

## PROPOSALS SUBMITTED IN FISCAL YEAR 2001

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

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

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

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

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

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

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

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

### **Architecture & Env Design**

#### **Architecture**

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

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

## PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>City &amp; Regional Planning</u></b>			
LEE, RICHARD W.	<b>Sustainable Transportation Measures and Indicators</b> SAN JOSE STATE UNIVERSITY - MINETA INSTITUTE FOR SURFACE TRANSPORTATION POLICY STUDIES 01-221	\$50,000	7/1/01 - 6/30/02
SIEMBIEDA, WILLIAM	<b>Choosing a Paradigm for Disaster Recovery</b> CENTER FOR DISASTER MANAGEMENT AND HUMANITARIAN ASSISTANCE 01-141	\$143,052	6/15/01 - 6/14/02
SIEMBIEDA, WILLIAM	<b>Community Development Work Study Program (CDWSP)</b> U.S. DEPT OF HOUSING AND URBAN DEVELOPMENT (CDWSP) 01-142	\$88,800	8/1/01 - 8/31/03
<b><u>Construction Management</u></b>			
JACKSON, BARBARA	<b>The State of Design-Build Education at American Universities</b> DESIGN-BUILD EDUCATION & RESEARCH FOUNDATION 01-064	\$5,000	9/15/00 - 10/31/01
<b>Business</b>			
<b><u>Global Strategy &amp; Law</u></b>			
LITUCHY, TERRI	<b>International: Environmental and Human Resource Issues of Foreign Firms in Mexico</b> NATIONAL SCIENCE FOUNDATION 01-238	\$87,140	5/1/02 - 4/30/04
<b>Education</b>			
<b><u>Education</u></b>			
CHIN, ELAINE FLOYD, BARRY	<b>Predicting the Graduation Rate and Initial Employment of Teachers Prepared Through Alternative Certification Programs</b> U.S. DEPT OF EDUCATION 01-059	\$1,022,105	4/2/01 - 3/31/04
HERTER, ROBERTA BROWN, CARL	<b>Central Coast Writing Project 2001-2002</b> UNIVERSITY OF CALIFORNIA, BERKELEY - CALIFORNIA WRITING PROJECT 01-154	\$160,000	5/1/01 - 6/30/02
HERTER, ROBERTA DURAN, DAVID	<b>First Teachers: Family Literacy Learning</b> CA DEPT OF EDUCATION 01-207	\$72,470	7/1/01 - 6/30/04
KING, RITA	<b>Guadalupe/Cal Poly Bilingual Teacher Education Project (2000-2001)</b> CA DEPT OF EDUCATION VIA GUADALUPE UNIFIED SCHOOL DISTRICT 01-031	\$48,000	7/1/00 - 6/30/01
KONOPAK, BONNIE MORRISON, KENT	<b>Improving the Mathematics Subject-Matter Preparation of Elementary School Teachers</b> 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
<b><u>Education</u></b>			
KONOPAK, BONNIE	<b>Developing a Teacher Education Program for Rural, Migrant Students: A Joint University/Community College Initiative</b> U.S. DEPT OF EDUCATION (FIPSE) 01-160	\$396,630	10/1/01 - 9/30/04
<b><u>Engineering</u></b>			
<b><u>Aerospace Engineering</u></b>			
DETURRIS, DIANNE	<b>Subsonic Glideback Rocket Demonstrator Flight Testing</b> NASA - LANGLEY RESEARCH CENTER 01-034	\$24,000	9/1/00 - 8/31/01
DETURRIS, DIANNE	<b>StarBooster Demonstrator Cluster Configuration Analysis/Verification Program</b> NASA - LANGLEY RESEARCH CENTER 01-244	\$49,951	9/1/01 - 8/31/02
HALL, DAVID W.	<b>Vertical and Short Takeoff and Landing Concepts</b> BOEING COMPANY, THE 01-106	\$20,000	7/1/00 - 6/30/01
HALL, DAVID W.	<b>Personal Air Vehicle Exploration (PAVE)</b> NASA - LANGLEY RESEARCH CENTER 01-224	\$49,996	5/1/01 - 11/30/01
HALL, DAVID W.	<b>Support for Advanced Aircraft Design Courses - AY 2001-2002</b> NORTHROP GRUMMAN CORPORATION 01-235	\$30,000	9/1/01 - 8/31/02
HALL, DAVID W.	<b>Runway Independent Short Takeoff and Landing (RI/STOL) Regional Jet Project</b> NASA - AMES RESEARCH CENTER 01-242	\$49,997	1/1/01 - 11/30/01
PUIG-SUARI, JORDI TURNER, CLARK	<b>CubeSat Spacecraft and Development and Launcher System</b> STANFORD UNIVERSITY 01-119	\$0	11/13/00 -
PUIG-SUARI, JORDI	<b>Survey and Analysis of Post-Mission Disposal Techniques for Low Earth Orbit Spacecraft</b> CSU FOUNDATION 01-185	\$5,000	1/1/01 - 8/31/01
PUIG-SUARI, JORDI TURNER, CLARK	<b>Multidisciplinary Space Technology Education at CalPoly</b> CA TECHNOLOGY, TRADE AND COMMERCE AGENCY 01-188	\$198,344	6/30/01 - 6/30/03
<b><u>ARDFA</u></b>			
GERFEN, JEFFREY	<b>TMC to FOT Trailer and MTMC Communications System - California ATMS Test-Bed Operational Phase</b> 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
<b><u>Civil &amp; Environmental Engineering</u></b>			
DENATALE, JAY FIEGEL, GREGG	<b>Cal/OSHA Training Course on Field Classification of Soils for the Assessment of Excavation and Trench Safety</b> CA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION 01-124	\$10,607	3/15/01 - 6/30/01
HOCKADAY, STEPHEN	<b>Assessment of Future Options for the US Air Transport System</b> BOEING COMPANY, THE 01-165	\$95,306	4/1/01 - 3/31/02
KACHLAKEV, DAMIAN I. GOEL, RAKESH	<b>Construction Specifications for Bonded Repair and Retrofit of Concrete Structures Using FRP Composites</b> TRANSPORTATION RESEARCH BOARD NATIONAL RESEARCH COUNCIL 01-057	\$181,377	2/1/01 - 2/1/03
KACHLAKEV, DAMIAN I.	<b>Development of an Integrated, Comprehensive Residential Housing Construction Methodology, Utilizing Lightweight Concrete</b> NATIONAL SCIENCE FOUNDATION 01-219	\$149,998	9/1/01 - 8/31/03
NELSON, YARROW M. KITTS, CHRISTOPHER L	<b>Biological vs. abiotic mechanisms of Mn oxidation in soils and oxide reactivity</b> U.S. DEPT OF AGRICULTURE (NRICGP) VIA UNIV. OF VERMONT 01-104	\$71,239	7/1/01 - 6/30/03
NELSON, YARROW M.	<b>Biocomplexity: An integrated approach to the understanding of microbial biofilms</b> NATIONAL SCIENCE FOUNDATION VIA CORNELL UNIVERSITY 01-202	\$232,650	9/1/01 - 8/31/06
<b><u>College of Engineering</u></b>			
WALSH, DANIEL	<b>A Program of Excellence in Biomedical Engineering at Cal Poly</b> WHITAKER FOUNDATION 01-042	\$999,032	1/1/01 - 12/31/03
WALSH, DANIEL	<b>A Program For Excellence in Biomedical Engineering at Cal Poly</b> WHITAKER FOUNDATION 01-218	\$991,200	6/1/02 - 5/31/05
WALSH, DANIEL	<b>MAGLEV Master Agreement</b> LOCKHEED MARTIN 01-246	\$0	7/11/01 - 7/11/02
<b><u>Computer Engineering</u></b>			
MACCARLEY, C. ARTHUR	<b>Assistance to Caltrans for Assessment of Communications Needs and Solutions for Southern Districts</b> PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 01-126	\$280,280	7/1/01 - 6/30/03
MACCARLEY, C. ARTHUR	<b>Vehicle Re-identification Using Single Loop Detector and Video Data</b> 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
<b><u>Computer Science</u></b>			
KEARNS, TIM	<b>Computer Security Technology Products Market Research</b> MEDIASNAP 01-179	\$10,999	3/15/01 - 7/1/01
MELDAL, SIGURD	<b>Static Analysis Tool Project - Initial Phase</b> COMPAQ 01-027	\$20,000	9/1/00 - 8/31/01
MELDAL, SIGURD LEE, PETER	<b>International: 1st Bilateral Scandinavia/U.S.A. Workshop on Engineering Education and Research</b> NATIONAL SCIENCE FOUNDATION 01-178	\$33,299	6/1/01 - 5/31/02
SMITH, HUGH	<b>Maximization of Network Performance</b> 3COM 01-302	\$173,803	6/12/01 - 6/12/02
<b><u>Electrical Engineering</u></b>			
BRAUN, DAVID LLOYD, MATT	<b>Improved Efficiency Polymer/Oxide Heterojunction Solar Cells</b> MATERIALS RESEARCH SOCIETY 01-091	\$750	11/30/00 - 3/31/01
HARRIS, JAMES	<b>Maximization of Network Performance</b> 3COM 00-268	\$173,826	7/6/00 - 7/5/01
SAGHRI, JOHN A.	<b>Space Based Cloud Detection</b> CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-107	\$10,000	1/1/01 - 12/31/01
SAGHRI, JOHN A.	<b>Bandwidth Compression of Remotely-Sensed Imagery Data</b> CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-108	\$10,000	1/1/01 - 12/31/01
SAGHRI, JOHN A.	<b>Feature-prioritized Lossy Bandwidth Compression for Remotely Sensed Imagery Data</b> NAVAL RESEARCH LABORATORY (NRL) 01-129	\$214,205	1/1/02 - 12/31/03
TAUFIK,	<b>A Combined PWM-Resonant Inverter Circuit</b> CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-115	\$10,000	4/1/01 - 12/10/01
TAUFIK, SHABAN, ALI	<b>Development of a Modern Power Electronics Lab for Undergraduate Power Engineering Curriculum Enhancement</b> NATIONAL SCIENCE FOUNDATION (CCLI) 01-282	\$98,413	1/1/02 - 12/31/03
YU, XIAO-HUA (HELEN)	<b>Steering Mirror Servo Control</b> CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-110	\$9,976	1/1/01 - 12/31/01
YU, XIAO-HUA (HELEN)	<b>Fault Trees Expressed as Markov Chains</b> 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
<b><u>Industrial &amp; Manufacturing Engineering</u></b>			
ALPTEKIN, SEMA	<b>Regional Center for Manufacturing Education</b> NATIONAL SCIENCE FOUNDATION 01-089	\$1,933,704	1/1/01 - 12/31/03
BALASUBRAMANIAN, K. N.	<b>PCBA Process Control Implementation at Contract Manufacturers to Cisco Systems</b> CISCO SYSTEMS 00-288	\$184,826	6/16/00 - 6/15/01
COLVIN, KURT	<b>Using Simulation Modeling to Assist the Service Function</b> LAM RESEARCH CORP 01-065	\$10,000	11/1/00 - 3/31/01
COLVIN, KURT	<b>TRW Photonics Module Processing and Equipment Research</b> TRW 01-105	\$30,000	12/1/00 - 6/30/01
COOPER, MARK MCFARLAND, M. LEE	<b>Flextronics - Cal Poly Web Site Development</b> FLEXTRONICS 01-295	\$39,963	7/1/01 - 9/30/01
MENON, UNNY POURAGHABAGHER, REZA	<b>Collision Parts Fit Test Feasibility Study - Phase I</b> TOYOTA MOTOR SALES USA 01-139	\$30,094	2/15/01 - 6/30/01
WALDORF, DANIEL	<b>Research and Course Lab Integration: Stability of Machining Processes (SME Research Initiation - 2001)</b> SOCIETY OF MANUFACTURING ENGINEERS EDUCATION FOUNDATION 01-148	\$14,815	5/24/01 - 5/23/02
<b><u>Materials Engineering</u></b>			
CHEN, KATHERINE C.	<b>CAREER: Characterization and Development of Intermetallic Alloys</b> NATIONAL SCIENCE FOUNDATION (CAREER PROGRAM) 01-015	\$375,000	7/1/01 - 6/30/06
CHEN, KATHERINE C.	<b>Structure-Property Relationships of Plastic Packaging in Plastic Encapsulated Microcircuits (PEMs) for Space Application</b> CSU FOUNDATION (LOCKHEED MARTIN/CSU PARTNERSHIP) 01-112	\$10,000	1/1/01 - 12/31/01
GRIFFIN, LANNY	<b>Experimental Investigation of the fracture properties of Haversian bone at the microstructural level.</b> U.S. DEPT OF DEFENSE 01-245	\$0	6/20/01 - 6/19/04
NIEBUHR, DAVID V.	<b>Investigation of UV degradation of Adhesives</b> OLYMPUS INTEGRATED TECHNOLOGIES AMERICA, INC. 01-014	\$5,000	6/12/00 - 9/8/00
NIEBUHR, DAVID V.	<b>Characterize Material Differences of Samples of 316L Stainless Steel Tubing</b> VALEX CORPORATION 01-174	\$5,000	2/20/01 - 12/31/01
VANASUPA, LINDA MOODY, LYNN	<b>Acquisition of Scanning Electron Microscope with Electron Backscatter Diffraction System for Research and Education</b> 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
<b><u>Materials Engineering</u></b>			
VANASUPA, LINDA	<b>Valex Tubing Research</b> VALEX CORPORATION 01-267	\$3,000	4/25/01 - 12/31/01
<b><u>Mechanical Engineering</u></b>			
CARPENTER, THOMAS	<b>Ejector Research for Rocket-Based Combined-Cycle Engines</b> NASA - MARSHALL SPACE FLIGHT CENTER 01-133	\$98,054	6/1/01 - 5/31/02
DAVOL, ANDREW	<b>RUI: Characterization of the Compression Behavior of Concrete Filled Fiber Reinforced Shells Designed for Flexural Applications</b> NATIONAL SCIENCE FOUNDATION (RUI) 01-033	\$49,858	9/1/01 - 8/31/02
HIGGINS, BRIAN	<b>Ultra-Lean, Low-NOx, Whirl Enhanced, Industrial Burner</b> CA ENERGY COMMISSION VIA SAN DIEGO STATE UNIVERSITY FOUNDATION 01-098	\$74,878	7/1/00 - 6/30/01
MEAGHER, JAMES M	<b>Master Agreement between Cal Poly Foundation and RPM Predictive Engineering Inc.</b> RPM AND PREDICTIVE ENGINEERING INC. 01-247	\$0	4/23/01 - 4/22/04
MEAGHER, JAMES M	<b>Torsional Short Circuit Load Peak Stress Detector</b> 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	<b>The Solar Powered Bicycle Program</b> SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-159	\$40,689	12/1/01 - 12/1/02
MOUSTAFA, SAFWAT M	<b>The Solar Powered Bicycle Program</b> SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-265	\$42,760	1/1/02 - 12/31/02
NIKU, SAEED	<b>Measuring a Distance Between Parallel Plates in an Isolated Environment</b> TEREDYNE, INC. 01-084	\$2,997	10/1/00 - 3/31/01
NIKU, SAEED	<b>Mechatronics Educational Modules for Undergraduate Engineering Students and Junior High and High School Teachers.</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 01-234	\$63,094	1/1/02 - 12/31/04
THORNCROFT, GLEN E.	<b>Development and Testing of an Automatic Shut-Off System for Water Heaters, PHASE 1</b> HEATERGUARD INTERNATIONAL, LLC 01-085	\$10,013	11/1/00 - 5/31/01
<b><u>Minority Engineering Program</u></b>			
CANTU, DAVID	<b>Scholarships for CC-MEP Transfer Students</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-116	\$19,200	2/15/00 - 1/31/02
CANTU, DAVID	<b>MESA Engineering Program (MEP) Center- Caltrans Recruiting</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-187	\$7,159	2/1/01 - 1/31/02

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Minority Engineering Program</u></b>			
CANTU, DAVID LEE, PETER	<b>MESA Schools Program 2001-2002</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-233	\$75,000	7/1/01 - 8/31/02
CANTU, DAVID	<b>Mesa Minority Engineering Program 2001-2002</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 01-241	\$72,114	7/1/01 - 8/31/02
<b><u>Liberal Arts</u></b>			
<b><u>Cal Poly Arts</u></b>			
HOSKINS, RALPH	<b>California Arts Council Organizational Support Program</b> CA ARTS COUNCIL 01-166	\$86,697	11/1/01 - 10/31/03
HOSKINS, RALPH	<b>Poly Arts for Youth 2001</b> SAN LUIS OBISPO, CITY OF 01-193	\$3,500	7/1/01 - 6/30/02
WILT, PETER	<b>Stone Soup Ethnic Music Faire</b> SAN LUIS OBISPO COUNTY 01-028	\$4,000	11/21/00 - 11/20/01
WILT, PETER	<b>California Arts Council Touring and Presenting Program 2001-2002</b> CA ARTS COUNCIL TOURING AND PRESENTING PROGRAM 01-194	\$20,100	7/1/01 - 6/30/02
WILT, PETER	<b>WESTAF TourWest Program 2001-02 Season</b> WESTERN STATES ART FEDERATION 01-195	\$5,000	9/1/01 - 8/31/02
<b><u>College of Liberal Arts</u></b>			
HELLENBRAND, HAROLD LEVISON, ROBERT	<b>Proposition 36 Evaluation Implementation Plan - Year 1</b> CA DEPT OF ALCOHOL AND DRUG PROGRAMS 01-230	\$599,000	1/1/01 - 12/31/01
<b><u>Graphic Communications</u></b>			
APFELBERG, HERSCHEL	<b>Statistical Sampling Program #3 &amp; 4</b> TIME, INC. 01-044	\$23,000	9/1/00 - 11/30/00
APFELBERG, HERSCHEL RUGGLES, PHILIP	<b>Statistical Sampling Program</b> TIME, INC. 01-225	\$46,000	5/1/01 - 11/30/01
MOTT, W STEPHEN	<b>Paper MottleTesting Project for Ris Paper Company</b> 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
<b><u>Liberal Studies</u></b>			
DUFFY, SUSAN	<b>Arts and Teacher Education - Comprehensive Approach to the Arts</b> NATIONAL ENDOWMENT FOR THE ARTS 01-032	\$20,000	7/1/01 - 6/30/02
DUFFY, SUSAN	<b>The Cal Poly Arts in Education Program, 2001-2002</b> CA ARTS COUNCIL 01-095	\$150,000	2/1/01 - 6/30/02
FRIEND, KATHLEEN	<b>The Central Coast Arts Project</b> UNIVERSITY OF CALIFORNIA 01-052	\$64,627	10/15/00 - 6/30/01
FRIEND, KATHLEEN DUFFY, SUSAN	<b>The Central Coast Arts Project</b> UNIVERSITY OF CALIFORNIA 01-150	\$165,370	5/1/01 - 6/30/02
<b><u>Modern Languages</u></b>			
TACHIBANA, YOSHIKO	<b>Support Program for Japanese-Language Courses</b> JAPAN FOUNDATION 01-117	\$12,299	9/1/01 - 6/30/02
<b><u>Psychology &amp; Child Development</u></b>			
LAVER, GARY	<b>Adult Aging and the Speed of Word Recognition Processes</b> NATIONAL INSTITUTES OF HEALTH - AREA 01-131	\$134,983	7/1/02 - 6/30/04
<b><u>Social Sciences</u></b>			
JONES, TERRY	<b>Archaeological Investigation</b> CA PUBLIC UTILITIES COMMISSION 00-202	\$38,541	7/1/00 - 9/15/01
JONES, TERRY MORITZ, MAX	<b>Spatial Analysis of Prehistoric Settlement Patterns at Fort Hunter Liggitt Military Installation</b> FORT HUNTER LIGGETT 00-301	\$14,705	10/1/00 - 9/30/01
JONES, TERRY	<b>2000-2001 Archaeological Field School Site Evaluation Fort Hunter Liggitt, Monterey County, California</b> U.S. GENERAL SERVICES ADMINISTRATION 01-217	\$52,223	6/1/01 - 5/31/02
JONES, TERRY	<b>San Simeon District Archaeological Site Project</b> CA DEPT OF PARKS & RECREATION 01-297	\$16,437	6/19/01 - 5/31/03
MORITZ, MAX	<b>Highly Optimized Tolerance and Complex Systems Dynamics: Natural Fire Regimes and Human Management of Landscapes</b> NATIONAL SCIENCE FOUNDATION 01-186	\$99,778	1/1/02 - 12/31/03

## PROPOSALS SUBMITTED IN FISCAL YEAR 2001

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

## PROPOSALS SUBMITTED IN FISCAL YEAR 2001

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Biological Sciences</u></b>			
VILLABLANCA, FRANCIS	<b>Bioinformatics Throughout the Curriculum</b> NATIONAL SCIENCE FOUNDATION VIA SONOMA STATE UNIVERSITY 01-294	\$56,456	1/1/02 - 12/31/04
<b><u>Chemistry and BioChemistry</u></b>			
BERBER-JIMENEZ, M. DOLORES	<b>The San Luis Obispo Science Project 2001-2002</b> UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT)  01-161	\$165,000	7/1/01 - 6/30/02
BERBER-JIMENEZ, M. DOLORES	<b>Central Coast Science Project - Mini Grants 2001</b> UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT)  01-177	\$44,000	2/1/01 - 6/30/01
BERBER-JIMENEZ, M. DOLORES	<b>California Science Standards: Framing Science Instruction</b> UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT)  01-189	\$7,667	10/1/00 - 3/31/01
CENSULLO, ALBERT	<b>Correlation between Solids Content and Hiding as it Relates to Calculation of VOC Content in Architectural Coatings</b> CA AIR RESOURCES BOARD 01-296	\$99,932	8/1/01 - 11/30/02
HILL, CRAIG	<b>Bioconjugation For Intraneuronal Compounds</b> XAVOS CORPORATION 01-062	\$18,958	10/30/00 - 1/31/01
JONES, DANE WILLS, MAX	<b>Phosphorus NMR Study</b> CHEMRON CORPORATION 01-074	\$1,995	11/15/00 - 11/14/01
JONES, DANE WILLS, MAX	<b>Polymeric Materials for Testing Medical Devices</b> GUIDANT CORPORATION 01-138	\$10,000	2/1/01 - 9/30/01
WILLS, MAX JONES, DANE	<b>VOC Testing for Metro recycled Latex Paint</b> METRO REGIONAL CENTER 01-180	\$1,350	4/1/01 - 6/30/01
<b><u>Kinesiology</u></b>			
BROWN, ANDREA	<b>Costa Del Sur: A California Physical Education and Health Project-Supplemental Funding</b> UNIVERSITY OF CALIFORNIA 01-035	\$28,346	9/1/00 - 12/31/00
BROWN, ANDREA TAYLOR, KEVIN	<b>Costa Del Sur: A California Physical Education and Health Project</b> UNIVERSITY OF CALIFORNIA - CA PHYSICAL EDUCATION-HEALTH PROJECT 01-140	\$80,000	7/1/01 - 6/30/02
DAVIS, STEVEN JANKOVITZ, KRIS	<b>Physical Fitness and Cardiac Risk Factors Among San Luis Obispo City Firefighters</b> 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
<b><u>Mathematics</u></b>			
HOLZ, ALAN	<b>Central Coast Mathematics Project One Time Funding Proposal</b> CALIFORNIA MATHEMATICS PROJECT - UNIVERSITY OF CALIFORNIA, LOS ANGELES 01-109	\$5,000	12/1/00 - 6/30/01
HOLZ, ALAN	<b>Central Coast Mathematics Project 2001-2002</b> UNIVERSITY OF CALIFORNIA (CALIFORNIA MATHEMATICS PROJECT) 01-143	\$110,000	7/1/01 - 6/30/02
HOLZ, ALAN	<b>California Professional Development Institutes for Teacher of Mathematics, Grades K-6 and 4-6</b> UNIVERSITY OF CALIFORNIA (CALIFORNIA MATHEMATICS PROJECT) 01-197	\$114,450	7/1/01 - 6/30/02
PATTON, LINDA ALPTEKIN, SEMA	<b>Centennial Scholars: Access to "Learn by Doing" Polytechnic Eduaction NSF Computer Science, Engineering, and Mathematics Scholarships (CSEMS) Program</b> NATIONAL SCIENCE FOUNDATION (CSEMS) 01-220	\$399,367	7/1/02 - 6/30/06
RAWLINGS, DON SHAPIRO, JONATHAN E.	<b>REU Site: Summer Research program in Operator Theory and Combinatorics</b> NATIONAL SCIENCE FOUNDATION (REU) 01-055	\$188,075	4/1/01 - 3/31/04
SHAPIRO, JONATHAN E.	<b>RUI: Operator Theory on the Hardy Spaces, Including the Aleksandrov Measure Approach to Composition Operators</b> NATIONAL SCIENCE FOUNDATION (RUI) 01-073	\$110,542	7/1/01 - 6/30/04
<b><u>Physics</u></b>			
FRANKEL, RICHARD	<b>Nanoscale Minerals as Biomarkers</b> NASA VIA STANFORD UNIVERSITY 01-066	\$241,682	1/1/01 - 12/31/05
FRANKEL, RICHARD	<b>Nanoscale Electron Storage Devices Derived from Ferritin Proteins</b> NASA VIA BRIGHAM YOUNG UNIVERSITY 01-092	\$132,165	3/1/01 - 2/28/05
FRANKEL, RICHARD	<b>Environmental to cellular Fe and S cycling in marine magnetotactic bacteria</b> NATIONAL SCIENCE FOUNDATION VIA WOODS HOLE OCEANOGRAPHIC INSTITUTION 01-203	\$109,280	10/1/01 - 9/30/04
HOFFMAN, KENNETH	<b>RUI: Paleomagnetic Study of Transitional Fields Recorded Throughout the Cenozoic by Australian Lavas: an Attempt to Observe Flux Patch Evolution at the Core Surface</b> NATIONAL SCIENCE FOUNDATION (RUI) 01-283	\$207,019	9/1/01 - 8/31/04
SCHWARTZ, PETER	<b>Investigation of High Force Nanografting: A New Additive Nanolithography Technology</b> RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 01-190	\$40,274	1/1/02 - 12/31/03
SHARPE, JOHN P	<b>Stochastic Resonance and Pattern Formation in Two-Dimensional Optical Systems</b> 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
<b><u>Statistics</u></b>			
CHANCE, BETH L.	<b>The Web-based ARTIST ( Assessment of Student Achievement in Undergraduate Education) Project</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF MINNESOTA 01-253	\$87,992	1/2/02 - 12/31/04
PECK, ROXY	<b>A Distance Learning Model for High School Statistics Teachers</b> NATIONAL SCIENCE FOUNDATION 01-261	\$996,268	7/1/02 - 6/30/05
<b><u>Student Affairs</u></b>			
BRAGG, MARTIN	<b>Substance Abuse Assessment and Referral Project</b> SAN LUIS OBISPO COUNTY 01-169	\$15,309	7/1/01 - 6/30/02
<b><u>Student Academic Services</u></b>			
SPARLING, SUSAN	<b>Student Support Services Program (2001- 2005)</b> U.S. DEPT OF EDUCATION 01-056	\$972,968	9/1/01 - 8/31/05
<b><u>Student Life &amp; Leadership</u></b>			
LAMB, STEPHAN	<b>CSU Service Learning for Family Health</b> 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	<b>Developing Service-Learning Capacity in Community-Based Agencies</b> CA CAMPUS COMPACT 01-127	\$20,000	1/1/01 - 12/31/03
LAMB, STEPHAN	<b>Institutionalizing Community Service-Learning in the CSU: Phase 1 - Assessment &amp; Action Plan Development</b> LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 01-130	\$3,000	12/12/00 - 3/15/01
LAMB, STEPHAN RADOVICH, BRADY	<b>Developing Agency Capacity Building in a Rural County Setting</b> CA GOVERNOR'S OFFICE ON SERVICE & VOLUNTEERISM (GO SERV) 01-136	\$7,000	2/1/01 - 6/30/01
LAMB, STEPHAN	<b>Cesar Chavez: Field of Dreams-Cultivating the Mind of the Central Coast</b> CSU CHANCELLOR'S OFFICE 01-170	\$30,394	3/30/01 - 6/30/01
LAMB, STEPHAN	<b>Cesar Chavez: Field of Dreams-Cultivating the Spirit of the Central Coast</b> CSU CHANCELLOR'S OFFICE 01-172	\$26,981	3/30/01 - 6/30/01
LAMB, STEPHAN	<b>Cesar Chavez: Field of Dreams-Cultivating the Land of the Central Coast</b> 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
<b><u>Student Life &amp; Leadership</u></b>			
LAMB, STEPHAN	<b>Institutionalizing Community Service-Learning at Cal Poly: Phase II - Implementation of the Campus Action Plan</b> LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 01-200	\$45,000	4/1/01 - 8/31/03
<b><u>Other</u></b>			
<b><u>Academic Affairs</u></b>			
CAMPBELL, DENISE LAMB, STEPHAN	<b>Service-Learning Curriculum and Infrastructure Development Initiative (Allocation Process 2001-2002)</b> LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 01-301	\$105,000	7/1/01 - 6/30/02
<b><u>Academic Programs</u></b>			
CONN, W. DAVID	<b>Recruiting and Retaining Under-represented Students for Polytechnic Programs in the Post Affirmative Action Age</b> U.S. DEPT OF EDUCATION (FIPSE) 01-152	\$298,193	9/1/01 - 8/31/04
MORROBEL-SOSA, ANNY OPAVA, SUSAN	<b>WISE-ACT: Women in Science and Engineering - Achieving Change Together</b> NATIONAL SCIENCE FOUNDATION 01-226	\$3,529,209	1/1/02 - 12/31/06
<b><u>Commuter Services</u></b>			
ANDERSON, DEBY	<b>Carpool Parking Trial Program</b> SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-149	\$7,994	12/1/01 - 12/1/03
ANDERSON, DEBY	<b>MOVER (Bike Lockers)</b> SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-264	\$11,550	1/1/02 - 12/30/02
ANDERSON, DEBY	<b>MOVER (Bike Racks)</b> SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-292	\$12,600	7/1/01 - 6/30/03
ANDERSON, DEBY	<b>MOVER (VanPool Program)</b> SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT 01-293	\$31,500	7/1/01 - 6/30/03
<b><u>Facilities Planning</u></b>			
JOHNSON, EDWARD	<b>Green Chipping Compost Program</b> CA INTEGRATED WASTE MANAGEMENT BOARD 01-036	\$25,000	10/1/00 - 9/30/01
<b><u>Library</u></b>			
ADALIAN, PAUL T.	<b>Regional Library Network Development</b> LIBRARY OF CALIFORNIA VIA BLACK GOLD COOPERATIVE LIBRARY SYSTEM 00-272	\$35,650	6/29/00 - 6/30/01

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