

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Agriculture, Food & Env Sciences</u>			
<u>Agribusiness</u>			
AMSPACHER, WILLIAM	Pack Family/PMA Career Pathways - Fresh Summit Conference PRODUCE MARKETING ASSOCIATION EDUCATION FOUNDATION 09-278-01	\$2,285	02/01/09 - 11/30/09
CAI, XIAOWEI	Trans-Pacific Demands for California Organic Food CSU - AGRICULTURAL RESEARCH INITIATIVE 10-006-01	\$5,000	07/01/09 - 06/30/10
CAI, XIAOWEI	Market Analysis of Ethanol Capacity CSU - AGRICULTURAL RESEARCH INITIATIVE 10-016-01	\$20,000	07/01/09 - 06/30/11
CAI, XIAOWEI	The Organization, Regulation and Performance of the US Food System: Market Analysis of Ethanol Capacity U.S. DEPT OF AGRICULTURE (NIFA) VIA UNIVERSITY OF WISCONSIN - MADISON 10-183-01	\$6,000	01/01/10 - 12/31/10
HURLEY, SEAN	Energy, Economic, and Environmental Performance of Dairy Bio-power and Bio-methane Systems CA ENERGY COMMISSION PIER PROGRAM VIA SUMMERS CONSULTING, LLC 10-089-01	\$80,000	08/17/09 - 07/31/11
JAMES, JENNI	Agricultural Production Systems in Sub-Saharan Africa: An Analysis of Household-Level, Spatially Referenced Data INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE 10-060-01	\$22,000	09/01/09 - 05/15/10
MCCORKLE, ROBERT	U.S. Peace Corps On-campus Recruiter 2009-10 U.S. PEACE CORPS 09-282-01	\$15,855	09/30/09 - 09/29/10
NICHOLSON, CHARLES	Development of Modeling Approaches to Support California's Dairy Industry CSU - AGRICULTURAL RESEARCH INITIATIVE 10-140-01	\$4,650	11/01/09 - 10/31/10
NICHOLSON, CHARLES	Analysis of Program Options to Reduce Dairy Price Volatility MILK PRODUCERS COUNCIL 10-292-01	\$15,000	05/01/10 - 10/31/10
NOEL, JAY HURLEY, SEAN	The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the California Specialty Crop Industry CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 09-182-01	\$99,161	07/01/09 - 06/30/10
NOEL, JAY HURLEY, SEAN	The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the California Specialty Crop Industry U.S. DEPT OF AGRICULTURE (AMS) VIA CSU FRESNO 09-203-01	\$30,000	09/01/09 - 08/31/11
NOEL, JAY HURLEY, SEAN	The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the California Specialty Crop Industry U.S. DEPT OF AGRICULTURE VIA CA DEPT OF FOOD AND AGRICULTURE 09-257-01	\$167,266	10/01/09 - 06/30/12

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Agribusiness</u>			
SCHROETER, CHRISTIANE	Developing a Business Model for a Campus Farmers Market: A Pioneer Study at Cal Poly CSU - AGRICULTURAL RESEARCH INITIATIVE 10-017-01	\$20,000	07/01/09 - 06/30/10
SCHROETER, CHRISTIANE	Examining the Competitiveness of Key Fruit and Vegetable Sectors in New York U.S. DEPT OF AGRICULTURE (NIFA) VIA CORNELL UNIVERSITY 10-054-01	\$9,950	10/01/09 - 12/31/11
<u>Agricultural Education</u>			
FLORES, ROBERT A.	San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2007-2010) U.S. DEPT OF EDUCATION VIA CA DEPT OF EDUCATION 07-186-02	(\$4,483)	01/12/07 - 01/11/10
KELLOGG, BILL	San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2010-12) U.S. DEPT OF EDUCATION VIA CA DEPT OF EDUCATION 10-178-01	\$26,799	01/12/10 - 01/11/12
<u>Animal Science</u>			
BURD, MATTHEW	Bone Density Measurement via Radiographic Calibration U.S. DEPT OF AGRICULTURE (CSREES) VIA CSU AGRICULTURAL RESEARCH INITIATIVE 09-256-01	\$61,609	09/01/09 - 08/31/10
EDWARDS, MARK S	Comparative Adaptations To Herbivory In Equids And Other Species With Hindgut Fermentation CSU - AGRICULTURAL RESEARCH INITIATIVE 09-094-02	\$65,285	07/01/08 - 06/30/10
EDWARDS, MARK S	Evaluation of two extruded feeds fed in conjunction with grass forage on variable response criteria in gelding American quarter horses (Equus caballus) CANIDAE CORPORATION 10-182-01	\$24,120	11/01/09 - 04/30/10
HORNEY, MARC	Characteristics of nesting sites selected by sage-grouse at Clear Lake NWR, Modoc County CA CSU - AGRICULTURAL RESEARCH INITIATIVE 10-137-01	\$4,600	11/01/09 - 10/31/10
HUMPHREY, BROOKE	Optimal Nutrition for Immunocompetence in Chickens CSU - AGRICULTURAL RESEARCH INITIATIVE 08-075-03	\$36,400	07/01/07 - 12/31/10
HUMPHREY, BROOKE	Acquisition of a Microcapillary Flow Cytometer for Animal Health Monitoring CSU - AGRICULTURAL RESEARCH INITIATIVE 10-073-01	\$3,500	07/01/09 - 06/30/10
PLUMMER, WILLIAM BECKETT, DEBORAH M.	How Sexed-Semen Characteristics Affect Fertilization Rate CSU - AGRICULTURAL RESEARCH INITIATIVE 09-095-02	\$53,916	07/01/08 - 06/30/09
<u>BioResource and Agricultural Engineering</u>			
BURT, CHARLES STYLES, STUART	Fee-for-Service Agreement, ITRC VARIOUS SPONSORS 05-034-05	\$847,623	01/01/05 - 12/31/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>BioResource and Agricultural Engineering</u>			
BURT, CHARLES GILL, SAMANTHA	GIS-based Water Routing/Scheduling Through Irrigation District Canal Systems CSU - AGRICULTURAL RESEARCH INITIATIVE 08-034-03	\$25,000	07/01/07 - 03/31/11
BURT, CHARLES STYLES, STUART	CESU Project #1- 2008-13: Liaison Activites for the Klamath Project U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION, MID PACIFIC REGION 08-309-02	\$75,000	09/29/08 - 09/30/13
BURT, CHARLES STYLES, STUART	Flight #6: Professional services for program management - 2009-2011 program period SOUTHERN CALIFORNIA EDISON 09-239-01	\$400,000	01/04/10 - 12/31/12
BURT, CHARLES	Use of Kaolin Spray to Reduce Pistachio Orchard Stress during Underirrigation U.S. DEPT OF AGRICULTURE (CSREES) VIA CSU AGRICULTURAL RESEARCH INITIATIVE 09-305-01	\$108,275	09/01/09 - 08/31/10
BURT, CHARLES STYLES, STUART	Technical assistance for CRIT automation and SCADA (phase 2) COLORADO RIVER INDIAN TRIBES 10-153-01	\$61,964	02/02/10 - 01/31/11
HOLTZ, ANDREW	Engineering Interventions to Promote Sustainability in Pre & Post Harvest Processing in the California Specialty Crop Sector CSU - AGRICULTURAL RESEARCH INITIATIVE 10-007-01	\$5,000	07/01/09 - 12/31/10
KELLY, SHAUN F YOSHIMURA, MICHAEL	Development of Methods for In-situ Generation and Application of Ozone to Fumigate Soil as an Alternative to Methyl Bromide for Crop Production CSU - AGRICULTURAL RESEARCH INITIATIVE 09-043-02	\$72,452	07/01/08 - 06/30/10
STYLES, STUART	Technical assistance program to water districts U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION, MID PACIFIC REGION 09-034-03	\$48,000	09/26/08 - 10/30/10
STYLES, STUART	Evaluation of Modified Drip Irrigation Strategies on Strawberries: Maintenance of Yields While Reducing Irrigation Runoff to Coastal Streams from Sprinklers CSU - AGRICULTURAL RESEARCH INITIATIVE 10-023-01	\$83,621	07/01/09 - 06/30/10
STYLES, STUART	Water resource modernization training in the Philippines WORLD BANK GROUP 10-295-01	\$34,700	04/20/10 - 05/20/10
<u>Dairy Science</u>			
FARKYE, NANA	Effective Seasonal Changes in Milk Quality on LMPS Mozzarella SAPUTO CHEESE USA INC. 08-073-02	\$1,349	05/01/08 - 12/31/09
FARKYE, NANA	Preventing the development of the undesirable burnt and roesy flavor in low fat cheese DAIRY MANAGEMENT, INC. 09-082-02	\$16,834	01/01/10 - 12/31/10
FARKYE, NANA	Natural mold inhibition in cheese by lactic acid bacteria DAIRY MANAGEMENT, INC. 09-246-01	\$27,500	07/01/09 - 12/31/10
	09-246-02	\$27,500	01/01/10 - 12/31/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Dairy Science</u>			
FARKYE, NANA	Increasing proteolysis in lowfat Cheddar cheese to enhance texture DAIRY MANAGEMENT, INC. 10-117-01	\$49,500	01/01/10 - 01/31/10
GOLDEN, BRUCE	Bioinformatics to Implement Genomic Selection U.S. DEPT OF AGRICULTURE (CSREES) - NRI VIA IOWA STATE UNIVERSITY 08-127-01	\$198,952	01/01/09 - 12/31/11
GOLDEN, BRUCE JIMENEZ-FLORES, RAFAEL	High capacity SNP arrays for detecting genetic effects on dairy production trait CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 08-205-02	\$150,000	07/01/08 - 06/30/10
GOLDEN, BRUCE LUNDQUIST, TRYGVE	Nitrogen removal from dairy wastewater using a novel reciprocating biofilm reactor CSU - AGRICULTURAL RESEARCH INITIATIVE 09-084-02	\$35,184	07/01/08 - 06/30/10
GOLDEN, BRUCE LUNDQUIST, TRYGVE	Best Practices for Agriculture Waste Management U.S. DEPT OF AGRICULTURE (NIFA) 10-169-01	\$280,800	06/01/10 - 05/31/11
JIMENEZ-FLORES, RAFAEL	Proteomic approach to study milk fat globule membrane proteins as biologically active compounds CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 07-136-04	\$149,418	07/01/07 - 03/31/11
LAMMERT, AMY	Developing Expertise in Sensory Evaluation CSU - AGRICULTURAL RESEARCH INITIATIVE 10-136-01	\$4,650	11/01/09 - 10/31/10
LAMMERT, AMY	Developing a sensory evaluation research program SOUTHERN CALIFORNIA INSTITUTE OF FOOD TECHNOLOGISTS SECTION (SCIFTS) 10-239-01	\$7,755	05/19/10 - 05/18/11
TONG, PHILLIP	Dairy Products Technology Industry Outreach Program - 2008 CA DAIRY RESEARCH FOUNDATION 08-167-03	\$110,700	01/01/08 - 12/31/09
TONG, PHILLIP	Milk Protein Concentrate Functionality Improvement Program DAIRY MANAGEMENT, INC. 09-058-03	\$37,725	01/01/10 - 12/31/10
TONG, PHILLIP	Evaluation of Properties of Vacuum Packaged Dry Dairy Powders DAIRY MANAGEMENT, INC. 09-061-03	\$5,500	01/01/10 - 12/31/10
TONG, PHILLIP	Improving Dairy Ingredients Functionality Through Research & Training Collaboration CA DAIRY RESEARCH FOUNDATION 10-071-01	\$10,000	01/01/10 - 06/30/10
TONG, PHILLIP	Cal Poly Dairy Ingredients Applications Program 2010 DAIRY MANAGEMENT, INC. 10-150-01	\$376,200	01/01/10 - 12/31/10
TONG, PHILLIP	DPTC Operations 2010 - Continuing the Growth and Maintenance of a Sustainable California Dairy Industry in Domestic and Global Markets CA DAIRY RESEARCH FOUNDATION 10-211-01	\$56,700	01/01/10 - 03/31/10
	10-211-02	\$56,700	01/01/10 - 06/30/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Food Science & Nutrition</u>			
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 08-087-03	\$25,283	07/01/07 - 09/30/10
BOSE, TANUSHREE	Regulation of NFκB dependent cytokine expression by Vitamin D in adipocytes CSU - AGRICULTURAL RESEARCH INITIATIVE 10-005-01	\$5,000	07/01/09 - 06/30/10
BOSE, TANUSHREE	Effect of Vitamin D on inflammation-induced insulin resistance in adipocytes CSU - AGRICULTURAL RESEARCH INITIATIVE 10-189-01	\$6,000	01/01/10 - 12/31/10
HALL, LAURA	FLASH College Study Vitamin D Subset Analysis CSU - AGRICULTURAL RESEARCH INITIATIVE 10-138-01	\$4,650	11/01/09 - 10/31/10
HAMPSON, BRIAN YILDIZ, ILHAMI	Algal Biomass Production Using Closed-Loop Tubular Photobioreactors CSU - AGRICULTURAL RESEARCH INITIATIVE 10-022-01	\$53,775	07/01/09 - 06/30/10
KHALIL, HANY JIMENEZ-FLORES, RAFAEL	Defining Milk Quality for Today's Dairy Industry - Microbial and Ecology Approach CSU - AGRICULTURAL RESEARCH INITIATIVE 09-062-02	\$51,986	07/01/08 - 12/31/10
LATHROP, AMANDA	Food Safety Lab Set-Up and Preliminary Data Generation CSU - AGRICULTURAL RESEARCH INITIATIVE 10-133-01	\$4,650	11/01/09 - 10/31/10
LATHROP, AMANDA	Cal Poly food safety lab set-up SOUTHERN CALIFORNIA INSTITUTE OF FOOD TECHNOLOGISTS SECTION (SCIFTS) 10-241-01	\$10,177	05/19/10 - 05/18/11
NAZMI, AYDIN	Long-term inflammatory consequences of maternal smoking; findings from young adults belonging to a Brazilian birth cohort CSU - AGRICULTURAL RESEARCH INITIATIVE 10-126-01	\$5,000	10/01/09 - 12/31/10
NICHOLSON, LISA	Using Facilitated Group Discussion to Enhance Parent Nutrition Education SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 10-088-01	\$4,994	01/01/10 - 12/31/10
RITCHIE, GERRY	Wine Filtering & Monoblock Bottling System CSU - AGRICULTURAL RESEARCH INITIATIVE 10-019-01	\$110,000	07/01/09 - 12/31/10
<u>Horticulture & Crop Science</u>			
BROWN, J WYATT	Refurbishing the ICP Spectrometer for Interdepartmental Use CSU - AGRICULTURAL RESEARCH INITIATIVE 10-179-01	\$2,410	01/01/10 - 12/31/10
GARNER, LAUREN	The Effects of Foliar Nutrient Applications on the Incidence of Rind Creasing and Puffing of Sweet Oranges (Citrus sinensis) CSU - AGRICULTURAL RESEARCH INITIATIVE 09-131-02	\$20,000	07/01/08 - 03/31/11

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Horticulture & Crop Science</u>			
HEADRICK, DAVID	Citrus Leafminer Management Program for Nursery Citrus CA CITRUS NURSERY BOARD 08-062-03	\$5,150	01/01/10 - 12/31/10
HEADRICK, DAVID	Biological Control for Citrus Leafminer in coastal California CSU - AGRICULTURAL RESEARCH INITIATIVE 08-175-03	\$19,500	07/01/07 - 03/31/11
HEADRICK, DAVID	Biological Control of Elm Leaf Beetle Project STATE OF VICTORIA, AUSTRALIA - DEPARTMENT OF PRIMARY INDUSTRIES 09-064-01	\$36,476	12/18/09 - 03/31/11
VASSEY, TERRY L.	Growing Substrate and Plant Materials Choice for Extensive Green Roofs for the California Central Coast CALIFORNIA LANDSCAPE CONTRACTORS ASSOCIATION - LANDSCAPE EDUCATIONAL ADVANCEMENT FOUNDATION 09-219-01	\$1,200	04/01/09 - 06/01/10
<u>Natural Resource Management</u>			
DICUS, CHRISTOPHER A. THOMPSON, RICHARD	Tradeoffs in Community Benefits Versus Fire Risk in Wildland/Urban Interface Forests CSU - AGRICULTURAL RESEARCH INITIATIVE 08-020-03	\$41,498	07/01/07 - 03/31/11
DICUS, CHRISTOPHER A.	Landscape-Level Impacts To Wildland Fire Severity, Carbon Sequestration And Air Quality As Affected By Alternative Fuel Treatment Strategies CSU - AGRICULTURAL RESEARCH INITIATIVE 10-021-01	\$34,106	07/01/09 - 06/30/10
DICUS, CHRISTOPHER A.	McIntire-Stennis - Impacts of Alternative Fuel Treatment Strategies on Landscape-level Wildland Fire Severity, Carbon Sequestration and Air Quality U.S. DEPT OF AGRICULTURE (NIFA) 10-141-01	\$13,982	10/01/09 - 09/30/10
DIETTERICK, BRIAN MASTIN, TOM B.	Accuracy of Derived Watershed and Channel Features in Forested Mountain Conditions Using LIDAR Terrain Data CSU - AGRICULTURAL RESEARCH INITIATIVE 08-048-03	\$28,707	07/01/07 - 03/31/11
DIETTERICK, BRIAN	McIntire-Stennis - Calibration Analysis and Post-treatment Phasing of a Paired and Nested Watershed Study to Evaluate Event-Based Suspended Sediment Export U.S. DEPT OF AGRICULTURE (CSREES) 08-203-04	\$24,765	10/01/07 - 08/31/10
DIETTERICK, BRIAN	Sustainable Agricultural Practices Workshop - from the forest, rangeland, and cropland to the sea NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION - NOS 09-211-01	\$53,560	10/01/09 - 03/31/11
GILL, SAMANTHA THOMPSON, RICHARD	FIA urban forestry project U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 10-238-01	\$991,700	03/18/10 - 09/30/13
MARK, WALTER WONG, JEFFREY C.	Monterey pine propagation for California native stand conservation and for the nursery industry CSU - AGRICULTURAL RESEARCH INITIATIVE 08-162-03	\$68,465	07/01/07 - 03/31/11

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Natural Resource Management</u>			
MARK, WALTER CAMILLI, KIM	Southern Area Sudden Oak Death Monitoring Plan U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 10-191-01	\$27,000	07/01/10 - 05/31/11
MARK, WALTER CAMILLI, KIM	Regional Forest Health Specialist CA DEPT OF FORESTRY 10-213-01	\$402,029	05/01/11 - 04/30/14
PIIRTO, DOUGLAS SHELTON, MARK	McIntire-Stennis Forestry Research Program (2009-2010) U.S. DEPT OF AGRICULTURE (NIFA) 10-111-01 10-111-02	\$49,005 (\$2,334)	10/01/09 - 09/30/10 10/01/09 - 09/30/10
REIMER, JEFF THOMPSON, RICHARD	UFEI Website Resources for California CA DEPT OF FORESTRY 09-279-01	\$64,471	07/01/10 - 03/30/12
SINK, SCOTT	Start-up dendrochronology equipment for the NRM Department CSU - AGRICULTURAL RESEARCH INITIATIVE 10-135-01	\$4,650	11/01/09 - 10/31/10
THOMPSON, RICHARD SINK, SCOTT	McIntire-Stennis - Identification of Forestland Management and Market Conditions for Profitable Investment in Carbon Storing Forestry-Offset Projects Using the California Climate Action Registry Protocols U.S. DEPT OF AGRICULTURE (NIFA) 10-142-01	\$9,277	10/01/09 - 08/31/10
<u>Recreation, Parks, & Tourism Administration</u>			
GOLDENBERG, MARNI	McIntire-Stennis - Longitudinal Research of Wilderness Participation in Forested Areas Using Means-End Analysis U.S. DEPT OF AGRICULTURE (CSREES) 06-132-05	\$9,845	10/01/05 - 08/31/10
GOLDENBERG, MARNI	Longitudinal Research of Participation in a Wilderness Educational Experience Using Means-End Analysis CSU - AGRICULTURAL RESEARCH INITIATIVE 09-042-02	\$20,000	07/01/08 - 06/30/10
GOLDENBERG, MARNI	McIntire-Stennis - Examining Use of Forest Land: A Pacific Crest Trail Example U.S. DEPT OF AGRICULTURE (CSREES) 09-258-02	\$15,000	10/01/08 - 08/31/10
<u>Architecture & Env Design</u>			
<u>Architectural Engineering</u>			
BRADY, PAMALEE	Implementation and Assessment of Failure Case Studies in the Engineering Curriculum NATIONAL SCIENCE FOUNDATION (CCLI) VIA CLEVELAND STATE UNIVERSITY 09-162-01	\$10,000	08/01/09 - 07/31/13

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Architecture</u>			
DOERFLER, JAMES	Architecture Design Solutions Student Projects AUTODESK INC. 10-056-01	\$10,000	01/01/10 - 07/01/11
POHL, JENS	ICODES Development and Software Maintenance Support – Stage 19 U.S. DEPT OF DEFENSE VIA CDM TECHNOLOGIES, INC. 10-049-01	\$349,993	08/29/09 - 03/26/10
POHL, JENS	ICODES development and software maintenance support - Stage 20 U.S. DEPT OF DEFENSE VIA CDM TECHNOLOGIES, INC. 10-212-01	\$119,988	02/27/10 - 05/21/10
POHL, JENS	ICODES Development and Software Maintenance Support – Stage 21 U.S. DEPT OF DEFENSE VIA CDM TECHNOLOGIES, INC. 10-311-01	\$239,977	05/08/10 - 08/27/10
<u>City & Regional Planning</u>			
GREVE, ADRIENNE	City of San Luis Obispo Climate Action Plan U.S. DEPT OF ENERGY NATIONAL ENERGY TECHNOLOGY LAB. (ARRA) VIA CITY OF SAN LUIS OBISPO 09-308-01	\$30,000	09/14/09 - 04/30/10
NUWORSOO, CORNELIUS TOKER, UMUT	Madera Ranchos Planning Project MADERA, COUNTY OF 09-230-01 09-230-02 09-230-03	\$79,605 \$17,058 \$17,058	06/15/09 - 08/31/10 06/15/09 - 08/31/10 06/15/09 - 08/31/10
NUWORSOO, CORNELIUS	Lessons for Bike/Pedestrian Integration into the Infrastructure of Small Urban Communities U.S. DEPT OF TRANSPORTATION AND CALTRANS VIA MINETA AT SJSU 09-283-01	\$40,639	09/01/09 - 11/30/10
NUWORSOO, CORNELIUS	Smart Dial-a-Ride for Demand-Responsive Transit: Operations Analysis and Development of a Concept for Improvements CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-032-01	\$49,729	10/01/09 - 09/30/10
NUWORSOO, CORNELIUS	City of Arroyo Grande Community Planning Project CITY OF ARROYO GRANDE 10-063-01	\$10,000	09/21/09 - 05/31/10
TOKER, UMUT	Draft Downtown Soledad Urban Design Plan - CRP 203 CITY OF SOLEDAD 10-218-01	\$9,835	03/30/10 - 07/15/10
TOKER, UMUT CLARK, CHRIS	Morro Bay Draft Downtown Specific Plan - CRP 553 CITY OF MORRO BAY 10-219-01	\$9,865	04/01/10 - 07/15/10
<u>Construction Management</u>			
HAUCK, ALLAN	Construction Management Education Account 2009-10 CA CONTRACTORS STATE LICENSE BOARD 10-265-01	\$41,279	01/01/10 - 12/31/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Construction Management</u>			
JACKSON, BARBARA	California Center for Construction Education Fee-for-Service Agreement VARIOUS SPONSORS 06-233-04	\$5,000	07/01/07 - 12/31/10
JACKSON, BARBARA	Homebuilding Education Leadership Program (HELP) NATIONAL HOUSING ENDOWMENT 08-302-02	(\$12,095)	02/20/08 - 10/31/10
<u>Business</u>			
<u>Accounting</u>			
QUIJANO, EDDY	Cal Poly Low Income Taxpayer Clinic INTERNAL REVENUE SERVICE - (LITC) 09-263-01	\$10,000	01/01/10 - 12/31/10
	09-263-02	\$30,000	01/01/10 - 12/31/10
<u>Economics</u>			
HAMILTON, STEPHEN	Farm-Retail Price Transmission in Multi-Product Retail Environments U.S. DEPT OF AGRICULTURE (CSREES) - AFRI 09-286-01	\$309,378	01/01/10 - 12/31/11
HAMILTON, STEPHEN	Equilibrium Price and Design of New Food Products in a Social Network U.S. DEPT OF AGRICULTURE VIA ARIZONA STATE UNIVERSITY 09-304-01	\$42,478	02/01/10 - 01/31/12
<u>Finance</u>			
RIENER, KENNETH	Economic impact of diablo canyon nuclear energy facility PACIFIC GAS & ELECTRIC COMPANY 10-145-01	\$28,897	11/01/09 - 01/31/10
<u>Industrial Technology</u>			
SINGH, JAGJIT	Fee-for-Service Agreement, Cal Pack Lab VARIOUS SPONSORS 04-120-05	\$26,968	01/01/04 - 12/31/10
TORNATZKY, LOUIS SINGH, JAGJIT	IT Consortium Task #1: Life cycle inventory (LCI) as a tool for packaging sustainability IT CONSORTIUM 10-185-01	\$36,781	09/01/09 - 08/31/10
TORNATZKY, LOUIS SINGH, JAGJIT	IT Consortium Task #2: Development of a database of LCI based studies conducted worldwide for packaging applications IT CONSORTIUM 10-186-01	\$42,482	09/01/09 - 08/31/10
TORNATZKY, LOUIS VORST, KEITH	IT Consortium Task #3: Validation of post-consumer recycled (PCR) and bio-based, biodegradable substrate composition, ASTM label claims for sustainability, food safety, performance and regulatory compliance IT CONSORTIUM 10-187-01	\$44,482	09/01/09 - 08/31/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Industrial Technology</u>			
TORNATZKY, LOUIS VORST, KEITH	IT Consortium Task #4: Migration of low-molecular weight compounds from polymeric substrates IT CONSORTIUM 10-188-01	\$44,482	09/01/09 - 08/31/10
VORST, KEITH SINGH, JAGJIT	Predictive Growth Models for Escherichia coli O157:H7 on Fresh-Cut Produce During Transport and Cold Chain Distribution U.S. DEPT OF AGRICULTURE (CSREES) - NIFSI 09-252-01	\$596,029	09/01/09 - 08/31/12
VORST, KEITH	Development of a bio-based and biodegradable polylactic acid spray coating and hot melt adhesive for corrugate and paperboard packages HENKEL - INDUSTRIAL ADHESIVES AND LBP MANUFACTURING 10-113-01	\$159,059	01/01/10 - 12/31/10
Education			
<u>Education</u>			
KONOPAK, BONNIE CEASER, LISBETH	Central California Partnership for Teacher Quality Programs: CSU Bakersfield, CSU Monterey Bay, Cal Poly U.S. DEPT OF EDUCATION VIA CSU BAKERSFIELD 10-004-01	\$490,787	10/01/09 - 09/30/10
Engineering			
<u>Aerospace Engineering</u>			
ABERCROMBY, KIRA	Physical Properties of Orbiting Objects NASA VIA JACOBS TECHNOLOGY 09-009-02	\$47,988	03/15/09 - 09/30/10
MARSHALL, DAVID D	The Integrated Modeling and Verification of Hybrid Wing-Body, Low Noise ESTOL Aircraft NASA - LANGLEY RESEARCH CENTER 07-272-03	\$667,000	10/01/07 - 10/31/11
MCDONALD, ROBERT	A multidisciplinary geometry based framework connecting design, optimization, aerodynamics, and structures. NASA - AMES RESEARCH CENTER 07-273-03	\$49,610	10/01/07 - 09/30/10
MCDONALD, ROBERT WESTPHAL, RUSSELL	Cal Poly Flight Test Platform and Instrumentation Development U.S. AIR FORCE, EDWARDS AFB 10-051-01	\$41,436	09/30/09 - 09/30/10
PUIG-SUARI, JORDI	CubeSat integration and test support U.S. ARMY VIA MILTEC MISSILES & SPACE VIA SRI INTERNATIONAL 09-293-01	\$27,000	03/01/09 - 03/01/10
PUIG-SUARI, JORDI	P-POD Integration and Launch Support NASA WALLOPS VIA HAWK INSTITUTE FOR SPACE SCIENCE LLC 09-303-01	\$32,500	05/01/09 - 08/31/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Aerospace Engineering</u>			
PUIG-SUARI, JORDI COELHO, ROLAND	P-POD and RocketPod on Steroids, Phase II DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) VIA ECLIPTIC ENTERPRISES CORPORATION 10-009-01	\$300,000	07/01/09 - 06/30/10
PUIG-SUARI, JORDI	Light Sail 1 mission PLANETARY SOCIETY VIA STELLAR EXPLORATIONS 10-037-01	\$159,600	04/01/10 - 07/31/11
PUIG-SUARI, JORDI	Poly Picosatellite Orbital Deployer (P-POD) NPP Project Mission Support NASA - KENNEDY SPACE CENTER 10-243-01	\$52,925	03/01/10 - 09/30/11
PUIG-SUARI, JORDI	Mayflower P-POD Integration and Testing Support APPLIED MINDS INC. 10-267-01	\$55,000	05/01/10 - 08/31/10
<u>Civil & Environmental Engineering</u>			
FIEGEL, GREGG DENATALE, JAY	Water Jetting of CIDH Pile Anomalies CA DEPT OF TRANSPORTATION (CALTRANS), DIVISION OF ENGINEERING SERVICES 08-207-02	\$56,000	06/24/08 - 12/31/10
FIEGEL, GREGG	NEESR-SG: Seismic Performance Assessment in Dense Urban Environments NATIONAL SCIENCE FOUNDATION VIA CONSORTIUM OF UNIVERSITIES FOR RESEARCH IN EARTHQUAKE ENGINEERING 08-261-02	\$6,000	10/01/08 - 09/30/12
GOEL, RAKESH	LNGTEMS/MOTEMS Performance-based seismic criteria CALIFORNIA STATES LANDS COMMISSION (CSLC) 10-146-01	\$44,737	12/01/09 - 06/30/11
HANSON, JAMES	Collaborative Research: Innovative Learning Styles and Universal Access for Geotechnical Engineering Education NATIONAL SCIENCE FOUNDATION (CCLI) 08-189-02	\$45,920	10/01/08 - 09/30/11
HANSON, JAMES YESILLER, NAZLI	Evaluation of thermal conditions and mechanical response of liner systems at the Corralitos Regional Landfill, Task #1 SOUTH CENTRAL SOLID WASTE AUTHORITY 09-271-01	\$20,000	06/01/09 - 05/31/11
JANSEN, DANIEL THATCHER, TRACY	VOC emissions from flooring systems and the impact of floor leveling screeds ADVANCED RESURFACING CONCRETE PRODUCTS, INC. 10-058-01	\$6,143	09/01/09 - 12/31/09
KACHLAKEV, DAMIAN I. LEHR, CORINNE	Durability Studies of Modified Plastering Mixes, Surface Deteriorations of Plastered Swimming Pools-Phase Seven NATIONAL PLASTERERS COUNCIL INC. 10-102-01	\$142,485	10/01/09 - 09/30/10
KACHLAKEV, DAMIAN I. LEHR, CORINNE	IPSSA Protocol Phase 1 INDEPENDENT POOL AND SPA SERVICE ASSOCIATION, INC. 10-271-01	\$6,423	12/30/09 - 09/30/10
LUNDQUIST, TRYGVE	Polytech Waterbag, Water Treatment for Disaster Relief NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 09-269-01	\$20,000	09/01/09 - 01/31/11

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Civil & Environmental Engineering</u>			
MOSS, ROBB	Risk of Levee Failures in the Western U.S. U.S. DEPT OF HOMELAND SECURITY VIA UNIVERSITY OF NORTH CAROLINA 09-003-02	\$71,491	07/01/09 - 06/30/10
	09-003-03	\$34,783	07/01/09 - 06/30/10
	09-003-04	\$74,551	07/01/10 - 06/30/11
MOSS, ROBB	NEESR-CR: Seismic Earth Pressures on Retaining Structures NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, BERKELEY 09-224-01	\$27,356	08/01/09 - 07/31/10
NELSON, YARROW M. LUNDQUIST, TRYGVE	Microalgae production and harvesting in wastewater MICROBIO ENGINEERING INC. 10-155-01	\$54,036	07/01/09 - 12/31/10
PANDE, ANURAG	Collaborative Research: New Methods for Measuring, Evaluating and Predicting the Safety Impact of Road Infrastructure Systems on Driver Behavior NATIONAL SCIENCE FOUNDATION 09-204-01	\$78,000	09/01/09 - 08/31/12
PANDE, ANURAG MITRA, SUDESHNA	A Framework for Developing and Integrating Effective Routing Strategies within the Emergency Management Decision Support System for Transit Centers U.S. DEPT OF TRANSPORTATION AND CALTRANS VIA MINETA TRANSPORTATION INSTITUTE AT SAN JOSE STATE UNIVERSITY 09-312-01	\$33,278	07/13/09 - 12/31/10
PANDE, ANURAG NUWORSOO, CORNELIUS	Assessment of Public Perception of User-Based fees and Tolls to Finance Transportation Infrastructure Improvements CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-080-01	\$49,995	01/01/10 - 12/30/10
RAHIM, ASHRAF M.	Evaluation of Waste Recycled Materials Applications in Highway Pavements in California: An Overview of Research CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 09-311-01	\$4,938	07/01/09 - 06/30/10
RAHIM, ASHRAF M.	Soil Stabilization Guide CALTRANS VIA UNIVERSITY OF CALIFORNIA, DAVIS 10-048-01	\$60,222	01/01/10 - 12/31/10
RAHIM, ASHRAF M.	Mitigating moisture susceptibility of asphalt mixes CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-184-01	\$48,140	04/01/10 - 03/31/10
<u>College of Engineering</u>			
DURGIN, WILLIAM	Support for the Cal Poly e-plane project CALIFORNIA SPACE GRANT CONSORTIUM 10-167-01	\$10,000	02/01/10 - 08/31/10
WALSH, DANIEL	Master's of Science Specialization in Stem Cell Technology CALIFORNIA INSTITUTE FOR REGENERATIVE MEDICINE 09-007-01	\$465,577	07/01/09 - 06/30/12
	09-007-02	\$480,371	07/01/09 - 06/30/12

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Computer Science</u>			
CLARK, CHRISTOPHER MOLINE, MARK	Ice-edge AUV mapping and navigation experiments in the arctic NATIONAL SCIENCE FOUNDATION 09-299-01	\$19,963	09/01/09 - 08/31/10
CLARK, CHRISTOPHER LEHR, JANE	International: Underwater Archeology via Robotic Systems NATIONAL SCIENCE FOUNDATION (IRES) 10-057-01	\$150,000	09/01/10 - 08/31/13
CLEMENTS, JOHN	Redesigning Introductory Computing: The Design Discipline. NATIONAL SCIENCE FOUNDATION VIA ADELPHI UNIVERSITY 09-045-02	\$13,300	06/01/08 - 05/31/10
JANZEN, DAVID CLEMENTS, JOHN	NSF CCLI: Test-Driven Learning with WebIDE NATIONAL SCIENCE FOUNDATION (CCLI) 09-218-01	\$153,344	09/01/09 - 08/31/12
<u>Electrical Engineering</u>			
ARAKAKI, DEAN	Fee-for-Service Agreement, Cal Poly Antenna Anechoic Chamber Laboratory VARIOUS SPONSORS 07-104-03	\$3,973	10/16/06 - 12/31/10
ARAKAKI, DEAN	Fee-for-Service Agreement, Cal Poly Electromagnetic Compatability (EMC) Chamber Building 04, Room 112) VARIOUS SPONSORS 10-078-01	\$120	10/01/09 - 12/31/10
GERFEN, JEFFREY	Smart Dial-a-Ride for Demand-Responsive Transit Operations: Research and Development of a Prototype Dispatch Assistance Tool CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER 10-033-01	\$49,990	10/01/09 - 09/30/10
LIDDICOAT, ALBERT	70MHz Channel Emulator Project Phase II NASA VIA JET PROPULSION LABORATORY 09-309-01	\$10,000	06/04/09 - 12/31/09
SLIVOVSKY, LYNNE TRICE, THOMAS	Organic Twittering: A Service-Learning Approach to Green Jobs CORPORATION FOR NATIONAL AND COMMUNITY SERVICE (LEARN AND SERVE) VIA CA CAMPUS COMPACT 10-034-01 10-034-02	\$25,000 \$25,000	09/01/09 - 06/30/10 07/01/10 - 06/30/11
<u>Materials Engineering</u>			
HARDING, TREVOR	Testing services for Agilent Technologies AGILENT TECHNOLOGIES, INC 10-286-01	\$12,975	04/02/10 - 10/01/10
VANASUPA, LINDA	Opening the Dialogue to Collaborate for Systemic Change at Cal Poly NATIONAL SCIENCE FOUNDATION VIA NATIONAL ACADEMY OF ENGINEERING 10-008-01	\$2,500	08/28/09 - 12/31/09

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Mechanical Engineering</u>			
MURRAY, WILLIAM R	A Reusable, Oxidizer-Cooled, Hybrid Aerospoke Rocket Motor for Flight Test NASA STTR VIA ROLLING HILLS RESEARCH CORP. 09-192-01	\$300,000	10/23/09 - 04/22/11
MURRAY, WILLIAM R	A Rayleigh Flow Experiment on N20 to Assess the Limits of N20 Cooling NASA VIA ROLLING HILLS RESEARCH CORP. 09-328-01	\$60,345	09/30/09 - 03/29/10
MURRAY, WILLIAM R	Design, construction, and flight test of a hybrid rocket with a cooled aerospoke nozzle CALIFORNIA SPACE GRANT CONSORTIUM 10-230-01	\$10,000	02/01/10 - 09/30/10
WESTPHAL, RUSSELL	Boundary Layer Data System for the Aerodynamic Efficiency Improvement Program, Phase 2 Tasks 3C and 3D NORTHROP GRUMMAN 09-089-02	\$49,521	11/06/08 - 02/28/10
WESTPHAL, RUSSELL	Cal Poly Laminar Flow Technology Development -2009 NORTHROP GRUMMAN 09-225-02	\$99,847	03/23/09 - 12/31/09
	09-225-03	\$78,108	03/23/09 - 12/31/10
	09-225-04	\$665	03/23/09 - 12/31/10
WESTPHAL, RUSSELL	Boundary layer measurement on an operating SWT 2.3-101 wind turbine SIEMENS ENERGY INC. 10-197-01	\$15,000	05/01/10 - 01/31/11
<u>Multicultural Engineering Program</u>			
MILLAN, JOSE	MESA Schools Program 2008-2009 UNIVERSITY OF CALIFORNIA 08-118-03	\$80,000	07/01/09 - 06/30/10
MILLAN, JOSE	NSF / MESA CSEMS Scholarship Grant Program 2009 -2010 NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 10-152-01	\$18,750	08/31/09 - 06/30/10
	10-152-02	\$3,125	08/31/09 - 06/30/10
<u>Liberal Arts</u>			
<u>Cal Poly Arts</u>			
WILT, PETER	Cal Poly Arts for 2009-2010 Season SAN LUIS OBISPO, CITY OF (PCC) 09-227-01	\$4,500	07/01/09 - 06/30/10
WILT, PETER	Bill Harley NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWEST 09-240-01	\$2,500	05/01/09 - 12/16/09
WILT, PETER	The Spirit of Uganda NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWEST 09-241-01	\$2,500	09/02/09 - 04/03/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Graphic Communication</u>			
LEVENSON, HARVEY	Fee-for-Service Agreement, GrCI VARIOUS SPONSORS 05-167-05	\$112,952	01/01/05 - 12/31/10
<u>Philosophy</u>			
LIN, PATRICK	US Naval Academy fellowship U.S. NAVAL ACADEMY 10-044-01	\$10,000	09/01/09 - 04/30/10
<u>Psychology & Child Development</u>			
CALDWELL, ROSLYN	Prevention and Intervention Services Proposal: The Bakari Project©: A mentoring, treatment intervention, and prevention program for juvenile male probationers SAN LUIS OBISPO COUNTY PROBATION DEPARTMENT 08-144-02	\$63,200	07/01/08 - 06/30/10
	08-144-03	\$63,200	07/01/10 - 06/30/11
CALDWELL, ROSLYN	Prevention and Intervention Services Proposal: The Bakari Project©: A mentoring, treatment intervention, and prevention program for juvenile male probationers SAN LUIS OBISPO SHERIFF'S DEPARTMENT 09-333-01	\$47,130	09/01/09 - 10/31/10
ENGLE, PATRICE	Development of ECD Policy Framework and Evaluation of Care for Development UNICEF TAJIKSTAN 09-213-02	(\$5,008)	03/13/09 - 12/31/09
ENGLE, PATRICE	Development of ECD Policy Framework and Evaluation of Care for Development UNICEF REGIONAL OFFICE 09-237-02	(\$2,663)	03/13/09 - 12/31/09
ENGLE, PATRICE	Regional indicators and data on early childhood development (ECD) and readiness to learn INTER-AMERICAN DEVELOPMENT BANK 10-129-01	\$50,232	01/01/10 - 12/31/11
GARCIA, JULIE	A Multi- Method Investigation of the Situational Cues and Contexts Inhibiting Women in STEM Settings NATIONAL SCIENCE FOUNDATION VIA UNIV. ILLINOIS AT CHICAGO 09-232-01	\$49,603	01/01/10 - 12/31/10
<u>Social Sciences</u>			
JONES, TERRY	Analysis of CA-SLO-1370 archaeological materials from Diablo Canyon's North Ranch PACIFIC GAS & ELECTRIC COMPANY 10-236-01	\$23,251	03/01/10 - 12/31/10
NEILL, DAWN	RUI: Urbanization and Parental Investment among Fijians NATIONAL SCIENCE FOUNDATION (RUI) 09-024-01	\$116,792	01/15/10 - 12/31/10
	09-024-02	\$8,000	01/15/10 - 12/31/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
Science & Mathematics			
<u>Biological Sciences</u>			
CANO, RAUL KITTS, CHRISTOPHER L	Fee-for-Service Agreement, EBI VARIOUS SPONSORS 03-041-05	\$15,533	09/01/02 - 12/31/10
CANO, RAUL KITTS, CHRISTOPHER L	Integrating molecular forensics into the undergraduate science, technology, engineering and mathematics (STEM) curriculum to Address Environmental, Health and Food Safety Issues in California KECK FOUNDATION 10-043-01	\$250,000	03/01/10 - 02/28/13
HIMELBLAU, EDWARD	Functional Genomics of Plant Polyploids NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 07-173-04	\$49,977	09/01/09 - 08/31/10
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 08-132-03	\$75,001	08/01/08 - 07/31/10
MOLINE, MARK	Southern California Coastal Ocean Observing System (SCCOOS): Shelf to Shoreline Observation Development NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 08-137-02	\$82,846	07/01/09 - 06/30/11
MOLINE, MARK	Dynamic Modeling of Marine Bioluminescence and Night Time Leaving Radiance U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 09-075-02	\$39,095	01/21/09 - 12/31/11
MOLINE, MARK	Variability of Near Surface Optical Properties in High Sea State Conditions OFFICE OF NAVAL RESEARCH VIA OREGON STATE UNIVERSITY 09-238-01	\$94,106	06/01/09 - 05/31/10
MOLINE, MARK WENDT, DEAN	Evaluation of glider coatings against biofouling for improved flight performance U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 10-075-01	\$54,871	02/01/10 - 01/31/11
MOLINE, MARK	Fee-for-Service Agreement, Marine Sciences VARIOUS SPONSORS 10-077-01	\$13,200	10/01/09 - 12/31/10
MOLINE, MARK	Shelf to shoreline observation development - Ocean surface current mapping (SCM) component CA STATE COASTAL CONSERVANCY VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 10-114-01 10-114-02	\$125,000 \$45,000	07/15/09 - 09/30/10 07/15/09 - 09/30/10
MOLINE, MARK	Resolving complex flows in a reef/island environment U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 10-156-01	\$119,305	02/01/10 - 01/31/13

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Biological Sciences</u>			
MOLINE, MARK	A coastal ocean circulation monitoring program for Northern and Central California (COCMP): HF-Radar for central and northern California CA STATE COASTAL CONSERVANCY VIA SAN FRANCISCO STATE UNIVERSITY 10-254-01	\$72,803	01/01/10 - 06/30/10
PERRINE, JOHN	Assessment of Wildlife Use of Hwy 101 Corridor Between San Luis Obispo and Atascadero CA DEPT OF TRANSPORTATION (CALTRANS) VIA CSU TRUSTEES 09-117-01	\$58,841	04/16/09 - 06/30/10
STEINMAUS, SCOTT	Assessing capeivy (Delairea odorata) management methods for the riparian habitat of Chorro Creek MORRO BAY NATIONAL ESTUARY PROGRAM 10-273-01	\$1,988	03/29/10 - 12/31/10
TAYLOR, EMILY	NIH-NIGMS Bridges to the Baccalaureate Program NATIONAL INSTITUTES OF HEALTH VIA ALLAN HANCOCK COLLEGE 08-183-02	\$7,846	09/30/08 - 09/30/13
TOMANEK, LARS	Collaborative Research: Evolutionary and Ecological Physiology of Blue Mussels (genus Mytilus): Gene and Protein Expression and Molecular Evolution in Differently-adapted Congeners NATIONAL SCIENCE FOUNDATION 07-177-05	\$32,200	09/01/07 - 10/01/10
WENDT, DEAN	Biological Assessment of the Efficacy of Non-toxic, Fouling Release Coatings and Investigations of the Mechanisms Controlling Elastomeric Coating Performance U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 09-109-02	\$173,311	01/01/09 - 12/31/11
WENDT, DEAN	Field testing of emergent marine coatings for the Center for Nanoscale Science and Engineering at North Dakota State University NORTH DAKOTA STATE UNIVERSITY 10-157-01	\$36,000	12/21/09 - 12/31/10
WENDT, DEAN	Evaluation of operational effectiveness of SLOSEA DAVID AND LUCILE PACKARD FOUNDATION 10-314-01	\$46,298	06/01/10 - 05/31/11
<u>Chemistry and Biochemistry</u>			
BERBER-JIMENEZ, M. DOLORES BUSH, SETH	California Science Project Teacher Retention Initiative CA POSTSECONDARY EDUCATION COMMISSION VIA REGENTS OF UNIVERSITY OF CALIFORNIA 07-169-03	\$100,000	08/01/06 - 05/31/10
COSTANZO, PHILIP	Development of Thermally Responsive Binders Designed for Insensitive Munitions Applications ARMY RESEARCH LABORATORY 08-031-03	\$104,781	06/03/08 - 06/02/11
COSTANZO, PHILIP	Incorporation of latent cysteine-like residues for the development of novel coupling chemistry RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 10-105-01	\$17,785	06/21/10 - 06/30/12
FERNANDO, RAYMOND JONES, DANE	Low VOC, stain blocking specialty primer coating CA AIR RESOURCES BOARD 10-199-01	\$99,983	06/23/10 - 01/31/12
JONES, DANE	Development of Novel Polymer Precursors CHEMLOGICS GROUP 08-033-03	\$5,000	08/15/07 - 08/15/11

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Chemistry and Biochemistry</u>			
JONES, DANE	Fee-for-Service Agreement, Polymers and Coatings Laboratory VARIOUS SPONSORS 10-086-01	\$35,250	10/01/09 - 12/31/10
LEHR, CORINNE	Collaborative Research: The Genetics Underlying Prokaryote-Antimony Interactions, with Emphasis on Antimony Oxidation NATIONAL SCIENCE FOUNDATION 08-008-03	\$51,529	01/01/08 - 07/31/11
NEFF, GRACE ANN BERBER-JIMENEZ, M. DOLORES	Central coast science project 2008-2011 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - CALIFORNIA SCIENCE PROJECT 10-106-01	\$48,000	07/01/09 - 06/30/11
ROBINS, LORI	Discovery of H. pylori aldo-keto reductase inhibitors RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 10-072-01 10-072-02	\$20,241 \$14,759	07/01/10 - 06/30/11 07/01/11 - 06/30/12
<u>Kinesiology</u>			
MCDERMOTT, ANN	Community Advocacy to Prevent Childhood Obesity in San Luis Obispo CALIFORNIA ENDOWMENT VIA SAN LUIS OBISPO COUNTY - PUBLIC HEALTH SERVICES 09-243-02	\$18,500	11/01/09 - 10/31/10
PHELAN, SUZANNE	Proposal for Study to Promote Healthy Weight Gain During Pregnancy NATIONAL INSTITUTES OF HEALTH VIA LIFESPAN AT MIRIAM HOSPITAL 09-016-02 09-016-03	\$63,049 \$746	09/01/09 - 08/31/10 09/15/08 - 08/31/11
PHELAN, SUZANNE	Nutritionist services for on-line nutrition intervention U.S. DEPT. OF AGRICULTURE VIA CALIFORNIA DEPARTMENT OF PUBLIC HEALTH VIA COUNTY OF SAN LUIS OBISPO WIC 10-287-01	\$16,000	02/01/10 - 06/30/10
PHELAN, SUZANNE	Technical services for on-line nutrition intervention U.S. DEPT. OF AGRICULTURE VIA CA DEPARTMENT OF PUBLIC HEALTH VIA COUNTY OF SAN LUIS OBISPO WIC 10-304-01	\$25,250	02/01/10 - 06/30/10
TSENG, MARILYN O'BRYANT, CAMILLE	Isoflavones, Equol Producing Status, and Breast Density in US Chinese Women NATIONAL INSTITUTES OF HEALTH VIA FOX CHASE CANCER CENTER 09-324-01	\$103,240	07/01/09 - 05/31/11
TSENG, MARILYN O'BRYANT, CAMILLE	Diet and breast density over time in US Chinese women NATIONAL INSTITUTES OF HEALTH VIA FOX CHASE CANCER CENTER 10-026-01	\$238,267	07/01/09 - 06/30/11
<u>Mathematics</u>			
AGRONSKY, STEVEN	Mathematics diagnostic testing project (MDTP) 2009-2011 UNIVERSITY OF CALIFORNIA 10-163-01	\$28,840	07/01/09 - 06/30/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Mathematics</u>			
RILEY, KATE BERBER-JIMENEZ, M. DOLORES	Central Coast Mathematics and Science Project CA DEPT OF EDUCATION VIA SANTA MARIA-BONITA SCHOOL DISTRICT 07-264-03	\$2,077	07/01/07 - 08/31/09
YOSHINOBU, STAN STANKUS, MARK	Academy of Inquiry Based Learning (AIBL) at Cal Poly San Luis Obispo EDUCATIONAL ADVANCEMENT FOUNDATION 10-268-01	\$44,192	03/29/10 - 09/30/10
<u>Physics</u>			
CHRISTIANSEN, JODI	RUI: Analysis of TeV Gamma-rays and Pulsars Observed by VERITAS NATIONAL SCIENCE FOUNDATION 08-088-02	\$73,303	09/01/08 - 08/31/11
	08-088-03	\$13,661	09/01/08 - 08/31/11
	08-088-04	\$78,702	09/01/08 - 08/31/11
GILLEN, GLEN	Refractive Index and Thermo-Optic Coefficient Measurements of Materials in the Near-Infrared Regime U.S. AIR FORCE VIA GENERAL DYNAMICS INFORMATION TECHNOLOGY, INC. 07-210-04	\$18,400	04/09/07 - 10/31/10
GILLEN, KATHARINA GUTIERREZ, THOMAS	RUI: Investigation of Atomic Dipole Traps Created by Diffraction of Laser Light for Use in Quantum Computing NATIONAL SCIENCE FOUNDATION (RUI) 09-065-01	\$200,000	08/01/09 - 07/31/12
GUTIERREZ, THOMAS	RUI: Analysis, simulation, and onsite activities contributing to the search for neutrinoless double beta decay in tellurium using the CUORE detector NATIONAL SCIENCE FOUNDATION (RUI) 10-069-01	\$80,631	05/01/10 - 04/30/11
HOLTZAPPLE, ROBERT	Beam dynamic work at Cornell NATIONAL SCIENCE FOUNDATION VIA CORNELL UNIVERSITY 10-014-01	\$87,440	09/15/09 - 06/30/10
	10-014-02	\$43,713	09/15/09 - 06/30/10
	10-014-03	\$6,792	06/20/10 - 08/15/10
JOHNSTON, SCOTT	Collaborative Research: Testing Burial/Exhumation Models for the Evolution of a (U)HP Terrane in an Orogenic Upper Plate, Liverpool Land, East Greenland NATIONAL SCIENCE FOUNDATION (EAR) 08-157-02	\$30,446	01/01/09 - 12/31/10
KELLER, JOHN BUSH, SETH	Robert Noyce Scholarship Program NATIONAL SCIENCE FOUNDATION (DUE) 08-233-02	\$16,500	01/01/09 - 09/30/13
KELLER, JOHN	Science teacher and researcher (STAR) national pilot proposal NATIONAL SCIENCE FOUNDATION 10-001-01	\$536,951	09/01/09 - 08/31/11
KELLER, JOHN	CSU science teacher and researcher (STAR): Strengthening K-12 science teaching in California S. D. BECHTEL, JR. FOUNDATION 10-260-01	\$265,000	05/28/10 - 05/27/11

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
<u>Physics</u>			
KLAY, JENNIFER	Software Development for Time Projection Chamber U.S. DEPT OF ENERGY VIA GEORGIA INSTITUTE OF TECHNOLOGY 07-293-03	\$115,598	09/30/07 - 09/29/10
<u>Student Affairs</u>			
<u>Student Academic Services</u>			
GONZALEZ, LUIS	Cal Poly Upward Bound Project (2007-2012) U.S. DEPT OF EDUCATION 07-068-03	\$387,523	09/01/07 - 08/31/10
MARGARITO, CESAR DIPASQUALE, JEANNINE	Student Support Services Program (2005- 2010) U.S. DEPT OF EDUCATION 05-021-05	\$307,863	09/01/05 - 08/31/10
OLVERA, NELDA	Talent Search Program (2007- 2012) U.S. DEPT OF EDUCATION 06-112-03	\$226,600	09/01/07 - 08/31/12
<u>Student Life & Leadership</u>			
CAMPBELL, RENODA	CULTUREFEST 2009 SAN LUIS OBISPO, CITY OF (PCC) 09-275-01	\$1,800	07/01/09 - 06/30/10
HARKINS, JOY LAMB, STEPHAN	Cal Poly's PROMISE Fellows Program - Community Partners 2009-10 VARIOUS NON-PROFIT ORGANIZATIONS 10-050-01 10-050-02	\$36,600 \$36,200	08/10/09 - 08/09/10 08/10/09 - 08/09/10
LAMB, STEPHAN	Cal Poly's PROMISE Fellows Program - Community Partners VARIOUS NON-PROFIT ORGANIZATIONS 09-047-02	\$40,000	08/04/08 - 08/03/09
LAMB, STEPHAN	Central Coast Volunteer Corps 2010 AMERICORPS VIA CA VOLUNTEERS 09-261-01	\$384,941	07/01/09 - 12/31/10
LAMB, STEPHAN	California's PROMISE (Pooling Regional Opportunities Maximizes Intensive Service Enhancement) Fellows AMERICORPS VIA NAPA COUNTY OFFICE OF EDUCATION 10-028-01	\$147,987	08/10/09 - 08/09/10
LAMB, STEPHAN TORREY, JESSE	Central Coast Volunteer Corps 2009-10 Community Partners VARIOUS NON-PROFIT ORGANIZATIONS 10-210-01 10-210-02	\$119,600 \$33,800	01/01/10 - 12/31/10 01/01/10 - 12/31/10
MOCKFORD, JASON	Cal Poly Open House 2010 CITY OF SAN LUIS OBISPO (PCC) 09-277-01	\$1,000	07/01/09 - 06/30/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI CO-PI	TITLE AGENCY AWARD #	AMOUNT	PROJECT DATES
Other			
<u>Academic Programs</u>			
CONN, W. DAVID	Louis Stokes Alliance for Minority Participation Program (LSAMP) NATIONAL SCIENCE FOUNDATION VIA CSU, SACRAMENTO UNIVERSITY ENTERPRISES, INC.		
	09-097-03	\$43,000	09/01/08 - 05/31/13
	09-097-04	\$43,000	09/01/08 - 05/31/11
CONN, W. DAVID	Louis Stokes Alliance for Minority Participation Program (LSAMP) Student Scholar Program 2009-10 NATIONAL SCIENCE FOUNDATION VIA CSU, SACRAMENTO UNIVERSITY ENTERPRISES, INC.		
	09-330-01	\$5,000	06/01/09 - 05/31/10
CONN, W. DAVID	Louis Stokes Alliance for Minority Participation Program (LSAMP) Student Scholar Program 2010-11 NATIONAL SCIENCE FOUNDATION VIA CSU, SACRAMENTO UNIVERSITY ENTERPRISES, INC.		
	10-309-01	\$25,731	06/01/10 - 08/31/10
<u>Center for Teaching & Learning</u>			
GRIMES, JOSEPH	Universal design for learning/EnACT~PTD learning community U.S. DEPT OF EDUCATION VIA SONOMA STATE UNIVERSITY		
	10-147-01	\$9,720	10/01/09 - 03/31/11
<u>Facility Services</u>			
FRENCH, BRIAN	Gilardi Road Bridge Replacement FEDERAL HIGHWAY ADMINISTRATION VIA CA DEPT OF TRANSPORTATION (CALTRANS)		
	07-134-02	\$94,766	03/01/07 - 06/30/15
<u>Honors Program</u>			
ALPTEKIN, SEMA E.	California's Call to Service Initiative (Allocation Process 2008-2009) CSU CHANCELLOR'S OFFICE COMMUNITY SERVICE LEARNING		
	09-107-01	\$48,000	11/01/08 - 06/30/09
ALPTEKIN, SEMA E.	California's Call to Service Initiative (Allocation Process 2009-2010) CSU CHANCELLOR'S OFFICE COMMUNITY SERVICE LEARNING		
	10-093-01	\$45,000	09/01/09 - 06/30/10
<u>Performing Arts Center</u>			
REGIER, RON	Youth Outreach for the Performing Arts Center UNITED WAY OF SAN LUIS OBISPO COUNTY		
	09-056-01	\$4,000	07/01/09 - 06/30/10
<u>University Police Department</u>			
JORDAN, DONNA WATTON, WILLIAM	AVOID the 14 DUI Campaign - San Luis Obispo County CA OFFICE OF TRAFFIC SAFETY (OTS) VIA PASO ROBLES POLICE DEPARTMENT		
	07-124-03	\$5,250	10/01/06 - 01/31/10
JORDAN, DONNA WATTON, WILLIAM	Bulletproof Vest Partnership 2008 U.S. DEPT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS VIA CA OFFICE OF EMERGENCY SERVICES		
	08-280-02	(\$468)	01/01/08 - 09/30/10

GRANTS AND CONTRACTS AWARDED IN FISCAL YEAR 2010

PI	TITLE			
CO-PI	AGENCY		AMOUNT	PROJECT DATES
	AWARD #			
<u>University Police Department</u>				
JORDAN, DONNA	AVOID the 14 DUI Campaign - San Luis Obispo County			
WATTON, WILLIAM	CA OFFICE OF TRAFFIC SAFETY (OTS) VIA ARROYO GRANDE POLICE DEPARTMENT			
	10-255-01		\$18,978	10/01/09 - 09/30/12
GRAND TOTALS:			242 Awards	\$20,310,203
