 - 10/31/09
FARKYE, NANA TONG, PHILLIP	<b>New Natural Cheeses for the North American Market</b> KRAFT FOODS, INC. 08-099-01	\$56,996	10/01/07 - 09/30/08
FARKYE, NANA	<b>Improving low fat Cheddar cheese quality - Phase II</b> KRAFT FOODS, INC. 08-114-01	\$55,446	10/01/07 - 09/30/08
FARKYE, NANA	<b>Innovative strategies for making low fat cheese texture more like full fat cheese</b> DAIRY MANAGEMENT, INC. VIA UTAH STATE UNIVERSITY 08-129-01 08-129-02	\$46,805 \$47,300	09/01/07 - 08/31/08 09/01/07 - 08/31/08
JIMENEZ-FLORES, RAFAEL TONG, PHILLIP	<b>Whey component interactions in the concentration process of WPC manufacture</b> DAIRY MANAGEMENT, INC. 06-257-03	\$41,846	07/01/06 - 12/31/08
JIMENEZ-FLORES, RAFAEL	<b>Characterization of functional properties and lipid profiles of cheese treated by supercritical CO2</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 07-133-02	\$66,789	07/01/06 - 06/30/08
JIMENEZ-FLORES, RAFAEL	<b>Proteomic approach to study milk fat globule membrane proteins as biologically active compounds</b> CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 07-136-01	\$149,391	07/01/07 - 06/30/08
JIMENEZ-FLORES, RAFAEL	<b>Survey, detection and identification of bacteria causing ropy milk defect in raw and pasteurized milk</b> DAIRY MANAGEMENT, INC. 08-049-01 08-049-02	\$55,000 \$38,905	09/01/07 - 12/30/09 09/01/07 - 12/30/09
TONG, PHILLIP	<b>Improving Whey Protein Off-Flavor Prevention Via Alternate Process Step Optimization</b> DAIRY MANAGEMENT, INC. 08-098-01 08-098-02	\$44,858 \$31,900	09/01/07 - 12/31/09 09/01/07 - 12/31/09
TONG, PHILLIP	<b>DPTC Operations 2008 - Technical Support for Maintenance and Growth of the California Dairy Industry</b> CA DAIRY RESEARCH FOUNDATION 08-166-01	\$210,600	01/01/08 - 12/31/08

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<b><u>Dairy Products Technology Center</u></b>			
TONG, PHILLIP	<b>Dairy Products Technology Industry Outreach Program - 2008</b> CA DAIRY RESEARCH FOUNDATION 08-167-01	\$102,600	01/01/08 - 12/31/08
TONG, PHILLIP	<b>Expanding Utilization of California Milk for Cheese and Other Value Added Dairy Products &amp; Ingredients Through Industry Outreach &amp; Technology Transfer</b> CA DAIRY RESEARCH FOUNDATION 08-168-01	\$146,678	01/01/08 - 12/31/08
TONG, PHILLIP	<b>Cal Poly Dairy Ingredients Applications Program 2008</b> DAIRY MANAGEMENT, INC. 08-196-01	\$380,050	01/01/08 - 12/31/08
<b><u>Dairy Science</u></b>			
BERNING, LEANNE JASTER, EDWIN	<b>Relationship of Copper, Zinc and Selenium Status with Udder Health and Mastitis Incidence in the Cal Poly Holstein Herd</b> VIRGIL LEINARDI TRUST FUND 07-276-01	\$43,507	09/15/07 - 09/14/09
JASTER, EDWIN	<b>Enhanced Early Nutrition for Jersey Dairy Calves</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 06-029-03	\$2,300	07/01/05 - 06/30/08
<b><u>Food Science &amp; Nutrition</u></b>			
BERNER, LOUISE	<b>Characterization of Protein Intakes Among Older Adults in the US: Quantity, Meal Patterns, Food Sources, Predictors of Adequacy, and Relationship to Anthropometric &amp; Physical Functioning Measures</b> NATIONAL CATTLEMEN'S BEEF ASSOCIATION 08-084-01	\$43,409	10/01/07 - 09/30/10
BERNER, LOUISE	<b>Characterization of Protein Intakes Among Older Adults in the US: Quantity, Meal Patterns, Food Sources, Predictors of Adequacy, and Relationship to Anthropometric &amp; Physical Functioning Measures</b> DAIRY COUNCIL OF CALIFORNIA 08-085-01	\$44,127	10/01/07 - 09/30/10
BERNER, LOUISE	<b>Characterization of Protein Intakes Among Older Adults in the US: Quantity, Meal Patterns, Food Sources, Predictors of Adequacy, and Relationship to Anthropometric &amp; Physical Functioning Measures</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-087-01	\$24,903	07/01/07 - 06/30/10
GRANT-HOLCOMB, ARLENE	<b>Management and leadership skills in the undergraduate dietetics curriculum: How are competencies taught?</b> AMERICAN DIETETIC ASSOCIATION FOUNDATION 08-143-01	\$5,000	02/01/08 - 12/31/08
GRANT-HOLCOMB, ARLENE	<b>Management and leadership skills in the undergraduate dietetics curriculum: How are competencies taught?</b> FOODSERVICE SYSTEMS MANAGEMENT EDUCATION COUNCIL (FSMEC) 08-145-01	\$2,000	02/08/08 - 02/07/09

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<b><u>Food Science &amp; Nutrition</u></b>			
HAMPSON, BRIAN	<b>Evaluation of ozone efficacy for sanitation of food-contact and food-processing work surfaces: Mobile ozone generation for on-site application</b> CA DEPT OF FOOD AND AGRICULTURE VIA CA AGRICULTURAL TECHNOLOGY INSTITUTE (CATI) 07-287-01	\$34,980	05/14/07 - 09/30/08
KHALIL, HANY  JIMENEZ-FLORES, RAFAEL	<b>Mechanisms of Protection and Intestine Colonization of Probiotic Bacteria Offered by Milk Fat Globule Membrane in Yogurt as Determined by Laser Tweezers</b> CSU - AGRICULTURAL RESEARCH INITIATIVE  06-038-04	\$25,908	07/01/05 - 06/30/08
KHALIL, HANY  JIMENEZ-FLORES, RAFAEL	<b>Development of Nutritionally Dense, Low Weight Ready to Eat (RTE) Meal to Enhance Endurance and Physical Performance</b> CSU - AGRICULTURAL RESEARCH INITIATIVE  08-107-01	\$50,000	07/01/07 - 06/30/08
REAVES, SCOTT	<b>Optimal Sport Drink Formula</b> INALCO BIOCHEMICALS, INC. 07-057-01	\$7,500	09/01/07 - 08/31/08
REAVES, SCOTT	<b>Mechanisms of Skeletal Muscle Loss in Aging and its Prevention by Nutrient Intervention</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-182-01	\$6,244	07/01/07 - 06/30/09
WATABE-BELZEL, MADOKA GRANT-HOLCOMB, ARLENE	<b>Management and leadership skills in the undergraduate dietetics curriculum: Are key competencies taught effectively?</b> CSU - AGRICULTURAL RESEARCH INITIATIVE  08-172-01	\$2,727	07/01/07 - 06/30/09
<b><u>Horticulture &amp; Crop Science</u></b>			
BROWN, J WYATT HAMPSON, BRIAN	<b>Investigations into the Modified Atmosphere Packaging of Partially-Processed Artichokes</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 06-016-03	\$7,977	07/01/05 - 12/31/08
BROWN, J WYATT VORST, KEITH	<b>Investigations into the Suitability of Sustainable Biopolymer Packaging for Value-Added Produce</b> CA DEPT OF FOOD AND AGRICULTURE VIA CA AGRICULTURAL TECHNOLOGY INSTITUTE (CATI) 07-288-01	\$76,445	05/14/07 - 09/30/08
DOUGLAS, CYNTHIA KILLHAM, ANASTASIA	<b>Cal Poly Organic Farm 'Growing Gardens' Program</b> CA ASSOCIATION OF NURSERIES AND GARDEN CENTERS 08-063-01	\$5,325	08/01/07 - 07/31/08
GARNER, LAUREN	<b>The Effects of Plant Growth Regulator Spray Regimes and Girdling on Fruit Retention and Yield of Lychee (Litchi chinensis Sonn.) Trees</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 07-102-02	\$20,000	07/01/06 - 03/31/09
HEADRICK, DAVID	<b>Field Management Plan and Biocontrol Rearing System for Citrus Peelminer</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 07-017-02	\$28,516	07/01/06 - 06/30/09
HEADRICK, DAVID	<b>Citrus Leafminer Management Program for Nursery Citrus</b> CA CITRUS NURSERY BOARD 08-062-01	\$5,000	01/01/08 - 12/31/08

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<b><u>Horticulture &amp; Crop Science</u></b>			
HEADRICK, DAVID	<b>Biological Control for Citrus Leafminer in coastal California</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-175-01	\$52,500	07/01/07 - 06/30/10
VASSEY, TERRY L.	<b>Evaluation of pesticide efficacy as influenced by adjuvant and nozzle type</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 06-035-03	\$3,500	07/01/05 - 03/31/09
<b><u>Natural Resource Management</u></b>			
DICUS, CHRISTOPHER A.	<b>McIntire-Stennis - Effects of Differing Slash Treatments on Potential Fire Behavior and Soil Erosion in a Selectively Harvested Coast Redwood Forest</b> U.S. DEPT OF AGRICULTURE (CSREES) 06-131-04	\$10,507	10/01/05 - 09/30/08
DICUS, CHRISTOPHER A.	<b>Tradeoffs in Fire Hazard vs. Societal Benefits in Wildland-Urban Interface Communities</b> NATIONAL INTERAGENCY FIRE CENTER VIA U. S. DEPT OF AGRICULTURE (FOREST SERVICE) 07-151-01	\$281,806	07/15/07 - 09/30/10
DICUS, CHRISTOPHER A. THOMPSON, RICHARD	<b>Tradeoffs in Community Benefits Versus Fire Risk in Wildland/Urban Interface Forests</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-020-01	\$40,789	07/01/07 - 06/30/10
DIETTERICK, BRIAN MASTIN, TOM B.	<b>Accuracy of Derived Watershed and Channel Features in Forested Mountain Conditions Using LIDAR Terrain Data</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-048-01	\$64,931	07/01/07 - 06/30/10
DIETTERICK, BRIAN	<b>McIntire-Stennis - Calibration Analysis and Post-treatment Phasing of a Paired and Nested Watershed Study to Evaluate Event-Based Suspended Sediment Export</b> U.S. DEPT OF AGRICULTURE (CSREES) 08-203-01	\$24,765	10/01/07 - 09/30/12
GOLDENBERG, MARNI	<b>McIntire-Stennis - Longitudinal Research of Wilderness Participation in Forested Areas Using Means-End Analysis</b> U.S. DEPT OF AGRICULTURE (CSREES) 06-132-03	\$17,500	10/01/05 - 09/30/08
GREENWOOD, JERUSHA	<b>Sustainable Tourism Development Research</b> CSU - AGRICULTURAL RESEARCH INITIATIVE 08-035-01	\$5,000	07/01/07 - 06/30/08
GREENWOOD, JERUSHA	<b>McIntire-Stennis - A Statewide Opinions and Attitudes Survey on Outdoor Recreation in California</b> U.S. DEPT OF AGRICULTURE (CSREES) 08-204-01	\$17,000	10/01/07 - 09/30/08
HENDRICKS, WILLIAM GREENWOOD, JERUSHA	<b>Mt. San Jacinto State Park Visitor Use Impact Study</b> CA DEPT OF PARKS & RECREATION VIA CSU SACRAMENTO UNIVERSITY ENTERPRISES INC. 07-185-01	\$9,600	06/01/07 - 06/20/08
HENDRICKS, WILLIAM GREENWOOD, JERUSHA	<b>California Opinions and Attitudes Survey on Outdoor Recreation</b> CA DEPT OF PARKS & RECREATION 07-187-01	\$93,300	04/01/07 - 03/31/09

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<b><u>Natural Resource Management</u></b>			
HENDRICKS, WILLIAM GREENWOOD, JERUSHA	<b>Mt. San Jacinto State Park Visitor Use Impact Study</b> CSU - AGRICULTURAL RESEARCH INITIATIVE  08-017-01	\$8,090	07/01/07 - 06/30/09
HENDRICKS, WILLIAM GREENWOOD, JERUSHA	<b>California Opinions and Attitudes Survey on Outdoor Recreation</b> CSU - AGRICULTURAL RESEARCH INITIATIVE  08-060-01	\$75,761	07/01/07 - 06/30/09
JACOBS, JEFFREY A.	<b>Youth Environmental Education Programs: Program Improvement Process</b> CA COASTAL COMMISSION - WHALE TAIL GRANTS PROGRAM  08-142-01	\$9,993	04/01/08 - 05/31/10
MARK, WALTER	<b>Spatial Modeling of a Biological Invasion: Landscape-level establishment and spread of Phytophthora ramorum in California</b> CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE)  05-160-03	\$130,000	07/01/05 - 01/31/09
MARK, WALTER  PIIRTO, DOUGLAS	<b>McIntire-Stennis - Potential of Restoration Forestry to Accelerate Attainment of Late Seral Stage Characteristics in Second Growth Redwood Forests</b> U.S. DEPT OF AGRICULTURE (CSREES)  06-129-04	\$9,100	10/01/05 - 09/30/08
MARK, WALTER	<b>Treatment of Sudden Oak Death in Big Sur</b> U.S. DEPT OF AGRICULTURE (FOREST SERVICE) VIA UNIVERSITY OF CALIFORNIA, BERKELEY  06-264-01	\$50,000	07/26/06 - 07/31/08
MARK, WALTER	<b>Southern Area Sudden Oak Death Monitoring Plan</b> U.S. DEPT OF AGRICULTURE (FOREST SERVICE)  07-204-01	\$32,556	06/01/07 - 05/31/10
MARK, WALTER	<b>Regional Forest Health Specialist</b> CA DEPT OF FORESTRY  07-312-01	\$348,775	12/17/07 - 06/30/10
MARK, WALTER WONG, JEFFREY C.	<b>Monterey pine propagation for California native stand conservation and for the nursery industry</b> CSU - AGRICULTURAL RESEARCH INITIATIVE  08-162-01	\$64,719	07/01/07 - 06/30/10
PIIRTO, DOUGLAS	<b>Student Assistants for California Department of Forestry (2005-2007)</b> CA DEPT OF FORESTRY  05-254-02	\$191,666	07/01/05 - 12/31/10
PIIRTO, DOUGLAS SHELTON, MARK	<b>McIntire-Stennis Forestry Research Program (2006-2007)</b> U.S. DEPT OF AGRICULTURE (CSREES)  07-077-02	\$362	10/01/06 - 09/30/07
PIIRTO, DOUGLAS SHELTON, MARK	<b>McIntire-Stennis Forestry Research Program (2007-2008)</b> U.S. DEPT OF AGRICULTURE (CSREES)  08-202-01  08-202-02	\$19,128  \$11,502	10/01/07 - 09/30/08  10/01/07 - 09/30/08

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<b><u>Architecture &amp; Env Design</u></b>			
<b><u>Architectural Engineering</u></b>			
MCDANIEL, COLE DONG, KEVIN	Architectural Engineering Design Project CA DEPT OF MILITARY 07-283-01	\$10,800	05/21/07 - 09/26/07
<b><u>Architecture</u></b>			
POHL, JENS	ICODES Development and Software Maintenance Support - Stage 14 CDM TECHNOLOGIES, INC. 07-261-02	\$52,000	04/28/07 - 10/12/07
POHL, JENS	ICODES Development and Software Maintenance Support - Stage 15 CDM TECHNOLOGIES, INC. 08-109-01	\$280,000	10/13/07 - 02/15/08
POHL, JENS	ICODES Development and Software Maintenance Support – Stage 16 CDM TECHNOLOGIES, INC. 08-212-01	\$360,000	02/16/08 - 08/15/08
<b><u>City &amp; Regional Planning</u></b>			
HOWARD, ZELJKA PAVLOVICH	Nipomo 2040: Planning for Sustainable Growth (Draft Community Plan) SAN LUIS OBISPO COUNTY  08-113-01	\$10,000	09/17/07 - 05/31/08
NUWORSOO, CORNELIUS	Grover Beach Community Plan CITY OF GROVER BEACH 08-116-01	\$4,999	11/16/07 - 03/03/08
SIEMBIEDA, WILLIAM	Energy Planning for Local Policy Makers SIERRA CLUB 07-304-01	\$4,750	07/01/07 - 09/15/07
TOKER, UMUT	Downtown Delano Concept Plan: A Participatory Process CITY OF DELANO 08-180-01	\$33,471	02/01/08 - 05/31/08
TOKER, UMUT	Draft Downtown Delano Urban Design Proposal CITY OF DELANO 08-225-01	\$15,270	04/01/08 - 07/15/08
<b><u>Construction Management</u></b>			
JACKSON, BARBARA	CPF Extension for CCCE Activities CHARLES PANKOW FOUNDATION 08-006-01	\$50,000	07/01/07 - 07/31/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Landscape Architecture</u></b>			
BREMER, WALTER	<b>Master Agreement Task #4: Workshop/Meeting Support and Technology Transfer</b> SAN LUIS OBISPO COUNCIL OF GOVERNMENTS 08-096-01	\$11,304	08/04/07 - 12/31/07
BREMER, WALTER	<b>Master Agreement Task #5: Workshop/Meeting Visual Simulations</b> SAN LUIS OBISPO COUNCIL OF GOVERNMENTS 08-126-01	\$7,882	10/01/07 - 01/31/08
	08-126-02	\$2,765	10/01/07 - 01/31/08
BREMER, WALTER	<b>Master Agreement Task #6: Opportunity Analysis</b> SAN LUIS OBISPO COUNCIL OF GOVERNMENTS 08-174-01	\$9,036	01/01/08 - 07/15/08
<b><u>Business</u></b>			
<b><u>Economics</u></b>			
HAMILTON, STEPHEN	<b>Pricing and Advertising Relationships in the Food Retail Sector</b> U.S. DEPT OF AGRICULTURE VIA UNIVERSITY OF WISCONSIN AT MADISON 06-198-01	\$16,489	06/01/06 - 09/30/06
HAMILTON, STEPHEN	<b>Pricing Relationships in the Food Retail Sector</b> U.S. DEPT OF AGRICULTURE VIA UNIVERSITY OF WISCONSIN AT MADISON 06-211-02	\$18,087	09/01/06 - 08/31/08
<b><u>Finance</u></b>			
RAMEZANI, CYRUS	<b>Financing Claims Paying Capacity for Earthquake: Alternatives to Reinsurance</b> CA DEPT OF INSURANCE 08-134-01	\$39,966	02/01/08 - 07/31/08
<b><u>Industrial Technology</u></b>			
SINGH, JAGJIT	<b>Development of Commercially Viable Recycled Polyethylene Terephthalate</b> CA DEPT OF CONSERVATION 08-021-01	\$500,000	01/01/08 - 12/31/09
<b><u>Education</u></b>			
<b><u>Teacher Education</u></b>			
CHIN, ELAINE	<b>Excellence in Teacher Preparation Project - Teachers for a New Era (TNE)</b> CARNEGIE CORPORATION OF NEW YORK VIA CSU NORTHRIDGE 08-061-01	\$12,912	09/01/06 - 08/31/07
MAGNUSSON, SHIRLEY LIDDICOAT, SILVIA, MAGNUSSON, SHIRLEY /	<b>Integrating Science, Technology, Engineering and Mathematics into Upper Elementary Education</b> S. D. BECHTEL, JR. FOUNDATION 06-163-02	\$150,000	12/05/05 - 12/31/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Teacher Education</u></b>			
MAGNUSSON, SHIRLEY	<b>Engineering in the Elementary School Curriculum</b> S. D. BECHTEL, JR. FOUNDATION 08-121-01	\$100,000	01/01/08 - 12/31/08
<b><u>Engineering</u></b>			
<b><u>Aerospace Engineering</u></b>			
BIEZAD, DANIEL	<b>Development of Multidisciplinary Flight Control Techniques for the Simulation of Intelligent Unmanned Autonomous Vehicles</b> NASA - AMES RESEARCH CENTER 08-010-01	\$133,066	03/01/08 - 09/14/10
HALL, DAVID W.	<b>Summer 2007: CESTOL Project Research and Development</b> NASA - AMES RESEARCH CENTER (UARC) VIA UC SANTA CRUZ 07-299-01	\$49,478	06/26/07 - 12/15/07
MARSHALL, DAVID D	<b>The Integrated Modeling and Verification of Hybrid Wing-Body, Low Noise ESTOL Aircraft</b> NASA - LANGLEY RESEARCH CENTER 07-272-01	\$873,934	10/01/07 - 09/30/08
MCDONALD, ROBERT	<b>A multidisciplinary geometry based framework connecting design, optimization, aerodynamics, and structures.</b> NASA - AMES RESEARCH CENTER 07-273-01	\$345,231	10/01/07 - 09/30/10
PUIG-SUARI, JORDI	<b>Nano-Satellite and CubeSat Compatible Deployable Thin Film Material Payloads</b> THE BOEING COMPANY 07-217-01	\$100,619	02/07/08 - 09/30/09
PUIG-SUARI, JORDI	<b>P-POD Manufacturing and Delivery to ATSB Project</b> ASTRONAUTIC TECHNOLOGY SDN BHD (ATSB) 07-275-01	\$60,000	05/01/07 - 06/30/08
PUIG-SUARI, JORDI	<b>CubeSail Mission Launch Segment Support for NASA's Marshall Space Flight Center</b> COMPUTER SCIENCES CORPORATION 07-284-01	\$81,500	08/01/07 - 12/31/08
PUIG-SUARI, JORDI	<b>Astrobionics Program Systems Engineering &amp; Design Support for Small Satellite Division</b> NASA - AMES RESEARCH CENTER 08-038-01	\$24,998	09/01/07 - 04/01/08
PUIG-SUARI, JORDI	<b>CubeSail Mission Launch Segment Support for NASA's Marshall Space Flight Center</b> NASA - MARSHALL SPACE FLIGHT CENTER 08-039-01	\$130,000	09/26/07 - 09/30/08
<b><u>Biomedical and General Engineering</u></b>			
GRIFFIN, LANNY	<b>Biomechanical Comparison of Wire Circlage and Rigid Plate Fixation for Median Sternotomy Closure in Human Cadaver Specimens</b> BIOMET MICROFIXATION 08-040-01	\$15,287	11/01/07 - 10/31/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Biomedical and General Engineering</u></b>			
HAZELWOOD, SCOTT	<b>Long Term Effects of Bisphosphonate Therapy on Bone</b> NATIONAL INSTITUTES OF HEALTH 08-013-01	\$184,050	08/30/07 - 03/31/09
<b><u>Civil &amp; Environmental Engineering</u></b>			
HANSON, JAMES	<b>USUCGER Workshop 2008: Research and Education Priorities for the Geotechnical Engineering Community</b> NATIONAL SCIENCE FOUNDATION 08-272-01	\$35,858	04/15/08 - 08/15/08
KACHLAKEV, DAMIAN I. PAL, NIRUPAM	<b>Durability of Plastered Swimming Pools - Phase Four</b> NATIONAL PLASTERERS COUNCIL INC. 06-267-02	\$40,000	08/01/06 - 09/30/07
KACHLAKEV, DAMIAN I.	<b>Durability of Plastered Swimming Pools - Manager Technician</b> NATIONAL PLASTERERS COUNCIL INC. 08-128-01	\$48,272	10/22/07 - 10/24/08
KACHLAKEV, DAMIAN I. LEHR, CORINNE	<b>Surface Deteriorations of Plastered Swimming Pools-Phase Five</b> NATIONAL PLASTERERS COUNCIL INC. 08-150-01	\$154,475	10/15/07 - 10/30/08
LUNDQUIST, TRYGVE NELSON, YARROW M.	<b>Testing Boron Precipitation from Produced Waters at the Arroyo Grande Oil Field</b> PLAINS EXPLORATION & PRODUCTION COMPANY (PXP) 08-123-01	\$98,644	11/01/07 - 10/31/08
LUNDQUIST, TRYGVE	<b>Wastewater Facility Project</b> SUSTAINABLE CONSERVATION, INC. 08-176-01	\$80,000	12/01/07 - 12/31/08
LUNDQUIST, TRYGVE	<b>Dairy Wastewater Treatment Feasibility Study</b> U.S. ENVIRONMENTAL PROTECTION AGENCY 08-279-01	\$19,936	06/01/08 - 08/30/08
MITRA, SUDESHNA	<b>Enhancing Road Traffic Safety in Inland Empire: A GIS Based Methodology to Identify Potential Areas of Improvement</b> CSU SAN BERNARDINO 07-254-01	\$5,011	06/01/07 - 05/31/08
NELSON, YARROW M. KITTS, CHRISTOPHER L	<b>Chevron Master Agreement Task 6: Phytoremediation of Hydrocarbons Using an On-Site Container Study (Phase 3)</b> CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY 08-023-01	\$29,063	09/01/07 - 12/31/08
NELSON, YARROW M. KITTS, CHRISTOPHER L	<b>Chevron Master Agreement Task #7: Hydrocarbon Biodegradation Kinetics with Anaerobic Electron Acceptors in Laboratory Microcosms (Year 3)</b> CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY 08-024-01	\$10,388	09/01/07 - 12/31/08
NELSON, YARROW M. KITTS, CHRISTOPHER L	<b>Chevron Master Agreement Task #8: Synthesis and Summary of Cumulative EBI Research at GRP</b> CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY 08-025-01	\$6,436	09/01/07 - 12/31/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>College of Engineering</u></b>			
GERFEN, JEFFREY	<b>Mobile TMC Support</b> CA DEPT OF TRANSPORTATION (CALTRANS) VIA UNIVERSITY OF CALIFORNIA, IRVINE 06-144-02	\$10,000	01/01/06 - 06/30/08
GERFEN, JEFFREY	<b>Caltrans TMC Coordination</b> CSU SAN BERNARDINO 07-255-01	\$4,995	06/01/07 - 03/01/08
NOORI, MOHAMMAD BEKEY, GEORGE	<b>REU SITE-SUMMER INTERNSHIPS IN ROBOTICS AND AUTONOMOUS SYSTEMS</b> NATIONAL SCIENCE FOUNDATION 08-077-01	\$297,081	03/01/08 - 02/28/11
<b><u>Computer Science</u></b>			
CLEMENTS, JOHN	<b>Redesigning Introductory Computing: The Design discipline (Participants)</b> NATIONAL SCIENCE FOUNDATION VIA ADELPHIA UNIVERSITY 08-071-01	\$19,550	09/01/06 - 08/31/10
<b><u>Electrical Engineering</u></b>			
DERICKSON, DENNIS	<b>Student Project with JDSU</b> JDS UNIPHASE CORPORATION 08-179-01	\$7,000	01/01/08 - 09/30/08
GERFEN, JEFFREY	<b>TMC Training Simulator Move and Support Agreement</b> CA DEPT OF TRANSPORTATION (CALTRANS) 07-271-01	\$250,000	07/12/07 - 06/30/09
JIN, XIAOMIN	<b>Modeling of Semiconductor Lasers and Photodiodes, and Characterization of Cables for Interferometer Measurements System Applications</b> AGILENT TECHNOLOGIES, INC 07-040-02	\$6,000	09/30/06 - 09/28/07
JIN, XIAOMIN	<b>SIMULATION OF THE 633NM PHOTODETECTOR</b> AGILENT TECHNOLOGIES, INC 08-146-01	\$9,342	12/01/07 - 06/30/08
PILKINGTON, WAYNE	<b>Digital Filtering and Signal Recognition for Electromagnetic Acoustic Transducer Ultrasonic Non-Destructive Evaluation</b> EMAT ULTRASONICS, INC., DBA SONIC SENSORS 08-240-01	\$5,105	03/05/08 - 08/31/08
SAGHRI, JOHN A.	<b>Synthetic Aperture Radar Automatic Target Recognition for Ground Targets</b> RAYTHEON COMPANY 08-029-01	\$20,000	09/01/07 - 08/30/08
<b><u>Industrial &amp; Manufacturing Engineering</u></b>			
FREED, TALI	<b>PG&amp;E Diablo Canyon Warehouse RFID Project</b> PACIFIC GAS & ELECTRIC COMPANY 08-125-01	\$170,000	12/15/07 - 08/31/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Industrial &amp; Manufacturing Engineering</u></b>			
PAN, JIANBIAO	<b>Advance Thermosonic Gold Wirebonding Using High Frequency – 120 KHz Ultrasonic Energy</b> TELEDYNE ELECTRONIC TECHNOLOGIES 08-108-01	\$10,000	11/15/07 - 11/15/08
WALDORF, DANIEL	<b>Competitive Carbide Cutting Tools with Alternative Binders</b> NATIONAL SCIENCE FOUNDATION VIA GENIUS METAL INC. 07-155-01	\$5,000	07/01/07 - 12/31/07
	07-155-02	\$19,287	07/01/07 - 12/31/07
<b><u>Materials Engineering</u></b>			
VANASUPA, LINDA	<b>Collaborative Research: Civil and Environmental Engineering Education (CEEE) Transformational Change: Sustainability Curriculum Development, Implementation, Dissemination and Assessment</b> NATIONAL SCIENCE FOUNDATION (CCLI) 07-146-01	\$91,520	10/01/07 - 09/30/07
VANASUPA, LINDA	<b>Educating Engineering Innovators: Planning Visit for Finalizing Collaborative Research in China</b> NATIONAL SCIENCE FOUNDATION (OISE) 08-041-01	\$19,998	12/01/07 - 11/30/08
<b><u>Mechanical Engineering</u></b>			
BIRDSONG, CHARLES SCHUSTER, PETER	<b>Sensor Integration for Low-Cost Crash Avoidance</b> TRANSPORTATION RESEARCH BOARD TRANSIT COOPERATIVE RESEARCH PROGRAM 06-050-01	\$75,000	01/07/08 - 03/06/09
KLISCH, STEPHEN M.	<b>A Continuum Model of Cartilage Growth Biomechanics</b> NATIONAL INSTITUTES OF HEALTH 06-209-01	\$210,000	09/01/07 - 08/31/10
SELF, BRIAN	<b>Collaborative Research: Improving Engineering Students' Learning Strategies through Models and Modeling</b> NATIONAL SCIENCE FOUNDATION (CCLI) 07-147-01	\$229,945	09/01/07 - 08/31/11
SELF, BRIAN WIDMANN, JAMES	<b>Access by Design: Capstone Projects to Promote Adapted Physical Activity</b> NATIONAL SCIENCE FOUNDATION 08-068-01	\$125,000	03/15/08 - 02/28/13
<b><u>Minority Engineering Program</u></b>			
CANTU, DAVID	<b>MESA Schools Program 2007-2008</b> UNIVERSITY OF CALIFORNIA 07-262-02	\$21,250	07/01/07 - 06/30/08
CANTU, DAVID	<b>MESA Schools Program 2008-2009</b> UNIVERSITY OF CALIFORNIA 08-118-01	\$58,750	07/01/08 - 06/30/09
CANTU, DAVID	<b>NSF / MESA CSEMS Grant Program</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 08-178-01	\$31,500	08/13/07 - 09/30/10

# GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Liberal Arts</u></b>			
<b><u>Cal Poly Arts</u></b>			
WILT, PETER	<b>Music from the Crooked Road: Mountain Music of Virginia</b> CALIFORNIA PRESENTERS 07-194-01	\$2,500	07/01/07 - 06/30/08
WILT, PETER	<b>Cal Poly Arts for Youth: Educational Arts Events for San Luis Obispo Students and Teachers</b> SAN LUIS OBISPO, CITY OF (PCC) 07-246-01	\$2,000	07/01/07 - 06/30/08
<b><u>Graphic Communications</u></b>			
LEVENSON, HARVEY	<b>Dow Jones Inkjet Head Technology Project</b> DOW JONES 08-054-01	\$85,000	08/15/07 - 08/31/08
LEVENSON, HARVEY	<b>Print Tech/Press Operator II Training Course</b> NEWSPAPER ASSOCIATION OF AMERICA 08-171-01	\$24,000	12/17/07 - 07/30/08
<b><u>Liberal Studies</u></b>			
DUFFY, SUSAN	<b>Group Guitar Lessons for Junior and Senior High School Students Participating in After-School Program</b> CENTRAL COAST WINE CLASSIC 07-140-01	\$5,000	10/01/07 - 09/30/08
<b><u>Psychology &amp; Child Development</u></b>			
ENGLE, PATRICE	<b>Policy and Developmental Potential among Children in the UNICEF CEE.CIS Region</b> UNICEF 08-053-01	\$39,000	11/01/07 - 10/11/08
<b><u>Science &amp; Mathematics</u></b>			
<b><u>Biological Sciences</u></b>			
ELROD, SUSAN	<b>Literature-Based Scientific Learning in Genetics</b> NATIONAL SCIENCE FOUNDATION 07-252-01	\$25,044	07/01/07 - 12/31/09
ELROD, SUSAN CICHOWSKI, ROBERT	<b>Science Teacher and Reseacher (STAR): Strengthening K-12 Science Teaching in California</b> S. D. BECHTEL, JR. FOUNDATION 08-170-01	\$265,000	02/27/08 - 02/26/09
HIMELBLAU, EDWARD	<b>Functional Genomics of Plant Polyploids</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 07-173-01	\$100,781	09/01/06 - 08/31/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Biological Sciences</u></b>			
KITTS, CHRISTOPHER L NELSON, YARROW M.	<b>Chevron Master Agreement Task 9: Microbiology Support for Guadalupe Projects</b> CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY 08-026-01	\$19,441	09/01/07 - 12/30/08
KITTS, CHRISTOPHER L	<b>Fecal Source Tracking at Pismo Beach</b> CA STATE WATER RESOURCES CONTROL BOARD VIA CITY OF PISMO BEACH 08-052-01	\$660,368	07/01/07 - 01/01/10
MOLINE, MARK	<b>SCCOOS: Shelf to Shoreline Observatory Development</b> NOAA VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 04-087-03	\$30,000	06/01/04 - 12/31/07
MOLINE, MARK	<b>The Southern California Coastal Current Observing System (Radar Component)</b> CA STATE COASTAL CONSERVANCY, VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 04-229-04	\$25,645	02/01/05 - 01/15/09
MOLINE, MARK	<b>The Southern California Coastal Current Observing System (Transition Component)</b> CA STATE COASTAL CONSERVANCY, VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 04-230-03	\$52,757	02/01/05 - 01/15/09
MOLINE, MARK	<b>Bioluminescence Potential in the Transition Zone to Very Shallow Water</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 06-019-01	\$127,334	10/01/05 - 12/31/08
MOLINE, MARK	<b>Rapid Environmental Assessment Using an Integrated Coastal Ocean Observation and Modeling System</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH VIA RUTGERS UNIVERSITY 06-089-02	\$74,962	08/01/06 - 09/30/09
MOLINE, MARK	<b>Lagrangian studies of the transport, transformation, and biological impact of nutrients and contaminant metals in an estuarine plume.</b> NATIONAL SCIENCE FOUNDATION 07-251-01	\$48,400	07/01/07 - 02/28/09
MOLINE, MARK	<b>Publication of Special Edition of "Limnology and Oceanography"</b> NATIONAL SCIENCE FOUNDATION 07-279-01	\$80,000	07/01/07 - 06/30/08
MOLINE, MARK	<b>Use of UUVs to Evaluate and Improve Model Performance within a Tidally-dominated Bay</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 07-311-01 07-311-02 07-311-03	\$33,036 (\$1,651) \$639,051	08/01/07 - 07/31/08 08/01/07 - 07/31/08 08/01/07 - 12/30/09
RITTER, MATTHEW	<b>CESU Project #1 - 2006-08: Development and Implementation of Monitoring Plan for Marsh Sandwort (Arenaria paludicola) and Gambel's Watercress (Nasturtium gambelii) Outplanting Efforts in Central Coastal California</b> U.S. FISH AND WILDLIFE SERVICE 08-057-01	\$11,856	11/30/07 - 11/30/10
TOMANEK, LARS	<b>Collaborative Research: Evolutionary and Ecological Physiology of Blue Mussels (genus Mytilus): Gene and Protein Expression and Molecular Evolution in Differently-adapted Congeners</b> NATIONAL SCIENCE FOUNDATION 07-177-01 07-177-02	\$148,948 \$133,543	09/01/07 - 08/31/08 09/01/07 - 08/31/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Biological Sciences</u></b>			
TOMANEK, LARS	<b>Research Opportunity Award: Evolutionary and Ecological Physiology of Blue Mussels (genus Mytilus): Gene and Protein Expression and Molecular Evolution in Differently-adapted Congeners</b> NATIONAL SCIENCE FOUNDATION		
	08-131-01	\$25,000	01/01/08 - 08/31/08
TOMANEK, LARS	<b>Protein Expression Profiles as Biomarkers for Exposure to Persistent Organic Pollutants in Arrow Goby, Clevelandia ios</b> CA SEA GRANT COLLEGE PROGRAM		
	08-247-01	\$10,000	03/01/08 - 02/28/09
	08-247-02	\$18,777	03/01/08 - 02/28/09
WENDT, DEAN	<b>Collaborative Surveys of Nearshore Fishes In and Near Central California MPA's</b> CA SEA GRANT PROGRAM		
	07-109-01	\$101,751	06/01/07 - 05/31/08
WENDT, DEAN	<b>Task 1: First 10 Test Panels</b> JANSSEN PHARMACEUTICA NV - PRESERVATION AND MATERIAL PROTECTION		
	08-232-01	\$10,000	03/01/08 - 03/31/09
WENDT, DEAN	<b>A Collaborative Protocol for Monitoring Marine Protected Areas with Commercial Fishermen</b> CAMPBELL FOUNDATION		
	08-277-01	\$25,000	06/01/08 - 05/31/09
<b><u>Chemistry and BioChemistry</u></b>			
BERBER-JIMENEZ, M. DOLORES	<b>California Science Project Teacher Retention Initiative</b> CA POSTSECONDARY EDUCATION COMMISSION VIA REGENTS OF UNIVERSITY OF CALIFORNIA		
BUSH, SETH	07-169-01	\$100,000	08/01/06 - 09/30/08
CICHOWSKI, ROBERT	<b>Aspiring Science Teacher Research Pilot Project</b> U.S. DEPT OF ENERGY VIA LAWRENCE LIVERMORE NATIONAL LABORATORY		
BUSH, SETH	07-280-02	(\$9,834)	06/25/07 - 09/30/07
FANTIN, DENNIS	<b>Access Chemistry: An Adaptive Laboratory Chemistry Workshop for Students with Vision Impairments (Year 2)</b> TRUE NORTH FOUNDATION		
	08-271-01	\$12,000	04/01/08 - 03/31/09
FERNANDO, RAYMOND	<b>NIST Student Internship: Dispersion of Nanoparticles</b> NATIONAL INSTITUTES OF STANDARDS AND TECHNOLOGY (NIST)		
	06-228-02	\$36,444	09/01/06 - 06/30/07
IMMOOS, CHAD E.	<b>Reagentless Methods for Electrocatalytic DNA Detection</b> U.S. DEPT OF THE ARMY, ARMY RESEARCH OFFICE, YOUNG INVESTIGATORS PROGRAM		
	05-242-03	\$49,978	12/01/05 - 11/30/08
JONES, DANE	<b>Development of Novel Polymer Precursors</b> CHEMLOGICS GROUP		
	08-033-01	\$5,000	08/15/07 - 08/15/08
NEFF, GRACE ANN	<b>Central Coast Science Project 2006-2008</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - CALIFORNIA SCIENCE PROJECT		
RETSEK, JENNIFER	06-212-01	\$48,000	03/01/07 - 07/31/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Chemistry and BioChemistry</u></b>			
<b>NEFF, GRACE ANN</b> BERBER-JIMENEZ, M. DOLORES	<b>Central Coast Science Project 2007-2008</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - CALIFORNIA SCIENCE PROJECT  07-230-01	\$48,000	07/01/07 - 06/30/08
<b>NEFF, GRACE ANN</b> BERBER-JIMENEZ, M. DOLORES	<b>Central Coast Science Project 2007/08 Supplemental Funding</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - CALIFORNIA SCIENCE PROJECT  08-037-01	\$20,000	09/01/07 - 06/30/08
<b><u>Mathematics</u></b>			
<b>AGRONSKY, STEVEN</b>	<b>Mathematics Diagnostic Testing Project (MDTP) 2003-2004</b> UNIVERSITY OF CALIFORNIA  04-118-05	\$26,937	07/01/03 - 09/30/08
<b>GRUNDMEIER, TODD</b> MEDINA, ELSA	<b>Robert Noyce Scholarship Program</b> NATIONAL SCIENCE FOUNDATION  06-203-02	\$7,960	07/01/07 - 06/30/11
<b>RILEY, KATE</b> BERBER-JIMENEZ, M. DOLORES	<b>Central Coast Mathematics and Science Project</b> CA DEPT OF EDUCATION VIA SANTA MARIA-BONITA SCHOOL DISTRICT  07-264-01	\$287,163	07/01/07 - 09/30/08
<b><u>Physics</u></b>			
<b>CHRISTIANSEN, JODI</b>	<b>RUI: Analysis of TeV Gamma-rays and Pulsars Observed by VERITAS</b> NATIONAL SCIENCE FOUNDATION  08-088-01	\$71,478	09/01/08 - 08/31/11
<b>GILLEN, GLEN</b>	<b>Refractive Index and Thermo-Optic Coefficient Measurements of Materials in the Near-Infrared Regime</b> U.S. AIR FORCE VIA GENERAL DYNAMICS INFORMATION TECHNOLOGY, INC.  07-210-02	\$10,000	04/09/07 - 10/31/08
<b>GUTIERREZ, THOMAS</b>	<b>RUI: A Search for Neutrinoless Double Beta Decay in Tellurium Using the Cuoricino Detector</b> NATIONAL SCIENCE FOUNDATION  07-061-02	\$68,664	05/15/07 - 04/30/09
<b>KLAY, JENNIFER</b>	<b>RUI: Jet Tomography of Compressed Nuclear Matter with the ALICE Experiment at the LHC</b> NATIONAL SCIENCE FOUNDATION  07-060-02	\$52,228	07/01/07 - 06/30/09
<b>KLAY, JENNIFER</b>	<b>Software Development for Time Projection Chamber</b> U.S. DEPT OF ENERGY VIA GEORGIA INSTITUTE OF TECHNOLOGY  07-293-01	\$99,945	09/30/07 - 09/29/08
<b>SAENZ, RICHARD</b>	<b>Paleomagnetic Study of Transitional Fields Recorded Throughout the Cenozoic by Australasian Lavas</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF WISCONSIN AT MADISON  07-241-01	\$5,650	12/01/06 - 11/30/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b>Student Affairs</b>			
<b><u>Health &amp; Counseling Services</u></b>			
<b>BRAGG, MARTIN</b>	<b>Safer California Universities: A Multi-Campus Alcohol Problem Prevention Study</b> NIAAA VIA PREVENTION RESEARCH CENTER, PACIFIC INSTITUTE FOR RESEARCH & EVALUATION 04-071-04	\$15,000	09/15/03 - 09/14/08
<b><u>Student Academic Services</u></b>			
<b>GONZALEZ, LUIS</b>	<b>Cal Poly Upward Bound Project (2007-2012)</b> U.S. DEPT OF EDUCATION 07-068-01	\$387,523	09/01/07 - 08/31/08
<b>MARGARITO, CESAR</b> DIPASQUALE, JEANNINE	<b>Student Support Services Program (2005- 2010)</b> U.S. DEPT OF EDUCATION 05-021-03	\$275,426	09/01/05 - 08/31/08
<b>OLVERA, NELDA</b>	<b>Talent Search Program (2007- 2012)</b> U.S. DEPT OF EDUCATION 06-112-01	\$226,600	09/01/07 - 08/31/12
<b><u>Student Life &amp; Leadership</u></b>			
<b>BRUCE, LISA K.</b>	<b>Cal Poly Open House 2008</b> SAN LUIS OBISPO, CITY OF (PCC) 07-239-01	\$3,500	07/01/07 - 06/30/08
<b>HARKINS, JOY</b>	<b>SaYES Marketing Campaign</b> STATE EDUCATION AGENCY K-12 SERVICE-LEARNING NETWORK (SEANET) - ACADEMY FOR EDUCATIONAL DEVELOPMENT 07-259-01	\$4,000	05/01/07 - 11/30/07
<b>HARKINS, JOY</b> LAMB, STEPHAN	<b>California's PROMISE (Pooling Regional Opportunities Maximizes Intensive Service Enhancement)</b> AMERICORPS VIA NAPA COUNTY OFFICE OF EDUCATION 08-042-01 08-042-02	\$67,338 \$22,446	08/06/07 - 12/31/08 08/06/07 - 12/31/08
<b>HARKINS, JOY</b> LAMB, STEPHAN	<b>Cal Poly's PROMISE Fellows Program</b> VARIOUS NON-PROFIT ORGANIZATIONS 08-070-01 08-070-02	\$40,000 \$20,000	08/06/07 - 12/31/08 08/06/07 - 12/31/08
<b>LAMB, STEPHAN</b> HARKINS, JOY	<b>Central Coast Volunteer Corps</b> CA SERVICE CORPS 06-095-01	\$271,539	01/01/07 - 12/31/07
<b>LAMB, STEPHAN</b> HARKINS, JOY	<b>Central Coast Volunteer Corps</b> CA SERVICE CORPS 07-066-01	\$385,460	06/15/07 - 12/31/08
<b>LAMB, STEPHAN</b>	<b>Central Coast Volunteer Corps Partners 2007</b> VARIOUS NON-PROFIT ORGANIZATIONS 07-219-03	\$9,000	01/01/07 - 12/31/07

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Student Life &amp; Leadership</u></b>			
LAMB, STEPHAN	<b>Central Coast Volunteer Corps Partners 2007</b> VARIOUS NON-PROFIT ORGANIZATIONS 07-219-04	\$65,881	01/01/07 - 12/31/07
LAMB, STEPHAN	<b>Community Project: Night Out with Your Neighbors</b> SAN LUIS OBISPO COUNTY 08-059-01	\$1,000	09/24/07 - 09/23/08
LAMB, STEPHAN TIERNEY, AMBER	<b>Central Coast Volunteer Corps 2007-08</b> VARIOUS NON-PROFIT ORGANIZATIONS 08-227-01 08-227-02	\$65,000 \$12,500	06/15/07 - 12/31/08 06/15/07 - 12/31/08
<b>Other</b>			
<b><u>Center for Teaching &amp; Learning</u></b>			
GRIMES, JOSEPH	<b>The MERLOT Faculty ELIXR Project: Faculty Development Centers and Online Repositories</b> <b>Collaborating to Share Exemplary Practices</b> U.S. DEPT OF EDUCATION (FIPSE) VIA CSU CHANCELLOR'S OFFICE 08-086-01	\$3,000	06/01/07 - 06/01/08
<b><u>Facility Services</u></b>			
FRENCH, BRIAN	<b>Gilardi Road Bridge Replacement</b> CA DEPT OF TRANSPORTATION (CALTRANS) 07-134-01	\$100,000	03/01/07 - 06/30/09
<b><u>Honors Program</u></b>			
ALPTEKIN, SEMA E.	<b>CACC Carnegie Foundation Fellows Program</b> CA CAMPUS COMPACT 07-248-01	\$4,000	07/01/07 - 05/30/09
ALPTEKIN, SEMA E.	<b>Service-Learning Curriculum and Infrastructure Development Initiative (Allocation Process 2007-2008)</b> CSU CHANCELLOR'S OFFICE COMMUNITY SERVICE LEARNING 08-106-01	\$48,000	09/01/07 - 12/31/08
<b><u>Performing Arts Center</u></b>			
REGIER, RON	<b>Pedals and Pipes</b> SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 07-240-01	\$3,200	07/01/07 - 06/30/08
REGIER, RON	<b>Pipe Organ Student Matinees: Pulling Out All the Stops</b> SAN LUIS OBISPO, CITY OF (PCC) 07-245-01	\$1,500	07/01/07 - 06/30/08

## GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2008 TO 05/31/08

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<b><u>Research &amp; Graduate Programs</u></b>			
OPAVA, SUSAN	<b>California Central Coast Research Partnership: Building Relationships, Partnerships and Paradigms for University-Industry Research Collaboration</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 05-235-03	(\$46)	06/15/05 - 12/31/06
OPAVA, SUSAN	<b>The California Central Coast Research Partnership: Building Relationships, Partnerships and Paradigms for University-Industry Research Collaboration</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 08-014-01	\$3,256,000	09/30/07 - 09/29/08
<b><u>University Police Department</u></b>			
JORDAN, DONNA	<b>Bulletproof Vest Partnership 2004-05</b> U.S. DEPT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS 04-135-03	(\$116)	07/01/04 - 09/30/08
JORDAN, DONNA WATTON, WILLIAM	<b>AVOID the 14 DUI Campaign - San Luis Obispo County</b> CA OFFICE OF TRAFFIC SAFETY (OTS) VIA PASO ROBLES POLICE DEPARTMENT 07-124-02	\$5,584	10/01/06 - 01/31/10
JORDAN, DONNA WATTON, WILLIAM	<b>CLICK IT OR TICKET Seat Belt Enforcement Program 2008</b> CA OFFICE OF TRAFFIC SAFETY (OTS) 08-120-01	\$1,974	10/01/07 - 07/31/08
<b>GRAND TOTALS:</b>		<b>226 Awards</b>	<b>\$23,308,419</b>