PI TITILE
CO-PI AGENCY
PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Agriculture, Food & Env Sciences

Agribusiness

AMSPACHER, WILLIAM Identification of Demand Factors Impacting the Increased Consumption of Imported Wine in the U.S.

Market

U.S. DEPT OF AGRICULTURE (ERS)

05-056 \$10,000 9/1/04 - 9/30/05

MACDOUGALL, NEAL Transitioning Conventional Growers to Organic Production: A Unified Conference, Field Day and Web-

Based Approach

U.S. ENVIRONMENTAL PROTECTION AGENCY

05-199 \$199,716 10/1/05 - 9/30/07

Agricultural Education

CASEY, GLEN The Effects of Using Agriculture as a Context on Elementary Students' Standardized Performance

Scores

BELLAH, KIMBERLY A. W. K. KELLOGG FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS

05-001 \$18,800 8/1/04 - 6/30/05

CASEY, GLEN Administration of Agriculture Literacy and Understanding Program

W. K. KELLOGG FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS

05-052 \$13,946 9/1/04 - 6/30/05

FLORES, ROBERT A. San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2005-06)

CA DEPT OF EDUCATION

05-137 \$13,750 1/12/05 - 1/11/06

Animal Science

BECKETT, JONATHON Interactions between b-Adrenergic Agonists and Growth Promoting Implants on Performance and

Carcass Characteristics in Holstein Steers

DELMORE, ROBERT CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-006 \$75,382 7/1/04 - 6/30/06

BECKETT, JONATHON Relationship between growth performance, scrotal circumference, fertility characteristics and Igenity-

L genotype in purebred yearling beef bulls

MERIAL

05-095 \$3,498 5/1/04 - 12/31/04

BURD, MATTHEW Pregnancy Rates Using Cooled Transported Cryopreserved (Vitrified) Equine Embryos

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-131 \$40,000 7/1/04 - 6/30/06

DELMORE, ROBERT Development of a Meat Processing Food Safety Laboratory

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-002 \$5,000 7/1/04 - 6/30/05

DELMORE, ROBERT National Beef Tenderness Survey - 2005

NATIONAL CATTLEMEN'S BEEF ASSOCIATION VIA TEXAS A&M UNIVERSITY

05-194 \$7,000 3/1/05 - 2/28/06

KOUTSOS, ELIZABETH Integrative investigation of intestinal dynamics in broiler chickens supplemented with lactose and

probiotics

U.S. DEPT OF AGRICULTURE (CSREES) - NRI

05-258 \$399,987 12/1/05 - 11/30/08

PI TITILE

CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Animal Science

KOUTSOS, ELIZABETH Bovans Caged Laying Hen Molting Trial with Dietary Thyroid Hormones

U.S. DEPT OF AGRICULTURE (CSREES) - SBIR VIA HOOGE CONSULTING SERVICE, INC.

05-279 \$15,000 5/23/05 - 9/22/05

PETERSON, DANIEL Effects of Zinc Status on Inflammatory Response in Adult Male Mice

KOUTSOS, ELIZABETH U.S. ARMY RESEARCH INSTITUTE OF ENVIRONMENTAL MEDICINE (USARIEM)

05-110 \$0 10/20/04 - 10/19/05

PETERSON, DANIEL Dietary CLA: Integrative Study of Metabolic Effects and Molecular Mechanisms

NATIONAL INSTITUTES OF HEALTH - AREA

05-168 \$202,500 1/1/06 - 12/31/07

PETERSON, DANIEL Examination of endogenous and exogenous phytase in domesticated birds

KOUTSOS, ELIZABETH CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-291 \$42,000 7/1/05 - 6/30/06

PLUMMER, WILLIAM Using sperm-related proteins to predict reproductive success

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-032 \$82,000 7/1/04 - 6/30/06

BioResource and Agricultural Engineering

BURT, CHARLES Defining the Unique Characteristics of Variable Frequency Drive (VFD) Motors and Pumps for

Agriculture

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-008 \$120,000 7/1/04 - 6/30/06

BURT, CHARLES National Training Workshop on Irrigation Modernization for Integrated Water Resources

Management - Pakistan

UN FOOD AND AGRICULTURE ORGANIZATION

05-054 \$32,000 10/2/04 - 2/28/05

BURT, CHARLES Irrigation Modernization Training for Vietnam Water Resources Assistance Project

WORLD BANK GROUP

05-068 \$55,000 9/1/04 - 6/1/05

BURT, CHARLES Chemigation Awareness Program at Farm Shows

CA DEPT OF PESTICIDE REGULATION

05-069 \$28,691 12/23/04 - 6/30/05

BURT, CHARLES SCADA Integration Services - Phase II

U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION

05-088 \$99,500 9/8/04 - 11/30/05

BURT, CHARLES Technology Transfer to Irrigation Districts

CA DEPT OF WATER RESOURCES

05-164 \$1,350,000 12/1/05 - 2/15/07

KELLY, SHAUN F Implementation of a Wireless Interface in the Development of Open Architecture Greenhouse SCADA

Systems

LEHMKUHL, MIKE HORTICULTURE RESEARCH INSTITUTE

05-273 \$5,000 12/1/05 - 7/31/06

STYLES, STUART Improvement of Flow Measurement and Control Research and Demonstration Facilities at ITRC Water

Delivery Facility

U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION

04-238 \$20,000 8/16/04 - 9/30/05

PI TITILE AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

BioResource and Agricultural Engineering

STYLES, STUART Flow Rate Indexing Procedure (QIP) for Non-Standard Structures

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-004 \$94,026 7/1/04 - 6/30/06

STYLES, STUART Water Conservation Technical Assistance to Yuma Area Irrigation Districts

U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION

05-115 \$95,000 4/14/05 - 12/31/06

STYLES, STUART Flow Measurement Design for Samur-Absheron Canal in the Republic of Azerbaijan for Rehabilitation

and Completion of Irrigation and Drainage Infrastructure Project.

REHABILITATION & COMPLETION OF IRRIGATION & DRAINAGE INFRASTRUCTURE PROJECT UNIT

05-145 \$32,645 12/2/04 - 2/28/05

STYLES, STUART Truckee-Carson Irrigation District Flow Measurement Course for Field Operators

U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION

05-206 \$6,443 9/23/05 - 12/31/05

STYLES, STUART Technical Assistance and Research for Federal Water Contractors in the San Joaquin Valley

U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION

05-207 \$170,000 6/1/05 - 12/31/06

STYLES, STUART Technical Assistance and Research for Federal Water Contractors in the Sacramento Valley

U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION

05-208 \$137,943 9/23/05 - 12/31/06

STYLES, STUART On-Farm SCADA Implementation

U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION

05-209 \$95,000 9/23/05 - 12/31/06

STYLES, STUART On-Farm SCADA Implementation

U.S. DEPT OF AGRICULTURE - CA CONSERVATION INNOVATION GRANT PROGRAM

05-251 \$75,000 6/27/05 - 12/31/06

WALKER, ROBERT Integration and Enhancement of WBMConserve

CA DEPT OF WATER RESOURCES

05-165 \$363,812 1/1/05 - 12/31/08

WILLIAMS, DOUGLAS Energy Innovations Small Grant Program Technical Review Board Participant

CA ENERGY COMMISSION VIA SAN DIEGO STATE UNIVERSITY FOUNDATION

05-125 \$9,900 10/1/04 - 9/30/05

College of Agriculture

MARK, WALTER Sudden Oak Death Monitoring - 2005 Aerial and Ground Survey

U.S. DEPT OF AGRICULTURE (FOREST SERVICE)

05-200 \$65,000 5/1/05 - 4/30/06

MARK, WALTER California Dairy Agroterrorism Task Force Security Plan

CA DEPT OF FOOD AND AGRICULTURE VIA UNIVERSITY OF CALIFORNIA, DAVIS (WIFSS)

06-056 \$5,000 9/23/05 - 11/30/05

PEDERSEN, MARY Multicultural Agricultural Scholars Program at Cal Poly

JIMENEZ-FLORES, U.S. DEPT OF AGRICULTURE (CSREES)

JIMENEZ-FLORES, U.S. DEPT OF AGRICULTURE (CSREES)
RAFAFI

10/1/05 - 9/30/09

05-243 \$108,000

PI TITILE
CO-PI AGENCY
PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Dairy Products Technology Center

EARLOYE MANA				
FARKYE, NANA	CA DAIRY RESEARCH FOUNDATION	Comparison of properties of domestic and international milk protein concentrate		
	05-028	\$212,668	1/1/05 - 12/31/07	
FARKYE, NANA	Improving the quality of low fat Cheddar cheese			
	CA DAIRY RESEARCH FOUNDATION			
	05-049	\$211,977	1/1/05 - 12/31/07	
FARKYE, NANA	Characterization of Hispanic cheeses			
	CA DAIRY RESEARCH FOUNDATION	\$460,000	1/1/05 - 12/31/06	
FARIOVE MANA	05-066 Elimination of calcium lactate crystal formation in Cheddar cheese	\$160,292	1/1/03 - 12/31/00	
FARKYE, NANA	CA DAIRY RESEARCH FOUNDATION			
	05-067	\$250,821	1/1/05 - 12/31/07	
FARKYE, NANA	Improving full-fat and low fat Cheddar cheese quality in California			
	CA DAIRY RESEARCH FOUNDATION			
	05-127	\$357,674	1/1/05 - 12/31/07	
FARKYE, NANA	Macronutrient and trace elements in California milk and milk powde	er		
	CA DAIRY RESEARCH FOUNDATION 05-128	\$348,040	1/1/05 - 12/31/07	
IIMENEZ EL ODES DAEAEL		. ,		
JIMENEZ-FLORES, RAFAEL	manufacturing	u potentiai ioi i	ngrealent	
	CA DAIRY RESEARCH FOUNDATION			
	05-057	\$367,683	1/1/05 - 12/31/07	
JIMENEZ-FLORES, RAFAEL	Characterization of MFGM Function in Binding Mechanism of Probi	iotic Bacteria		
	CA DAIRY RESEARCH FOUNDATION 05-060	\$188,797	1/1/05 - 12/31/06	
.IIMENEZ-ELORES RAFAEL	ESL Dairy Fluids: Quality and spore populations under range of tre		., .,	
TONG, PHILLIP	CA DAIRY RESEARCH FOUNDATION	utinonto		
	05-076	\$154,371	1/1/05 - 12/31/06	
JIMENEZ-FLORES, RAFAEL	Evaluation of novel ingredients rich in phospholipids and glycoproteins			
	U.S. DEPT OF AGRICULTURE (CSREES) - NRI			
	05-136	\$499,189	7/1/05 - 6/30/08	
JIMENEZ-FLORES, RAFAEL	Structure and Function of Milk Fat Globule Membranes and Their D Using a Combination of AFM and Laser Tweezers	omains; Topol	ogy and Dynamics	
SHARPE, JOHN P	U.S. DEPT OF AGRICULTURE (CSREES) - NRI			
	05-162	\$408,117	8/1/05 - 7/31/07	
JIMENEZ-FLORES, RAFAEL	Analytical procedures for identification dairy products point of orig	in		
	CA DAIRY RESEARCH FOUNDATION	0.107.010	4/4/05 40/04/05	
TONG BUILD	05-184	\$107,943	1/1/05 - 12/31/05	
TONG, PHILLIP	Use of Dairy Ingredients In Extended Shelf-life Dairy-Based Foods CSU - AGRICULTURAL RESEARCH INITIATIVE			
	05-005	\$150,000	7/1/04 - 6/30/07	
TONG, PHILLIP	Effects of Adjusting Protein Content on Functionality of U.S. Skim	, ,	Recombined	
•	Sweetened Condensed Milk Manufacture			
	CA DAIRY RESEARCH FOUNDATION	\$ E0.000	8/1/04 - 5/31/05	
	05-073	\$50,000	0/1/04 - 3/31/03	

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	I NOI COAL #	MOUNT REQUESTED	PROJECT DATES
Dairy Products Technology	<u>r Center</u>		
TONG, PHILLIP	Impact of dairy protein ingredients options on frozen da CA DAIRY RESEARCH FOUNDATION		1/1/05 10/01/00
TONG, PHILLIP	05-077 Continuing Education Program Activities for the Dairy Ir CA CHEESE RESEARCH & EDUCATION FUND	•	1/1/05 - 12/31/06 1/1/05 - 12/31/05
TONG, PHILLIP	05-085 Operating Budget to Support Research at DPTC - 2005 CA DAIRY RESEARCH FOUNDATION	\$3,750	
TONG, PHILLIP	05-096 Dairy Products Technology Industry Outreach Program CA DAIRY RESEARCH FOUNDATION	\$176,040 - 2005	1/1/05 - 12/31/05
TONG, PHILLIP	05-097 Master Agreement: Calendar Year 2005 CA DAIRY RESEARCH FOUNDATION	\$253,800	1/1/05 - 12/31/07
TONG, PHILLIP	05-148 Cal Poly Dairy Ingredients Applications Program 2005 CA DAIRY RESEARCH FOUNDATION / DAIRY MANAGEM	\$0	1/1/05 - 12/31/05
TONG, PHILLIP	05-153 Master Agreement: 2005-2006	\$378,000	1/1/05 - 12/31/05
	DAIRY MANAGEMENT, INC. 05-289	\$0	7/1/05 - 12/31/06
Dairy Science			
JASTER, EDWIN	Evaluation of Growth and Performance of Jersey Calves Different Amounts of Protein and Fat AJCC RESEARCH FOUNDATION	Fed Milk Replacers and	Starters Containing
	05-139	\$4,500	4/1/05 - 6/1/07
Earth & Soil Sciences			
HALLOCK, BRENT G	Caltrans Roadside Erosion Control and Management St CA DEPT OF TRANSPORTATION (CALTRANS) VIA CSU \$ 05-252		TION 6/1/05 - 5/30/08
RICE, THOMAS MONTECALVO, JOSEPH	Assessing Wine Quality Relative to Soil Types: A Study CSU - AGRICULTURAL RESEARCH INITIATIVE	of Terroir	7/1/04 - 6/30/07
0002.11	05-104	\$50,863	771704 - 0/30/07
Food Science & Nutrition			
DERELIAN, DORIS NEUHAUS, THOMAS	Culinary & Food Science Partnership U.S. DEPT OF AGRICULTURE VIA ALLAN HANCOCK CO 05-195	LLEGE \$105,090	8/1/05 - 7/31/07
HAWK, SUSAN	Vitamin B12 and iron deficiency in Vegetarians: prevaled U.S. DEPT OF AGRICULTURE (CSREES) - NRI	nce, consequences and o	concerns
	05-117	\$245,271	6/1/05 - 5/31/07

PI TITILE

CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Food Science & Nutrition

HAWK, SUSAN Fatty Acids: Effects on Vitamin A Metabolism in Mammary Cells

U.S. DEPT OF AGRICULTURE (CSREES) - NRI

05-118 \$242,841 6/1/05 - 5/31/07

NICHOLSON, LISA Gold Coast Collaborative: Regional Nutrition Network for Healthy Active Families

CA DEPT OF HEALTH SERVICES VIA VENTURA COUNTY PUBLIC HEALTH

05-023 \$50,000 1/1/05 - 9/30/07

NICHOLSON, LISA Tailored Parent Nutrition Education and Community-Based Learning

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-048 \$40,000 7/1/04 - 6/30/06

Horticulture & Crop Science

COSTELLO, MICHAEL J Testing of miticides on grapes

VALENT CORPORATION

05-098 \$4,000 7/1/04 - 11/1/04

COSTELLO, MICHAEL J Testing of rosemary oil for mites and leafhoppers on grapes

ECOSMART TECHNOLOGIES, INC.

05-102 \$1,500 7/1/04 - 11/1/04

COSTELLO, MICHAEL J Willamette Mite Response to Cultural Practices

HOWARD, WAYNE U.S. DEPT OF AGRICULTURE VIA UNIVERSITY OF CALIFORNIA - VITICULTURE CONSORTIUM

05-181 \$43,936 4/1/05 - 3/31/07

HEADRICK, DAVID Field Management Plan for Peelminer and Biocontrol Rearing System for Peelminer and Leafminer

CITRUS RESEARCH BOARD

05-012 \$206,142 11/1/04 - 10/31/07

HEADRICK, DAVID Development of an Acoustical Trapping System for Katydid Control in Citrus

CITRUS RESEARCH BOARD

05-016 \$86,596 11/1/04 - 10/31/07

HEADRICK, DAVID Impacts of Encarsia pergandiella on whitefly biological control in greenhouses

CA CUT FLOWER COMMISSION

05-087 \$10,000 1/1/05 - 12/31/06

HEADRICK, DAVID Impacts of Encarsia pergandiella on whitefly biological control in greenhouses

CA ASSOCIATION OF NURSERIES AND GARDEN CENTERS

05-123 \$30,000 7/1/05 - 6/30/07

HEADRICK, DAVID Implementation of GIS Technology for Risk Assessment in Strawberry Production

CA STRAWBERRY COMMISSION

05-214 \$232,944 7/1/05 - 6/30/08

PATTERSON, W. KEITH Winegrape Quality Separation Using GPS/GIS Technology

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-159 \$13,642 7/1/04 - 6/30/05

STEINMAUS, SCOTT Impacts of Saltcedar (Tamarix spp.) Management on Restoration and Invasiveness of Other Weeds

Along the Middle Rio Grande

U.S. DEPT OF AGRICULTURE (FOREST SERVICE) VIA NEW MEXICO STATE UNIVERSITY

05-180 \$44,240 3/1/05 - 2/29/08

WONG, JEFFREY C. Cloning of barren stalk1 in Zea mays by Transposon Tagging

RITTER, MATTHEW CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-132 \$40,000 7/1/04 - 6/30/06

PI TITILE CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Natural Resource Management

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

GILL, SAMANTHA CSU - AGRICULTURAL RESEARCH INITIATIVE

05-019 \$104,478 7/1/04 - 6/30/07

DIETTERICK, BRIAN Pre-harvest Calibration of a Paired and Nested Watershed Study to Evaluate Event-Based Suspended

Sediment Export

MARK, WALTER CSU - AGRICULTURAL RESEARCH INITIATIVE

05-158 \$125,318 7/1/04 - 6/30/07

DIETTERICK, BRIAN Accuracy of derived watershed and channel features in forested mountain conditions using LIDAR

terrain data

MASTIN, TOM B. NATIONAL SCIENCE FOUNDATION

05-276 \$131,773 1/1/06 - 12/31/07

GOLDENBERG, MARNI Means-end Research

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-003 \$5,000 7/1/04 - 6/30/05

GOLDENBERG, MARNI Understanding the Outcomes of Interest-Specific Parks Using Means-End Analysis

ROBERT WOOD JOHNSON FOUNDATION

05-045 \$80,672 3/1/05 - 2/28/07

HENDRICKS, WILLIAM The Economic Impact of Oceano Dunes State Vehicular Recreation Area Visitors on Local

Communities

LOVE, TERESA A. CA DEPT OF PARKS & RECREATION

04-283 \$16,000 7/1/04 - 6/30/07

HENDRICKS, WILLIAM The Economic Impact of Oceano Dunes State Vehicular Recreation Area Visitors on Local

Communities

LOVE, TERESA A. CSU - AGRICULTURAL RESEARCH INITIATIVE

05-108 \$16,000 7/1/04 - 6/30/07

JACOBS, JEFFREY A. Leadership Competencies

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE

05-228 \$5,000 7/1/05 - 6/30/06

MARK, WALTER Spatial Modeling of a Biological Invasion: Landscape-level establishment and spread of Phytophthora

ramorum in California

CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE)

05-160 \$390,000 7/1/05 - 6/30/08

PIIRTO, DOUGLAS

McIntire-Stennis Forestry Research Program (2004-2005)

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

05-092 \$26,367 10/1/04 - 9/30/05

PIIRTO, DOUGLAS Student Assistants for California Department of Forestry (2005-2007)

CA DEPT OF FORESTRY

05-254 \$100,000 7/1/05 - 6/30/08

Architecture & Env Design

Architecture

POHL, JENS ICODES (Integrated Computerized Deployment System) Development and Software Maintenance

Support - Stage 7

CDM TECHNOLOGIES, INC.

05-122 \$194,870 10/30/04 - 2/4/05

PI TITILE

CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Architecture

POHL, JENS ICODES (Integrated Computerized Deployment System) Development and Software Maintenance

Support - Stage 8

CDM TECHNOLOGIES, INC.

05-193 \$209,984 2/26/05 - 5/27/05

POHL, JENS Strategic Mobility 21 (SM-21): Joint Force Deployment and Distribution Process, Phase I

CA STATE UNIVERSITY LONG BEACH FOUNDATION

05-218 \$199,724 4/1/05 - 9/30/06

POHL, JENS ICODES (Integrated Computerized Deployment System) Development and Software Maintenance

Support - Stage 9

CDM TECHNOLOGIES, INC.

05-268 \$199,970 5/28/05 - 9/30/05

City & Regional Planning

HOWARD, ZELJKA PAVLOVICH **Templeton Community Plan Update**

SAN LUIS OBISPO COUNTY

05-140 \$5,000 10/4/04 - 5/30/05

SIEMBIEDA, WILLIAM Rural Development Through Ecological Conservation

ASSOCIATION LIASON OFFICE FOR UNIVERSITY COOPERATION IN DEVELOPMENT

05-064 \$296,720 1/1/05 - 9/30/07

SIEMBIEDA, WILLIAM Community Development Work Study Program (CDWSP)

U.S. DEPT OF HOUSING AND URBAN DEVELOPMENT (CDWSP)

05-270 \$90,000 10/1/04 - 9/30/06

Construction Management

HAUCK, ALLAN Contruction Management Education Account

CA CONTRACTORS STATE LICENSE BOARD

05-202 \$48,000 1/1/05 - 12/31/05

Business

Accounting

CARR, JANICE Service-Learning Curriculum and Infrastructure Development Initiative (Allocation Process 2004-2005)

LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE

05-091 \$48,000 7/1/04 - 6/30/05

Economics

HAMILTON, STEPHEN Obesity, Addiction and Fast Food

NATIONAL INSTITUTES OF HEALTH VIA ARIZONA STATE UNIVERSITY

05-280 \$69,760 4/1/06 - 3/31/08

PI TITILE
CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Industrial Technology

SENA, JAMES Research Design for Modeling and Analysis of Northrop-Production System Integrator Business

Relationship

NORTHROP GRUMMAN CORPORATION

05-013 \$25,000 11/20/04 - 12/23/04

SENA, JAMES Research Design for Modeling and Analysis of Northrop-Production System Integrator Business

Relationship (Phase II)

NORTHROP GRUMMAN CORPORATION

05-226 \$73,511 1/1/05 - 12/31/05

Marketing

BORIN, NORM Implementing a Student Developed Multi-Campus Social Norms Alcohol Campaign

U.S. DEPT OF EDUCATION

05-229 \$235,435 6/8/05 - 6/7/07

Education

Education

CHIN, ELAINE Center for the Study of Teacher Preparation

KONOPAK, BONNIE U.S. DEPT OF EDUCATION - INSTITUTE OF EDUCATION SCIENCES VIA NATIONAL OPINION

RESEARCH CENTER 6/1/05 - 5/31/10

05-086 \$3,427,497

HARRIS, KATHLEEN C. IRIS (IDEA and Research for Inclusive Settings) Faculty Enhancement and Implementation Site

RUEF, MICHAEL U.S. DEPT OF EDUCATION VIA VANDERBILT UNIVERSITY

05-083 \$11,000 10/1/04 - 9/30/05

HARRIS, KATHLEEN C. CHALIS, for Collaborating towards High Achievement for Learners in Inclusive Settings

U.S. DEPT OF EDUCATION (FIPSE)

05-124 \$552,137 9/1/05 - 8/31/08

MAGNUSSON, SHIRLEY The Influence of 1st- and 2nd-hand Investigations on Learning Opportunities and Outcomes in Inquiry-

based Science in the Elementary School

NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF MICHIGAN

05-072 \$46,250 7/1/04 - 6/30/05

Graduate Studies in Education

HARRIS, KATHLEEN C. Collaborative High Incidence Personnel Preparation (CHIPP)

RUEF, MICHAEL U.S. DEPT OF EDUCATION

05-236 \$776,818 11/1/05 - 10/31/09

Engineering

Aerospace Engineering

HALL, DAVID W. Mars Airplane Mission and Technology Development

NASA - AMES RESEARCH CENTER

04-221 \$16,320 1/1/04 - 12/31/04

PI TITILE

CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Aerospace Engineering

HALL, DAVID W. Flying Cars on the Horizon: A Study of Enabling Technologies for Personal Aerial Vehicles

NASA STTR VIA EMPIRICAL SYSTEMS AEROSPACE, LLC

05-075 \$30,000 1/1/05 - 12/31/05

HALL, DAVID W. NASA ESTOL Concepts & Challenges

NASA - AMES RESEARCH CENTER

05-237 \$197,537 6/1/05 - 12/31/06

PUIG-SUARI, JORDI Cal Poly as P-POD Provider and Launch Facilitator Project #2

MULTIPLE UNIVERSITIES AND TETHERS UNLIMITED INC.

05-024 \$600,000 9/1/04 - 3/31/06

PUIG-SUARI, JORDI Bandini Project

BOEING COMPANY, THE

05-033 \$145,000 9/1/04 - 12/31/06

PUIG-SUARI, JORDI Launch Support for STC/NASA CubeSat Class Satellite - Phase I

SAN JOSE STATE UNIVERSITY FOUNDATION - SPACE TECHNOLOGY CENTER

05-080 \$20,365 7/1/04 - 12/31/04

PUIG-SUARI, JORDI MOU Between San Jose State University and Cal Poly State University

SAN JOSE STATE UNIVERSITY FOUNDATION

05-129 \$0 11/1/04 - 4/1/06

PUIG-SUARI, JORDI Cal Poly State University Astronautics Support

BOEING COMPANY, THE

05-238 \$18,500 5/1/05 - 2/28/06

Civil & Environmental Engineering

GOEL, RAKESH Development of A Post-Earthquake Safety Evaluation Procedure Using Motions of Buildings

Recorded During an Earthquake

NATIONAL SCIENCE FOUNDATION

05-105 \$142,101 6/1/05 - 5/31/07

GOEL, RAKESH Evaluation of Ground Motion Provisions in Seismic Codes Using Data Recorded During 2004

Parkfield Earthquake

CA DEPT OF CONSERVATION

05-176 \$50,000 5/1/05 - 5/31/06

GOEL, RAKESH Seismic Performance of Instrumented Buildings in Epicentral Region of 2004 Parkfield and 2003 San

Simeon Earthquakes

CA DEPT OF CONSERVATION

05-205 \$50,000 5/1/05 - 5/31/06

HANSON, JAMES Investigation of Heat in Landfills as Alternative Energy Source

CA ENERGY COMMISSION PIER PROGRAM

05-263 \$74,948 12/1/05 - 11/30/06

JANSEN, DANIEL The Use of Waste Tires in Flowable Fill-Laboratory Assessment

RAHIM, ASHRAF M. FEDERAL TRANSIT ADMIN/TRANSPORTATION RESEARCH BOARD IDEA PROGRAM

05-071 \$58,668 1/1/05 - 3/31/06

JANSEN, DANIEL Acquisition of 500kN (110kip) Servo-Hydraulic Test Machine

KOLKAILAH, FAYSAL NATIONAL SCIENCE FOUNDATION

05-174 \$190,579 7/1/05 - 6/30/08

TITILE ы **AGENCY** CO-PI

PROPOSAL# **AMOUNT REQUESTED PROJECT DATES**

Civil & Environmental Engineering

JANSEN, DANIEL Improving Excavatable Flowable Backfill with Recycled Materials

FIEGEL, GREGG CA DEPT OF TRANSPORTATION (CALTRANS), DIVISION OF ENGINEERING SERVICES

> 10/1/05 - 6/30/07 \$100,650

KACHLAKEV, DAMIAN I. **Etching Deterioration of Plastered Swimming Pools - Phase Two**

NATIONAL PLASTERERS COUNCIL INC. PAL, NIRUPAM

> 9/15/04 - 7/31/05 \$148.071

KASPER, ERIC P. NEESR - GC: Seismic Performance and Design of Port Facilities Using Distributed Testing and

Computing

NATIONAL SCIENCE FOUNDATION VIA SAN JOSE STATE UNIVERSITY HALL, GARRETT J.

> 10/1/05 - 9/30/10 \$196,000

Assessment of Physical Security Technologies for Water and Wastewater Utilities MERAYYAN, SAAD

AWWA RESEARCH FOUNDATION

05-150 3/15/05 - 3/14/06 \$201,365

Guidance and Specifications for the use of Compost and Mulch for Erosion Control and Stormwater MERAYYAN, SAAD

Treatment

CA DEPT OF TRANSPORTATION (CALTRANS), DIVISION OF RESEARCH AND INNOVATION NELSON, YARROW M.

> \$168,206 10/1/05 - 3/31/08

MOSS, ROBB Using a Bayesian Framework to Quantify Parameter Uncertainty and Model Optimization for Strong

Ground Motion Attenuation Relationships

U.S. GEOLOGICAL SURVEY NEHRP

1/1/06 - 12/31/06 \$32.929

Master Agreement Task #18: Anaerobic Diluent Biodegradation in Laboratory Soil Columns **NELSON, YARROW M.**

KITTS, CHRISTOPHER

UNOCAL CORPORATION

9/1/04 - 8/31/05

05-036 \$50,998

NELSON, YARROW M. Master Agreement Task 17: Natural Attenuation Data Analysis and Vertical Profiles

KITTS, CHRISTOPHER **UNOCAL CORPORATION**

9/1/04 - 8/31/05

05-038 \$30,470

NELSON, YARROW M. Master Agreement Task 12: O-13 Phytoremediation Project

UNOCAL CORPORATION

12/15/04 - 8/31/06 05-040 \$68.880

Master Agreement Task #19: Microbial Activity Recovery following Steam Injection/Extraction **NELSON, YARROW M.**

KITTS, CHRISTOPHER **UNOCAL CORPORATION**

9/1/04 - 8/31/05

05-042 \$6.528

NELSON, YARROW M. Master Agreement Task 13: Survey of Plants Growing on Surface Stained Soils

UNOCAL CORPORATION

05-043 \$23.598 1/2/05 - 8/31/05

Economical Nitrate Reduction for Contaminated Drinking Water Sources Using Hydrogen-Based **NELSON, YARROW M.**

Membrane Biofilm Reactor: Phase II Pilot Testing

CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE VIA CSU FRESNO

05-147 7/1/05 - 6/30/06 \$11,877

Recyclability Index for Automobiles NELSON, YARROW M.

U.S. ENVIRONMENTAL PROTECTION AGENCY

05-178 \$9,990 9/30/05 - 5/30/06

PI TITILE AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Civil & Environmental Engineering

NELSON, YARROW M. Master Agreement Task 20: Methanogenic and Methanotrophic Kinetics in Soil Microcosms

UNOCAL CORPORATION

05-186 \$24,324 11/17/04 - 8/31/05

NELSON, YARROW M. Master Agreement Task 21: EBI 2005 Internship

UNOCAL CORPORATION

05-297 \$18,000 6/20/05 - 12/31/05

RAHIM, ASHRAF M. An Evaluation of the Crack, Seat, and Overlay Method in California

FIEGEL, GREGG CA DEPT OF TRANSPORTATION (CALTRANS), DIVISION OF RESEARCH AND INNOVATION

05-188 \$135,509 10/1/05 - 6/30/07

RAHIM, ASHRAF M. Reducing Shrinkage Cracking in Concrete Bridge Decks

JANSEN, DANIEL CA DEPT OF TRANSPORTATION (CALTRANS), DIVISION OF ENGINEERING SERVICES

05-189 \$169,599 10/1/05 - 3/31/08

SULLIVAN, EDWARD Efficient Deployment of Advanced Public Transportation Systems (EDAPTS) Cost/Benefit Evaluation

PATH VIA CSU POMONA

05-197 \$29,492 11/1/05 - 10/31/06

College of Engineering

GERFEN, JEFFREY Task #7 TMC Simulator Transition and Support

CA DEPT OF TRANSPORTATION (CALTRANS)

05-030 \$138,500 7/1/04 - 6/30/05

GERFEN, JEFFREY Emergency EDAPTS Retainer Support

CA DEPT OF TRANSPORTATION (CALTRANS)

05-111 \$25,000 12/1/04 - 6/30/06

GERFEN, JEFFREY Improve Communications Between TMC and TMS Elements in a Rural Environment Through a System

that is Deployable Statewide

CA DEPT OF TRANSPORTATION (CALTRANS), DIVISION OF RESEARCH AND INNOVATION

05-116 \$308,900 10/1/05 - 12/31/07

GERFEN, JEFFREY Stage 5 Test Deployment of Efficient Deployment of Advanced Public Transportation Systems

(EDAPTS)

PATH VIA CSU POMONA

05-198 \$75,496 11/1/05 - 10/31/07

GERFEN, JEFFREY Development of Performance-Based Specifications for Efficient Deployment of Advanced Public

Transportation Systems (EDAPTS)

PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY

05-210 \$56,180 11/1/05 - 10/31/06

GERFEN, JEFFREY Mobile TMC Performance Specification - Testbed Support Contract

UNIVERSITY OF CALIFORNIA, IRVINE

05-239 \$25,219 4/15/05 - 6/30/05

Computer Science

GHARIBYAN, HASMIK Why Women Avoid Computer Science in America

ENGINEERING INFORMATION FOUNDATION

05-031 \$20,060 4/1/05 - 3/31/06

PI TITILE

CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Computer Science

HAUNGS, MICHAEL Serving a Seamless, High Resolution National Ortho-Photo Map to Foster Innovative K20 Learning

Environments

STROHMAN, ROLLIN NATIONAL SCIENCE FOUNDATION (CCLI)

05-259 \$144,796 1/1/06 - 12/31/07

NICO, PHILLIP Multidisciplinary Project-Based Hardware/Software Co-Design Experience

LIDDICOAT, ALBERT NATIONAL SCIENCE FOUNDATION

05-256 \$200,000 1/1/06 - 12/31/08

Electrical Engineering

AHLGREN, WILLIAM Undergraduate Computer-Aided Design of Integrated Circuits and Systems

LIDDICOAT, ALBERT NATIONAL SCIENCE FOUNDATION

04-272 \$199,990 6/1/05 - 5/31/06

LIDDICOAT, ALBERT Software Models for a Verilog System

HITACHI GLOBAL STORAGE TECHNOLOGIES, INC.

05-120 \$6,953 12/6/04 - 1/28/05

LIDDICOAT, ALBERT JPL Sponsored CFDP Protocol Acceleration Research Program

NASA VIA JET PROPULSION LABORATORY

05-121 \$50,000 12/15/04 - 12/14/05

LIDDICOAT, ALBERT Cal Poly NSF GK-12 Teaching Fellows

BLACK, MICHAEL NATIONAL SCIENCE FOUNDATION (GK-12)

05-257 \$1,568,249 8/1/05 - 7/31/08

SAGHRI, JOHN A. Synthetic Aperture Radar Automatic Target Recognition for Ground Targets

RAYTHEON COMPANY

05-029 \$20,000 7/1/04 - 6/30/05

SLIVOVSKY, LYNNE An Embedded Haptic System for Spatial Disorientation Prevention and Remedy and Discrete

Communication

U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH (DURIP)

04-263 \$56,511 5/1/05 - 12/31/05

YU, XIAO-HUA (HELEN) The Analysis of a Class of Artificial Neural Networks with Adaptive Structure

NIST SMALL GRANT PROGRAM

05-290 \$75,250 9/1/05 - 8/31/06

Industrial & Manufacturing Engineering

CROCKETT, ROBERT CAD and Physical Models of Patient Head Trauma

DYNAMIC RESEARCH INC.

04-218 \$4,253 8/1/04 - 9/30/04

CROCKETT, ROBERT Cooperative Infrastructure Development

ST. JUDE MEDICAL

05-278 \$36,585 6/20/05 - 12/16/05

FREED, TALI Task #7: Market Planning Projects, Promodel Simulation of Thermal Products, and Final Vacuum Bake

RAYTHEON COMPANY

04-203 \$10,000 4/1/04 - 12/30/04

FREED, TALI Modeling of the Beyond Horizon Team Concept

U.S. DEPT OF THE NAVY

04-262 \$20,000 5/1/04 - 8/31/04

PI TITILE
CO-PI AGENCY
PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Industrial & Manufacturing Engineering

Industrial & Manufacturing	Engineering			
FREED, TALI	Task #8: Flexible Manufacturing Development for Production Tea RAYTHEON COMPANY 04-266	am \$20,000	4/1/02 - 12/30/04	
FREED, TALI	Process Analysis and Animated Simulation of RPC Life Cycle ORBIS CONTAINER SERVICE 05-015	\$10,000	5/15/05 - 12/15/05	
FREED, TALI	Analysis and Simulation of Produce Cooling and Storage Proces TANIMURA & ANTLE			
	05-267	\$10,000	5/1/05 - 8/31/05	
PAN, JIANBIAO	GOALI and Collaborative Research: An Experimental Investigati Free Solder Joints Reliability NATIONAL SCIENCE FOUNDATION		-	
	05-065	\$213,572	6/1/05 - 5/31/08	
PAN, JIANBIAO	Effect of Component Finish and PCB Surface Finish on Lead-Free Solder Joint Quality SOCIETY OF MANUFACTURING ENGINEERS EDUCATION FOUNDATION			
	05-155	\$14,994	7/1/05 - 6/30/06	
WALDORF, DANIEL ALPTEKIN, SEMA	Innovations in Manufacturing Engineering Education NATIONAL SCIENCE FOUNDATION			
	04-288	\$64,000	1/1/05 - 12/31/05	
WALDORF, DANIEL	Faster Machining of High-Temperature Alloys NATIONAL SCIENCE FOUNDATION VIA GENIUS METALS 05-142	\$30,930	8/1/05 - 1/31/06	
WALDORF, DANIEL	RUI: Investigation of Binder Effect on Steel-Cutting Carbide Tool NATIONAL SCIENCE FOUNDATION 05-177	s \$129,998	8/1/05 - 7/31/06	
Materials Engineering				
CHEN, KATHERINE C.	Strain Effects on the Heat Treatment of NiTi Alloys NITINOL DEVICES & COMPONENTS			
	04-192	\$12,500	1/1/05 - 12/31/05	
CHEN, KATHERINE C.	Metastable Phases of NiTi During Heat Treatments NITINOL DEVICES & COMPONENTS 05-151	\$7,500	6/1/05 - 12/31/05	
SAVAGE, RICHARD	Micro Systems for Exploring the Nano Technology World NATIONAL SCIENCE FOUNDATION (CCLI)	Ψ1,000		
	05-248	\$124,143	4/1/06 - 3/31/07	
VANASUPA, LINDA HARRIS, JAMES	The Integration of Sustainability into the Engineering Curricula U.S. ENVIRONMENTAL PROTECTION AGENCY	¢240.000	1/1/05 - 12/31/06	
VANASUPA, LINDA CHEN, KATHERINE C.	04-278 Triple Bottom Line Awareness in Design NATIONAL SCIENCE FOUNDATION	\$349,998	1, 1/00 - 12/01/00	
	04-279	\$399,083	1/1/05 - 12/31/07	
VANASUPA, LINDA	Triple Bottom Line Awareness in Design (TriAD): Diversifying th century	e engineering p	profession of the 21st	
CHEN, KATHERINE C.	NATIONAL SCIENCE FOUNDATION (DLR) 05-156	\$999,982	1/1/06 - 12/31/08	

TITILE ы **AGENCY** CO-PI

PROPOSAL # **AMOUNT REQUESTED PROJECT DATES**

Materials Engineering

VANASUPA, LINDA NUE: Nanotechnology, Human Biology, Ethics and Society: Narrowing the nanotech literacy gap and

strengthening students' ability to think critically

NATIONAL SCIENCE FOUNDATION CHEN, KATHERINE C.

> 05-166 \$199,994 1/1/06 - 12/31/07

Mechanical Engineering

Optimal Thrust Vectoring for an Annular Aerospike Nozzle **CARPENTER, THOMAS**

NASA STTR VIA ROLLING HILLS RESEARCH CORP.

\$60,000 05-053 1/1/05 - 12/31/05

DELAGRAMMATIKAS. Gas Analysis Equipment for Detection and Speciation of Gasoline, Diesel, and HCCI

GEORGE

Exhaust BIRDSONG, CHARLES U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH (DURIP)

5/1/05 - 4/30/06 \$204,670

DELAGRAMMATIKAS,

GEORGE

Development of a Center of Excellence for Graduate Studies in Advanced Automotive Technologies at

California Polytechnic State University in San Luis Obispo

KEAN, ANDREW U.S. DEPT OF ENERGY

> 1/1/06 - 12/31/09 \$687,982

A Continuum Model of Cartilage Growth Biomechanics KLISCH, STEPHEN M.

NATIONAL INSTITUTES OF HEALTH

05-262 \$202,500 6/1/06 - 5/31/09

MADDREN, JESSE **Liquid Cooling for Data Center Electronics**

CISCO SYSTEMS

PASCUAL. CA ENERGY COMMISSION

CHRISTOPHER 4/1/05 - 3/31/06

\$74,687

MADDREN, JESSE Next Generation Router System Cooling Design, Analysis and Testing

PASCUAL,

CHRISTOPHER 5/1/05 - 4/30/06

> 05-240 \$90,959

NIKU, SAEED Force Feedback Control for Visually Impaired Wheelchair Users

AMERICAN HONDA MOTOR CO.

\$50,000 1/1/06 - 12/31/06

NIKU, SAEED **Economical, Fuel-Efficient, Personal Transportation Solutions**

DELAGRAMMATIKAS.

AMERICAN HONDA MOTOR CO. **GEORGE**

1/1/06 - 12/31/06

05-246 \$50,000

NIKU, SAEED Mechatronics Educational Modules for Junior High and High School Teachers and University Students

NATIONAL SCIENCE FOUNDATION (CCLI) LOCASCIO, JAMES

> 1/1/06 - 12/31/08 \$90.534 05-250

Speaking with Hands: Development of an Electro-Polymeric Artificial-Muscle-Actuated Hand for **NIKU, SAEED**

Communication with Deaf-Blind Individuals NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA)

7/1/05 - 6/30/07 05-255 \$17,483

Juice Equipment Dispenser PATTON, J. SCOTT

OWEN, FRANK JUICE EQUIPMENT

> 8/15/04 - 1/15/05 04-164 \$30,000

PI TITILE AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Mechanical Engineering

SCHUSTER, PETER Survey of Pedestrian-Friendly Bumper Designs

AMERICAN IRON AND STEEL INSTITUTE

05-007 \$7,567 8/1/04 - 12/31/04

SCHUSTER, PETER Equipment for High Strain-Rate Characterization of Materials

GRIFFIN, LANNY U.S. DEPT OF THE ARMY, ARMY RESEARCH OFFICE, DURIP

05-059 \$352,000 5/1/05 - 4/30/06

SCHUSTER, PETER Development of Crash Energy Management Performance Requirements for Light-Rail

WIDMANN, JAMES TRANSPORTATION RESEARCH BOARD TRANSIT COOPERATIVE RESEARCH PROGRAM

05-253 \$299,121 8/15/05 - 12/15/06

SCHUSTER, PETER Integrating a Bi-Static Radar into a Vehicle Frontal Pre-Crash Sensing System

BIRDSONG, CHARLES NATIONAL SCIENCE FOUNDATION VIA BGM ENGINEERING, INC.

05-286 \$59,699 1/1/06 - 12/31/06

SHOLLENBERGER, KIM Collimator Design

SANDIA NATIONAL LABORATORIES CORPORATION

05-099 \$2,000 10/8/04 - 11/21/04

SHOLLENBERGER, KIM Development of Foundation Materials for Uncertainty Analysis in Engineering Education

THORNCROFT, GLEN E. NATIONAL SCIENCE FOUNDATION (CCLI-EMD)

05-265 \$112,885 2/1/06 - 1/31/08

SHOLLENBERGER, KIM In-Situ MEMS Combustion Sensors for Feedback Control of Fossil Fuel Fired Boilers

KEAN, ANDREW NATIONAL SCIENCE FOUNDATION VIA LOCATION DYNAMIX, INC.

05-288 \$53,939 1/1/06 - 12/31/06

Minority Engineering Program

CANTU, DAVID NSF / MESA CSEMS Grant Program

NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT -

MESA

9/15/03 - 8/31/07

05-126 \$56,250

CANTU, DAVID Mesa Schools Program 2005-2006

UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA

05-225 \$80,000 7/1/05 - 6/30/06

Liberal Arts

Cal Poly Arts

WILT, PETER Artists in Schools Program 2005

SAN LUIS OBISPO COUNTY

05-081 \$4,000 10/1/04 - 3/31/05

WILT, PETER Poly Arts for Youth (05/06)

SAN LUIS OBISPO, CITY OF (PCC)

05-185 \$3,000 7/1/05 - 6/30/06

WILT, PETER California Arts Council Youth Education in the Arts

CA ARTS COUNCIL YOUTH EDUCATION IN THE ARTS 2005

05-203 \$5,000 7/1/05 - 12/31/05

PI CO-PI	TITILE AGENCY PROPOSAL #	MOUNT REQUESTED	PROJECT DATES
		WOONT REGOLOTED	TROOLOT DATE
Cal Poly Arts			
WILT, PETER	Kennedy Center on Tour NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWE		
WILT, PETER	05-231 Theatre Sans Fils	\$2,500	9/1/05 - 8/31/06
	NATIONAL ENDOWMENT FOR THE ARTS VIA TOURWE 05-232	\$2,500	9/1/05 - 8/31/06
Graphic Communications			
COOPER, KEVIN MACRO, KEN	Lean Manufacturing Study for the Commercial Print Inc GRAPHIC ARTS EDUCATION AND RESEARCH FOUNDA 05-216	-	1/1/06 - 12/31/07
OSMOND, PENNY	GAERF Graphic Arts Teachers Update Workshop GRAPHIC ARTS EDUCATION AND RESEARCH FOUNDA		11.1700 12701701
	05-283	\$14,237	1/1/06 - 6/30/06
<u>Liberal Studies</u>			
DUFFY, SUSAN FRIEND, KATHLEEN	Arts Education in San Luis Obispo County Schools JAMES IRVINE FOUNDATION 04-243	\$50,522	11/1/04 - 10/31/06
DUFFY, SUSAN FRIEND, KATHLEEN	Arts Education in San Luis Obispo County Schools JOSEPH DROWN FOUNDATION 04-253	\$5,750	9/15/04 - 9/14/05
DUFFY, SUSAN FRIEND, KATHLEEN	Central Coast Center for Arts Education PAUL NEWMAN COMMON GOOD FOUNDATION		
DUFFY, SUSAN FRIEND, KATHLEEN	04-282 Arts Education in San Luis Obispo County Schools UNION BANK OF CALIFORNIA FOUNDATION	\$67,474	1/1/05 - 12/31/05
DUFFY, SUSAN	05-010 Creating a Web-based Visual Arts & Language Arts Cui	\$6,750	9/1/04 - 8/31/05
DOTT I, GODAN	SBC FOUNDATION 05-011	\$23,490	12/1/04 - 11/30/05
DUFFY, SUSAN	Arts Education in San Luis Obispo County Schools HEWLETT FOUNDATION (WILLIAM & FLORA) 05-017	\$225,000	11/1/04 - 10/31/07
DUFFY, SUSAN FRIEND, KATHLEEN	Arts Education for Adolescents in San Luis Obispo Cou SURDNA FOUNDATION		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DIJEEV CIJEAN	05-018	\$175,775	2/1/05 - 1/31/07
DUFFY, SUSAN FRIEND, KATHLEEN	Arts Education in San Luis Obispo County Schools AMERICAN HONDA FOUNDATION 05-022	\$50,000	11/1/04 - 11/1/06
DUFFY, SUSAN	Arts Education for K-6 Students in San Luis Obispo Co Schools	unty and Northern Santa	Barbara County
FRIEND, KATHLEEN	PACIFIC GAS & ELECTRIC COMPANY 05-050	\$23,252	1/1/05 - 12/31/05

PI TITILE AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Liberal Studies

DUFFY, SUSAN Illuminating Shadows: Introducing the Art of Shadow Puppetry to a New Generation

FRIEND, KATHLEEN THE BLAKEMORE FOUNDATION

05-103 \$5,002 12/1/04 - 12/31/05

DUFFY, SUSAN Creating an Integrated Arts Curriculum Model in County Court & Community Schools: A Collaborative

Project to Change Teaching Methods, and Increase Achievement of Students "At Risk"

FRIEND, KATHLEEN U.S. DEPT OF EDUCATION (FIPSE)

05-113 \$503,409 7/1/05 - 6/30/08

DUFFY, SUSAN Central Coast Center for Arts Education Services

SAN LUIS OBISPO COUNTY OFFICE OF EDUCATION

05-141 \$3,420 10/8/04 - 6/30/05

DUFFY, SUSAN Arts Education & Curriculum Development in San Luis Obispo County Schools

FRIEND, KATHLEEN SONY FOUNDATION

05-163 \$64,900 7/1/05 - 6/30/06

DUFFY, SUSAN Development of Web-based Interactive Visual Arts Curriculum in California Rural Schools

FRIEND, KATHLEEN NATIONAL EDUCATION ASSOCIATION FOUNDATION

05-170 \$5,000 7/1/05 - 6/30/06

DUFFY, SUSAN Creation of Science, Art, and Math Integration "SAMI" Project - A Collaboration between Cal Poly

State University and San Luis Coastal Unified School District

CICHOWSKI, ROBERT CA DEPT OF EDUCATION VIA SAN LUIS COASTAL UNIFIED SCHOOL DISTRICT

05-171 \$50,655 2/28/05 - 10/31/06

DUFFY, SUSAN K-12 Arts Education in San Luis Obispo County

FRIEND, KATHLEEN CA ARTS COUNCIL

05-187 \$5,000 6/1/05 - 12/31/05

DUFFY, SUSAN Influences of American Labor in Literature, Oratory and Art in the First Three Decades of the 20th

Century

DUFFY, BERNARD NATIONAL ENDOWMENT FOR THE HUMANITIES

05-211 \$75,512 10/1/05 - 9/30/06

DUFFY, SUSAN Reaching the Rural Community Through Family Art Nights

FRIEND, KATHLEEN NATIONAL ENDOWMENT FOR THE ARTS

05-223 \$10,000 1/1/06 - 6/30/06

DUFFY, SUSAN The Bayer Artists as Scientists/Scientists as Artists Schools Project

FRIEND, KATHLEEN BAYER FOUNDATION

05-227 \$6,750 8/1/05 - 7/31/06

DUFFY, SUSAN Environmental Literacy: Advocacy and Education Through an Integrated Curriculum

NOAA OFFICE OF EDUCATION AND SUSTAINABLE DEVELOPMENT

05-269 \$443,042 10/1/05 - 9/30/08

Philosophy

LLOYD-MOFFETT, STEVE Difficult Dialogues: Promoting Pluralism and Academic Freedom on Campus

FORD FOUNDATION

05-271 \$100,000 1/1/06 - 12/31/08

TITILE ы **AGENCY** CO-PI PROPOSAL# **AMOUNT REQUESTED**

Political Science

SHEPHERD, LINDA The Human Bombers: Family Myths and Cultural Foundations of Suicide Terrorism in the Israeli-

Palestinian Conflict

UNITED STATES INSTITUTE OF PEACE

05-204 \$78,240 10/1/05 - 9/30/07

Psychology & Child Development

Promoting Health in People With Disabilities Through Adapted Physical Activity Programs **BURN, SHAWN**

ROBERT WOOD JOHNSON FOUNDATION

9/1/05 - 8/31/07 05-260 \$241,503

Science & Mathematics

Biological Sciences

HIMELBLAU, EDWARD **Functional Genomics of Plant Polyploids**

NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF WASHINGTON

05-192 \$189,574 9/1/05 - 8/31/06

HIMELBLAU, EDWARD **Development of a Model System for Teaching Genetics**

NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF WISCONSIN

\$48,570 10/1/05 - 9/30/07

HOLLAND, V. L. Master Agreement Task 11: C8 Restoration

UNOCAL CORPORATION

05-041 \$27.105 9/1/04 - 8/31/05

KITTS, CHRISTOPHER L

Master Agreement Task #16: General Microbiology support for Unocal Projects NELSON, YARROW M. **UNOCAL CORPORATION**

9/1/04 - 8/31/05 05-037 \$153.817

KITTS, CHRISTOPHER L Master Agreement Task 14: Microbial Community Dynamics During Phytoremediation at C8 and O13

UNOCAL CORPORATION

9/1/04 - 8/31/05 05-039 \$22.320

KITTS, CHRISTOPHER L Master Agreement Task #15: The Effect of Lupine and Willow Roots in Groundwater on Nearby and

Down Gradient Bacterial Communities

UNOCAL CORPORATION

05-044 \$13.753 9/1/04 - 8/31/05

CAREER: Investigating the Physiological, Ecological and Evolutionary significance of Plant Genome KNIGHT, CHARLES

Variation

NATIONAL SCIENCE FOUNDATION (CAREER PROGRAM)

\$733,957 6/1/05 - 5/31/10

KNIGHT, CHARLES **DNA Content Effects on Developmental Processes in Crop Plants**

U.S. DEPT OF AGRICULTURE (CSREES) - NRI

6/1/05 - 5/31/08 05-154 \$399,756

MOLINE, MARK The Southern California Coastal Current Observing System (Radar Component)

CA STATE COASTAL CONSERVANCY, VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY

10/1/04 - 9/30/07 04-229 \$82,075

MOLINE, MARK The Southern California Coastal Current Observing System (Transition Component)

CA STATE COASTAL CONSERVANCY, VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY

10/1/04 - 9/30/06 04-230 \$113,914

PROJECT DATES

PI TITILE
CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Biological Sciences

MOLINE, MARK A Coastal Ocean Circulation Monitoring Program for Northern and Central California

CA STATE COASTAL CONSERVANCY, VIA SAN FRANCISCO STATE UNIVERSITY

04-251 \$3,250,770 11/15/04 - 3/15/09

MOLINE, MARK BIOPS: A Bioluminescence and Inherent Optical Properties Sensor for Bulk-Phase Biological

Assessment

WET LABS, INC.

05-101 \$288,788 2/1/05 - 1/31/08

MOLINE, MARK Equipment Purchase for the Coastal Ocean Circulation Monitoring Program for Northern and Central

California

CA STATE COASTAL CONSERVANCY, VIA SAN FRANCISCO STATE UNIVERSITY

05-284 \$2,654,438 11/15/04 - 3/15/09

NAKAMURA, ROYDEN

WENDT, DEAN PACIFIC STATES

A Collaborative Analysis of the Commercial Trap Fishery for Cabezon of the Central California Coast

PACIFIC STATES MARINE FISHERIES COMMISSION

05-051 \$199,818 10/1/04 - 9/30/05

NAKAMURA, ROYDEN

A Collaborative Comparative Study of the Commercial Trap Fishery for Cabezon in Two Locations
With Differential Fishing Pressure

WENDT, DEAN CA DEPT OF FISH AND GAME VIA THE PACIFIC STATES MARINE FISHERIES COMMISSION

05-201 \$166,658 4/1/05 - 6/30/06

PILLIOD, DAVID Field Sampling of Movements of Columbia Spotted Frogs in the Bighorn Crags, Idaho (Originally:

Monitoring Amphibians in Idaho on U.S. Forest Lands: The Importance of Landscape Connectivity for

Amphibian Conservation)
U.S. GEOLOGICAL SURVEY

05-169 \$98.119 7/1/05 - 6/30/08

RITTER, MATTHEW Enhancements to the Plant Conservatory at California Polytechnic State University

STANLEY SMITH HORTICULTURAL TRUST

05-046 \$16,000 1/1/05 - 12/31/05

STEINMAUS, SCOTT Impacts of Exotic Phreatophyte Management on the Invasiveness of Perennial Pepperweed and

Russian Knapweed

CENTER FOR INVASIVE PLANT MANAGEMENT VIA NEW MEXICO STATE UNIVERSITY

05-221 \$2,970 5/1/05 - 9/30/06

VILLABLANCA, FRANCIS MOU #6 (CalTrans): Environmental Technical Studies

CA DEPT OF TRANSPORTATION (CALTRANS) VIA CSU TRUSTEES

04-269 \$104,008 2/15/05 - 6/30/05

VILLABLANCA, FRANCIS Population Genetic Survey of Morro Shoulderband Snail Subspecies

U.S. FISH AND WILDLIFE SERVICE VIA CA DEPARTMENT OF FISH AND GAME

05-119 \$29,985 1/1/05 - 12/31/05

VILLABLANCA, FRANCIS Morphological and Genetic Divergence of Morro Bay Kangaroo Rat

U.S. FISH AND WILDLIFE SERVICE VIA CA DEPARTMENT OF FISH AND GAME

05-230 \$62,182 3/30/05 - 6/30/05

WENDT, DEAN Elucidating the Nexus of Science and Society in the Morro Bay Ecosystem

DAVID AND LUCILE PACKARD FOUNDATION - ECOSYSTEM-BASED MANAGEMENT REGIONAL INITIATIVES 3/1/05 - 6/30/05

05-182 \$45.239

WENDT, DEAN Investigations on Physiological Tolerance and Community Impacts of Invasive Species in the Morro

Bay Estuary (California)
CA SEA GRANT PROGRAM

05-261 \$168.676 3/1/06 - 2/28/09

PI TITILE

CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Biological Sciences

WENDT, DEAN Elucidating the Nexus of Science and Society in the Morro Bay Ecosystem

DAVID AND LUCILE PACKARD FOUNDATION - ECOSYSTEM-BASED MANAGEMENT REGIONAL INITIATIVES 1/1/06 - 12/31/08

05-281 \$3,308,762

YOSHIMURA, MICHAEL Effects of Prescribed Fire on Stream Ecosystems

U.S. GEOLOGICAL SURVEY

04-289 \$18,308 6/29/04 - 12/31/06

Chemistry and BioChemistry

BERBER-JIMENEZ, M. Central Coast Science Project 2004-2005

DOLORES

UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT)

05-084 \$50,000 9/1/04 - 9/30/05

FERNANDO, RAYMOND Surface Quality Testing of Gel Coat Nonatomizing Applications

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

04-287 \$15,000 7/1/04 - 12/31/04

FERNANDO, RAYMOND Flex Products Security Paste Ink Testing

JDS UNIPHASE CORPORATION / FLEX PRODUCTS, INC.

05-109 \$10,000 10/5/04 - 12/31/04

FERNANDO, RAYMOND Impact of TiO2 on Gloss in Waterborne Coatings

KERR-MCGEE CORPORATION

05-152 \$20,000 1/1/05 - 6/30/05

IMMOOS, CHAD E. Transition Metal and Metal Oxide Containing Polymers as Reactive Coatings for CW Agent

Degradation

U.S. DEPT OF THE ARMY, ARMY RESEARCH OFFICE, DURIP

05-062 \$95,600 5/1/05 - 4/30/06

IMMOOS, CHAD E. Electrochemical-Time-of-Flight to Monitor Biomolecule Diffusion in Membranes

RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS)

05-134 \$34,384 7/1/05 - 6/30/07

IMMOOS, CHAD E. Reagentless Methods for Electrocatalytic DNA Detection

U.S. DEPT OF THE ARMY, ARMY RESEARCH OFFICE, YOUNG INVESTIGATORS PROGRAM

05-242 \$148,952 10/1/05 - 9/30/08

JONES, DANE Development of an Improved Analysis Method for Architectural Coatings

CA AIR RESOURCES BOARD

05-175 \$242,337 6/1/05 - 5/31/08

KANTOROWSKI, ERIC Development of a Radical Precursor/Chiral Auxiliary Strategy for Asymmetric Cyclizations

RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS)

05-133 \$37,220 9/1/05 - 8/31/07

NEFF, GRACE ANN Central Coast Science Project 2005-2008

RETSEK, JENNIFER UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - CALIFORNIA SCIENCE PROJECT

05-234 \$50,000 9/1/04 - 9/30/05

<u>Kinesiology</u>

PUHL, SUSAN Physical Fitness Community Partnership

TRIACTIVE AMERICA

05-009 \$21,464 7/1/04 - 6/30/05

PI TITILE
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PROPOSAL# AMOUNT REQUESTED PROJECT DATES

Kinesiology

SUTLIFF, MICHAEL The PEP Up Project

U.S. DEPT OF EDUCATION VIA SAN LUIS OBISPO COUNTY OFFICE OF EDUCATION

04-205 \$84,428 10/1/04 - 9/30/07

Mathematics

BASOR, ESTELLE RUI: Asymptotics of Determinants of Perturbations of Convolution Operators

NATIONAL SCIENCE FOUNDATION (RUI)

05-093 \$113,041 7/1/05 - 6/30/08

GRUNDMEIER, TODD Relating Mathematical Problem Posing to Mathematics Teacher's Practice

U.S. DEPT OF EDUCATION - INSTITUTE OF EDUCATION SCIENCES

05-135 \$426,014 9/1/05 - 8/31/08

GRUNDMEIER, TODDMEDINA, ELSA

D Robert Noyce Scholarship Program

NATIONAL SCIENCE FOUNDATION

05-233 \$493,372 7/1/06 - 6/30/10

MENDES, ANTHONY RUI: New Uses of Symmetric Function Theory in Combinatorics and Representation Theory

NATIONAL SCIENCE FOUNDATION (RUI)

05-079 \$81,344 6/1/05 - 5/31/08

Physics

BENSKY, THOMAS Continuous In-Water and Atmospheric LIDAR in the Littoral Zone

MOLINE, MARK U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH (DURIP)

05-063 \$210,020 5/1/05 - 4/30/06

SCHWARTZ, PETER Molecular Transport from an Atomic Force Microscope Tip: The Basic Science Behind Dip-Pen

Nanolithography

PETROLEUM RESEARCH FUND (AMERICAN CHEMICAL SOCIETY)

05-061 \$35,000 6/1/05 - 5/31/07

SCHWARTZ, PETER Three-Dimensional Self-Assembly Using DNA Linkage: Construction of Tetrahedral Photonic

Bandgap Crystal

RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS)

05-138 \$40,270 7/1/05 - 6/30/07

SCHWARTZ, PETER Molecular Transport from an Atomic Force Microscope Tip: The Basic Science Behind Dip-Pen

Nanolithography

PETROLEUM RESEARCH FUND (AMERICAN CHEMICAL SOCIETY)

05-149 \$50,000 6/1/05 - 8/31/08

SCHWARTZ, PETER Acquisition of Atomic Force Microscope for Shared University Use

NATIONAL SCIENCE FOUNDATION (MRI)

05-183 \$240,489 7/1/05 - 6/30/06

Statistics

MCGAUGHEY, KAREN A New Nonparametric procedure for Testing Variances

NATIONAL SCIENCE FOUNDATION

05-026 \$72,359 1/1/05 - 12/31/05

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PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Student Affairs

Student Academic Services

MARGARITO, CESAR Student Support Services Program (2005- 2010)

DIPASQUALE, JEANNINE U.S. DEPT OF EDUCATION

9/1/05 - 8/31/10 05-021 \$1,462,006

Student Affairs

DECOSTA, JEAN Cal Poly Alcohol and Traffic Safety Project

CA OFFICE OF TRAFFIC SAFETY (OTS) VIA CSU FRESNO

05-107 \$50.000 1/1/05 - 12/31/07

Student Life & Leadership

BRUCE, LISA K. Cal Poly Open House 2006

SAN LUIS OBISPO, CITY OF

05-224 \$2,350 7/1/05 - 6/30/06

LAMB, STEPHAN AmeriCorps*VISTA (Volunteers In Service To America) - Part B

CORPORATION FOR NATIONAL AND COMMUNITY SERVICE

04-280 \$0 1/1/05 - 12/31/06

LAMB, STEPHAN Partners in Progress: Towards a Civically Engaged California - "Change the Status Quo: A Student's

Role in Shaping Society"

CA CAMPUS COMPACT VIA CSU FRESNO

05-179 \$1,600 3/15/05 - 6/15/05

Other

International Education & Programs

ANDRE, BARBARA Holistic Approach to Cross-Culture Adaptation

ETS/TOEFL PARTNERS IN EXCELLENCE

05-094 \$2,500 9/1/04 - 6/30/05

Library

HILL, THEODORE P. Limit Theorems for Significant Digits, Random Distributions and Probability Transforms

DAVIS, HIRAM NATIONAL SECURITY AGENCY

05-272 \$18,305 7/1/05 - 6/30/06

LOE, NANCY Julia Morgan Architectural Archives Project

NATIONAL ENDOWMENT FOR THE HUMANITIES

04-241 \$293,193 5/1/05 - 4/30/07

SOMERVILLE, MARY Advancing Learning Communities in the Digital Teaching Library

CHU, HELEN INSTITUTE OF MUSEUM AND LIBRARY SERVICES

05-173 \$239,978 10/1/05 - 9/30/07

PI TITILE

CO-PI AGENCY

PROPOSAL # AMOUNT REQUESTED PROJECT DATES

Performing Arts Center

REGIER, RON Youth Outreach for the Performing Arts Center (YOPAC)

SAN LUIS OBISPO, CITY OF (PCC)

05-219 \$2,500 7/1/05 - 6/30/06

REGIER, RON Youth Outreach for the Performing Arts Center (YOPAC)

SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION

05-220 \$1,000 7/1/05 - 6/30/06

REGIER, RON Youth Outreach for the Performing Arts Center (YOPAC)

METLIFE FOUNDATION

05-241 \$2,500 7/1/05 - 6/30/06

President's Office

BAKER, WARREN NSF Director's Award for Distinguished Teaching Scholars Nomination

NATIONAL SCIENCE FOUNDATION

05-112 \$0 4/1/05 - 3/31/06

Research & Graduate Programs

OPAVA, SUSAN California Central Coast Research Partnership: Building Relationships, Partnerships and Paradigms

for University-Industry Research Collaboration

U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH

05-146 \$2,000,000 12/9/04 - 12/10/09

OPAVA, SUSAN California Central Coast Research Partnership: Building Relationships, Partnerships and Paradigms

for University-Industry Research Collaboration

U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH

05-235 \$3,257,000 6/15/05 - 6/14/06

University Police Department

AEILTS, ANTHONY Seat Belt Compliance Campaign (SBCC)

JORDAN, DONNA CA OFFICE OF TRAFFIC SAFETY (OTS)

05-143 \$3,427 1/1/05 - 8/31/05

JORDAN, DONNA Homeland Security Grant Program for 2004-05

CA OFFICE OF HOMELAND SECURITY, OFFICE OF EMERGENCY SERVICES

05-020 \$25,000 7/1/04 - 6/30/05

JORDAN, DONNA Bulletproof Vest Partnership 2005-06

AEILTS, ANTHONY U.S. DEPT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS VIA CA OFFICE OF EMERGENCY SERVICES

05-172 \$2,181 7/1/05 - 6/30/06

JORDAN, DONNA Homeland Security Grant Program for 2005-06

AEILTS, ANTHONY CA OFFICE OF HOMELAND SECURITY, OFFICE OF EMERGENCY SERVICES VIA CSU CHANCELLOR'S

OFFICE 7/1/05 - 6/30/06

05-196 \$25,000

GRAND TOTALS: 289 Proposals \$54,075,652