PI TITLE
CO-PI AGENCY
AWARD # AMOUNT PROJECT DATES

### Agriculture, Food & Env Sciences

**Agribusiness** 

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 The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the

California Specialty Crop Industry

HURLEY, SEAN CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE)

09-182-01 \$99,161 07/01/09 - 06/30/10

NOEL, JAY The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the

California Specialty Crop Industry

HURLEY, SEAN U.S. DEPT OF AGRICULTURE (AMS) VIA CSU FRESNO

09-203-01 \$30,000 09/01/09 - 08/31/11

NOEL, JAY The Impacts of Changes in Agricultural Transportation Sector on the Competitiveness of the

California Specialty Crop Industry

HURLEY, SEAN U.S. DEPT OF AGRICULTURE VIA CA DEPT OF FOOD AND AGRICULTURE

09-257-01 \$167,266 10/01/09 - 06/30/12

PI TITLE
CO-PI 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

Agricultural Education

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

**Animal Science** 

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 How Sexed-Semen Characteristics Affect Fertilization Rate

BECKETT, DEBORAH CSU - AGRICULTURAL RESEARCH INITIATIVE

И.

09-095-02 \$53.916 07/01/08 - 06/30/09

**BioResource and Agricultural Engineering** 

BURT, CHARLES Fee-for-Service Agreement, ITRC

STYLES, STUART VARIOUS SPONSORS

05-034-05 \$847,623 01/01/05 - 12/31/10

PI TITLE AGENCY

AWARD# AMOUNT PROJECT DATES

**BioResource and Agricultural Engineering** 

BURT, CHARLES GIS-based Water Routing/Scheduling Through Irrigation District Canal Systems

GILL, SAMANTHA CSU - AGRICULTURAL RESEARCH INITIATIVE

08-034-03 \$25,000 07/01/07 - 03/31/11

BURT, CHARLES CESU Project #1- 2008-13: Liaison Activites for the Klamath Project

STYLES, STUART U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION, MID PACIFIC REGION

08-309-02 \$75,000 09/29/08 - 09/30/13

BURT, CHARLES Flight #6: Professional services for program management - 2009-2011 program period

STYLES, STUART 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 Technical assistance for CRIT automation and SCADA (phase 2)

STYLES, STUART 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 Development of Methods for In-situ Generation and Application of Ozone to Fumigate Soil as an

Alternative to Methyl Bromide for Crop Production

YOSHIMURA, MICHAEL 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

**Dairy Science** 

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

California Polytechnic State University 3 of 22 Fiscal Year 2010

PI CO-PI	TITLE AGENCY AWARD #	ABAOUNT	DDO JECT DATES
	ANAILD #	AMOUNT	PROJECT DATES
Dairy Science			
FARKYE, NANA	Increasing proteolysis in lowfat Cheddar cheese to enhance te	cture	
	DAIRY MANAGEMENT, INC.	<b>040.500</b>	04/04/40 04/04/40
	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 CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE)	production trait	
NALALL	08-205-02	\$150,000	07/01/08 - 06/30/10
GOLDEN, BRUCE	Nitrogen removal from dairy wastewater using a novel reciproc	ating biofilm rea	ctor
LUNDQUIST, TRYGVE	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)		
LUNDQUIST, TRIGVE	10-169-01	\$280,800	06/01/10 - 05/31/11
JIMENEZ-FLORES, RAFAEL	Proteomic approach to study milk fat globule membrane protein CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE)	ns as biologically	y active compounds
	07-136-04	\$149,418	07/01/07 - 03/31/11
LAMMERT, AMY	<b>Developing Expertise in Sensory Evaluation</b> 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 TECHNOLOGIST 10-239-01	rs section (sc \$7,755	IFTS) 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 Powder DAIRY MANAGEMENT, INC.		
	09-061-03	\$5,500	01/01/10 - 12/31/10
TONG, PHILLIP	Improving Dairy Ingredients Functionality Through Research & CA DAIRY RESEARCH FOUNDATION	Training Collabo	oration
	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

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PI TITLE
CO-PI AGENCY
AWARD # AMOUNT PROJECT DATES

Food Science & Nutrition

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 NFkB 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 Algal Biomass Production Using Closed-Loop Tubular Photobioreactors

YILDIZ, ILHAMI CSU - AGRICULTURAL RESEARCH INITIATIVE

10-022-01 \$53,775 07/01/09 - 06/30/10

KHALIL, HANY Defining Milk Quality for Today's Dairy Industry - Microbial and Ecology Approach

JIMENEZ-FLORES,

RAFAEL

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

Horticulture & Crop Science

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

PI TITLE AGENCY

AWARD # AMOUNT PROJECT DATES

Horticulture & Crop Science

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

Natural Resource Management

DICUS, CHRISTOPHER A. Tradeoffs in Community Benefits Versus Fire Risk in Wildland/Urban Interface Forests

THOMPSON, RICHARD 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 Accuracy of Derived Watershed and Channel Features in Forested Mountain Conditions Using LIDAR

**Terrain Data** 

MASTIN, TOM B. 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 FIA urban forestry project

THOMPSON, RICHARD U.S. DEPT OF AGRICULTURE (FOREST SERVICE)

10-238-01 \$991,700 03/18/10 - 09/30/13

MARK, WALTER Monterey pine propagation for California native stand conservation and for the nursery industry

WONG, JEFFREY C. CSU - AGRICULTURAL RESEARCH INITIATIVE

08-162-03 \$68,465 07/01/07 - 03/31/11

 PI
 TITLE

 CO-PI
 AGENCY

 AWARD #
 AMOUNT
 PROJECT DATES

Natural Resource Management

MARK, WALTER Southern Area Sudden Oak Death Monitoring Plan

CAMILLI, KIM U.S. DEPT OF AGRICULTURE (FOREST SERVICE)

10-191-01 \$27,000 07/01/10 - 05/31/11

MARK, WALTER Regional Forest Health Specialist

CAMILLI, KIM CA DEPT OF FORESTRY

10-213-01 \$402,029 05/01/11 - 04/30/14

PIIRTO, DOUGLAS McIntire-Stennis Forestry Research Program (2009-2010)

SHELTON, MARK U.S. DEPT OF AGRICULTURE (NIFA)

10-111-01 \$49,005 10/01/09 - 09/30/10 10-111-02 (\$2,334) 10/01/09 - 09/30/10

REIMER, JEFF UFEI Website Resources for California

THOMPSON, RICHARD 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 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

SINK, SCOTT U.S. DEPT OF AGRICULTURE (NIFA)

10-142-01 \$9,277 10/01/09 - 08/31/10

Recreation, Parks, & Tourism Administration

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

**Architecture & Env Design** 

Architectural Engineering

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

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 – St U.S. DEPT OF DEFENSE VIA CDM TECHNOLOGIES, INC.	tage 19		
	10-049-01	\$349,993	08/29/09 - 03/26/10	
POHL, JENS	ICODES development and software maintenance support - Sta U.S. DEPT OF DEFENSE VIA CDM TECHNOLOGIES, INC.	ige 20		
	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	
City & Regional Planning				
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	\$79,605	06/15/09 - 08/31/10	
	09-230-02	\$17,058	06/15/09 - 08/31/10	
	09-230-03	\$17,058	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 Concept for Improvements CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENT	-	velopment of a	
	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	
Construction Management				
HAUCK, ALLAN	Contruction Management Education Account 2009-10 CA CONTRACTORS STATE LICENSE BOARD			
	10-265-01	\$41,279	01/01/10 - 12/31/10	

**TITLE** PΙ **AGENCY** CO-PI AWARD# **AMOUNT PROJECT DATES** Construction Management JACKSON, BARBARA California Center for Construction Education Fee-for-Service Agreement VARIOUS SPONSORS 06-233-04 07/01/07 - 12/31/10 \$5,000 Homebuilding Education Leadership Program (HELP) JACKSON, BARBARA NATIONAL HOUSING ENDOWMENT 08-302-02 (\$12,095)02/20/08 - 10/31/10 **Business Accounting QUIJANO, EDDY Cal Poly Low Income Taxpayer Clinic** INTERNAL REVENUE SERVICE - (LITC) \$10,000 01/01/10 - 12/31/10 09-263-01 09-263-02 01/01/10 - 12/31/10 \$30,000 **Economics** 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 **Finance** 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 **Industrial Technology** SINGH, JAGJIT Fee-for-Service Agreement, Cal Pack Lab VARIOUS SPONSORS 04-120-05 \$26.968 01/01/04 - 12/31/10 TORNATZKY, LOUIS IT Consortium Task #1: Life cycle inventory (LCI) as a tool for packaging sustainability SINGH, JAGJIT IT CONSORTIUM 10-185-01 \$36.781 09/01/09 - 08/31/10 TORNATZKY, LOUIS IT Consortium Task #2: Development of a database of LCI based studies conducted worldwide for packaging applications SINGH, JAGJIT IT CONSORTIUM 10-186-01 \$42,482 09/01/09 - 08/31/10 IT Consortium Task #3: Validation of post-consumer recycled (PCR) and bio-based, biodegradable TORNATZKY, LOUIS substrate composition, ASTM label claims for sustainability, food safety, performance and regulatory compliance IT CONSORTIUM VORST, KEITH 10-187-01 09/01/09 - 08/31/10 \$44,482

PI TITLE
CO-PI AGENCY
AWARD # AMOUNT PROJECT DATES

Industrial Technology

TORNATZKY, LOUIS IT Consortium Task #4: Migration of low-molecular weight compounds from polymeric substrates

VORST, KEITH IT CONSORTIUM

10-188-01 \$44,482 09/01/09 - 08/31/10

VORST, KEITH Predictive Growth Models for Escherichia coli O157:H7 on Fresh-Cut Produce During Transport and

**Cold Chain Distribution** 

SINGH, JAGJIT 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** 

Education

KONOPAK, BONNIE Central California Partnership for Teacher Quality Programs: CSU Bakersfield, CSU Monterey Bay, Cal

Poly

CEASER, LISBETH U.S. DEPT OF EDUCATION VIA CSU BAKERSFIELD

10-004-01 \$490,787 10/01/09 - 09/30/10

**Engineering** 

**Aerospace Engineering** 

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 Cal Poly Flight Test Platform and Instrumentation Development

WESTPHAL, RUSSELL 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

 PI
 TITLE

 CO-PI
 AGENCY

 AWARD #
 AMOUNT
 PROJECT DATES

Aerospace Engineering

PUIG-SUARI, JORDI P-POD and RocketPod on Steroids, Phase II

COELHO, ROLAND 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

Civil & Environmental Engineering

FIEGEL, GREGG Water Jetting of CIDH Pile Anomalies

DENATALE, JAY 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 Evaluation of thermal conditions and mechanical response of liner systems at the Corralitos Regional

Landfill, Task #1

YESILLER, NAZLI SOUTH CENTRAL SOLID WASTE AUTHORITY

09-271-01 \$20,000 06/01/09 - 05/31/11

JANSEN, DANIEL VOC emissions from flooring systems and the impact of floor leveling screeds

THATCHER, TRACY ADVANCED RESURFACING CONCRETE PRODUCTS, INC.

10-058-01 \$6,143 09/01/09 - 12/31/09

KACHLAKEV, DAMIAN I. Durability Studies of Modified Plastering Mixes, Surface Deteriorations of Plastered Swimming Pools-

Phase Seven

LEHR, CORINNE NATIONAL PLASTERERS COUNCIL INC.

10-102-01 \$142,485 10/01/09 - 09/30/10

KACHLAKEV, DAMIAN I. IPSSA Protocol Phase 1

LEHR, CORINNE 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

PI TITLE
CO-PI AGENCY
AWARD # AMOUNT PROJECT DATES

Civil & Environmental Engineering

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. Microalgae production and harvesting in wastewater

LUNDQUIST, TRYGVE 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 A Framework for Developing and Integrating Effective Routing Strategies within the Emergency

**Management Decision Support System for Transit Centers** 

MITRA, SUDESHNA 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 Assessment of Public Perception of User-Based fees and Tolls to Finance Transportation

Infrastructure Improvements

NUWORSOO, CSU SAN BERNARDINO, LEONARD TRANSPORTATION CENTER

CORNELIUS

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

College of Engineering

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

PI CO-PI	TITLE AGENCY AWARD#	AMOUNT	PROJECT DATES	
Computer Science				
CLARK, CHRISTOPHER MOLINE, MARK	Ice-edge AUV mapping and navigation experiments in the arctic NATIONAL SCIENCE FOUNDATION	• • • • • • • • • • • • • • • • • • • •		
CLARK, CHRISTOPHER LEHR, JANE	09-299-01  International: Underwater Archeology via Robotic Systems  NATIONAL SCIENCE FOUNDATION (IRES)	\$19,963	09/01/09 - 08/31/10	
LET IIV, OCHVE	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	<b>\$42.200</b>	00/04/00 05/04/40	
JANZEN, DAVID CLEMENTS, JOHN	09-045-02  NSF CCLI: Test-Driven Learning with WebIDE  NATIONAL SCIENCE FOUNDATION (CCLI)	\$13,300	06/01/08 - 05/31/10	
	09-218-01	\$153,344	09/01/09 - 08/31/12	
Electrical Engineering				
ARAKAKI, DEAN	Fee-for-Service Agreement, Cal Poly Antenna Anechoic Chamber	r Laboratory		
	07-104-03	\$3,973	10/16/06 - 12/31/10	
ARAKAKI, DEAN	Fee-for-Service Agreement, Cal Poly Electromagnetic Compatable Room 112) VARIOUS SPONSORS	ility (EMC) Char	nber Building 04,	
	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	<b>70MHz Channel Emulator Project Phase II</b> 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	\$25,000	09/01/09 - 06/30/10	
	10-034-02	\$25,000	07/01/10 - 06/30/11	
Materials Engineering				
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 NATIONAL SCIENCE FOUNDATION VIA NATIONAL ACADEMY OF	ENGINEERING		
	10-008-01	\$2,500	08/28/09 - 12/31/09	

Fiscal Year 2010

PI CO-PI	TITLE AGENCY AWARD #	4	PDC 1505 5 155
	AWARD#	AMOUNT	PROJECT DATES
Mechanical Engineering			
MURRAY, WILLIAM R	A Reusable, Oxidizer-Cooled, Hybrid Aerospike Rocket Motor NASA STTR VIA ROLLING HILLS RESEARCH CORP.	for Flight Test	
	09-192-01	\$300,000	10/23/09 - 04/22/1
MURRAY, WILLIAM R	A Rayleigh Flow Experiment on N20 to Assess the Limits of N 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 CALIFORNIA SPACE GRANT CONSORTIUM		
	10-230-01	\$10,000	02/01/10 - 09/30/1
WESTPHAL, RUSSELL	Boundary Layer Data System for the Aerodynamic Efficiency 3C and 3D  NORTHROP GRUMMAN		
	09-089-02	\$49,521	11/06/08 - 02/28/1
WESTPHAL, RUSSELL	Cal Poly Laminar Flow Technology Development -2009 NORTHROP GRUMMAN		
	09-225-02	\$99,847	03/23/09 - 12/31/0
	09-225-03	\$78,108	03/23/09 - 12/31/1
WESTPHAL, RUSSELL	09-225-04  Boundary layer measurement on an operating SWT 2.3-101 w	\$665 ind turbine	03/23/09 - 12/31/1
,	SIEMENS ENERGY INC. 10-197-01	\$15,000	05/01/10 - 01/31/1
Multicultural Engineering		ψ10,000	00/01/10 01/01/1
material Engineering			
MILLAN, JOSE	MESA Schools Program 2008-2009 UNIVERSITY OF CALIFORNIA		
	08-118-03	\$80,000	07/01/09 - 06/30/1
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 - 06/30/1
	10-152-02	\$3,125	08/31/09 - 06/30/1
	Liberal Arts		
Cal Poly Arts			
WILT, PETER	Cal Poly Arts for 2009-2010 Season SAN LUIS OBISPO, CITY OF (PCC)	24.505	07/04/02 22/22/
AULT DETER	09-227-01	\$4,500	07/01/09 - 06/30/1
WILT, PETER	Bill Harley NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWEST	<b>\$2.500</b>	05/04/00 40/40/0
·// - DETED	09-240-01	\$2,500	05/01/09 - 12/16/0
VILT, PETER	The Spirit of Uganda  NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWEST  09-241-01	\$2,500	09/02/09 - 04/03/1
	U3-Z4 I-U I	Φ∠,5∪U	09/02/09 - 04/03/1

 PI
 TITLE

 CO-PI
 AGENCY

 AWARD #
 AMOUNT
 PROJECT DATES

**Graphic Communication** 

LEVENSON, HARVEY Fee-for-Service Agreement, GrCI

**VARIOUS SPONSORS** 

05-167-05 \$112,952 01/01/05 - 12/31/10

**Philosophy** 

LIN, PATRICK US Naval Academy fellowship

U.S. NAVAL ACADEMY

10-044-01 \$10,000 09/01/09 - 04/30/10

Psychology & Child Development

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

**Social Sciences** 

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

PI TITLE
CO-PI AGENCY
AWARD# AMOUNT PROJECT DATES

### **Science & Mathematics**

**Biological Sciences** 

CANO, RAUL Fee-for-Service Agreement, EBI

KITTS, CHRISTOPHER VARIOUS SPONSORS

L

03-041-05 \$15,533 09/01/02 - 12/31/10

CANO, RAUL Integrating molecular forensics into the undergraduate science, technology, engineering and

mathematics (STEM) curriculum to Address Environmental, Health and Food Safety Issues in

California

KITTS, CHRISTOPHER KECK FOUNDATION

ı

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 Evnironmental 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 Evaluation of glider coatings against biofouling for improved flight performance

WENDT, DEAN 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 \$125,000 07/15/09 - 09/30/10

10-114-02 \$45,000 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

PI TITLE
CO-PI AGENCY
AWARD # AMOUNT PROJECT DATES

**Biological Sciences** 

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

Chemistry and Biochemistry

BERBER-JIMENEZ, M. California Science Project Teacher Retention

DOLORES Initiative

BUSH, SETH 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 Low VOC, stain blocking specialty primer coating

JONES, DANE 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

PI TITLE AGENCY

AWARD # AMOUNT PROJECT DATES

**Chemistry and Biochemistry** 

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 Central coast science project 2008-2011

BERBER-JIMENEZ, M. UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - CALIFORNIA SCIENCE PROJECT

DOLORES

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 \$20,241 07/01/10 - 06/30/11

10-072-02 \$14,759 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 \$63,049 09/01/09 - 08/31/10

09-016-03 \$746 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 Isoflavones, Equol Producing Status, and Breast Density in US Chinese Women

O'BRYANT, CAMILLE NATIONAL INSTITUTES OF HEALTH VIA FOX CHASE CANCER CENTER

09-324-01 \$103,240 07/01/09 - 05/31/11

TSENG, MARILYN Diet and breast density over time in US Chinese women

O'BRYANT, CAMILLE NATIONAL INSTITUTES OF HEALTH VIA FOX CHASE CANCER CENTER

10-026-01 \$238,267 07/01/09 - 06/30/11

**Mathematics** 

AGRONSKY, STEVEN Mathematics diagnostic testing project (MDTP) 2009-2011

UNIVERSITY OF CALIFORNIA

10-163-01 \$28,840 07/01/09 - 06/30/10

**TITLE** PΙ **AGENCY** CO-PI AWARD# **AMOUNT PROJECT DATES Mathematics** RILEY, KATE **Central Coast Mathematics and Science Project** BERBER-JIMENEZ, M. CA DEPT OF EDUCATION VIA SANTA MARIA-BONITA SCHOOL DISTRICT **DOLORES** 07-264-03 \$2,077 07/01/07 - 08/31/09 YOSHINOBU, STAN Academy of Inquiry Based Learning (AIBL) at Cal Poly San Luis Obispo **EDUCATIONAL ADVANCEMENT FOUNDATION** STANKUS, MARK 10-268-01 \$44,192 03/29/10 - 09/30/10 **Physics** 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 RUI: Investigation of Atomic Dipole Traps Created by Diffraction of Laser Light for Use in Quantum **GILLEN, KATHARINA** Computing **GUTIERREZ, THOMAS** NATIONAL SCIENCE FOUNDATION (RUI) 09-065-01 \$200,000 08/01/09 - 07/31/12 RUI: Analysis, simulation, and onsite activities contributing to the search for neutrinoless double beta **GUTIERREZ, THOMAS** 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 Collaborative Research: Testing Burial/Exhumation Models for the Evolution of a (U)HP Terrane in an JOHNSTON, SCOTT Orogenic Upper Plate, Liverpool Land, East Greenland NATIONAL SCIENCE FOUNDATION (EAR) 08-157-02 \$30,446 01/01/09 - 12/31/10 **KELLER, JOHN Robert Noyce Scholarship Program** BUSH, SETH 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 \$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

05/28/10 - 05/27/11

Fiscal Year 2010

\$265,000

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

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Other

Academic Programs

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

Center for Teaching & Learning

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

Facility Services

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

**Honors Program** 

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

**Performing Arts Center** 

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

**University Police Department** 

JORDAN, DONNA AVOID the 14 DUI Campaign - San Luis Obispo County

WATTON, WILLIAM CA OFFICE OF TRAFFIC SAFETY (OTS) VIA PASO ROBLES POLICE DEPARTMENT

07-124-03 \$5,250 10/01/06 - 01/31/10

JORDAN, DONNA Bulletproof Vest Partnership 2008

WATTON, WILLIAM 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

PI TITLE
CO-PI AGENCY
AWARD # AMOUNT PROJECT DATES

**University Police Department** 

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