

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Agriculture, Food & Env Sciences</u>			
<u>Agribusiness</u>			
NOEL, JAY AHERN, JAMES	An Economic Feasibility Analysis of Forming A California Wheat Growers Marketing Cooperative U.S. DEPT OF AGRICULTURE (RBS) VIA UNIVERSITY OF CALIFORNIA, DAVIS 01-100	\$24,060	6/1/00 - 9/30/01
<u>Agricultural Education</u>			
CASEY, GLEN	San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2000-2001) CA DEPT OF EDUCATION 01-029	\$14,960	7/15/00 - 7/14/01
CASEY, GLEN	California Curriculum Guide for Agricultural Literacy and Awareness CA DEPT OF EDUCATION 01-082	\$222,000	12/1/00 - 4/30/02
<u>Animal Science</u>			
BECKETT, JONATHON	Effect of Varying Start Dates of Growth-Promoting Implants on Growth Performance, Carcass Characteristics and Meat Tenderness in Holstein Steers CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 00-187	\$35,750	1/1/00 - 9/30/01
BECKETT, JONATHON MARK, WALTER	Efficacy of Pour-on Dewormers Differing in Active Ingredient and Carrier on Weight Gain and Fecal Egg Count in Stocker Cattle CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-004	\$40,522	1/1/01 - 3/30/02
BECKETT, JONATHON	Effect of Varying Start Dates of Growth-Promoting Implants on Growth Performance, Carcass Characteristics and Meat Tenderness in Holstein Steers INTERVET, INC. 01-019	\$17,950	1/1/00 - 9/30/01
BECKETT, JONATHON	Effect of Varying Start Dates of Growth-Promoting Implants on Growth Performance, Carcass Characteristics and Meat Tenderness in Holstein Steers NATIONAL CATTLEMEN'S BEEF ASSOCIATION 01-067	\$15,250	1/1/00 - 9/30/01
PLUMMER, WILLIAM	Analysis of Platelet Activating Factor in the Gravid Reproductive Tracts of Swine CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-010	\$14,734	7/1/00 - 6/30/02
THULIN, ANDREW	Drug Distribution in Swine Cardiovascular Tissue After Systematic Administration of Novel Photosensitizer Drugs MIRAVANT MEDICAL TECHNOLOGIES 01-061	\$16,325	9/1/00 - 12/31/00
<u>BioResource and Agricultural Engineering</u>			
BURT, CHARLES	Partnership Framework for Identification, Review & Analysis of Water Conservation/Mgmt Projects U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 01-023	\$4,500	5/1/00 - 12/31/00
BURT, CHARLES STYLES, STUART	New 5-Year Technical Assistance Program to Water Districts (1999 - 2004): Modification # 2 U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 01-025	\$35,000	8/1/00 - 12/31/00

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BioResource and Agricultural Engineering			
BURT, CHARLES	Review of Petition to Transfer Conserved Water (Imperial Irrigation District to San Diego County Water Authority)		
STYLES, STUART	CA STATE WATER RESOURCES CONTROL BOARD		
	01-058	\$86,318	9/15/00 - 12/31/01
BURT, CHARLES	Partnership Framework for Identification, Review & Analysis of Water Conservation/Mgmt Projects		
	U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION		
	01-063	\$68,000	9/1/00 - 9/30/02
BURT, CHARLES	Improved Procedures for Tuning Controllers for Automatic Downstream Water Level Control of Canals		
	U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION		
	01-078	\$38,972	11/1/00 - 12/31/01
BURT, CHARLES	Degree-Day Basal Crop Coefficients		
	U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION		
	01-079	\$49,986	11/1/00 - 9/30/01
BURT, CHARLES	Salinity Under Drip Irrigation		
	U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION		
	01-080	\$170,448	1/1/01 - 9/30/02
BURT, CHARLES	Benchmarking of Dams		
	U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION		
	01-088	\$200,000	10/16/00 - 9/30/01
BURT, CHARLES	Irrigation Evaluation Short Courses		
STYLES, STUART	CA DEPT OF WATER RESOURCES		
	01-157	\$72,000	7/1/01 - 6/30/04
BURT, CHARLES	Agricultural Electricity Load Reduction Program		
STYLES, STUART	CA ENERGY COMMISSION		
	01-183	\$7,000,000	5/21/01 - 3/31/04
BURT, CHARLES	Drip Irrigation Salinity		
	CA DEPT OF WATER RESOURCES		
	01-198	\$105,596	7/1/01 - 6/30/03
STROHMAN, ROLLIN	Learning Anytime Anywhere Partnership for Precision Agriculture		
	U.S. DEPT OF EDUCATION (FIPSE)		
	01-199	\$862,434	9/1/01 - 8/31/04
STROHMAN, ROLLIN	Educational Materials for Geographic Information System (GIS)		
GILL, SAMANTHA	NATIONAL SCIENCE FOUNDATION (CCLI)		
	01-277	\$499,800	1/1/02 - 12/31/03
STYLES, STUART	New Electronic Technologies-Volumetric Metering of Delivered Water: Magnetic, Doppler, Vortex Shedding & Ultrasonic Flow Measurement		
BURT, CHARLES	CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE		
	01-001	\$57,932	7/1/00 - 6/30/03
STYLES, STUART	Technical Assistance Program to Water Districts, 2000-2001		
	U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION		
	01-050	\$300,000	10/1/00 - 9/30/01
STYLES, STUART	SCADA (Supervisory Control and Data Acquisition) Classes for AWMC Member Districts		
BURT, CHARLES	CA DEPT OF WATER RESOURCES		
	01-153	\$10,000	2/1/01 - 5/30/01

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<u>BioResource and Agricultural Engineering</u>			
WALKER, ROBERT	Update of the Landscape Water Management (LWM) Program U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 00-300	\$79,800	8/1/00 - 9/30/01
WILLIAMS, DOUGLAS GOERS, JOHN	Optimization of a New Biotechnology for the Commercial Production of Ethanol from Biomass WESTERN REGIONAL BIOMASS ENERGY PROGRAM 01-155	\$74,999	7/1/01 - 6/30/02
WILLIAMS, DOUGLAS	Spiral Spin Charging Carbonization Enhancement Applied to a Digester Gas Fueled Engine CA AIR RESOURCES BOARD 01-176	\$32,000	10/1/01 - 3/31/02
WILLIAMS, DOUGLAS GOERS, JOHN	Optimization of a Biotechnology for the Commercial Production of Ethanol from Biomass U.S. DEPT OF AGRICULTURE (CSREES-IFAFS) 01-201	\$962,830	10/1/01 - 9/30/04
<u>College of Agriculture</u>			
MARK, WALTER WONG, JEFFREY C.	Development of Pitch Canker Resistant Stock of Monterey Pine, Ano Nuevo Stand CA DEPT OF FORESTRY 00-279	\$26,669	7/1/00 - 6/30/01
MARK, WALTER DIETTERICK, BRIAN	Lower Scotts and Queseria Creeks Riparian Restoration Project in Southern Coho Stream CA DEPT OF FISH AND GAME 01-043	\$73,697	10/1/00 - 9/30/02
MARK, WALTER	Sudden Oak Death Distribution and Detection U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 01-274	\$76,000	6/1/01 - 6/30/02
SHELTON, MARK	Agricultural Research Initiative Administration CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-096	\$70,000	7/1/00 - 6/30/01
WEHNER, DAVID J FLORES, ROBERT A.	Multicultural Agricultural Scholars Program at Cal Poly U.S. DEPT OF AGRICULTURE (CSREES) 01-022	\$90,000	9/1/00 - 8/31/05
WEHNER, DAVID J	MESA Agriculture Initiative Program 2001-2002 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-222	\$88,576	7/1/01 - 6/30/02
<u>Dairy Products Technology Center</u>			
FARKYE, NANA	Development of Smoked Cheeses for Cal Poly Creamery CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-005	\$20,000	7/1/00 - 6/30/01
FARKYE, NANA	Studies on the Manufacture of Sharp Cheddar Cheese in California CA DAIRY RESEARCH FOUNDATION 01-090	\$637,125	1/1/01 - 12/31/03
JIMENEZ-FLORES, RAFAEL SANDERS, MARY ELLEN	Mucinase Activity of Probiotic Bacteria CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 00-191	\$54,050	9/1/00 - 8/31/02

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Dairy Products Technology Center</u>			
JIMENEZ-FLORES, RAFAEL	Genetic Polymorphism of Milk Properties: Effects of Process Heating on Milk Powder Properties CA DAIRY RESEARCH FOUNDATION 00-281	\$54,394	10/1/00 - 9/30/01
JIMENEZ-FLORES, RAFAEL	Sensory Properties of Buttermilk and Their Relation to Processing and Storage Parameters CA DAIRY RESEARCH FOUNDATION 01-017	\$106,773	1/1/01 - 12/31/02
JIMENEZ-FLORES, RAFAEL	Application of Membrane Technology for Fractionation of Buttermilk CA DAIRY RESEARCH FOUNDATION 01-018	\$87,480	1/1/01 - 12/31/02
JIMENEZ-FLORES, RAFAEL	Isolation Phospholipids from Buttermilk and Anti-Cancer Activity DAIRY MANAGEMENT, INC. / NATIONAL DAIRY COUNCIL 01-021	\$233,466	1/1/01 - 12/31/02
JIMENEZ-FLORES, RAFAEL ELROD, SUSAN	C-RUI: Genetic Engineering and Characterization of Bovine Beta-caseins Expressed in Fungal Systems NATIONAL SCIENCE FOUNDATION (C-RUI) 01-132	\$665,949	9/1/01 - 8/31/04
SANDERS, MARY ELLEN TONG, PHILLIP	Evaluation of Factors Influencing Cell Count of Probiotic Bacteria CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-011	\$21,700	7/1/00 - 6/30/02
SANDERS, MARY ELLEN TONG, PHILLIP	Evaluation of Factors Influencing Cell Count of Probiotic Bacteria CA DAIRY RESEARCH FOUNDATION 01-070	\$11,718	1/1/01 - 12/31/01
TONG, PHILLIP	Technical Information Handouts for SMP CA DAIRY RESEARCH FOUNDATION 00-188	\$5,500	1/1/00 - 12/31/00
TONG, PHILLIP	Lactose Free, Calcium Fortified Milk Powder - Physical Properties, Composition and Applications CA DAIRY RESEARCH FOUNDATION 00-239	\$35,640	1/1/00 - 12/31/00
TONG, PHILLIP	Prototypes Using Dairy Ingredients CA DAIRY RESEARCH FOUNDATION 00-286	\$13,306	1/1/00 - 12/31/00
TONG, PHILLIP	Selected Adjunct Culture of Lactobacilli to Improve Cheese Quality & Their Significant Role as Debitterase Agents U.S. - EGYPT SCIENCE & TECHNOLOGY JOINT FUND 01-060	\$25,000	1/15/01 - 1/14/03
TONG, PHILLIP	Cheese Manufacturing Short Course I & II CA CHEESE RESEARCH & EDUCATION FUND 01-076	\$7,500	1/1/00 - 12/31/00
TONG, PHILLIP	Dairy Ingredients Applications Program 2001 CA DAIRY RESEARCH FOUNDATION 01-158	\$144,342	1/1/01 - 12/31/01
TONG, PHILLIP	Stability of Skim Milk Proteins in Heated Acidic Beverages CA DAIRY RESEARCH FOUNDATION 01-167	\$89,100	1/1/01 - 12/31/01

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<u>Dairy Science</u>			
REIF, GARY	Training Student Interns to Judge Milk and Cottage Cheese Quality (2001) CA MILK ADVISORY BOARD 01-192	\$9,598	1/1/01 - 12/31/01
<u>Earth & Soil Sciences</u>			
MOODY, LYNN	Paired Watershed Monitoring for Water Quality and Sustainable Range Management, Morro Bay Watershed, California		
BECKETT, JONATHON	CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 00-195	\$50,068	11/1/00 - 6/30/02
MOODY, LYNN	Non-Point Source Pollution and Treatment Measure Evaluation for the Morro Bay Watershed CA REGIONAL WATER QUALITY CONTROL BOARD 01-047	\$50,000	12/1/00 - 9/30/02
<u>Food Science & Nutrition</u>			
HAMPSON, BRIAN	Development of a Food Safety Minor CA DEPT OF FOOD AND AGRICULTURE 01-024	\$10,000	6/16/00 - 12/31/01
HAMPSON, BRIAN	Aqueous Ozone for Pathogen Reduction and Cross-Contamination Prevention U.S. DEPT OF AGRICULTURE (CSREES) - NRI 01-135	\$137,160	7/1/01 - 6/30/03
HAMPSON, BRIAN	Novel Sanitization Methods for Safer Fresh Produce U.S. DEPT OF AGRICULTURE (CSREES-NIFSI) VIA OHIO STATE UNIVERSITY 01-256	\$50,000	10/1/01 - 9/30/04
MONTECALVO, JOSEPH	Comparative Microbiological Evaluation of Organically-grown and Conventionally Grown Fresh Lettuce CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-009	\$14,995	11/1/00 - 12/31/01
NEUHAUS, THOMAS	Influence of Mood on Food Choice Using Food Typicalities as the Dependent Variable CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-013	\$4,000	7/1/00 - 6/30/01
PEDERSEN, MARY BERNER, LOUISE	The BABES Project SAN LUIS OBISPO COUNTY 01-093	\$54,777	1/1/01 - 12/31/02
<u>Horticulture & Crop Science</u>			
COSTELLO, MICHAEL J	Cultural Practices for Integrating Arthropod Pest Management w/ Improvements in Grape & Wine Quality		
PATTERSON, W. KEITH	AMERICAN VINEYARD FOUNDATION 01-163	\$59,994	2/1/01 - 3/1/04
COSTELLO, MICHAEL J	Integrating Soil, Water and Vine Fertility Management to Optimize Arthropod Pest Management and Improve Grape & Wine Quality		
PATTERSON, W. KEITH	CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-254	\$30,479	4/1/00 - 6/30/01
HANNINGS, DAVID W	Uses of Processed Willow Trees CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-008	\$6,090	7/1/00 - 6/30/02

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<u>Horticulture & Crop Science</u>			
HEADRICK, DAVID	Bionomics and Spatial Distribution of the olive fruit fly <i>Bactrocera oleae</i> CA DEPT OF FOOD AND AGRICULTURE 01-208	\$83,945	7/1/01 - 6/30/04
PHILLIPS, JOHN	Sustainable Agriculture Resources Center W. K. KELLOGG FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 01-134	\$25,000	2/1/01 - 1/31/03
STEINMAUS, SCOTT	Invasive Plant Management Project CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-012	\$11,085	7/1/00 - 6/30/01
STEINMAUS, SCOTT	Selected Noxious Weeds of SLO County - Field ID Guide CA DEPT OF FOOD AND AGRICULTURE 01-101	\$3,400	7/1/00 - 6/30/01
STEINMAUS, SCOTT	Identifying Environmental Variables that Influence the Severity of Pierce's Disease and Glassy-winged Sharpshooter COSTELLO, MICHAEL J U.S. DEPT OF AGRICULTURE (CSREES) - NRI 01-137	\$245,640	7/1/01 - 6/30/03
WALTER, VIRGINIA	Silicon Additive in Culture Solution of Hydroponically Grown Roses CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-003	\$67,883	7/1/00 - 6/30/02
WALTER, VIRGINIA	Seasonal Solarization Effects on Weed Population and Plant Pathogen Suppression in Non-Fumigated Soils HANSEN TRUST VIA UNIVERSITY OF CALIFORNIA 01-228	\$12,000	7/1/01 - 12/31/02
<u>MESA Agricultural Initiative</u>			
HARRISON, BRET WEHNER, DAVID J	MESA Agriculture Initiative Program Initial Year - 2000-2001 UNIVERSITY OF CALIFORNIA, BERKELEY - MESA 01-053	\$82,926	7/1/00 - 6/30/01
<u>Natural Resource Management</u>			
DIETTERICK, BRIAN MARK, WALTER	Long-term Water Quality, Geomorphic, and Habitat Evaluation of a California Mountain Stream Following Selection Timber Harvesting CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-002	\$95,770	7/1/00 - 6/30/03
DIETTERICK, BRIAN	Student Interns for Fire Management Planning - Utilizing Technology SAN LUIS OBISPO COUNTY FIRE DEPARTMENT 01-069	\$10,000	9/1/00 - 9/15/01
DIETTERICK, BRIAN MARK, WALTER	Little Creek and Caspar Creek Studies U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 01-102	\$177,000	1/1/00 - 12/31/05
DIETTERICK, BRIAN MARK, WALTER	McIntire-Stennis - Geomorphic and Habitat Evaluation Following Selection Timber Harvesting U.S. DEPT OF AGRICULTURE (CSREES) 01-215	\$18,500	10/1/00 - 8/15/01
DIETTERICK, BRIAN MARK, WALTER	Water Quality and Geomorphic Evaluation Following Selection Timber Harvesting U.S. DEPT OF AGRICULTURE (CSREES) 01-255	\$474,908	10/1/01 - 9/30/04

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<u>Natural Resource Management</u>			
DIETTERICK, BRIAN MARK, WALTER	Lower Scotts and Queseria Creeks Channel and Habitat Restoration U.S. DEPT OF AGRICULTURE (CSREES) 01-258	\$279,753	10/1/01 - 9/30/04
GILL, SAMANTHA PILLSBURY, NORMAN	Developing an Uneven-Aged Growth and Yield Model for the Coast Redwood Forest Type CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-006	\$44,961	7/1/00 - 6/30/03
GILL, SAMANTHA	McIntire-Stennis - Spatial Patterns in Managed Jeffrey Pine-Mixed Conifer Forests of San Bernardino Mountains U.S. DEPT OF AGRICULTURE (CSREES) 01-210	\$1,000	10/1/00 - 8/31/01
GILL, SAMANTHA	McIntire-Stennis - Fire History & Forest Structure in Jeffrey Pine-Mixed Conifer Forests U.S. DEPT OF AGRICULTURE (CSREES) 01-211	\$1,000	10/1/00 - 8/31/01
GILL, SAMANTHA PILLSBURY, NORMAN	McIntire-Stennis - Establishing an Uneven-aged Growth and Yield Project at Swanton Pacific Ranch U.S. DEPT OF AGRICULTURE (CSREES) 01-212	\$18,080	10/1/00 - 8/31/01
GILL, SAMANTHA PIIRTO, DOUGLAS	McIntire-Stennis - Develop & Test Accuracy of Redwood & Douglas Fir Volume Equations for Swanton Pacific U.S. DEPT OF AGRICULTURE (CSREES) 01-214	\$16,940	10/1/00 - 8/15/01
GILL, SAMANTHA	McIntire-Stennis - Forest Structure in Unmanaged Mixed Conifer Forests U.S. DEPT OF AGRICULTURE (CSREES) 01-216	\$8,000	10/1/00 - 8/31/01
HENDRICK, FRANK T.	McIntire-Stennis - The Relationship of Recreation Activity to the Leisure and Environmental Ethics of Forest Visitors U.S. DEPT OF AGRICULTURE (CSREES) 01-257	\$4,608	10/1/00 - 8/15/01
HENDRICKS, WILLIAM	Recreational and Management Preferences Survey: Data Collection on the Los Padres National Forest U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 01-051	\$5,142	9/5/00 - 12/31/00
HENDRICKS, WILLIAM SHANK, CAROLYN	The Economic Impact of Visitors to Morro Bay State Park on Local Communities CA DEPT OF PARKS & RECREATION 01-077	\$34,524	2/1/00 - 6/30/03
HENDRICKS, WILLIAM	Visitor Perceptions of Impacts of Management of Fireprone Ecosystems on Recreation U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 01-227	\$17,000	4/1/01 - 7/31/02
PILLSBURY, NORMAN JEN, JOSEPH	McIntire-Stennis Forestry Research Program (2000-2001) U.S. DEPT OF AGRICULTURE (CSREES) 01-209	\$20,359	10/1/00 - 9/30/01
PILLSBURY, NORMAN GILL, SAMANTHA	McIntire-Stennis - Application of Urban Tree Volume Equations to Community Forests U.S. DEPT OF AGRICULTURE (CSREES) 01-213	\$8,824	10/1/00 - 8/31/01
PILLSBURY, NORMAN MARK, WALTER	Long-Term Growth, Sudden Oak Death Assessment and Economic Viability of Coast Live Oak in 3 California Counties U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 01-275	\$49,896	7/9/01 - 6/30/04

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<u>Natural Resource Management</u>			
THOMPSON, RICHARD	Development of Product Quality Criteria and Market Website for California Urban Solidwood Materials CA DEPT OF FORESTRY 01-072	\$50,000	7/1/00 - 6/30/03
VILKITIS, JAMES	Conservation - Natural, Cultural & Environmental Impact Analysis Support Services for Vandenberg AFB E. G. & G. TECHNICAL SERVICES, INC. 01-016	\$350,000	8/15/00 - 9/30/01
VILKITIS, JAMES	Brizzolara Creek Riparian Improvement Project (HR-Planting & Fencing) CA DEPT OF FISH AND GAME 01-038	\$25,180	10/1/00 - 9/30/01
VILKITIS, JAMES	Brizzolara Creek Habitat Improvement Project (HP - Fish Passage Improvement) CA DEPT OF FISH AND GAME 01-039	\$3,041	10/1/00 - 9/30/01
VILKITIS, JAMES	Brizzolara Creek Upslope Improvement Project (HU - Gravel Mine) CA DEPT OF FISH AND GAME 01-040	\$38,128	10/1/00 - 9/30/01
VILKITIS, JAMES	Brizzolara Creek Watershed Assessment Project (AS) CA DEPT OF FISH AND GAME 01-041	\$67,983	10/1/00 - 3/31/02
VILKITIS, JAMES	Cal Poly Pollution Abatement Wetland Documentary PACIFIC GAS & ELECTRIC COMPANY 01-113	\$62,316	3/30/01 - 3/29/02
VILKITIS, JAMES	Brizzolara Creek Upslope Improvement Project (HU - Gravel Mine) CA DEPT OF FISH AND GAME 01-251	\$45,372	4/1/02 - 3/31/03
VILKITIS, JAMES	Brizzolara Creek Riparian Improvement Project (HR-Planting & Fencing) CA DEPT OF FISH AND GAME 01-252	\$29,186	10/1/01 - 9/30/02
VILKITIS, JAMES	Protecting & Enhancing Water Quality at Cal Poly, San Luis Obispo CA REGIONAL WATER QUALITY CONTROL BOARD 01-300	\$129,702	7/1/02 - 12/31/03

Architecture & Env Design

Architecture

LAKEMAN, SANDRA	Sardinia, the Spirit of an Ancient Island (The Art and Architecture of the Prehistoric and Nuragic Civilizations) GRAHAM FOUNDATION 01-298	\$20,000	1/1/02 - 12/31/04
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-026	\$247,609	8/1/00 - 12/31/00

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<u>Architecture</u>			
POHL, JENS	Collaborative Decision-Support Systems Workshop U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 01-071	\$53,000	1/1/01 - 12/31/01
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-075	\$99,738	9/26/00 - 12/31/00
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-118	\$83,925	10/30/00 - 12/31/00
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-120	\$727,487	1/1/01 - 9/30/01
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-125	\$679,418	12/16/00 - 9/30/01
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-144	\$119,774	1/19/01 - 7/19/01
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-145	\$889,852	1/16/01 - 6/15/01
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-236	\$119,389	4/19/01 - 9/18/01
POHL, JENS	Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES) U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 01-299	\$1,094,449	6/16/01 - 12/30/01
STANNARD, SANDRA	Light + Architecture: The Fundamentals of Architectural Lighting Design NUCKOLLS FUND FOR LIGHTING EDUCATION, INC. 01-171	\$5,000	8/1/01 - 7/31/02
<u>City & Regional Planning</u>			
DAY, LINDA	Intrasystem Education Excellence Transfer For a Technology-Enhanced Applied City Planning Curriculum U.S. DEPT OF EDUCATION (FIPSE) 01-156	\$433,516	10/1/01 - 9/30/04
HOWARD, ZELJKA PAVLOVICH	East Grand Avenue Design Study: City of Arroyo Grande, CA CITY OF ARROYO GRANDE 01-240	\$2,800	4/2/01 - 6/30/01

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>City & Regional Planning</u>			
LEE, RICHARD W.	Sustainable Transportation Measures and Indicators SAN JOSE STATE UNIVERSITY - MINETA INSTITUTE FOR SURFACE TRANSPORTATION POLICY STUDIES 01-221	\$50,000	7/1/01 - 6/30/02
SIEMBIEDA, WILLIAM	Choosing a Paradigm for Disaster Recovery CENTER FOR DISASTER MANAGEMENT AND HUMANITARIAN ASSISTANCE 01-141	\$143,052	6/15/01 - 6/14/02
SIEMBIEDA, WILLIAM	Community Development Work Study Program (CDWSP) U.S. DEPT OF HOUSING AND URBAN DEVELOPMENT (CDWSP) 01-142	\$88,800	8/1/01 - 8/31/03
<u>Construction Management</u>			
JACKSON, BARBARA	The State of Design-Build Education at American Universities DESIGN-BUILD EDUCATION & RESEARCH FOUNDATION 01-064	\$5,000	9/15/00 - 10/31/01
Business			
<u>Global Strategy & Law</u>			
LITUCHY, TERRI	International: Environmental and Human Resource Issues of Foreign Firms in Mexico NATIONAL SCIENCE FOUNDATION 01-238	\$87,140	5/1/02 - 4/30/04
Education			
<u>Education</u>			
CHIN, ELAINE FLOYD, BARRY	Predicting the Graduation Rate and Initial Employment of Teachers Prepared Through Alternative Certification Programs U.S. DEPT OF EDUCATION 01-059	\$1,022,105	4/2/01 - 3/31/04
HERTER, ROBERTA BROWN, CARL	Central Coast Writing Project 2001-2002 UNIVERSITY OF CALIFORNIA, BERKELEY - CALIFORNIA WRITING PROJECT 01-154	\$160,000	5/1/01 - 6/30/02
HERTER, ROBERTA DURAN, DAVID	First Teachers: Family Literacy Learning CA DEPT OF EDUCATION 01-207	\$72,470	7/1/01 - 6/30/04
KING, RITA	Guadalupe/Cal Poly Bilingual Teacher Education Project (2000-2001) CA DEPT OF EDUCATION VIA GUADALUPE UNIFIED SCHOOL DISTRICT 01-031	\$48,000	7/1/00 - 6/30/01
KONOPAK, BONNIE MORRISON, KENT	Improving the Mathematics Subject-Matter Preparation of Elementary School Teachers NATIONAL SCIENCE FOUNDATION VIA AMERICAN ASSOC. OF STATE COLLEGES & UNIVERSITIES (AASCU) 01-128	\$4,000	1/1/01 - 6/30/02

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Education</u>			
KONOPAK, BONNIE	Developing a Teacher Education Program for Rural, Migrant Students: A Joint University/Community College Initiative U.S. DEPT OF EDUCATION (FIPSE) 01-160	\$396,630	10/1/01 - 9/30/04
<u>Engineering</u>			
<u>Aerospace Engineering</u>			
DETURRIS, DIANNE	Subsonic Glideback Rocket Demonstrator Flight Testing NASA - LANGLEY RESEARCH CENTER 01-034	\$24,000	9/1/00 - 8/31/01
DETURRIS, DIANNE	StarBooster Demonstrator Cluster Configuration Analysis/Verification Program NASA - LANGLEY RESEARCH CENTER 01-244	\$49,951	9/1/01 - 8/31/02
HALL, DAVID W.	Vertical and Short Takeoff and Landing Concepts BOEING COMPANY, THE 01-106	\$20,000	7/1/00 - 6/30/01
HALL, DAVID W.	Personal Air Vehicle Exploration (PAVE) NASA - LANGLEY RESEARCH CENTER 01-224	\$49,996	5/1/01 - 11/30/01
HALL, DAVID W.	Support for Advanced Aircraft Design Courses - AY 2001-2002 NORTHROP GRUMMAN CORPORATION 01-235	\$30,000	9/1/01 - 8/31/02
HALL, DAVID W.	Runway Independent Short Takeoff and Landing (RI/STOL) Regional Jet Project NASA - AMES RESEARCH CENTER 01-242	\$49,997	1/1/01 - 11/30/01
PUIG-SUARI, JORDI TURNER, CLARK	CubeSat Spacecraft and Development and Launcher System STANFORD UNIVERSITY 01-119	\$0	11/13/00 -
PUIG-SUARI, JORDI	Survey and Analysis of Post-Mission Disposal Techniques for Low Earth Orbit Spacecraft CSU FOUNDATION 01-185	\$5,000	1/1/01 - 8/31/01
PUIG-SUARI, JORDI TURNER, CLARK	Multidisciplinary Space Technology Education at CalPoly CA TECHNOLOGY, TRADE AND COMMERCE AGENCY 01-188	\$198,344	6/30/01 - 6/30/03
<u>ARDFA</u>			
GERFEN, JEFFREY	TMC to FOT Trailer and MTMC Communications System - California ATMS Test-Bed Operational Phase UNIVERSITY OF CALIFORNIA, IRVINE 01-087	\$432,431	10/15/00 - 6/30/01

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Civil & Environmental Engineering</u>			
DENATALE, JAY	Cal/OSHA Training Course on Field Classification of Soils for the Assessment of Excavation and Trench Safety		
FIEGEL, GREGG	CA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION 01-124	\$10,607	3/15/01 - 6/30/01
HOCKADAY, STEPHEN	Assessment of Future Options for the US Air Transport System		
	BOEING COMPANY, THE 01-165	\$95,306	4/1/01 - 3/31/02
KACHLAKEV, DAMIAN I.	Construction Specifications for Bonded Repair and Retrofit of Concrete Structures Using FRP Composites		
GOEL, RAKESH	TRANSPORTATION RESEARCH BOARD NATIONAL RESEARCH COUNCIL 01-057	\$181,377	2/1/01 - 2/1/03
KACHLAKEV, DAMIAN I.	Development of an Integrated, Comprehensive Residential Housing Construction Methodology, Utilizing Lightweight Concrete		
	NATIONAL SCIENCE FOUNDATION 01-219	\$149,998	9/1/01 - 8/31/03
NELSON, YARROW M.	Biological vs. abiotic mechanisms of Mn oxidation in soils and oxide reactivity		
KITTS, CHRISTOPHER L	U.S. DEPT OF AGRICULTURE (NRICGP) VIA UNIV. OF VERMONT 01-104	\$71,239	7/1/01 - 6/30/03
NELSON, YARROW M.	Biocomplexity: An integrated approach to the understanding of microbial biofilms		
	NATIONAL SCIENCE FOUNDATION VIA CORNELL UNIVERSITY 01-202	\$232,650	9/1/01 - 8/31/06
<u>College of Engineering</u>			
WALSH, DANIEL	A Program of Excellence in Biomedical Engineering at Cal Poly		
	WHITAKER FOUNDATION 01-042	\$999,032	1/1/01 - 12/31/03
WALSH, DANIEL	A Program For Excellence in Biomedical Engineering at Cal Poly		
	WHITAKER FOUNDATION 01-218	\$991,200	6/1/02 - 5/31/05
WALSH, DANIEL	MAGLEV Master Agreement		
	LOCKHEED MARTIN 01-246	\$0	7/11/01 - 7/11/02
<u>Computer Engineering</u>			
MACCARLEY, C. ARTHUR	Assistance to Caltrans for Assessment of Communications Needs and Solutions for Southern Districts		
	PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 01-126	\$280,280	7/1/01 - 6/30/03
MACCARLEY, C. ARTHUR	Vehicle Re-identification Using Single Loop Detector and Video Data		
	PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 01-164	\$110,805	7/1/01 - 6/30/02

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Computer Science</u>			
KEARNS, TIM	Computer Security Technology Products Market Research MEDIASNAP 01-179	\$10,999	3/15/01 - 7/1/01
MELDAL, SIGURD	Static Analysis Tool Project - Initial Phase COMPAQ 01-027	\$20,000	9/1/00 - 8/31/01
MELDAL, SIGURD LEE, PETER	International: 1st Bilateral Scandinavia/U.S.A. Workshop on Engineering Education and Research NATIONAL SCIENCE FOUNDATION 01-178	\$33,299	6/1/01 - 5/31/02
SMITH, HUGH	Maximization of Network Performance 3COM 01-302	\$173,803	6/12/01 - 6/12/02
<u>Electrical Engineering</u>			
BRAUN, DAVID LLOYD, MATT	Improved Efficiency Polymer/Oxide Heterojunction Solar Cells MATERIALS RESEARCH SOCIETY 01-091	\$750	11/30/00 - 3/31/01
HARRIS, JAMES	Maximization of Network Performance 3COM 00-268	\$173,826	7/6/00 - 7/5/01
SAGHRI, JOHN A.	Space Based Cloud Detection CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-107	\$10,000	1/1/01 - 12/31/01
SAGHRI, JOHN A.	Bandwidth Compression of Remotely-Sensed Imagery Data CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-108	\$10,000	1/1/01 - 12/31/01
SAGHRI, JOHN A.	Feature-prioritized Lossy Bandwidth Compression for Remotely Sensed Imagery Data NAVAL RESEARCH LABORATORY (NRL) 01-129	\$214,205	1/1/02 - 12/31/03
TAUFIK,	A Combined PWM-Resonant Inverter Circuit CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-115	\$10,000	4/1/01 - 12/10/01
TAUFIK, SHABAN, ALI	Development of a Modern Power Electronics Lab for Undergraduate Power Engineering Curriculum Enhancement NATIONAL SCIENCE FOUNDATION (CCLI) 01-282	\$98,413	1/1/02 - 12/31/03
YU, XIAO-HUA (HELEN)	Steering Mirror Servo Control CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-110	\$9,976	1/1/01 - 12/31/01
YU, XIAO-HUA (HELEN)	Fault Trees Expressed as Markov Chains CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-111	\$10,000	1/1/01 - 12/31/01

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Industrial & Manufacturing Engineering</u>			
ALPTEKIN, SEMA	Regional Center for Manufacturing Education NATIONAL SCIENCE FOUNDATION 01-089	\$1,933,704	1/1/01 - 12/31/03
BALASUBRAMANIAN, K. N.	PCBA Process Control Implementation at Contract Manufacturers to Cisco Systems CISCO SYSTEMS 00-288	\$184,826	6/16/00 - 6/15/01
COLVIN, KURT	Using Simulation Modeling to Assist the Service Function LAM RESEARCH CORP 01-065	\$10,000	11/1/00 - 3/31/01
COLVIN, KURT	TRW Photonics Module Processing and Equipment Research TRW 01-105	\$30,000	12/1/00 - 6/30/01
COOPER, MARK MCFARLAND, M. LEE	Flextronics - Cal Poly Web Site Development FLEXTRONICS 01-295	\$39,963	7/1/01 - 9/30/01
MENON, UNNY POURAGHABAGHER, REZA	Collision Parts Fit Test Feasibility Study - Phase I TOYOTA MOTOR SALES USA 01-139	\$30,094	2/15/01 - 6/30/01
WALDORF, DANIEL	Research and Course Lab Integration: Stability of Machining Processes (SME Research Initiation - 2001) SOCIETY OF MANUFACTURING ENGINEERS EDUCATION FOUNDATION 01-148	\$14,815	5/24/01 - 5/23/02
<u>Materials Engineering</u>			
CHEN, KATHERINE C.	CAREER: Characterization and Development of Intermetallic Alloys NATIONAL SCIENCE FOUNDATION (CAREER PROGRAM) 01-015	\$375,000	7/1/01 - 6/30/06
CHEN, KATHERINE C.	Structure-Property Relationships of Plastic Packaging in Plastic Encapsulated Microcircuits (PEMs) for Space Application CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-112	\$10,000	1/1/01 - 12/31/01
GRIFFIN, LANNY	Experimental Investigation of the fracture properties of Haversian bone at the microstructural level. U.S. DEPT OF DEFENSE 01-245	\$0	6/20/01 - 6/19/04
NIEBUHR, DAVID V.	Investigation of UV degradation of Adhesives OLYMPUS INTEGRATED TECHNOLOGIES AMERICA, INC. 01-014	\$5,000	6/12/00 - 9/8/00
NIEBUHR, DAVID V.	Characterize Material Differences of Samples of 316L Stainless Steel Tubing VALEX CORPORATION 01-174	\$5,000	2/20/01 - 12/31/01
VANASUPA, LINDA MOODY, LYNN	Acquisition of Scanning Electron Microscope with Electron Backscatter Diffraction System for Research and Education NATIONAL SCIENCE FOUNDATION 01-122	\$309,229	8/1/01 - 7/31/04

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Materials Engineering</u>			
VANASUPA, LINDA	Valex Tubing Research VALEX CORPORATION 01-267	\$3,000	4/25/01 - 12/31/01
<u>Mechanical Engineering</u>			
CARPENTER, THOMAS	Ejector Research for Rocket-Based Combined-Cycle Engines NASA - MARSHALL SPACE FLIGHT CENTER 01-133	\$98,054	6/1/01 - 5/31/02
DAVOL, ANDREW	RUI: Characterization of the Compression Behavior of Concrete Filled Fiber Reinforced Shells Designed for Flexural Applications NATIONAL SCIENCE FOUNDATION (RUI) 01-033	\$49,858	9/1/01 - 8/31/02
HIGGINS, BRIAN	Ultra-Lean, Low-NOx, Whirl Enhanced, Industrial Burner CA ENERGY COMMISSION VIA SAN DIEGO STATE UNIVERSITY FOUNDATION 01-098	\$74,878	7/1/00 - 6/30/01
MEAGHER, JAMES M	Master Agreement between Cal Poly Foundation and RPM Predictive Engineering Inc. RPM AND PREDICTIVE ENGINEERING INC. 01-247	\$0	4/23/01 - 4/22/04
MEAGHER, JAMES M	Torsional Short Circuit Load Peak Stress Detector RPM AND PREDICTIVE ENGINEERING INC. IS THE PRIME CONTRACTOR FOR THE NASA PROGRAM 01-288	\$34,977	12/1/01 - 11/30/02
MOUSTAFA, SAFWAT M	The Solar Powered Bicycle Program SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-159	\$40,689	12/1/01 - 12/1/02
MOUSTAFA, SAFWAT M	The Solar Powered Bicycle Program SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-265	\$42,760	1/1/02 - 12/31/02
NIKU, SAEED	Measuring a Distance Between Parallel Plates in an Isolated Environment TEREDYNE, INC. 01-084	\$2,997	10/1/00 - 3/31/01
NIKU, SAEED	Mechatronics Educational Modules for Undergraduate Engineering Students and Junior High and High School Teachers. NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 01-234	\$63,094	1/1/02 - 12/31/04
THORNCROFT, GLEN E.	Development and Testing of an Automatic Shut-Off System for Water Heaters, PHASE 1 HEATERGUARD INTERNATIONAL, LLC 01-085	\$10,013	11/1/00 - 5/31/01
<u>Minority Engineering Program</u>			
CANTU, DAVID	Scholarships for CC-MEP Transfer Students UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-116	\$19,200	2/15/00 - 1/31/02
CANTU, DAVID	MESA Engineering Program (MEP) Center- Caltrans Recruiting UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-187	\$7,159	2/1/01 - 1/31/02

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Minority Engineering Program</u>			
CANTU, DAVID LEE, PETER	MESA Schools Program 2001-2002 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-233	\$75,000	7/1/01 - 8/31/02
CANTU, DAVID	Mesa Minority Engineering Program 2001-2002 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-241	\$72,114	7/1/01 - 8/31/02
<u>Liberal Arts</u>			
<u>Cal Poly Arts</u>			
HOSKINS, RALPH	California Arts Council Organizational Support Program CA ARTS COUNCIL 01-166	\$86,697	11/1/01 - 10/31/03
HOSKINS, RALPH	Poly Arts for Youth 2001 SAN LUIS OBISPO, CITY OF 01-193	\$3,500	7/1/01 - 6/30/02
WILT, PETER	Stone Soup Ethnic Music Faire SAN LUIS OBISPO COUNTY 01-028	\$4,000	11/21/00 - 11/20/01
WILT, PETER	California Arts Council Touring and Presenting Program 2001-2002 CA ARTS COUNCIL TOURING AND PRESENTING PROGRAM 01-194	\$20,100	7/1/01 - 6/30/02
WILT, PETER	WESTAF TourWest Program 2001-02 Season WESTERN STATES ART FEDERATION 01-195	\$5,000	9/1/01 - 8/31/02
<u>College of Liberal Arts</u>			
HELLENBRAND, HAROLD LEVISON, ROBERT	Proposition 36 Evaluation Implementation Plan - Year 1 CA DEPT OF ALCOHOL AND DRUG PROGRAMS 01-230	\$599,000	1/1/01 - 12/31/01
<u>Graphic Communications</u>			
APFELBERG, HERSCHEL	Statistical Sampling Program #3 & 4 TIME, INC. 01-044	\$23,000	9/1/00 - 11/30/00
APFELBERG, HERSCHEL RUGGLES, PHILIP	Statistical Sampling Program TIME, INC. 01-225	\$46,000	5/1/01 - 11/30/01
MOTT, W STEPHEN	Paper MottleTesting Project for Ris Paper Company RIS PAPER COMPANY 01-048	\$814	8/23/00 - 9/30/00

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Liberal Studies</u>			
DUFFY, SUSAN	Arts and Teacher Education - Comprehensive Approach to the Arts NATIONAL ENDOWMENT FOR THE ARTS 01-032	\$20,000	7/1/01 - 6/30/02
DUFFY, SUSAN	The Cal Poly Arts in Education Program, 2001-2002 CA ARTS COUNCIL 01-095	\$150,000	2/1/01 - 6/30/02
FRIEND, KATHLEEN	The Central Coast Arts Project UNIVERSITY OF CALIFORNIA 01-052	\$64,627	10/15/00 - 6/30/01
FRIEND, KATHLEEN DUFFY, SUSAN	The Central Coast Arts Project UNIVERSITY OF CALIFORNIA 01-150	\$165,370	5/1/01 - 6/30/02
<u>Modern Languages</u>			
TACHIBANA, YOSHIKO	Support Program for Japanese-Language Courses JAPAN FOUNDATION 01-117	\$12,299	9/1/01 - 6/30/02
<u>Psychology & Child Development</u>			
LAVER, GARY	Adult Aging and the Speed of Word Recognition Processes NATIONAL INSTITUTES OF HEALTH - AREA 01-131	\$134,983	7/1/02 - 6/30/04
<u>Social Sciences</u>			
JONES, TERRY	Archaeological Investigation CA PUBLIC UTILITIES COMMISSION 00-202	\$38,541	7/1/00 - 9/15/01
JONES, TERRY MORITZ, MAX	Spatial Analysis of Prehistoric Settlement Patterns at Fort Hunter Liggitt Military Installation FORT HUNTER LIGGETT 00-301	\$14,705	10/1/00 - 9/30/01
JONES, TERRY	2000-2001 Archaeological Field School Site Evaluation Fort Hunter Liggitt, Monterey County, California U.S. GENERAL SERVICES ADMINISTRATION 01-217	\$52,223	6/1/01 - 5/31/02
JONES, TERRY	San Simeon District Archaeological Site Project CA DEPT OF PARKS & RECREATION 01-297	\$16,437	6/19/01 - 5/31/03
MORITZ, MAX	Highly Optimized Tolerance and Complex Systems Dynamics: Natural Fire Regimes and Human Management of Landscapes NATIONAL SCIENCE FOUNDATION 01-186	\$99,778	1/1/02 - 12/31/03

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Science & Mathematics</u>			
<u>Biological Sciences</u>			
CANO, RAUL	Sponsored Research and License Agreement RHODIA INC. VIA NORTH CAROLINA STATE UNIVERSITY 01-068	\$0	9/15/00 -
CANO, RAUL	Sequencing of L. Acidophilus Genome RHODIA INC. VIA NORTH CAROLINA STATE UNIVERSITY 01-097	\$211,962	9/6/00 - 9/6/02
DE JONG, ALVIN	Computer-Based Data-Acquisition Equipment for Physiology NATIONAL SCIENCE FOUNDATION 01-266	\$56,165	1/1/02 - 12/31/03
KEIL, DAVID	Chorro Creek Bog Thistle (CCBT) Monitoring Program CA ARMY NATIONAL GUARD 01-049	\$20,000	11/8/00 - 9/30/01
KITTS, CHRISTOPHER L ELROD, SUSAN	Molecular Probes for N-and C-Cycling in Soils UNIVERSITY OF CALIFORNIA - LOS ALAMOS NATIONAL LABORATORY 01-239	\$74,914	6/1/01 - 9/3/02
MOLINE, MARK	Distributed detection and adaptive 3-D mapping of harmful algal blooms incorporating autonomous underwater vehicles U.S. ENVIRONMENTAL PROTECTION AGENCY 01-151	\$196,251	10/1/01 - 9/30/03
MOLINE, MARK BLACKWELL, SHELLEY	Dynamic Small-Scale Structure and Remote Sensing in the Coastal Ocean NASA 01-175	\$22,000	9/1/01 - 8/31/02
MOLINE, MARK	Construction of a Seawater System for California Polytechnic State University's Marine Education and Research Center NATIONAL SCIENCE FOUNDATION 01-205	\$201,965	11/20/01 - 11/19/04
MOLINE, MARK	SBI: Bio-optical Observations of Surface Waters and Sea Ice to Determine Particulate and Dissolved Organic Carbon Dynamics NATIONAL SCIENCE FOUNDATION VIA BIGELOW LABORATORIES FOR OCEAN SCIENCE 01-259	\$320,759	1/1/02 - 12/31/06
NAKAMURA, ROYDEN VILLABLANCA, FRANCIS	Population Genetic Structure of Cabezon in the California Commercial Live-Fish Fishery NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION 01-237	\$93,411	10/15/01 - 3/15/02
NAKAMURA, ROYDEN VILLABLANCA, FRANCIS	Population Genetic Structure of the Commercially Important Cabezon Based on Multiple Loci CA SEA GRANT PROGRAM (FISHERIES) 01-262	\$121,121	3/1/02 - 2/29/04
STEINMAUS, SCOTT	Memorandum of Understanding - San Luis Obispo County Weed Management Area SAN LUIS OBISPO COUNTY DEPARTMENT OF AGRICULTURE 01-083		10/1/00 - 9/30/05
VILLABLANCA, FRANCIS	Conservation Genetics of the Salt-Marsh Harvest Mouse (Reithrodontomys raviventris) THE GREAT VALLEY CENTER 01-162	\$10,184	5/1/01 - 4/30/02

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Biological Sciences</u>			
VILLABLANCA, FRANCIS	Bioinformatics Throughout the Curriculum NATIONAL SCIENCE FOUNDATION VIA SONOMA STATE UNIVERSITY 01-294	\$56,456	1/1/02 - 12/31/04
<u>Chemistry and BioChemistry</u>			
BERBER-JIMENEZ, M. DOLORES	The San Luis Obispo Science Project 2001-2002 UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT) 01-161	\$165,000	7/1/01 - 6/30/02
BERBER-JIMENEZ, M. DOLORES	Central Coast Science Project - Mini Grants 2001 UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT) 01-177	\$44,000	2/1/01 - 6/30/01
BERBER-JIMENEZ, M. DOLORES	California Science Standards: Framing Science Instruction UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT) 01-189	\$7,667	10/1/00 - 3/31/01
CENSULLO, ALBERT	Correlation between Solids Content and Hiding as it Relates to Calculation of VOC Content in Architectural Coatings CA AIR RESOURCES BOARD 01-296	\$99,932	8/1/01 - 11/30/02
HILL, CRAIG	Bioconjugation For Intraneuronal Compounds XAVOS CORPORATION 01-062	\$18,958	10/30/00 - 1/31/01
JONES, DANE WILLS, MAX	Phosphorus NMR Study CHEMRON CORPORATION 01-074	\$1,995	11/15/00 - 11/14/01
JONES, DANE WILLS, MAX	Polymeric Materials for Testing Medical Devices GUIDANT CORPORATION 01-138	\$10,000	2/1/01 - 9/30/01
WILLS, MAX JONES, DANE	VOC Testing for Metro recycled Latex Paint METRO REGIONAL CENTER 01-180	\$1,350	4/1/01 - 6/30/01
<u>Kinesiology</u>			
BROWN, ANDREA	Costa Del Sur: A California Physical Education and Health Project-Supplemental Funding UNIVERSITY OF CALIFORNIA 01-035	\$28,346	9/1/00 - 12/31/00
BROWN, ANDREA TAYLOR, KEVIN	Costa Del Sur: A California Physical Education and Health Project UNIVERSITY OF CALIFORNIA - CA PHYSICAL EDUCATION-HEALTH PROJECT 01-140	\$80,000	7/1/01 - 6/30/02
DAVIS, STEVEN JANKOVITZ, KRIS	Physical Fitness and Cardiac Risk Factors Among San Luis Obispo City Firefighters SAN LUIS OBISPO, CITY OF 01-270	\$4,925	4/1/01 - 6/30/01

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Mathematics			
HOLZ, ALAN	Central Coast Mathematics Project One Time Funding Proposal CALIFORNIA MATHEMATICS PROJECT - UNIVERSITY OF CALIFORNIA, LOS ANGELES 01-109	\$5,000	12/1/00 - 6/30/01
HOLZ, ALAN	Central Coast Mathematics Project 2001-2002 UNIVERSITY OF CALIFORNIA (CALIFORNIA MATHEMATICS PROJECT) 01-143	\$110,000	7/1/01 - 6/30/02
HOLZ, ALAN	California Professional Development Institutes for Teacher of Mathematics, Grades K-6 and 4-6 UNIVERSITY OF CALIFORNIA (CALIFORNIA MATHEMATICS PROJECT) 01-197	\$114,450	7/1/01 - 6/30/02
PATTON, LINDA ALPTEKIN, SEMA	Centennial Scholars: Access to "Learn by Doing" Polytechnic Education NSF Computer Science, Engineering, and Mathematics Scholarships (CSEMS) Program NATIONAL SCIENCE FOUNDATION (CSEMS) 01-220	\$399,367	7/1/02 - 6/30/06
RAWLINGS, DON SHAPIRO, JONATHAN E.	REU Site: Summer Research program in Operator Theory and Combinatorics NATIONAL SCIENCE FOUNDATION (REU) 01-055	\$188,075	4/1/01 - 3/31/04
SHAPIRO, JONATHAN E.	RUI: Operator Theory on the Hardy Spaces, Including the Aleksandrov Measure Approach to Composition Operators NATIONAL SCIENCE FOUNDATION (RUI) 01-073	\$110,542	7/1/01 - 6/30/04
Physics			
FRANKEL, RICHARD	Nanoscale Minerals as Biomarkers NASA VIA STANFORD UNIVERSITY 01-066	\$241,682	1/1/01 - 12/31/05
FRANKEL, RICHARD	Nanoscale Electron Storage Devices Derived from Ferritin Proteins NASA VIA BRIGHAM YOUNG UNIVERSITY 01-092	\$132,165	3/1/01 - 2/28/05
FRANKEL, RICHARD	Environmental to cellular Fe and S cycling in marine magnetotactic bacteria NATIONAL SCIENCE FOUNDATION VIA WOODS HOLE OCEANOGRAPHIC INSTITUTION 01-203	\$109,280	10/1/01 - 9/30/04
HOFFMAN, KENNETH	RUI: Paleomagnetic Study of Transitional Fields Recorded Throughout the Cenozoic by Australian Lavas: an Attempt to Observe Flux Patch Evolution at the Core Surface NATIONAL SCIENCE FOUNDATION (RUI) 01-283	\$207,019	9/1/01 - 8/31/04
SCHWARTZ, PETER	Investigation of High Force Nanografting: A New Additive Nanolithography Technology RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 01-190	\$40,274	1/1/02 - 12/31/03
SHARPE, JOHN P	Stochastic Resonance and Pattern Formation in Two-Dimensional Optical Systems RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 01-103	\$31,266	7/1/01 - 12/31/02

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Statistics</u>			
CHANCE, BETH L.	The Web-based ARTIST (Assessment of Student Achievement in Undergraduate Education) Project NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF MINNESOTA 01-253	\$87,992	1/2/02 - 12/31/04
PECK, ROXY	A Distance Learning Model for High School Statistics Teachers NATIONAL SCIENCE FOUNDATION 01-261	\$996,268	7/1/02 - 6/30/05
<u>Student Affairs</u>			
BRAGG, MARTIN	Substance Abuse Assessment and Referral Project SAN LUIS OBISPO COUNTY 01-169	\$15,309	7/1/01 - 6/30/02
<u>Student Academic Services</u>			
SPARLING, SUSAN	Student Support Services Program (2001- 2005) U.S. DEPT OF EDUCATION 01-056	\$972,968	9/1/01 - 8/31/05
<u>Student Life & Leadership</u>			
LAMB, STEPHAN	CSU Service Learning for Family Health AMERICORPS CA COMMISSION ON IMPROVING LIFE THRU SERVICE VIA CSU CHANCELLOR'S OFFICE 01-045	\$13,557	7/1/00 - 6/30/03
LAMB, STEPHAN RADOVICH, BRADY	Developing Service-Learning Capacity in Community-Based Agencies CA CAMPUS COMPACT 01-127	\$20,000	1/1/01 - 12/31/03
LAMB, STEPHAN	Institutionalizing Community Service-Learning in the CSU: Phase 1 - Assessment & Action Plan Development LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 01-130	\$3,000	12/12/00 - 3/15/01
LAMB, STEPHAN RADOVICH, BRADY	Developing Agency Capacity Building in a Rural County Setting CA GOVERNOR'S OFFICE ON SERVICE & VOLUNTEERISM (GO SERV) 01-136	\$7,000	2/1/01 - 6/30/01
LAMB, STEPHAN	Cesar Chavez: Field of Dreams-Cultivating the Mind of the Central Coast CSU CHANCELLOR'S OFFICE 01-170	\$30,394	3/30/01 - 6/30/01
LAMB, STEPHAN	Cesar Chavez: Field of Dreams-Cultivating the Spirit of the Central Coast CSU CHANCELLOR'S OFFICE 01-172	\$26,981	3/30/01 - 6/30/01
LAMB, STEPHAN	Cesar Chavez: Field of Dreams-Cultivating the Land of the Central Coast CSU CHANCELLOR'S OFFICE 01-173	\$22,187	3/30/01 - 6/30/01

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Student Life & Leadership</u>			
LAMB, STEPHAN	Institutionalizing Community Service-Learning at Cal Poly: Phase II - Implementation of the Campus Action Plan LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 01-200	\$45,000	4/1/01 - 8/31/03
Other			
<u>Academic Affairs</u>			
CAMPBELL, DENISE LAMB, STEPHAN	Service-Learning Curriculum and Infrastructure Development Initiative (Allocation Process 2001-2002) LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 01-301	\$105,000	7/1/01 - 6/30/02
<u>Academic Programs</u>			
CONN, W. DAVID	Recruiting and Retaining Under-represented Students for Polytechnic Programs in the Post Affirmative Action Age U.S. DEPT OF EDUCATION (FIPSE) 01-152	\$298,193	9/1/01 - 8/31/04
MORROBEL-SOSA, ANNY OPAVA, SUSAN	WISE-ACT: Women in Science and Engineering - Achieving Change Together NATIONAL SCIENCE FOUNDATION 01-226	\$3,529,209	1/1/02 - 12/31/06
<u>Commuter Services</u>			
ANDERSON, DEBY	Carpool Parking Trial Program SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-149	\$7,994	12/1/01 - 12/1/03
ANDERSON, DEBY	MOVER (Bike Lockers) SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-264	\$11,550	1/1/02 - 12/30/02
ANDERSON, DEBY	MOVER (Bike Racks) SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-292	\$12,600	7/1/01 - 6/30/03
ANDERSON, DEBY	MOVER (VanPool Program)) SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-293	\$31,500	7/1/01 - 6/30/03
<u>Facilities Planning</u>			
JOHNSON, EDWARD	Green Chipping Compost Program CA INTEGRATED WASTE MANAGEMENT BOARD 01-036	\$25,000	10/1/00 - 9/30/01
<u>Library</u>			
ADALIAN, PAUL T.	Regional Library Network Development LIBRARY OF CALIFORNIA VIA BLACK GOLD COOPERATIVE LIBRARY SYSTEM 00-272	\$35,650	6/29/00 - 6/30/01

PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Library</u>			
ADALIAN, PAUL T.	California Central Coast Science and GIS Initiative Providing Services and Resources NATIONAL SCIENCE FOUNDATION (NSDL) 01-223	\$495,325	10/1/01 - 9/30/03
DAVIS, HIRAM HELLENBRAND, HAROLD	The Center for Visionary Pragmatism at Cal Poly NATIONAL ENDOWMENT FOR THE HUMANITIES 01-232	\$500,000	1/1/02 - 12/31/04
<u>Research & Graduate Programs</u>			
OPAVA, SUSAN HANLEY, JERRY J.	California Central Coast Research Partnership U.S. DEPT OF HOUSING AND URBAN DEVELOPMENT 01-231	\$598,680	8/1/01 - 7/31/04
<u>University Police Department</u>			
HUBBELL, DONALD	Traffic Safety, Education & Equipment Enhancement Program CA OFFICE OF TRAFFIC SAFETY (OTS) 01-147	\$15,000	10/1/01 - 9/30/02
GRAND TOTALS:		270 Proposals	\$44,798,338