

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Agriculture, Food &amp; Env Sciences</u></b>			
<b><u>Agribusiness</u></b>			
DEYONG, RONALD SHELTON, MARK	Education and Consensus Building on California Agricultural Policy Issues CA DEPT OF FOOD AND AGRICULTURE 02-204	\$76,791	9/1/02 - 8/31/04
HAMILTON, LYNN	Economic/Social Impact Study - California Fairs and Communities CA DEPT OF FOOD AND AGRICULTURE 02-075	\$110,100	12/15/01 - 12/14/02
<b><u>Agricultural Education</u></b>			
CASEY, GLEN	San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2001-2002) CA DEPT OF EDUCATION 02-013	\$14,960	7/15/01 - 7/14/02
CASEY, GLEN	Agriculture Literacy Action Team, Phase II W. K. KELLOGG FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 02-027	\$154,540	2/1/01 - 6/30/03
CASEY, GLEN	Agricultural Literacy for Preservice Candidates (K-6) in a Multicultural Context CA DEPT OF FOOD AND AGRICULTURE 02-080	\$50,055	9/1/01 - 8/31/03
CASEY, GLEN	Agricultural Education for Pre-Service Candidates, University Teacher Educators, and Cooperating Teachers CA DEPT OF FOOD AND AGRICULTURE 02-183	\$299,999	7/1/02 - 6/30/04
CASEY, GLEN	California Curriculum Guide for Agricultural Literacy Awareness: Introduction of Materials and Implementation in K-12 Academic Environment CA DEPT OF FOOD AND AGRICULTURE 02-197	\$296,530	7/1/02 - 6/30/04
<b><u>Animal Science</u></b>			
BECKETT, JONATHON	Efficacy of Pour-on Dewormers Differing in Active Ingredient and Carrier on Weight Gain and Fecal Egg Count in Stocker Cattle FORT DODGE ANIMAL HEALTH 01-121	\$18,750	3/1/01 - 7/31/01
BECKETT, JONATHON	Effects of Long-Acting Estrogen-based Growth Promotant on Growth and Performance, Carcass Characteristics in Holstein Steers CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-022	\$71,236	7/1/01 - 6/30/03
BECKETT, JONATHON	Effects of Long-Acting Estrogen-based Growth Promotant on Growth and Performance, Carcass Characteristics in Holstein Steers VETLIFE, LLC 02-031	\$23,070	7/1/01 - 6/30/03
BECKETT, JONATHON	Efficacy and Persistency of Pour-on Dewormers Differing in Active Ingredient and Carrier on Weight Gain and Fecal Egg Count in Stocker Beef Cattle FORT DODGE ANIMAL HEALTH 02-132	\$37,969	2/1/02 - 7/31/02

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<b><u>Animal Science</u></b>			
<b>BECKETT, JONATHON</b>	<b>Innovative &amp; Integrated Undergraduate Learning Experiences in Animal Biotechnology</b> U.S. DEPT OF AGRICULTURE - CHALLENGE GRANT PROGRAM VIA UNIVERSITY OF NEBRASKA 02-146	\$70,990	9/1/02 - 8/31/05
<b>HALL, MICHAEL</b> HALLOCK, BRENT G	<b>Implementation and Comparison of Best Management Practices in Reducing Non-Point Pollution and Improving Water Quality in the Brizzolari and Stenner Creeks on the Cal Poly Campus</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 01-007	\$88,525	7/1/00 - 6/30/03
<b>HALL, MICHAEL</b> VERNON, SCOTT	<b>Cal Poly Resource Management Outreach Project: An Interdisciplinary Approach for Improved Rangeland Health, Productivity and Water Quality</b> CA DEPT OF FOOD AND AGRICULTURE 02-207	\$249,845	7/1/02 - 6/30/04
<b>NOLAND, JAYMIE</b> LUND, MICHAEL W	<b>Embryo Recovery Rates Using Fresh and Frozen-Thawed Quarter Horse Semen</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-039	\$168,450	7/1/01 - 6/30/03
<b>PLUMMER, WILLIAM</b>	<b>Efficacy of Adding Platelet Activating Factor (PAF) to Extended Semen for AI to Enhance Conception Rates</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-034	\$39,000	7/1/01 - 6/30/04
<b>THULIN, ANDREW</b>	<b>Training Student Intern in Epidemiology in the Companion Animal Industry</b> ELI LILLY & COMPANY 02-137	\$20,000	2/1/02 - 8/31/02
<b>VANCE, ROBERT D</b>	<b>Development of a Low-fat, Cold Bound Restructured Lamb Chop Suitable for Broiling</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-059	\$5,750	7/1/01 - 6/30/02
<b><u>BioResource and Agricultural Engineering</u></b>			
<b>BURT, CHARLES</b>	<b>Partnership Framework for Identification, Review &amp; Analysis of Water Conservation/Mgmt Projects</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 01-281	\$30,000	5/1/01 - 9/30/01
<b>BURT, CHARLES</b>	<b>Drip Irrigation Salinity</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-032	\$130,138	7/1/01 - 6/30/03
<b>BURT, CHARLES</b>	<b>International Irrigation Training Program</b> UN FOOD AND AGRICULTURE ORGANIZATION 02-072	\$23,200	12/1/01 - 5/30/02
<b>BURT, CHARLES</b>	<b>Summer Irrigation Evaluation Team</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 02-150	\$30,000	3/1/02 - 9/30/02
<b>BURT, CHARLES</b>	<b>Water Conservation Technical Assistance to Yuma Area Irrigation Districts</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 02-151	\$70,000	10/1/01 - 9/30/04
<b>BURT, CHARLES</b>	<b>Backflow Prevention Web Page</b> CA DEPT OF PESTICIDE REGULATION 02-153	\$30,000	3/1/02 - 9/30/03

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<b><u>BioResource and Agricultural Engineering</u></b>			
BURT, CHARLES	<b>Modeling of the Gila Gravity Main Canal for Automation</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 02-191	\$23,613	4/5/02 - 9/30/02
STROHMAN, ROLLIN	<b>Use of AVHRR data for weather station data interpolation and detection of station sensor failure</b> NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION 02-070	\$13,759	3/1/02 - 2/28/03
STROHMAN, ROLLIN	<b>Alignment of tractor and implements used in auto guidance systems with standard surveying equipment</b> CA DEPT OF FOOD AND AGRICULTURE VIA UNIVERSITY OF CALIFORNIA, DAVIS 02-206	\$17,276	7/1/02 - 6/30/04
STYLES, STUART BURT, CHARLES	<b>3-Year Technical Assistance Program to Irrigation Districts to Partially Address all of the CALFED Quantifiable Objectives</b> CA DEPT OF WATER RESOURCES 01-276	\$300,000	6/15/01 - 6/14/04
STYLES, STUART	<b>Technology Transfer for US Bureau of Reclamation Water Users</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 02-047	\$900,000	1/1/02 - 12/31/04
STYLES, STUART	<b>Rapid Appraisal of an Irrigation District in the San Joaquin Valley</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 02-154	\$10,000	3/1/02 - 9/30/02
STYLES, STUART	<b>Replogle Flume Field Design Class</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 02-155	\$6,000	3/1/02 - 9/30/02
WALKER, ROBERT	<b>Efficient Landscape Water Program</b> CA DEPT OF WATER RESOURCES 01-248	\$244,000	6/15/01 - 6/30/03
WILLIAMS, DOUGLAS	<b>Covered Lagoon Methane Recovery System for a Flush Dairy</b> WESTERN UNITED RESOURCE DEVELOPMENT, INC. 02-082	\$37,500	1/1/02 - 12/31/07
<b><u>College of Agriculture</u></b>			
MARK, WALTER	<b>Networking for Urban Forestry in California</b> CA DEPT OF FORESTRY 02-045	\$50,000	7/1/01 - 6/30/02
MARK, WALTER	<b>Sudden Oak Death Distribution, Detection, Control, and Spread Modeling</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE (SYSTEMWIDE) 02-123	\$466,425	7/1/02 - 6/30/05
SHELTON, MARK	<b>Higher Education and Training Systems (SO-2)</b> U.S. DEPT OF AGRICULTURE 02-010	\$55,000	9/1/01 - 8/31/02
WEHNER, DAVID J	<b>MESA Agriculture Initiative Program 2002-2003</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 02-214	\$88,576	7/1/02 - 6/30/03

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Dairy Products Technology Center</u></b>			
FARKYE, NANA	<b>Comparison of U.S. and Irish Cheddar Cheeses</b> U.S. DEPT OF AGRICULTURE (FAS) 02-065	\$45,000	3/1/02 - 12/31/04
FARKYE, NANA	<b>Characterization and Isolation of Peptides from Cheddar Cheese</b> SHIMADZU SCIENTIFIC INSTRUMENTS 02-078	\$186,270	7/1/02 - 6/30/03
FERREIRA, LESLIE	<b>Dairy Science Vocational Training Program</b> U.S. DEPT OF JUSTICE, BUREAU OF PRISONS 02-167	\$160,000	3/1/02 - 9/30/05
JIMENEZ-FLORES, RAFAEL	<b>Organic Acid Determination by Capillary Electrophoresis as Quality Parameter of Buttermilk</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-002	\$106,773	7/1/01 - 6/30/03
JIMENEZ-FLORES, RAFAEL	<b>Charactization of Chemical and Physical Properties of Novel and Traditional Cellulose Solutions &amp; Gels</b> FZIOMED, INC. 02-009	\$21,362	10/1/01 - 9/30/02
JIMENEZ-FLORES, RAFAEL	<b>Milk Powder Properties Due to Heat Interaction Among Milk Proteins</b> CA DAIRY RESEARCH FOUNDATION 02-021	\$87,259	1/1/02 - 12/31/02
JIMENEZ-FLORES, RAFAEL	<b>Factors that Influence Lactose Crystallization and its Relationship to Keeping Quality</b> CA DAIRY RESEARCH FOUNDATION 02-026	\$149,538	6/1/02 - 5/31/04
JIMENEZ-FLORES, RAFAEL TONG, PHILLIP	<b>Genetic, Nutrition and Processing Factors Affecting the Lipid and Protein Composition of Buttermilk</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE (SYSTEMWIDE) 02-056	\$302,455	7/1/01 - 6/30/04
TONG, PHILLIP	<b>Freeze/Thaw Stability of Dairy Based Gels</b> CA DAIRY RESEARCH FOUNDATION 01-181	\$16,200	7/1/01 - 12/31/01
TONG, PHILLIP	<b>Reconstitution Options for Skim Milk Powder</b> CA DAIRY RESEARCH FOUNDATION 01-204	\$21,600	7/1/01 - 12/31/01
TONG, PHILLIP	<b>Physical &amp; Sensory Properties of Dairy Foods Containing Simplesse</b> CP KELCO, INC. 01-269	\$34,200	9/26/00 - 6/30/01
TONG, PHILLIP	<b>Cheese Manufacturing Short Course I &amp; II and Milk Processing Short Course</b> CA CHEESE RESEARCH & EDUCATION FUND 02-028	\$10,750	1/1/01 - 12/31/01
TONG, PHILLIP	<b>Cal Poly Dairy Ingredients Applications Program 2002</b> CA DAIRY RESEARCH FOUNDATION 02-063	\$396,183	1/1/02 - 12/31/02
TONG, PHILLIP	<b>Evaluation of Novozymes In Mozzarella Cheese Manufacture</b> NOVOZYMES NORTH AMERICA, INC. 02-097	\$7,000	11/15/01 - 12/15/01

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<b><u>Dairy Science</u></b>			
JASTER, EDWIN	<b>Evaluation of Quality, Quantity and Timing of Colostrum Feeding on Immunoglobulin G1 Absorption in Jersey Calves</b> AJCC RESEARCH FOUNDATION 02-087	\$7,400	4/1/02 - 12/31/03
REIF, GARY	<b>Training Student Interns to Judge Milk and Cottage Cheese Quality (2002)</b> CA MILK ADVISORY BOARD 02-133	\$9,939	1/1/02 - 12/31/02
<b><u>Earth &amp; Soil Sciences</u></b>			
HALLOCK, BRENT G RICE, THOMAS	<b>USDA/EPA National Agricultural Compliance Assistance Program</b> U.S. DEPT OF AGRICULTURE (CSREES) VIA NORTH CAROLINA STATE UNIVERSITY 02-024	\$17,339	10/1/01 - 9/30/02
HALLOCK, BRENT G	<b>Rangeland Resources Student Training</b> VAN VLECK RANCHING & RESOURCES, INC. 02-222	\$10,000	7/1/01 - 3/31/03
<b><u>Food Science &amp; Nutrition</u></b>			
MONTECALVO, JOSEPH	<b>Characterization and Food Product Applications of Acidified Tomato By-Products</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-033	\$72,000	7/1/01 - 6/30/03
NOYES, O ROBERT	<b>Enhancing Market Opportunities for American Winegrapes through Vertical Integration</b> CA DEPT OF FOOD AND AGRICULTURE 02-020	\$30,200	8/1/01 - 9/30/02
PEDERSEN, MARY BERNER, LOUISE	<b>The BABES Project</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-042	\$54,778	1/1/01 - 12/31/03
<b><u>Horticulture &amp; Crop Science</u></b>			
BROWN, J WYATT HAMPSON, BRIAN	<b>Bulk Modified Atmosphere Packaging of Fresh Produce Commodities</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-057	\$13,000	7/1/01 - 6/30/02
COSTELLO, MICHAEL J PATTERSON, W. KEITH	<b>Cultural Practices for Integrating Arthropod Pest Management w/ Improvements in Grape &amp; Wine Quality</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-053	\$77,374	7/1/01 - 6/30/03
COSTELLO, MICHAEL J STEINMAUS, SCOTT	<b>Identifying Environmental Variables that Influence the Severity of Pierce's Disease and the Glassy-winged Sharpshooter</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-054	\$231,265	7/1/01 - 6/30/04
COSTELLO, MICHAEL J STEINMAUS, SCOTT	<b>Interactions among weeds, ants and obscure mealybug in Central Coast vineyards</b> UNIVERSITY OF CALIFORNIA 02-125	\$55,595	4/1/02 - 3/31/05
COSTELLO, MICHAEL J STEINMAUS, SCOTT	<b>Interactions among weeds, ants and obscure mealybug in Central Coast vineyards</b> AMERICAN VINEYARD FOUNDATION 02-139	\$44,145	4/1/02 - 3/31/05

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<b><u>Horticulture &amp; Crop Science</u></b>			
COSTELLO, MICHAEL J PATTERSON, W. KEITH	<b>Irrigation practices for integrating leafhopper pest management with improvements in wine quality</b> U.S. DEPT OF AGRICULTURE VIA UNIVERSITY OF CALIFORNIA - VITICULTURE CONSORTIUM 02-140	\$64,716	4/1/02 - 3/31/05
COSTELLO, MICHAEL J	<b>Irrigation practices for integrating leafhopper pest management with improvements in wine quality</b> UNIVERSITY OF CALIFORNIA 02-141	\$87,366	4/1/02 - 3/31/05
COSTELLO, MICHAEL J STEINMAUS, SCOTT	<b>Why do certain grape growing regions show more resistance to Pierce's disease than others?</b> CA DEPT OF FOOD AND AGRICULTURE 02-205	\$83,904	7/1/02 - 6/30/04
COSTELLO, MICHAEL J STEINMAUS, SCOTT	<b>A Holistic Integrated Pest Management (IPM) Program for Management of Pierce's Disease on Grapes</b> U.S. ENVIRONMENTAL PROTECTION AGENCY 02-218	\$39,835	7/1/02 - 6/30/04
HEADRICK, DAVID	<b>Citrus IPM: Secondary Pest Biology and Demography</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-003	\$39,533	7/1/01 - 6/30/02
HEADRICK, DAVID	<b>Ecological Studies, Management, &amp; Natural Enemy Releases for Citrus Peelminer, Marmara gulosa Davis &amp; Guillen in the Central Valley</b> CITRUS RESEARCH BOARD 02-011	\$177,214	11/1/01 - 10/31/04
HEADRICK, DAVID	<b>Natural Enemy Efficacy</b> SYNGENTA BIOLINE 02-052	\$400	6/21/01 - 6/20/02
PATTERSON, W. KEITH	<b>Evaluation of newly developed nematode-resistant grape rootstock planted in coastal regions in conjunction w/ inoculation of vesicular arbuscular mycorrhizal fungi</b> UNIVERSITY OF CALIFORNIA 02-127	\$67,049	5/1/02 - 4/30/05
PATTERSON, W. KEITH	<b>Evaluation of newly developed nematode-resistant grape rootstock planted in coastal regions in conjunction w/ inoculation of vesicular arbuscular mycorrhizal fungi</b> AMERICAN VINEYARD FOUNDATION 02-130	\$49,666	5/1/02 - 4/30/05
PATTERSON, W. KEITH	<b>Evaluation of newly developed nematode-resistant grape rootstock planted in coastal regions in conjunction w/ inoculation of vesicular arbuscular mycorrhizal fungi</b> CA GRAPE ROOTSTOCK IMPROVEMENT COMMISSION 02-143	\$49,666	5/1/02 - 4/30/05
PHILLIPS, JOHN	<b>Compost Demonstration Site and Workshop Series at the Cal Poly Student Experimental Farm</b> CA INTEGRATED WASTE MANAGEMENT BOARD 02-129	\$54,186	6/18/02 - 6/17/04
WALTER, VIRGINIA	<b>Continued Studies of the Effect of Retractable Roof Greenhouses on Solarization</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-060	\$12,000	7/1/01 - 6/30/04
<b><u>MESA Agricultural Initiative</u></b>			
HARRISON, BRET WEHNER, DAVID J	<b>Targeted Agricultural Biology and Chemistry Curriculum Augmentation in the High School Classroom</b> CA DEPT OF FOOD AND AGRICULTURE 02-187	\$274,994	7/1/02 - 6/30/04

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<b><u>Natural Resource Management</u></b>			
DIETTERICK, BRIAN STROHMAN, ROLLIN	<b>LIDAR Geomorphic Evaluation of Watershed and Channel Characteristics in the Little Creek Watershed, Swanton Pacific Ranch</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-055	\$102,665	7/1/01 - 6/30/04
DIETTERICK, BRIAN MARK, WALTER	<b>Water Quality and Geomorphic Evaluation Following Selection Timber Harvesting</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI 02-058	\$324,983	10/1/02 - 9/30/05
DIETTERICK, BRIAN MARK, WALTER	<b>McIntire-Stennis - Lower Scotts and Queseria Creeks Channel and Habitat Restoration</b> U.S. DEPT OF AGRICULTURE (CSREES) 02-062	\$19,365	10/1/01 - 9/30/06
DIETTERICK, BRIAN MARK, WALTER	<b>Water Quality and Geomorphic Evaluation Following Selection Timber Harvesting</b> U.S. DEPT OF AGRICULTURE (CSREES) 02-160	\$536,724	10/1/02 - 9/30/05
GILL, SAMANTHA	<b>Giant Sequoia Height to Crown Inventory and Biomass Project</b> U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 01-182	\$33,400	10/1/01 - 9/30/02
GILL, SAMANTHA DICUS, CHRISTOPHER A.	<b>Protection of Giant Sequoia Groves from Catastrophic Wildfire</b> TURNER FOUNDATION, INC. 02-165	\$565,521	6/1/02 - 5/31/06
HENDRICKS, WILLIAM	<b>Day Use Preferences Survey: Data Collection on the Los Padres National Forest</b> U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 02-182	\$10,070	5/1/02 - 10/31/02
PIIRTO, DOUGLAS	<b>Management Strategies in Young-Growth Giant Sequoia Stands at Mountain Home State Forest- Remeasurement 12 Yrs. After Treatment</b> CA DEPT OF FORESTRY 01-168	\$76,500	5/1/01 - 6/30/04
PIIRTO, DOUGLAS MARK, WALTER	<b>Silvicultural Management Strategies for Pitch Canker Infected Ano Nuevo Stands of Monterey Pine - Phase II</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-004	\$156,851	7/1/01 - 6/30/04
PIIRTO, DOUGLAS	<b>Student Assistants for California Department of Forestry (2001-2003)</b> CA DEPT OF FORESTRY VIA CSU CHANCELLOR'S OFFICE 02-014	\$48,750	7/1/01 - 6/30/03
PIIRTO, DOUGLAS WEHNER, DAVID J	<b>McIntire-Stennis Forestry Research Program (2001-2002)</b> U.S. DEPT OF AGRICULTURE (CSREES) 02-061	\$19,537	10/1/01 - 9/30/02
PIIRTO, DOUGLAS	<b>Stand Structure &amp; Sierran Bird Response to 3 Management Treatments in Second-Growth Giant Sequoia (sequoiadendron giganteum) Stands</b> SAVE-THE-REDWOODS-LEAGUE 02-176	\$12,000	6/1/02 - 5/31/04
PIIRTO, DOUGLAS	<b>Stand Structure &amp; Sierran Song-Bird Response to 3 Management Treatments in Second-Growth Giant Sequoia (sequoiadendron giganteum) Stands- Establishing an Ecological Balance</b> CHARLES A. AND ANNE MORROW LINDBERGH FOUNDATION 02-217	\$10,580	6/1/03 - 5/31/04

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<b><u>Natural Resource Management</u></b>			
PIIRTO, DOUGLAS	<b>Stand Structure &amp; Sierran Bird Response to 3 Management Treatments in Second-Growth Giant Sequoia (<i>sequoiadendron giganteum</i>) Stands</b> SIERRA FOREST PRODUCTS 02-220	\$11,994	6/1/02 - 5/31/04
PILLSBURY, NORMAN MARK, WALTER	<b>Long-Term Growth, Sudden Oak Death Assessment and Economic Viability of Coast Live Oak in Three California Counties - Third Remeasurement/17 Years</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 02-018	\$52,750	7/1/01 - 6/30/04
VILKITIS, JAMES	<b>Cal Poly Wetland Project - Exotic Pest Plant Identification &amp; Control Plan, Phase I</b> MORRO BAY NATIONAL ESTUARY PROGRAM 01-229	\$5,000	7/1/01 - 1/31/02
VILKITIS, JAMES	<b>Cal Poly Wetland Project - Exotic Pest Plant Eradication and Monitoring Plan-Phase II</b> MORRO BAY NATIONAL ESTUARY PROGRAM 02-081	\$25,000	9/1/01 - 10/14/02

### **Architecture & Env Design**

#### **Architecture**

MCDONALD, MARGOT	<b>Development of a Sustainable Environmental Design Education Program, January 2002</b> CA INTEGRATED WASTE MANAGEMENT BOARD 02-104	\$50,000	4/26/02 - 12/31/03
POHL, JENS	<b>Extended Development Requirements Within the Integrated Computerized Deployment Systems (ICODES)</b> U.S. DEPT OF DEFENSE (US ARMY, HQMTMC) 02-008	\$210,023	9/15/01 - 12/30/01
POHL, JENS	<b>Collaborative Decision-Support Systems Workshop</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 02-025	\$53,500	1/1/02 - 12/31/02
POHL, JENS	<b>IMMACCS (Integrated Marine Multi-Agent Command and Control System) Technology Transition Project</b> CDM TECHNOLOGIES, INC. 02-095	\$142,000	12/29/01 - 3/31/02
POHL, JENS	<b>ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support</b> CDM TECHNOLOGIES, INC. 02-096	\$420,000	12/31/01 - 4/30/02
POHL, JENS	<b>IMMACCS - 02 (Integrated Marine Multi-Agent Command and Control System) Technology Transition Project</b> CDM TECHNOLOGIES, INC. 02-239	\$159,932	5/18/02 - 7/26/02
POHL, JENS	<b>ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support</b> CDM TECHNOLOGIES, INC. 02-251	\$209,999	6/1/02 - 8/23/02

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<b><u>Architecture</u></b>			
POHL, JENS	<b>Optimization of Military and Commercial Goods Movement Through Southern California Using Information Technology, Phase I</b> CA STATE UNIVERSITY LONG BEACH FOUNDATION 02-253	\$8,000	6/1/02 - 12/31/02
POHL, JENS	<b>Phase II Port of Entry Inspection Technology Infrastructure Project</b> CA STATE UNIVERSITY LONG BEACH FOUNDATION 02-254	\$10,000	6/1/02 - 12/31/02
<b><u>City &amp; Regional Planning</u></b>			
BOSWELL, MICHAEL	<b>Improving Use of Scientific Information in Environmental Decision-Making: Analysis of Local Government Compliance with NPDES Storm Water Phase II Program</b> U.S. ENVIRONMENTAL PROTECTION AGENCY/NSF VIA UNIVERSITY OF KANSAS 02-202	\$94,669	1/15/03 - 1/14/05
DEL RIO NASCIMENTO, VICENTE	<b>Grand Avenue Façade Enhancement Study</b> CITY OF GROVER BEACH  02-215	\$5,652	5/20/02 - 7/30/02
HOWARD, ZELJKA PAVLOVICH	<b>New Towns Alternatives - El Pomar-Estella Planning Area</b> SAN LUIS OBISPO COUNTY  02-069	\$8,000	9/24/01 - 4/15/02
HOWARD, ZELJKA PAVLOVICH DEL RIO NASCIMENTO, VICENTE	<b>Traffic Way Design Study (City of Arroyo Grande, CA)</b> CITY OF ARROYO GRANDE  02-219	\$3,000	4/2/02 - 6/30/02
SIEMBIEDA, WILLIAM DUBBINK, DAVID	<b>HUD Internship Support</b> SAN LUIS OBISPO COUNTY 02-077	\$1,250	12/1/01 - 6/30/02
SIEMBIEDA, WILLIAM	<b>Community Development Work Study Program (CDWSP)</b> U.S. DEPT OF HOUSING AND URBAN DEVELOPMENT (CDWSP) 02-157	\$90,000	9/1/02 - 6/30/04
SIEMBIEDA, WILLIAM	<b>Regional Influence on Local Area Vulnerability and Disaster Mitigation</b> CENTER FOR DISASTER MANAGEMENT AND HUMANITARIAN ASSISTANCE 02-180	\$103,303	7/1/02 - 5/30/03

### Business

#### Accounting

CERF, DOUGLAS	<b>Charity Window: A Search Engine and Database of Financial Data for Non-For-Profit Charitable Organizations</b> NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 02-107	\$12,310	1/7/02 - 8/31/02
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## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b>Education</b>			
<b>Education</b>			
BROWN, CARL	<b>SEMI CIRCLE Project: Technological Explorations for Underrepresented High School Students</b> VERIZON FOUNDATION 01-278	\$30,000	1/1/01 - 9/30/02
NULMAN, DENNIS M	<b>Blended Program of Undergraduate Teacher Preparation</b> CA COMMISSION ON TEACHER CREDENTIALING 02-036	\$49,980	12/1/01 - 5/31/02
NULMAN, DENNIS M	<b>Changing the Persona: Teachers for Children with Disabilities in CA Central Coast</b> U.S. DEPT OF EDUCATION 02-119	\$599,938	7/1/02 - 6/30/06
<b>Teacher Education</b>			
HERNANDEZ, ANITA	<b>English Language Acquisiton: National Professional Development</b> U.S. DEPT OF EDUCATION 02-236	\$1,250,000	10/1/02 - 9/30/07
<b>Engineering</b>			
<b>Aerospace Engineering</b>			
BIEZAD, DANIEL	<b>Development of a Landing Gear Model for Aircraft Simulation</b> LOCKHEED MARTIN AERONAUTICS 02-083	\$31,601	12/1/01 - 11/30/02
HALL, DAVID W.	<b>Mars Airplane Mission and Technology Development</b> NASA - AMES RESEARCH CENTER 01-243	\$59,984	7/16/01 - 6/30/02
HALL, DAVID W.	<b>Lockheed Martin/Cal Poly Advanced Aircraft Design Project 2001</b> LOCKHEED MARTIN 01-290	\$30,000	9/1/01 - 8/31/02
HALL, DAVID W.	<b>Roadable Aircraft International Master Agreement 2001-2007</b> ROADABLE AIRCRAFT INTERNATIONAL 02-112	\$0	1/1/02 - 12/31/07
HALL, DAVID W.	<b>Intercontinental Cruise Missile Analysis</b> BOEING COMPANY, THE 02-256	\$12,000	7/1/02 - 10/31/02
HALL, DAVID W.	<b>Innovative Runway Independent Short Takeoff and Landing Concepts and Design Methods</b> NASA - AMES RESEARCH CENTER 02-257	\$25,000	7/1/02 - 12/31/02
TSO, JIN	<b>Development of Reliable Base-Drag Reduction Technology for Reusable Launch Vehicles</b> NASA - MARSHALL SPACE FLIGHT CENTER 02-171	\$98,146	10/1/02 - 2/28/05
TSO, JIN	<b>Development of Reliable Base-Drag Reduction Technology for Reusable Launch Vehicles. ( TA #10)</b> NASA - MARSHALL SPACE FLIGHT CENTER 02-179	\$98,146	8/1/02 - 2/28/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>ARDF</u></b>			
GERFEN, JEFFREY	<b>Modifications and Support for Microscale Emissions Modeling System</b> CA AIR RESOURCES BOARD 02-043	\$29,982	6/30/02 - 6/29/03
GERFEN, JEFFREY	<b>Automatic Vehicle Location System for VCC</b> VISALIA, CITY OF 02-046	\$530,235	11/29/01 - 8/29/02
GERFEN, JEFFREY	<b>Evaluation of Passenger Counter Systems in the Transit Environment</b> PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 02-120	\$99,889	7/1/02 - 6/30/03
GERFEN, JEFFREY	<b>Mobile TMC</b> PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 02-121	\$240,775	7/1/02 - 6/30/04
<b><u>Civil &amp; Environmental Engineering</u></b>			
COTA, HAROLD GOULD WELLS, DIANA	<b>Air Pollution Training Grant 2002-2007</b> U.S. ENVIRONMENTAL PROTECTION AGENCY 02-238	\$212,500	10/1/02 - 9/30/07
GOEL, RAKESH	<b>Dynamic Analysis Procedures for Performance-Based Seismic Engineering</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, BERKELEY 02-029	\$81,261	4/1/02 - 3/31/05
GOEL, RAKESH KASPER, ERIC P.	<b>A Seismic Simulator Facility for the Advanced Technology Laboratory</b> NATIONAL SCIENCE FOUNDATION 02-103	\$1,498,159	10/1/02 - 9/30/04
GOEL, RAKESH	<b>Evaluation of Nonlinear Static Procedures Using Strong-Motion Building Records</b> CA DEPT OF CONSERVATION 02-174	\$50,000	5/1/02 - 10/31/03
NELSON, YARROW M.	<b>Heavy Metals in Morro Bay Shellfish</b> MORRO BAY NATIONAL ESTUARY PROGRAM 02-098	\$4,887	1/1/02 - 6/15/02
NELSON, YARROW M.	<b>Collaborative Research: Biological vs. Abiotic Mechanism of Mn Oxidation in Soil, Kinetics of Mn Oxidation and Mn Oxide Reactivity.</b> NATIONAL SCIENCE FOUNDATION 02-099	\$174,022	7/1/02 - 6/30/05
SULLIVAN, EDWARD	<b>Task #2 Safety of Trees in Narrow Medians of Urban Highways - Phase I</b> CA DEPT OF TRANSPORTATION (CALTRANS) 01-086	\$28,650	8/1/01 - 1/31/02
SULLIVAN, EDWARD GOULD WELLS, DIANA	<b>Task #1 TMC Training Program 2001-2002</b> CA DEPT OF TRANSPORTATION (CALTRANS) 02-015	\$103,998	8/1/01 - 6/30/02
SULLIVAN, EDWARD	<b>Task #3 Safety of Trees in Narrow Medians of Urban Highways - Phase II</b> CA DEPT OF TRANSPORTATION (CALTRANS) 02-126	\$67,146	2/1/02 - 2/28/03

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>College of Engineering</u></b>			
WALSH, DANIEL	<b>Raytheon Master Agreement</b> RAYTHEON COMPANY 02-173	\$0	3/1/02 - 2/28/07
WALSH, DANIEL GRIFFIN, LANNY	<b>Biomedical Engineering at Cal Poly, A Pertinent Degree for the New Century</b> WHITAKER FOUNDATION 02-175	\$966,000	12/1/02 - 11/30/05
<b><u>Computer Science</u></b>			
ROGERS, ERIKA	<b>DARPA/NSF Study on Human-Robot Interaction</b> NATIONAL SCIENCE FOUNDATION 01-280	\$30,000	7/1/01 - 12/31/01
<b><u>Electrical Engineering</u></b>			
ARAKAKI, DEAN	<b>Electromagnetic Compatibility (EMC) Course Development</b> IEEE ELECTROMAGNETIC COMPATIBILITY SOCIETY 02-186	\$9,998	9/1/02 - 8/31/03
<b><u>Industrial &amp; Manufacturing Engineering</u></b>			
ALPTEKIN, SEMA	<b>Autonomous Tactical Reconnaissance Platform</b> U.S. DEPT OF DEFENSE 02-102	\$235,000	4/1/01 - 1/31/02
ALPTEKIN, SEMA CHEN, KATHERINE C.	<b>Building Bridges: Continuity in Engineering Education</b> NATIONAL SCIENCE FOUNDATION 02-212	\$99,595	1/1/03 - 12/31/03
WALDORF, DANIEL	<b>The Changing Face of Engineering at Cal Poly</b> SOCIETY OF MANUFACTURING ENGINEERS EDUCATION FOUNDATION 01-272	\$294,180	10/1/01 - 9/30/03
YANG, TAO LIU, MEI-LING	<b>RUI: Study on the Efficiency and Scalability of a Mobile-Agent Based Information Network in Supply Chain Management</b> NATIONAL SCIENCE FOUNDATION (RUI) 02-040	\$220,255	9/1/02 - 8/31/03
<b><u>Materials Engineering</u></b>			
CHEN, KATHERINE C. KOOISTRA, GREGORY E	<b>Synthesis, Characterization, and Mechanical Properties of Open Pore NiTi Structures</b> MATERIALS RESEARCH SOCIETY 02-051	\$997	11/16/01 - 3/29/02
GRIFFIN, LANNY JONES, DANE	<b>Advanced Polymer-based Splinting System for Use in Tactical Environments</b> U.S. DEPT OF DEFENSE 02-091	\$293,185	3/1/02 - 9/30/03
LONDON, BLAIR	<b>Metal Flow and Forging During Friction Stir Welding High-Strength Aluminum Alloys</b> FORGING INDUSTRY EDUCATIONAL & RESEARCH FOUNDATION 02-016	\$12,578	10/1/01 - 12/31/02

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Materials Engineering</u></b>			
VANASUPA, LINDA	<b>CCLI -EMD</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) VIA CUESTA COLLEGE 02-240	\$52,120	1/1/03 - 12/31/06
<b><u>Mechanical Engineering</u></b>			
DAVOL, ANDREW	<b>Characterization of the Compression Behavior of Concrete Filled Fiber Reinforced Shells Designed for Flexural Applications</b> NATIONAL SCIENCE FOUNDATION 02-144	\$41,327	9/1/02 - 8/31/03
HIGGINS, BRIAN	<b>Demonstration of Transient and Startup Operation of an E85 HCCI Engine</b> CA ENERGY COMMISSION VIA SAN DIEGO STATE UNIVERSITY FOUNDATION 02-156	\$74,986	9/1/02 - 8/31/03
KLISCH, STEPHEN M.	<b>A Biomechanical Model of Growth for Developing Articular Cartilage</b> WHITAKER FOUNDATION 02-199	\$229,574	1/1/03 - 12/31/05
KLISCH, STEPHEN M.	<b>The Biomechanics of Articular Cartilage Growth</b> NATIONAL INSTITUTES OF HEALTH 02-200	\$101,250	4/1/03 - 5/31/06
MELLO, JOSEPH D.	<b>Stiffness of Adhesively Bonded Composite Structure</b> AIR FORCE RESEARCH LAB 01-263	\$14,994	7/1/01 - 6/30/02
MELLO, JOSEPH D. KASPER, ERIC P.	<b>Damage Modeling Via A Multi-Continuum/Homogenization Approach: Numerical and Experimental Validation</b> NATIONAL SCIENCE FOUNDATION 02-038	\$389,047	9/1/02 - 8/31/05
MELLO, JOSEPH D.	<b>Inflatable Wing Structural Testing, Analysis, and Design</b> NASA DRYDEN 02-185	\$25,805	6/1/02 - 9/30/02
MELLO, JOSEPH D.	<b>Task #3 Bonded Silicon/Titanium Composite Finite Element Analysis Development</b> RAYTHEON COMPANY 02-245	\$6,970	6/15/02 - 8/31/02
NIKU, SAEED LOCASCIO, JAMES	<b>Mechatronics Educational Modules for Undergraduate Engineering Students and Junior High and High School Teachers.</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 02-194	\$71,836	1/1/03 - 12/31/05
<b><u>Minority Engineering Program</u></b>			
CANTU, DAVID LEE, PETER	<b>MESA Schools Program 2002-2003</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 02-192	\$75,000	7/1/02 - 8/31/03
CANTU, DAVID	<b>Mesa Minority Engineering Program 2002-2003</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 02-203	\$72,114	7/1/02 - 8/31/03

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b>Liberal Arts</b>			
<b><u>Cal Poly Arts</u></b>			
WILT, PETER	<b>Stone Soup Ethnic Music Faire</b> SAN LUIS OBISPO COUNTY 02-017	\$5,000	7/1/01 - 6/30/02
WILT, PETER	<b>WESTAF TourWest Program 2002-03 Season</b> WESTERN STATES ART FEDERATION 02-050	\$5,000	7/1/02 - 6/30/03
WILT, PETER	<b>California Arts Council Touring and Presenting Program 2002-2003</b> CA ARTS COUNCIL TOURING AND PRESENTING PROGRAM 02-162	\$14,500	7/1/02 - 6/30/03
WILT, PETER	<b>SLO County Community Foundation Grant</b> SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 02-163	\$4,000	4/1/02 - 3/31/03
WILT, PETER	<b>Poly Arts for Youth for 2002-2003 Season</b> SAN LUIS OBISPO COUNTY PROMOTIONAL COMMITTEE GRANTS-IN-AID 02-168	\$4,000	7/1/02 - 6/30/03
<b><u>Communication Studies</u></b>			
DUFFY, BERNARD	<b>The History and Rhetoric of Great American Speeches</b> NATIONAL ENDOWMENT FOR THE HUMANITIES 02-128	\$110,903	7/1/02 - 7/31/02
<b><u>Ethnic Studies</u></b>			
LANGSTON, DONNA	<b>Celebrating Community Through the Arts</b> GOVERNOR'S OFFICE ON SERVICE AND VOLUNTEERISM (GO SERV) 02-073	\$13,079	1/1/02 - 6/30/02
LANGSTON, DONNA	<b>Seeing the Indian: Visual Images in Photography and Film</b> NATIONAL ENDOWMENT FOR THE HUMANITIES 02-134	\$30,000	9/1/02 - 2/28/03
LANGSTON, DONNA	<b>Readings by Victor Villasenor</b> SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 02-164	\$3,850	10/1/02 - 10/31/02
<b><u>Graphic Communications</u></b>			
APFELBERG, HERSCHEL RUGGLES, PHILIP	<b>Statistical Sampling Program</b> TIME WARNER, INC. 02-100	\$48,640	1/1/02 - 12/31/02
GODIN, STEPHEN	<b>Mobius Technical WF Analysis Project (Bambino 1.1).</b> HEWLETT PACKARD CORPORATION 02-084	\$44,550	11/5/01 - 1/22/02
GODIN, STEPHEN LAWLER, BRIAN	<b>Production Workflow Solutions</b> HEWLETT PACKARD CORPORATION 02-169	\$44,298	3/15/02 - 4/8/02

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Graphic Communications</u></b>			
GODIN, STEPHEN LAWLER, BRIAN	<b>Commercial Printing Industry Training: Hardware and Software Solutions</b> HEWLETT PACKARD CORPORATION 02-172	\$8,813	3/25/02 - 3/29/02
GODIN, STEPHEN	<b>Multi-Channel Customer Correspondence Study</b> ELECTRONIC DOCUMENT SYSTEMS FOUNDATION 02-234	\$18,000	5/1/02 - 9/30/02
GODIN, STEPHEN	<b>GAERF Flexography Workshop</b> GRAPHIC ARTS EDUCATION AND RESEARCH FOUNDATION 02-242	\$9,184	8/1/03 - 8/31/03
GODIN, STEPHEN	<b>GAERF Graphic Arts Teacher's Workshop</b> GRAPHIC ARTS EDUCATION AND RESEARCH FOUNDATION 02-243	\$18,415	7/1/03 - 7/31/03
LEVENSON, HARVEY	<b>Cal Poly - Hewlett Packard Master Sponsored Research Agreement</b> HEWLETT PACKARD CORPORATION 02-071	\$0	11/30/01 - 11/30/03
<b><u>Liberal Studies</u></b>			
DUFFY, SUSAN FRIEND, KATHLEEN	<b>San Luis Coastal Unified School District &amp; Cal Poly State University Arts in Education Model Development &amp; Dissemination Project</b> U.S. DEPT OF EDUCATION 01-271	\$984,838	1/1/02 - 12/31/04
DUFFY, SUSAN FRIEND, KATHLEEN	<b>Rural Schools Professional Development Project for Arts Education 2002</b> CA POSTSECONDARY EDUCATION COMMISSION 02-006	\$689,532	1/1/02 - 9/30/04
DUFFY, SUSAN	<b>Mythological and Folkloric Structures in Literature, Art, and Popular Culture: Gilgamesh to Arthur</b> NATIONAL ENDOWMENT FOR THE HUMANITIES 02-116	\$109,482	7/1/02 - 7/31/02
DUFFY, SUSAN	<b>ATTE Symposium for the Arts in Teaching and Teacher Education</b> INSTITUTE FOR EDUCATIONAL INQUIRY 02-170	\$15,035	7/1/02 - 6/30/03
<b><u>Modern Languages</u></b>			
TACHIBANA, YOSHIKO	<b>Support Program for Japanese-Language Courses</b> JAPAN FOUNDATION 02-090	\$13,542	9/1/02 - 6/30/03
<b><u>Social Sciences</u></b>			
JONES, TERRY	<b>Spatial Dimensions of Cultural Change: A GIS-based Analysis of Prehistoric Settlement Patterns in Interior and Coastal Southern California.</b> NATIONAL SCIENCE FOUNDATION (ROA) VIA ASM AFFILIATES, INC. 02-124	\$15,673	10/1/02 - 3/31/04
JONES, TERRY	<b>San Luis Obispo and Channel Coast Districts Archaeological Site Projects</b> CA DEPT OF PARKS & RECREATION 02-131	\$15,000	2/1/02 - 1/31/03

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Social Sciences</u></b>			
MORITZ, MAX	<b>Natural Fire Regimes and Complex Systems Dynamics</b> NATIONAL SCIENCE FOUNDATION 02-118	\$141,905	9/1/02 - 8/31/04
MORITZ, MAX	<b>Integrated Assessment of Fire Danger using Mesoscale Wind Models, Remote Sensing and Fire Spread Simulators</b> NASA VIA UNIVERSITY OF CALIFORNIA, SANTA BARBARA 02-147	\$148,962	10/1/02 - 9/30/05
<b><u>Science &amp; Mathematics</u></b>			
<b><u>Biological Sciences</u></b>			
ADAMS, NIKKI	<b>RUI: Molecular Targets of and Protection against Ultraviolet Radiation in Sea Urchin Embryos (RUI)</b> NATIONAL SCIENCE FOUNDATION (RUI) 02-111	\$416,974	7/1/02 - 6/30/05
BLACK, MICHAEL	<b>Control of Protein Traffic to the Endosomal Pathway in Saccharomyces Cerevisiae</b> BURROUGHS WELLCOME FUND-ELION FELLOWSHIP 02-044	\$223,500	10/1/01 - 9/30/04
CANO, RAUL JIMENEZ-FLORES, RAFAEL	<b>Biofilm Formation and Microbial Ecology of Spore Forming Bacilli in Correlation to Different Genotypes of Low Fouling Milk Proteins</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI 02-109	\$908,349	10/1/02 - 9/30/05
GAMBS, ROGER VILLABLANCA, FRANCIS	<b>Field Survey for Morro Bay Kangaroo Rats</b> CA DEPT OF FISH AND GAME 02-159	\$42,094	4/1/02 - 6/30/03
HANSON, MICHAEL	<b>Kit Fox Program at Camp Roberts 2002</b> CA ARMY NATIONAL GUARD 02-136	\$29,353	3/1/02 - 8/31/02
KITTS, CHRISTOPHER L MOLINE, MARK	<b>Linking Bacterioplankton Phylogenetic Structure and Function to Dominant Phytoplankton Taxa in the Ross Sea: A Look into the "Black Box":</b> NATIONAL SCIENCE FOUNDATION VIA DESERT RESEARCH INSTITUTE 02-145	\$497,013	5/1/03 - 4/30/06
MOLINE, MARK	<b>Development of Nested Autonomous Phytoplankton Monitoring Technology</b> NATIONAL SCIENCE FOUNDATION VIA MOTE MARINE LABORATORY 02-012	\$82,305	1/1/02 - 12/31/03
MOLINE, MARK	<b>Development of a Web-driven Automated Operational Cabled Vicarious Satellite Observatory in the Mid-Atlantic Bight</b> NOAA VIA MID-ATLANTIC BIGHT NATIONAL UNDERSEA RESEARCH CENTER 02-030	\$50,918	3/1/02 - 2/28/03
MOLINE, MARK	<b>Multi-Scale Model-Driven Sampling with Autonomous Systems at a National Littoral Laboratory</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH VIA RUTGERS UNIVERSITY 02-093	\$20,000	7/1/01 - 3/31/02
MOLINE, MARK	<b>Distributed Detection and Adaptive 3-D Mapping of Harmful Algal Blooms Incorporating Autonomous Underwater Vehicles</b> NOAA VIA MOTE MARINE LABORATORY 02-110	\$138,229	10/1/02 - 9/30/04

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Biological Sciences</u></b>			
MOLINE, MARK	<b>Short Term Predictions of Water-Leaving Bioluminescence Radiance</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH (YIP) 02-113	\$13,778	2/25/02 - 4/14/03
MOLINE, MARK ADAMS, NIKKI	<b>Construction of a Seawater System for California Polytechnic State University's Marine Education and Research Center</b> NATIONAL SCIENCE FOUNDATION 02-138	\$200,000	10/1/02 - 9/30/05
MOLINE, MARK	<b>Developing an Integrated Harmful Algal Bloom Shelf Observing System for the West Florida Shelf</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH VIA RUTGERS UNIVERSITY 02-161	\$722,901	1/1/03 - 12/31/07
MOLINE, MARK	<b>Validation of Hyperspectral Remote Sensing along the Central California Coast and Development of a Coastal Marine Information System</b> NOAA VIA SJSU FOUNDATION MOSS LANDING MARINE LABORATORIES 02-235	\$273,500	8/1/02 - 7/31/03
NAKAMURA, ROYDEN VILLABLANCA, FRANCIS	<b>Population Genetics and Habitat Site Fidelity of Cabezon in the Near Shore Environment</b> NATIONAL SEA GRANT PROGRAM 02-152	\$103,388	12/1/02 - 5/31/04
WENDT, DEAN	<b>Research &amp; Development of Advanced Non-Toxic Coatings: Laboratory-Based Experiments Using Barnacles and Bryozoans</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 02-196	\$302,351	9/1/02 - 8/31/05
<b><u>Chemistry and BioChemistry</u></b>			
BERBER-JIMENEZ, M. DOLORES	<b>California Science Project Statewide Office</b> UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT) 02-048	\$5,000	5/1/01 - 6/30/02
BERBER-JIMENEZ, M. DOLORES	<b>Central Coast Science Project 2002-2003</b> UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT) 02-049	\$258,000	7/1/02 - 6/30/03
CENSULLO, ALBERT	<b>ICAT Reviewer with Air Resource Board (ARB)</b> CA AIR RESOURCES BOARD 02-076	\$16,000	12/1/01 - 11/30/03
GRAGSON, DEREK	<b>Exploring the Factors Affecting Polyelectrolyte Multilayer Film Formation Using a Multi-Technique Approach</b> RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 02-089	\$37,720	5/1/02 - 4/30/04
WILLS, MAX	<b>VOC Testing for Sarasota County Hazardous Waste Management Recycled Latex Paint</b> SARASOTA COUNTY HAZARDOUS WASTE MANAGEMENT 02-106	\$2,400	1/1/02 - 12/31/02
<b><u>Kinesiology</u></b>			
BROWN, ANDREA TAYLOR, KEVIN	<b>Costa Del Sur: A California Physical Education and Health Project 2002-2003</b> UNIVERSITY OF CALIFORNIA - CA PHYSICAL EDUCATION-HEALTH PROJECT 02-088	\$80,000	7/1/02 - 6/30/03

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Kinesiology</u></b>			
DAVIS, STEVEN JANKOVITZ, KRIS	<b>Physical Fitness and Cardiac Risk Factors Among San Luis Obispo City Firefighters</b> SAN LUIS OBISPO, CITY OF 02-023	\$6,424	7/1/01 - 7/31/01
<b><u>Mathematics</u></b>			
BASOR, ESTELLE	<b>RUI: Determinants Identities, Szego Type Limit Theorems, and Connections to Random Matrices</b> NATIONAL SCIENCE FOUNDATION (RUI) 02-037	\$107,904	7/1/02 - 6/30/05
HOLZ, ALAN	<b>Cal Poly/CSU Bakersfield Mathematics Project</b> UNIVERSITY OF CALIFORNIA (CALIFORNIA MATHEMATICS PROJECT) 02-092	\$132,500	7/1/02 - 6/30/03
KATO, GORO	<b>Neurophysiology of Time</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF PITTSBURGH 02-142	\$92,093	10/1/02 - 9/30/05
WHITE, MATTHEW	<b>RUI: Geometric Bounds for Hyperbolic Manifolds</b> NATIONAL SCIENCE FOUNDATION (RUI) 02-074	\$68,988	7/1/02 - 6/30/05
<b><u>Physics</u></b>			
BENSKY, THOMAS	<b>New Scenario for Rydberg Atom &amp; Quantum Computer Experiments</b> PETROLEUM RESEARCH FUND (AMERICAN CHEMICAL SOCIETY) 02-066	\$35,000	7/1/02 - 8/31/03
BENSKY, THOMAS	<b>New Scenario for Rydberg Atom &amp; Quantum Computer Experiments</b> RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 02-067	\$41,078	7/1/02 - 8/31/03
ECHOLS, ROBERT	<b>Building and Testing Photovoltaic Polymer Devices</b> COUNCIL ON UNDERGRADUATE RESEARCH 02-094	\$3,000	6/1/02 - 9/30/02
FRANKEL, RICHARD	<b>Environmental to Cellular Fe and S cycling in Marine Magnetotactic Bacteria</b> NATIONAL SCIENCE FOUNDATION VIA WOODS HOLE OCEANOGRAPHIC INSTITUTION 02-117	\$109,465	9/1/02 - 8/31/05
HOFFMAN, KENNETH	<b>RUI: Paleomagnetic Study of Transitional Fields Recorded Throughout the Cenozoic by Australasian Lavas</b> NATIONAL SCIENCE FOUNDATION (RUI) 02-237	\$240,797	8/1/02 - 7/31/05
<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 02-068	\$69,298	6/1/02 - 8/31/04
CHANCE, BETH L.	<b>Teaching Experiments in College Classrooms</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF MINNESOTA 02-211	\$137,167	1/1/03 - 12/31/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Statistics</u></b>			
ROSSMAN, ALLAN	Workshop Precalculus: Developing Pedagogically Powerful Instructional Materials for an Integrated Course in Functions, Data Analysis and Modeling NATIONAL SCIENCE FOUNDATION VIA DICKINSON COLLEGE 02-085	\$20,812	1/1/02 - 12/31/02
<b><u>Student Affairs</u></b>			
<b><u>Student Academic Services</u></b>			
OLVERA, NELDA	Talent Search Program (2002- 2006) U.S. DEPT OF EDUCATION 02-064	\$1,267,454	9/1/02 - 8/31/06
<b><u>Student Life &amp; Leadership</u></b>			
LAMB, STEPHAN	PROJECT EMBRACE- AmeriCorps: A SLO Countywide Coalition of K-16 Institutions & Schools, Faith-Based Organizations, Public & Governmental Entities & Non Profit Agencies Responding to Community Emergency & Transitional Sheltering Needs		
RADOVICH, BRADY	CA GOVERNOR'S OFFICE ON SERVICE & VOLUNTEERISM (GO SERV) 02-177	\$25,000	5/1/02 - 11/30/02
RADOVICH, BRADY LAMB, STEPHAN	Partners in Service: San Luis Obispo County Community Collaboration Forum CA CAMPUS COMPACT 02-001	\$2,500	9/4/01 - 8/31/02
<b><u>Other</u></b>			
<b><u>Academic Affairs</u></b>			
CAMPBELL, DENISE LAMB, STEPHAN	Service-Learning Curriculum and Infrastructure Development Initiative (Allocation Process 2002-2003) LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 02-266	\$103,000	7/1/02 - 6/30/03
<b><u>Administration &amp; Finance</u></b>			
STOVER, VICKI	Grants to Reduce Violent Crimes Against Women on Campus U.S. DEPT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS 02-188	\$191,573	10/1/02 - 9/30/04
<b><u>Facilities Planning</u></b>			
JOHNSON, EDWARD	Beverage Container Recycling Grant CA DEPT OF CONSERVATION 02-115	\$55,800	4/1/02 - 3/31/03
<b><u>Financial Aid</u></b>			
SPADY, MARY	EdShare for Institutions Grant EDFUND 02-267	\$120,000	8/1/02 - 7/31/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2002

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>International Education &amp; Programs</u></b>			
ANDRE, BARBARA	<b>Holistic Approach to Cross-Culture Adaptation and ReEntry</b> NAFSA (NATIONAL ASSOCIATION OF FOREIGN STUDENT ADVISERS ) 02-149	\$7,585	8/15/02 - 6/15/03
<b><u>Research &amp; Graduate Programs</u></b>			
OPAVA, SUSAN HANLEY, JERRY J.	<b>California Central Coast Research Partnership</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 02-007	\$1,486,000	9/1/01 - 8/31/02
OPAVA, SUSAN	<b>NSF Graduate Research Fellowship (for Brian Madison Wood)</b> NATIONAL SCIENCE FOUNDATION 02-041	\$28,500	10/1/01 - 9/30/06
OPAVA, SUSAN HANLEY, JERRY J.	<b>California Central Coast Research Partnership: Building Relationships, Partnerships and Paradigms for University-Industry Research Collaboration</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 02-184	\$1,300,000	9/9/02 - 9/8/03
<b><u>University Police Department</u></b>			
WATTON, WILLIAM	<b>Traffic Safety, Education &amp; Equipment Enhancement Program</b> CA OFFICE OF TRAFFIC SAFETY (OTS) 02-135	\$19,000	10/1/02 - 3/31/04
<b>GRAND TOTALS:</b>		<b>231 Proposals</b>	<b>\$32,417,551</b>