

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Agriculture			
<u>Agribusiness</u>			
HOWARD, WAYNE	Intergenerational Transfer of Family Farm Assets WESTERN CENTER FOR RISK MANAGEMENT EDUCATION 03-175	\$33,425	6/1/03 - 1/31/04
HOWARD, WAYNE	Farming with Family U.S. DEPT OF AGRICULTURE VIA WESTERN CENTER FOR RISK MANAGEMENT EDUCATION AT WSU 03-202	\$33,425	5/31/03 - 5/30/04
MACDOUGALL, NEAL PHILLIPS, JOHN	Sustainable Agriculture Resource Program Education and Outreach Programs HANSEN TRUST VIA UNIVERSITY OF CALIFORNIA 03-078	\$25,000	2/15/03 - 11/15/03
MACDOUGALL, NEAL	Advancement of the Sustainable Agriculture Resource Consortium (SARC) at Cal Poly COLUMBIA FOUNDATION 03-108	\$149,157	5/1/03 - 4/30/05
MCCORKLE, ROBERT	U.S. Peace Corps, Strategy Contract (2003-2004) U.S. PEACE CORPS 03-257	\$13,999	10/1/03 - 9/30/04
NOEL, JAY WEHNER, DAVID J	Establishment of the California Institute for the Study of Specialty Crops (CISSC) CA DEPT OF FOOD AND AGRICULTURE 03-204	\$2,505,768	7/1/03 - 6/30/06
<u>Agricultural Education</u>			
CASEY, GLEN	California Agricultural Education - Professional Development Project (2002-03) CA DEPT OF EDUCATION 03-005	\$125,000	6/15/02 - 6/14/03
CASEY, GLEN	Administration of Agriculture Literacy and Understanding Program W. K. KELLOGG FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 03-220	\$16,740	9/1/02 - 8/31/03
FLORES, ROBERT A.	San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2002) CA DEPT OF EDUCATION 03-149	\$5,027	7/15/02 - 11/4/02
FLORES, ROBERT A.	San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2003) CA DEPT OF EDUCATION 03-215	\$13,750	1/12/03 - 1/11/04
<u>Animal Science</u>			
BECKETT, JONATHON	Integrated Undergraduate Learning Experiences in Animal Biotechnology U.S. DEPT OF AGRICULTURE - CHALLENGE GRANT PROGRAM VIA UNIVERSITY OF NEBRASKA 03-126	\$70,990	9/1/03 - 8/31/06
PLUMMER, WILLIAM BECKETT, DEBORAH M.	Development of successful sex determination method of bovine embryos utilizing embryo biopsy and PCR CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 03-042	\$88,581	7/1/02 - 6/30/05

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BioResource and Agricultural Engineering			
BURT, CHARLES	California Irrigation Evaluation Team Database CA DEPT OF WATER RESOURCES 02-247	\$37,749	6/1/02 - 12/31/02
BURT, CHARLES	Technical Assistance to Irrigation Districts and Bridging the Headgate Demonstration Project. U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 02-252	\$55,000	5/1/02 - 12/31/02
BURT, CHARLES	Evaluate & Define State of Knowledge of Water Balances, Water Management and Water Conservation Opportunities and Make Recommendations on Improved Water Management in the Klamath Basin U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-063	\$175,000	12/1/02 - 6/1/04
BURT, CHARLES	Yakima River Basin Water Enhancement Program (YRBWEP) Feasibility Study Review of Roza-Sunnyside Board of Joint Control Project to Modernize the Sunnyside Canal U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-076	\$7,500	10/1/02 - 9/30/03
BURT, CHARLES	International Training - Workshop on Irrigation Modernization, Management and Benchmarking UN FOOD AND AGRICULTURE ORGANIZATION 03-116	\$16,010	1/1/03 - 4/30/03
BURT, CHARLES	Summer Irrigation Evaluation Team U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-142	\$30,000	5/1/03 - 12/31/03
BURT, CHARLES	NSF ITR: Real-Time GIS Based Water Ordering/Routing Software System for Irrigation Districts NATIONAL SCIENCE FOUNDATION (ITR) 03-147	\$1,574,202	9/1/03 - 12/20/07
BURT, CHARLES	On-Farm Irrigation System Evaluations for Westlands Water District Service Contract WESTLANDS WATER DISTRICT 03-164	\$130,000	3/1/03 - 12/31/06
BURT, CHARLES	Rapid Appraisal of the Tehama-Colusa Canal Authority for Modernization Potential and Priorities U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-173	\$24,900	3/1/03 - 12/31/03
BURT, CHARLES	Evaluation of Water-Energy Relationship in the Fresno Area. U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-198	\$40,000	5/1/03 - 9/30/04
BURT, CHARLES	Agricultural Water Management Study CA ENERGY COMMISSION VIA REGENTS OF THE UNIVERSITY OF CALIFORNIA 03-206	\$67,500	5/1/03 - 11/15/03
BURT, CHARLES	International Training - Workshop on Irrigation Modernization, Management and Benchmarking in Nepal. UN FOOD AND AGRICULTURE ORGANIZATION 03-208	\$21,558	5/1/03 - 9/30/03
SOLOMON, KENNETH BURT, CHARLES	Estimation of Distribution Uniformity from Field Evaluations of Irrigation Systems CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 03-012	\$30,000	7/1/02 - 6/30/03
STROHMAN, ROLLIN	Building Virtual Teams Among CSU Faculty Teaching Geographic Information Systems (GIS), Surveying, Photogrammetry, And Remote Sensing CSU CHANCELLOR - INSTITUTE FOR TEACHING AND LEARNING 03-067	\$11,239	11/1/02 - 6/30/03

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BioResource and Agricultural Engineering			
STROHMAN, ROLLIN MASTIN, TOM B.	Using Virtual Teams To Develop Shared Laboratory Exercises NATIONAL SCIENCE FOUNDATION (CCLI) 03-097	\$199,377	10/1/03 - 9/30/05
STROHMAN, ROLLIN MASTIN, TOM B.	Case Studies on Integration of Surveying and Geographic Information Systems NATIONAL SCIENCE FOUNDATION (CCLI) 03-246	\$99,929	1/1/04 - 12/30/05
STYLES, STUART	Evaluation of New Communication Systems for Supervisory Control and Data Acquisition (SCADA). U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 02-258	\$24,552	7/1/02 - 12/31/02
STYLES, STUART	Supervisory Control and Data Acquisition (SCADA) Equipment Expansion U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-006	\$20,000	7/1/02 - 9/30/03
STYLES, STUART	Non-Standard Structure Flow Measurement Evaluation U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-007	\$88,052	8/1/02 - 12/31/04
STYLES, STUART	Via Carta Road Landscape Irrigation Modernization NATIONAL SCIENCE FOUNDATION (CCLI) 03-038	\$33,000	5/1/03 - 9/30/03
STYLES, STUART	New Technology Solutions for Water Measurement and Control U.S. DEPT OF AGRICULTURE (CSREES) - NRI 03-077	\$246,150	1/1/03 - 6/30/04
STYLES, STUART	Improvement of Flow Measurement and Control Research and Demonstration Facilities at ITRC Water Delivery Facility U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-096	\$100,000	1/1/03 - 12/31/04
STYLES, STUART	International Training - Workshop on Irrigation Modernization, Management and Benchmarking WORLD BANK GROUP 03-117	\$24,740	1/1/03 - 4/30/03
STYLES, STUART	Irrigation Canal Electronic Flow Rate Instrumentation Evaluation CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE (SYSTEMWIDE) 03-125	\$98,520	7/1/03 - 6/30/04
STYLES, STUART	SENSORS: Doppler Flow Measurement Integrated with a Canal Automation Algorithm NATIONAL SCIENCE FOUNDATION 03-174	\$312,653	10/1/03 - 12/31/05
STYLES, STUART	Technical Assistance Program to Irrigation Districts U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-179	\$400,000	3/1/03 - 2/29/04
STYLES, STUART	International Training - Workshop on Irrigation Modernization, Management and Benchmarking in Osh, Kyrgyzstan. WORLD BANK GROUP 03-227	\$41,857	5/1/03 - 8/31/03
WILLIAMS, DOUGLAS	Data Collection from a Microturbine Operating on a Covered Lagoon Methane Recovery System CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 03-028	\$59,753	7/1/02 - 6/30/03

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<u>BioResource and Agricultural Engineering</u>			
WILLIAMS, DOUGLAS	Flex-Microturbine for Cal Poly Digester FLEXENERGY INC. 03-044	\$30,000	1/6/03 - 1/6/04
WILLIAMS, DOUGLAS	Thermophilic Laboratory Digestion of Drylot Manure INLAND EMPIRE UTILITIES AGENCY 03-086	\$2,576	12/1/02 - 1/31/03
<u>College of Agriculture</u>			
MARK, WALTER	Sudden Oak Death Foliar Host Detection U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 02-213	\$25,000	7/1/02 - 6/30/03
MARK, WALTER REIMER, JEFF	Networking for Urban Forestry in California CA DEPT OF FORESTRY 03-058	\$140,000	11/1/02 - 12/31/05
MARK, WALTER	Sudden Oak Death Distribution and Detection U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 03-225	\$62,000	5/1/03 - 10/1/04
MARK, WALTER	2003 Ground Survey for Phytophthora ramorum Detection in the California Coast Ranges U.S. DEPT OF AGRICULTURE (FOREST SERVICE) VIA SONOMA STATE UNIVERSITY 03-240	\$28,668	5/1/03 - 4/30/04
SMITH, TERRY L. FLORES, ROBERT A.	Multicultural Agricultural Scholars Program at Cal Poly U.S. DEPT OF AGRICULTURE (CSREES) 03-001	\$90,000	9/1/02 - 8/31/07
WEHNER, DAVID J	MESA Agriculture Initiative Program 2003-2004 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 03-162	\$88,576	7/1/03 - 6/30/04
<u>Dairy Products Technology Center</u>			
FARKYE, NANA	Studies on the Ripening of Cheddar Cheese: Identification of nonstarter lactic acid bacteria isolated from cheese and their role in flavor development, and the formation of calcium lactate crystals CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 03-023	\$116,760	7/1/02 - 6/30/04
FARKYE, NANA	Survey on the Composition and Microbiology of Hispanic Cheeses and Characterization of Cotija Cheese U.S. DEPT OF AGRICULTURE (CSREES) - NRI 03-075	\$128,395	10/1/03 - 9/30/05
FARKYE, NANA	Shelf Stable Grated Cotija Cheese CA DAIRY RESEARCH FOUNDATION 03-150	\$113,450	6/1/03 - 12/31/04
FARKYE, NANA	Membrane filtration technologies for the manufacture of Hispanic-style cheeses CA DAIRY RESEARCH FOUNDATION 03-193	\$169,836	1/1/04 - 12/31/05
JIMENEZ-FLORES, RAFAEL TONG, PHILLIP	Feasibility Study to Produce Frozen Concentrate Dairy Ingredient GERBER CALIFORNIA, INC. 03-004	\$10,025	7/1/02 - 9/1/02

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<u>Dairy Products Technology Center</u>			
JIMENEZ-FLORES, RAFAEL	Process to Manufacture of New Dairy Products Enriched in Milk Fat Globule Membrane U.S. DEPT OF AGRICULTURE (CSREES) - NRI 03-069	\$340,244	10/1/03 - 9/30/05
JIMENEZ-FLORES, RAFAEL	Process for isolation of milk fat globule membrane (MFGM) components from cheese processing effluents HILMAR CHEESE COMPANY 03-087	\$76,275	3/1/03 - 2/29/04
JIMENEZ-FLORES, RAFAEL CANO, RAUL	Microbial Ecology and Biofilm Formation in Milk Processing Environments to Understand Contamination Risk U.S. DEPT OF AGRICULTURE (CSREES) - NRI 03-093	\$368,912	7/1/03 - 6/30/06
JIMENEZ-FLORES, RAFAEL	Milk protein and lipid interactions induced by concentration and drying processes CA DAIRY RESEARCH FOUNDATION / DAIRY MANAGEMENT, INC. 03-169	\$66,656	1/1/04 - 12/31/04
JIMENEZ-FLORES, RAFAEL	Process for Manufacture of New Dairy Ingredient Enriched in Phospholipids and Glycoproteins CA DAIRY RESEARCH FOUNDATION / DAIRY MANAGEMENT, INC. 03-172	\$299,939	1/1/04 - 12/31/06
TONG, PHILLIP	Cheese Manufacturing Short Course I & II CA CHEESE RESEARCH & EDUCATION FUND 02-178	\$7,500	1/1/02 - 12/31/02
TONG, PHILLIP	Feasibility Testing of New Dried Dairy Ingredients DAIRY AMERICA, INC. 02-224	\$4,000	6/1/02 - 7/31/02
TONG, PHILLIP	Confidentiality Agreement M & M/MARS, INC. 02-241	\$0	5/7/02 - 5/6/03
TONG, PHILLIP	Evaluation of rice flour for use in frozen dairy desserts PGP INTERNATIONAL 03-013	\$12,825	8/1/02 - 6/1/03
TONG, PHILLIP JIMENEZ-FLORES, RAFAEL	Factors Influencing the Production of Heat Stable Milk Powders DAIRY MANAGEMENT, INC./U.S. DAIRY EXPORT COUNCIL 03-073	\$50,000	9/15/02 - 6/14/03
TONG, PHILLIP	Cal Poly Dairy Ingredients Applications Program 2003 CA DAIRY RESEARCH FOUNDATION / DAIRY MANAGEMENT, INC. 03-120	\$378,000	1/1/03 - 12/31/03
TONG, PHILLIP	Stability of Foods Containing Dairy Ingredients Processed Under Ultra High Temperature Conditions CA DAIRY RESEARCH FOUNDATION / DAIRY MANAGEMENT, INC. 03-122	\$129,600	1/1/03 - 12/31/03
<u>Dairy Science</u>			
REIF, GARY	Training Student Interns to Judge Milk and Cottage Cheese Quality (2003) CA MILK ADVISORY BOARD 03-115	\$9,989	1/1/03 - 12/31/03

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Earth & Soil Sciences</u>			
DINGUS, DEL	North American Colleges and Teachers of Agriculture (NACTA) 2003 & 2004 Conference - Developing Leadership in a Changing World U.S. DEPT OF AGRICULTURE (CSREES) 03-266	\$10,000	6/1/03 - 7/1/03
<u>Food Science & Nutrition</u>			
BERNER, LOUISE PEDERSEN, MARY	BABES Infant Feeding Practices Survey SAN LUIS OBISPO, COUNTY OF 03-209	\$20,003	7/1/03 - 6/30/04
BERNER, LOUISE PEDERSEN, MARY	Influences on Breastfeeding Among Mothers in San Luis Obispo County THE CALIFORNIA ENDOWMENT 03-231	\$49,027	9/1/03 - 2/28/05
HAMPSON, BRIAN	An Integrated Research, Demonstration, and Education Program of Alternative Intervention Technologies for Food Safety and Value Improvement U.S. DEPT OF AGRICULTURE (CSREES) 03-139	\$576,473	7/1/03 - 6/30/04
HAMPSON, BRIAN	Implementation of an Innovative Strategy for Tracking the Food Supply - A Demonstration Model UNIVERSITY OF CALIFORNIA, DAVIS - WESTERN INSTITUTE FOR FOOD SAFETY & SECURITY 03-269	\$92,125	9/1/03 - 8/31/04
HAMPSON, BRIAN	Implementation of New Technologies Into Present Small Business Commercial Meat and Poultry Processing Operations From Harvest to Consumption U.S. DEPT OF AGRICULTURE (FSIS) 03-270	\$97,138	9/1/03 - 8/31/04
NICHOLSON, LISA	Creative Nutrition Concepts (CNC) for Healthy Kids SAN LUIS OBISPO, COUNTY OF 03-034	\$16,154	1/1/03 - 12/31/03
NICHOLSON, LISA WILLEY, RACHEL	Food, Fun and Fitness, Phase I ZELLMER SCHOLARSHIP TRUST FUND 03-205	\$25,010	6/1/03 - 5/31/05
NICHOLSON, LISA	Tailored Parent Nutrition Education and Community-Based Learning in San Luis Obispo County W. K. KELLOGG FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 03-247	\$39,228	8/1/03 - 7/31/05
PEDERSEN, MARY FLORES, ROBERT A.	Multicultural Agricultural Scholars Program at Cal Poly U.S. DEPT OF AGRICULTURE (CSREES) 03-118	\$90,000	9/1/03 - 8/31/08
<u>Horticulture & Crop Science</u>			
COSTELLO, MICHAEL J STEINMAUS, SCOTT	Interactions Among Weeds, Ants and Obscure Mealybug in Central Coast Vineyards CA DEPT OF FOOD AND AGRICULTURE VIA CA AGRICULTURAL TECHNOLOGY INSTITUTE (CATI) 03-008	\$51,995	7/1/02 - 6/30/04
COSTELLO, MICHAEL J PATTERSON, W. KEITH	Filling in some information gaps on Willamette mite: water, sulfur and the economic injury level AMERICAN VINEYARD FOUNDATION 03-136	\$64,662	4/1/03 - 3/31/06
COSTELLO, MICHAEL J PATTERSON, W. KEITH	Filling in some information gaps on Willamette mite: water, sulfur and the economic injury level U.S. DEPT OF AGRICULTURE VIA UNIVERSITY OF CALIFORNIA - VITICULTURE CONSORTIUM 03-137	\$64,662	4/1/03 - 3/31/06

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<u>Horticulture & Crop Science</u>			
COSTELLO, MICHAEL J PATTERSON, W. KEITH	Filling in some information gaps on Willamette mite: water, sulfur and the economic injury level UNIVERSITY OF CALIFORNIA 03-138	\$87,294	4/1/03 - 3/31/06
FOX, JENNIFER MOODY, LYNN	Evaluation of annual bluegrass performance under different soil depths in a sand-based soil system CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 03-026	\$63,874	7/1/02 - 6/30/05
HEADRICK, DAVID	Ecological Studies & Natural Enemy Evaluations for Citrus Peelminer CA DEPT OF FOOD AND AGRICULTURE VIA CA AGRICULTURAL TECHNOLOGY INSTITUTE (CATI) 03-009	\$21,653	7/1/02 - 6/30/05
HEADRICK, DAVID	Ecological Studies & Natural Enemy Evaluations for Citrus Peelminer CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 03-011	\$107,279	7/1/02 - 6/30/05
HEADRICK, DAVID	Interactions and Efficacy of Commercially Available and Naturally Occurring Whitefly Parasitoids (Hymenoptera: Aphelinidae) for Whitefly Management in Central Coast Strawberries CA STRAWBERRY COMMISSION 03-195	\$148,418	7/1/03 - 6/30/06
STEINMAUS, SCOTT JANKAY, PETER T	Elucidating the genetic mechanism of glyphosate (Roundup) resistance in a biotype of weedy ryegrass (Lolium spp.) CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 03-018	\$45,000	7/1/02 - 6/30/04
STEINMAUS, SCOTT JANKAY, PETER T	Genetic mechanism and competitiveness of a glyphosate resistant ryegrass (Lolium multiflorum) U.S. DEPT OF AGRICULTURE (CSREES) - NRI 03-094	\$203,943	7/1/03 - 6/30/05
STEINMAUS, SCOTT	Development of a predictive model for Arundo donax based on climate in California CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE (SYSTEMWIDE) 03-124	\$139,783	7/1/03 - 6/30/05
WALTER, VIRGINIA STEINMAUS, SCOTT	Seasonal Solarization Effects on Weed Population as Affected by Retractable Roof Growing Structure used for Fresh Flower Production CA CUT FLOWER COMMISSION 03-053	\$4,000	2/15/03 - 2/14/04
<u>MESA Agricultural Initiative</u>			
HARRISON, BRET	The MESA Curriculum Development Project UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 03-037	\$99,614	11/1/02 - 9/30/03
HARRISON, BRET	My Community, Our Earth (MyCOE) Project U.S. DEPT OF AGRICULTURE (CSREES) VIA TUSKEGEE UNIVERSITY 03-066	\$6,000	9/15/02 - 9/14/03
<u>Natural Resource Management</u>			
DICUS, CHRISTOPHER A. THOMPSON, RICHARD	California Urban & Community Forest Metropolitan Initiative CA DEPT OF FORESTRY 03-046	\$184,613	12/1/01 - 10/31/03
DICUS, CHRISTOPHER A.	McIntire-Stennis - Potential Wildfire Behavior After Harvest in a Coast Redwood Forest U.S. DEPT OF AGRICULTURE (CSREES) 03-101	\$16,460	10/1/02 - 9/30/03

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<u>Natural Resource Management</u>			
DICUS, CHRISTOPHER A.	Fire Hazard Analysis CA DEPT OF FORESTRY 03-186	\$17,600	4/1/03 - 12/31/03
DIETTERICK, BRIAN MARK, WALTER	Water Quality and Geomorphic Evaluation in a Forested Coastal California Watershed - A Component of the Little Creek Study U.S. DEPT OF AGRICULTURE (CSREES) - NRI 03-080	\$349,957	10/1/03 - 9/30/06
DIETTERICK, BRIAN	Evaluation of Event-Based Suspended Sediment Monitoring on Two Coastal Watersheds CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE (SYSTEMWIDE) 03-123	\$407,896	7/1/03 - 6/30/06
DIETTERICK, BRIAN MARK, WALTER	Water Quality and Geomorphic Evaluation in a Forested Coastal California Watershed - A Component of the Little Creek Study U.S. DEPT OF AGRICULTURE (CSREES) 03-212	\$349,957	10/1/03 - 9/30/06
DIETTERICK, BRIAN MASTIN, TOM B.	Channel Survey and Classification for Reach of San Luis Obispo LAND CONSERVANCY OF SAN LUIS OBISPO, COUNTY 03-213	\$10,000	5/1/03 - 6/30/03
GILL, SAMANTHA	Modeling Height to Crown Base and Ladder Fuels in Giant Sequoia Groves CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 03-010	\$60,901	7/1/02 - 6/30/03
PIIRTO, DOUGLAS	Stand Structure & Sierran Bird Response to 3 Management Treatments in Second-Growth Giant Sequoia (sequoiadendron giganteum) Stands CA DEPT OF FORESTRY 02-221	\$25,000	7/1/02 - 6/30/04
PIIRTO, DOUGLAS SHELTON, MARK	McIntire-Stennis Forestry Research Program (2002-2003) U.S. DEPT OF AGRICULTURE (CSREES) 03-099	\$23,619	10/1/02 - 9/30/03
PIIRTO, DOUGLAS	Raptor Habitat Selection CA DEPT OF FORESTRY 03-111	\$30,000	2/1/03 - 1/31/05
PIIRTO, DOUGLAS	Student Assistants for California Department of Forestry (2003-2005) CA DEPT OF FORESTRY 03-250	\$60,000	7/1/03 - 6/30/05
PILLSBURY, NORMAN MARK, WALTER	McIntire-Stennis - Long-Term Growth, Sudden Oak Death Assessment & Economic Viability of Coast Live Oak in 3 California Counties U.S. DEPT OF AGRICULTURE (CSREES) 03-100	\$6,401	10/1/02 - 9/30/03

Architecture & Env Design

Architectural Engineering

MAY, VICKI V.	COLLABORATIVE RESEARCH: A Simulation Protocol For Three-Dimensional Seismic Response of Structures with Applications to Hybrid Dual Systems NATIONAL SCIENCE FOUNDATION 03-064	\$104,896	9/1/03 - 12/31/07
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<u>Architecture</u>			
GIBERTI, BRUNO	An Architectural Survey of the work of Wilson Brothers & Co GRAHAM FOUNDATION 02-249	\$5,000	7/1/02 - 6/30/03
PENA, ROBERT MADDREN, JESSE	Cal Poly Solar Decathlon U.S. DEPT OF ENERGY & NATIONAL RENEWABLE ENERGY LABORATORY 03-216	\$5,000	7/1/03 - 12/31/05
POHL, JENS	ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support CDM TECHNOLOGIES, INC. 03-030	\$299,720	8/24/02 - 11/15/02
POHL, JENS	ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support CDM TECHNOLOGIES, INC. 03-091	\$234,131	11/16/02 - 2/15/03
POHL, JENS	Optimization of Military and Commercial Goods Movement Through Southern California Phase II: Regional Supply Chain Simulation CA STATE UNIVERSITY LONG BEACH FOUNDATION 03-143	\$29,981	2/17/03 - 9/2/03
POHL, JENS	ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support CDM TECHNOLOGIES, INC. 03-183	\$179,705	3/15/03 - 6/13/03
POHL, JENS	Collaborative Decision-Support Systems Workshop U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 03-185	\$50,000	4/15/03 - 12/31/03
POHL, JENS	ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support CDM TECHNOLOGIES, INC. 03-273	\$124,913	6/28/03 - 9/5/03
STANNARD, SANDRA	Agents of Change Regional Training Session - August 2004 U.S. DEPT OF EDUCATION (FIPSE) VIA UNIVERSITY OF OREGON 03-177	\$15,000	6/1/04 - 9/30/04
<u>City & Regional Planning</u>			
HOWARD, ZELJKA PAVLOVICH	Regional Smart Growth Solutions SAN LUIS OBISPO, COUNTY OF 03-061	\$5,000	9/23/02 - 4/30/03
HOWARD, ZELJKA PAVLOVICH DEL RIO NASCIMENTO, VICENTE	East Grand Avenue Enhancement Project (City of Arroyo Grande, CA) CITY OF ARROYO GRANDE 03-217	\$3,000	4/2/03 - 7/15/03

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<u>College of Arch & Env Design</u>			
DONALDSON, JOSEPH SUTLIFF, DALE A	Fixed Price Agreement: Beatty Planning Services BEATTY HABITAT COMMITTEE (BEATTY, NEVADA) 03-129	\$4,207	1/6/03 - 4/30/03
<u>Construction Management</u>			
JACKSON, BARBARA	Industry & Academic Demand for Design-Build Education DESIGN-BUILD EDUCATION & RESEARCH FOUNDATION 03-047	\$5,000	9/1/02 - 10/31/03
<u>Landscape Architecture</u>			
BREMER, WALTER	Implementation Support for the PLACE(3)S Project SAN LUIS OBISPO, COUNCIL OF GOVERNMENTS (SLOCOG) 03-033	\$50,000	2/1/02 - 12/31/02
Business			
<u>Management</u>			
RYAN, JOHN MCQUAID, PATRICIA	Development of a Cal Poly Hosted Consumer and Market Research Data Base NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 03-107	\$19,986	4/1/03 - 11/30/03
RYAN, JOHN MCQUAID, PATRICIA	Development of a Cal Poly Hosted Consumer and Market Research Data Base NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 03-241	\$20,000	8/1/03 - 3/31/04
RYAN, JOHN MCQUAID, PATRICIA	A Fourth Generation Internet Advertising System Value-Per-Click (VPC) Project Synopsis NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 03-242	\$20,000	8/1/03 - 3/31/04
Education			
<u>Education</u>			
HERNANDEZ, ANITA	Influences on Language and Literacy Development of Immigrant Latino Children FOUNDATION FOR CHILD DEVELOPMENT 03-133	\$150,000	7/1/03 - 6/30/06
KONOPAK, BONNIE	Impact of SB 2042 Credentialing Reforms on Teacher Retention and Workforce Distribution: A Research Design Using Web-based Technology CA COMMISSION ON TEACHER CREDENTIALING 03-119	\$110,691	2/1/03 - 8/31/03

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Engineering			
<u>Aerospace Engineering</u>			
BIEZAD, DANIEL	Non-Linear Landing Gear Model Simulator LOCKHEED MARTIN AERONAUTICS 03-059	\$31,755	9/23/02 - 12/6/02
HALL, DAVID W.	Aerospace Systems Design Studies NASA - AMES RESEARCH CENTER 03-134	\$250,000	4/1/03 - 12/31/04
PUIG-SUARI, JORDI	Quakefinder / Cal Poly Memorandum of Understanding QUAKEFINDER, LLC 03-152	\$0	4/1/03 - 6/30/03
PUIG-SUARI, JORDI	Launch Services Agreement between Cal Poly and International Space Company (ISC) Kosmotras. MULTIPLE UNIVERSITIES 03-154	\$0	3/31/04 - 9/30/04
PUIG-SUARI, JORDI	Support for CubeSat Activities at Cal Poly: A Proposal for the California Space Grant Consortium Aerospace Workforce Development Program CALIFORNIA SPACE GRANT CONSORTIUM 03-229	\$10,000	6/20/03 - 8/31/03
<u>ARDFA</u>			
GERFEN, JEFFREY CHATZIOANOU, ALYPIOS	Bus Rapid Transit Demonstration 2003 - EDAPTS Component CA DEPT OF TRANSPORTATION (CALTRANS) DIVISION OF RESEARCH AND INNOVATION 02-255	\$233,294	9/1/02 - 12/1/03
GERFEN, JEFFREY	Safety at Unprotected Rail Crossings PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 03-165	\$190,000	9/1/03 - 6/30/05
<u>Civil & Environmental Engineering</u>			
CHATZIOANOU, ALYPIOS	Phase II Feasibility Study for Fresno/Clovis Metropolitan Elevated Fixed Guide-Way (Monorail) System FRESNO AREA SKY TRAIN - F.A.S.T. 03-074	\$38,929	3/15/03 - 10/31/03
GOEL, RAKESH	Dynamic Analysis Procedures for Performance-Based Seismic Engineering of Unsymmetric-Plan Buildings NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, BERKELEY 03-024	\$120,826	7/1/03 - 6/30/06
HALL, GARRETT J.	NSF Europe: Structure Based Simulation of Solid-Solid Phase Transforming Materials NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, BERKELEY 03-071	\$117,221	9/1/03 - 8/31/06
HALL, GARRETT J.	Structure Based Simulation of Single Crystal Materials for Active Sensors NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, BERKELEY 03-170	\$65,000	9/1/03 - 8/31/06
HALL, GARRETT J. KASPER, ERIC P.	A Mutidisciplinary Approach to Strengthen Engineering, Math and Science in Primary Education NATIONAL SCIENCE FOUNDATION 03-232	\$99,087	1/1/04 - 12/31/04

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Civil & Environmental Engineering</u>			
KASPER, ERIC P. HALL, GARRETT J.	Theoretical and Numerical Analysis of Biomedical Devices NATIONAL INSTITUTES OF HEALTH 03-052	\$393,896	9/1/03 - 8/31/06
SULLIVAN, EDWARD	Task #6 Safety of Trees in Narrow Medians of Urban Highways - Phase III CA DEPT OF TRANSPORTATION (CALTRANS) 03-014	\$104,363	2/1/03 - 12/31/03
SULLIVAN, EDWARD GOULD WELLS, DIANA	Task #4 TMC Training Program 2003-2004 CA DEPT OF TRANSPORTATION (CALTRANS) 03-104	\$65,812	1/1/03 - 6/30/04
SULLIVAN, EDWARD	Task #5 TMC Training Program Enhancement 2003-2004 CA DEPT OF TRANSPORTATION (CALTRANS) 03-105	\$300,000	1/1/03 - 6/30/04
<u>College of Engineering</u>			
WALSH, DANIEL	Excellence in Engineering at Cal Poly - A New Biomedical Engineering Degree Program WHITAKER FOUNDATION 03-021	\$950,923	7/1/03 - 6/30/06
<u>Computer Science</u>			
BUCKALEW, WILLIAM BREMER, WALTER	ITR: Development of Software for Energetic Analyses of Pedestrian Travel. NATIONAL SCIENCE FOUNDATION 03-102	\$59,403	6/1/03 - 9/30/04
FRANKLIN, DIANA	ITR: Synchroscalar: Exploiting Synchronized Clock Domains for Energy Efficient Multirate Embedded Computation NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, DAVIS 03-103	\$50,986	4/1/03 - 3/31/06
ROGERS, ERIKA	Collaborative Research: ITR: Urban Search and Rescue Robot-Agent-People Systems NATIONAL SCIENCE FOUNDATION 03-194	\$186,218	10/1/03 - 9/30/08
STALEY, CLINTON	Task #1 MIL-STD-1553 Graphical User Interface - Development of a Hardware Bus-Testing System RAYTHEON COMPANY 02-190	\$5,000	4/1/02 - 6/15/02
<u>Electrical Engineering</u>			
ARAKAKI, DEAN	Slot Antenna Development RAYTHEON COMPANY 02-244	\$10,000	5/1/02 - 4/30/03
ARAKAKI, DEAN	Accurate and Efficient Techniques on the Analysis of Reflectarray Antennas NASA VIA CALIFORNIA INSTITUTE OF TECHNOLOGY 03-036	\$64,214	1/1/03 - 9/30/04
ARAKAKI, DEAN	Antenna Anechoic Test Chamber and Laboratory Experiment Development NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 03-203	\$74,977	1/1/04 - 12/31/05

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PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Electrical Engineering</u>			
NAFISI, AHMAD	Training for PG&E Personnel - Power Systems and Power Electronics PACIFIC GAS & ELECTRIC COMPANY 03-017	\$9,032	8/27/02 - 9/20/02
SAGHRI, JOHN A.	Task #4 Synthetic Aperture Radar, Automatic Target Recognition with the Topographic Primal Sketch RAYTHEON COMPANY 03-016	\$20,000	8/1/02 - 7/31/03
TAUFIK,	Summer Undergraduate Research Fellowship NATIONAL INSTITUTES OF STANDARDS AND TECHNOLOGY 03-163	\$5,420	5/27/03 - 8/15/03
<u>Industrial & Manufacturing Engineering</u>			
CROCKETT, ROBERT	Solid Freeform Fabrication in Microgravity: Fluid Stability in Fused Deposition Modeling Systems NASA OFFICE OF BIOLOGICAL AND PHYSICAL RESEARCH 03-049	\$562,558	4/15/03 - 4/14/07
CROCKETT, ROBERT	Accurate Heart Model and Chest Cavity for ICD Development ST. JUDE MEDICAL 03-245	\$19,370	6/16/03 - 8/31/03
FREED, TALI	Task #2 Cal Poly / Raytheon Joint Project Flexible Manufacturing, Production Execution Team RAYTHEON COMPANY 02-209	\$10,000	4/1/02 - 8/31/02
FREED, TALI	Task #5 Cal Poly / Raytheon Joint Project Flexible Manufacturing; Development for Production Team RAYTHEON COMPANY 03-019	\$10,000	4/1/02 - 8/31/02
MENON, UNNY POURAGHABAGHER, REZA	Collision Parts Fit Test Feasibility Study - Phase II TOYOTA MOTOR SALES USA 02-210	\$179,098	7/12/02 - 7/30/03
<u>Materials Engineering</u>			
CHEN, KATHERINE C.	Structural Determination of TiNi-H Alloys NITINOL DEVICES & COMPONENTS 03-180	\$10,000	3/1/03 - 3/1/04
NIEBUHR, DAVID V. RAINEY, PAUL E	A Nondestructive Engineering Course for Undergraduates NATIONAL SCIENCE FOUNDATION (CCLI) 02-208	\$74,733	6/1/03 - 5/31/05
NIEBUHR, DAVID V.	Microstructure-Property Relationships of Thermally Sprayed Coatings. NATIONAL SCIENCE FOUNDATION VIA OREGON HEALTH & SCIENCE UNIVERSITY 03-003	\$183,124	1/1/03 - 12/31/05
NIEBUHR, DAVID V.	Atomic Force Microscopy NASA VIA CALIFORNIA INSTITUTE OF TECHNOLOGY JET PROPULSION LAB 03-083	\$50,000	1/1/04 - 12/31/05
NIEBUHR, DAVID V.	Analysis of Aluminum and 304 Stainless Steel Plates GENERAL ATOMICS 03-196	\$6,633	4/25/03 - 12/31/03

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Materials Engineering</u>			
VANASUPA, LINDA	The Foundation Series Modules in Materials Science and Engineering: Integrating Science, Math and Technology into Engineering Labs NATIONAL SCIENCE FOUNDATION (CCLI-EMD) VIA CUESTA COLLEGE 03-254	\$28,756	1/1/04 - 12/31/07
<u>Mechanical Engineering</u>			
HIGGINS, BRIAN	Non-Axisymmetric Infrared Plume Tomography for Rocket Plume Species and Temperature Distributions NASA STTR VIA SIERRA ENGINEERING 03-031	\$30,683	1/1/03 - 8/30/03
KLISCH, STEPHEN M. DAVOL, ANDREW	Analytical Models for the Growth and Remodeling of Cartilage NATIONAL SCIENCE FOUNDATION 03-040	\$167,945	6/1/03 - 9/30/05
KLISCH, STEPHEN M.	A Biomechanical Model of Growth for Developing Articular Cartilage WHITAKER FOUNDATION 03-127	\$236,866	9/15/03 - 9/14/06
KLISCH, STEPHEN M.	The Biomechanics of Articular Cartilage Growth NATIONAL INSTITUTES OF HEALTH 03-230	\$202,500	4/1/04 - 5/31/07
NIKU, SAEED	Force Feedback-Controlled Joystick for Visually Impaired Wheelchair Users NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 03-234	\$12,406	9/15/03 - 3/15/05
NIKU, SAEED	Microprocessor Controllable Pliable Surfaces NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 03-235	\$16,191	9/15/03 - 3/15/05
NIKU, SAEED LOCASCIO, JAMES	Mechatronics Educational Modules for Junior High and High School Teachers and University Students NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 03-236	\$74,325	1/1/04 - 12/31/06
PASCUAL, CHRISTOPHER THORNCROFT, GLEN E.	NSF MRI / RUI: Acquisition of Helium Leak Detector for Research in Vacuum Pressure Control NATIONAL SCIENCE FOUNDATION (RUI-MRI) 03-131	\$40,387	9/1/03 - 8/31/04
PATTON, J. SCOTT SHOLLENBERGER, KIM	CCLI Adaptation and Implementation: Multiphase Flow Course/Laboratory Development NATIONAL SCIENCE FOUNDATION (CCLI) 03-092	\$99,995	6/15/03 - 6/14/05
<u>Minority Engineering Program</u>			
CANTU, DAVID	Mesa Minority Engineering Program 2003-2004 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 03-155	\$54,086	7/1/03 - 8/31/04
CANTU, DAVID	Mesa Minority Engineering Program 2003-2004 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 03-190	\$36,057	7/1/03 - 8/31/04
CANTU, DAVID	Mesa Schools Program 2003-2004 UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 03-191	\$56,250	7/1/03 - 8/31/04

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Liberal Arts			
<u>Cal Poly Arts</u>			
WILT, PETER	Artists in Schools Program SAN LUIS OBISPO, COUNTY OF 03-151	\$4,000	3/1/03 - 6/30/03
WILT, PETER	Artists in Schools Program for 2003-2004 Season SAN LUIS OBISPO, CITY OF 03-159	\$4,500	7/1/03 - 6/30/04
WILT, PETER	WESTAF TourWest Program 2003-04 Season WESTERN STATES ART FEDERATION 03-178	\$5,000	7/1/03 - 6/30/04
WILT, PETER	California Arts Council Touring and Presenting Program 2003-2004 CA ARTS COUNCIL (TOURING AND PRESENTING PROGRAM) 03-181	\$11,880	7/1/03 - 6/30/04
<u>Graphic Communications</u>			
HINDERLITER, HAL	Education Services Agreement I.O. TECHNOLOGIES 03-251	\$0	6/10/03 - 6/9/05
<u>Liberal Studies</u>			
DUFFY, SUSAN	Central Coast Center for Arts Education: Supporting Community and School-Based Arts Education in San Luis Obispo County NATIONAL ENDOWMENT FOR THE ARTS 02-260	\$54,379	6/1/03 - 5/31/05
DUFFY, SUSAN	Arts Education Professional Development for Teachers: Supporting a Beginning for Arts Education In SLO County BRAITMAYER FOUNDATION 03-079	\$10,000	6/1/03 - 5/31/04
DUFFY, SUSAN	Arts Education Professional Development for Teachers: Supporting a Beginning for Arts Education In SLO County CALIFORNIA PIZZA KITCHEN FOUNDATION 03-130	\$14,690	6/1/03 - 5/31/04
DUFFY, SUSAN	The Cal Poly Arts in Education Program, 2003-2004 CA ARTS COUNCIL 03-199	\$118,500	7/1/03 - 6/30/04
DUFFY, SUSAN FRIEND, KATHLEEN	Central Coast Center for Arts Education: Supporting A Beginning for Arts Education in San Luis Obispo County Through University /School District Partnerships U.S. DEPT OF EDUCATION 03-237	\$509,430	9/1/03 - 8/31/08
<u>Political Science</u>			
EVANS, BUD FETZER, PHILIP	Fixed Price Agreement - Class Project (Political Science 384): SLO County Hunger Survey 2003 SAN LUIS OBISPO, COUNTY COMMUNITY FOUNDATION 03-158	\$1,000	2/18/03 - 7/31/03

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Social Sciences</u>			
DUCHOWNY, LAUREL	Sudden Adulthood: Prosecutorial Waiver and the Transfer of Kids to Criminal Court NATIONAL SCIENCE FOUNDATION 03-027	\$80,540	4/1/03 - 3/31/04
JONES, TERRY	Diablo Canyon Archaeology CA SEA GRANT PROGRAM (COASTAL OCEAN RESOURCES) 03-146	\$35,312	3/1/04 - 2/28/06
JONES, TERRY	2003-2004 Archaeological Field School Site Evaluation Fort Hunter Liggett, Monterey County, California U.S. GENERAL SERVICES ADMINISTRATION 03-207	\$62,500	8/1/03 - 8/31/04
<u>Science & Mathematics</u>			
<u>Biological Sciences</u>			
ADAMS, NIKKI	Molecular Targets of and Protection against Ultraviolet Radiation in Sea Urchin Embryos (RUI) NATIONAL SCIENCE FOUNDATION (RUI) 02-261	\$407,856	1/1/03 - 12/31/05
ADAMS, NIKKI MOLINE, MARK	UMEB Mentoring Undergraduate Research in Marine Environmental Science NATIONAL SCIENCE FOUNDATION 03-062	\$500,000	9/1/03 - 8/31/08
ADAMS, NIKKI	Molecular Targets of and Protection against Ultraviolet Radiation in Sea Urchin Embryos (RUI) NATIONAL SCIENCE FOUNDATION (RUI) 03-112	\$375,003	7/1/03 - 6/30/06
ADAMS, NIKKI	Enhancing Management Effectiveness of Marine Protected Areas & Coral Reef Species Conservation through Assessment of Mycosporine-like Amino Acids (MAA) content in Populations and Species WORLD WILDLIFE FUND (WWF) 03-157	\$10,000	3/1/03 - 4/1/04
CANO, RAUL KITTS, CHRISTOPHER L	Fee-for-Service Agreement, EBI VARIOUS SPONSORS 03-041	\$0	9/1/02 - 12/31/03
CANO, RAUL	Fixed Price Agreement: Assessing Microbial Diversity of Nereus Samples NEREUS PHARMACEUTICAL, INC. 03-192	\$34,499	4/15/03 - 7/14/03
HOLLAND, V. L.	Ecoremediation Project - Guadalupe Oil Field UNOCAL CORPORATION 03-072	\$60,000	9/1/02 - 8/31/03
KITTS, CHRISTOPHER L	Palo Verde Study: Source Tracking of Fecal Coliform Contamination in the Palo Verde Watershed STATE WATER RESOURCES CONTROL BOARD 03-045	\$58,050	3/1/03 - 9/30/03
MOLINE, MARK	Collaborative Research: Lagrangian studies of the transport, transformation, and biological impact of nutrients and contaminant metals in an estuarine plume. NATIONAL SCIENCE FOUNDATION 02-263	\$399,503	9/1/03 - 8/31/08

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Biological Sciences</u>			
MOLINE, MARK	Continuous Real-Time Monitoring of Environmental Threats to Water Quality in San Luis Obispo Bay, CA CA REGIONAL WATER QUALITY CONTROL BD, CENTRAL COAST VIA SAN JOSE STATE UNIV FOUNDATION 02-270	\$110,539	9/1/02 - 8/31/04
MOLINE, MARK	Quantification of Littoral Bioluminescence Structure and Induced Water Leaving Radiance U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 03-022	\$254,122	10/1/02 - 9/30/05
MOLINE, MARK	Demonstration of an Integrated Autonomous Network for Spatial Monitoring of Harmful Algal Blooms NOAA VIA RUTGERS UNIVERSITY 03-243	\$150,015	2/1/04 - 1/31/07
NAKAMURA, ROYDEN VILLABLANCA, FRANCIS	Population Genetic Structure of the Commercially Important Cabezon Based on Multiple Loci CA SEA GRANT PROGRAM (FISHERIES) 03-141	\$64,749	3/1/04 - 2/28/05
VILLABLANCA, FRANCIS	Carmel River Mitigation Bank CA DEPT OF TRANSPORTATION (CALTRANS) VIA CSU TRUSTEES 03-015	\$78,794	8/1/02 - 4/30/03
VILLABLANCA, FRANCIS	MOU #66 (CalTrans): Environmental Technical Studies CA DEPT OF TRANSPORTATION (CALTRANS) VIA CSU TRUSTEES 03-098	\$88,024	4/15/03 - 6/30/04
WENDT, DEAN	RUI: Using direct evidence to determine the energetic and ecological significance of dissolved organic matter (DOM) for the bryozoan Bugula neritina. NATIONAL SCIENCE FOUNDATION (RUI) 02-195	\$238,314	9/1/02 - 12/31/04
WENDT, DEAN	Testing the feasibility of appliqué coating technology for use in control and prevention of biofouling in marine environments. NAVAL SURFACE WARFARE CENTER 02-201	\$34,547	9/1/02 - 8/31/03
WENDT, DEAN	Sea Grant Aquatic Nuisance Species (ANS): Understanding Invasions Mediated by Hull-Fouling: Can Simple Management Practices Prevent the Spread of ANS? CA SEA GRANT COLLEGE 03-095	\$234,001	6/1/03 - 5/31/05
WENDT, DEAN MOLINE, MARK	Construction of a Boat Launching and Landing Facility at the Marine Science Education and Research Center at California Polytechnic State University, San Luis Obispo NATIONAL SCIENCE FOUNDATION 03-160	\$151,500	10/1/03 - 9/30/06
WENDT, DEAN NAKAMURA, ROYDEN	Collaborative Fisheries Research: A Preliminary Study of the of the Near-Shore Fish and Fisheries of the Central California Coast (Point Sal to Cambria) VARIOUS SPONSORS 03-267	\$22,779	7/1/03 - 6/30/04
<u>Chemistry and BioChemistry</u>			
BERBER-JIMENEZ, M. DOLORES MEDINA, ELSA	Teachers and Educators Allied for Mathematics and Science (TEAMS) NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, SANTA BARBARA 03-114	\$803,015	9/1/03 - 8/31/08

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Chemistry and BioChemistry</u>			
BERBER-JIMENEZ, M. DOLORES	Central Coast Science Project 2003-2004 UNIVERSITY OF CALIFORNIA (CALIFORNIA SCIENCE PROJECT)		
	03-214	\$203,545	7/1/03 - 6/30/04
CENSULLO, ALBERT	Fine and Ultrafine Particulate Matter Study UNIVERSITY OF CALIFORNIA		
	03-161	\$18,000	3/10/03 - 9/30/03
GRAGSON, DEREK	CAREER: Development of an Undergraduate Research Program Exploring the Mechanisms of Multilayer Film Formation Using a Multi-Technique Approach NATIONAL SCIENCE FOUNDATION		
	02-216	\$532,923	6/1/03 - 5/31/08
JONES, DANE	Fixed Price: Compatibility Studies of Gypsum-based & Concrete-based Spackling Products CTS CEMENT MANUFACTURING COMPANY		
	03-110	\$5,000	12/20/02 - 4/19/03
JONES, DANE WILLS, MAX	Advanced Hydrothane Research GUIDANT CORPORATION		
	03-182	\$14,000	3/15/03 - 12/4/03
KANTOROWSKI, ERIC	Development of a Radical Precursor/Chiral Auxiliary Strategy for Asymmetric Cyclizations CAMILLE AND HENRY DREYFUS FOUNDATION, INC.		
	03-218	\$20,000	9/1/03 - 8/31/08
KANTOROWSKI, ERIC	Development of a Radical Precursor/Chiral Auxiliary Strategy for Asymmetric Cyclizations PETROLEUM RESEARCH FUND (AMERICAN CHEMICAL SOCIETY)		
	03-239	\$35,000	7/1/04 - 6/30/06
KINGSBURY, KEVIN	Mechanistic Studies of Ring-Opening Polymerization Reactions by N-Heterocyclic Carbenes PETROLEUM RESEARCH FUND (AMERICAN CHEMICAL SOCIETY)		
	03-121	\$48,380	9/1/03 - 8/30/04
<u>Mathematics</u>			
AGRONSKY, STEVEN	Mathematics Diagnostic Testing Project (MDTP) UNIVERSITY OF CALIFORNIA		
	03-089	\$18,008	7/1/02 - 6/30/03
BACHMAN, DAVID	CAREER: Understanding 3-manifolds via Heegaard Theory NATIONAL SCIENCE FOUNDATION		
	03-002	\$416,441	6/1/03 - 5/31/08
BACHMAN, DAVID	RUI: Understanding Heegaard Splittings of 3-Manifolds NATIONAL SCIENCE FOUNDATION (RUI)		
	03-070	\$223,696	7/1/03 - 6/30/06
BASOR, ESTELLE	The Asymptotic Behavior of Toeplitz and Wiener-Hopf Determinants with Singular Symbols and their Applications U.S. CIVILIAN RESEARCH & DEVELOPMENT FOUNDATION (CRDF)		
	03-085	\$3,200	12/1/02 - 11/30/04
KATO, GORO	QuBIC: Non-Discrete Entangled Systems NATIONAL SCIENCE FOUNDATION		
	03-060	\$201,973	9/1/03 - 8/31/06

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Mathematics</u>			
KATO, GORO	Theory of Temporal Topos NATIONAL SCIENCE FOUNDATION 03-088	\$99,505	7/1/03 - 6/30/04
WHITE, MATTHEW	RUI: Geometric Bounds for Hyperbolic Manifolds NATIONAL SCIENCE FOUNDATION (RUI) 03-084	\$71,132	7/1/03 - 6/30/06
<u>Physics</u>			
BENSKY, THOMAS	Rapid Electric Field Delivery to Rydberg Atoms Using a Transmission Line Discontinuity RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 03-055	\$25,000	7/1/03 - 8/31/04
ECHOLS, ROBERT	Exploring Fundamental Electrical and Optical Properties of Heterojunction Semiconducting Polymer Solar Cells RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 03-057	\$37,202	7/1/03 - 6/30/05
FRANKEL, RICHARD	Exploring the Living Universe: The Origin, Evolution, and Distribution of Habitable Environments and Live in the Cosmos (Section: Biosignatures of Primitive Life Forms) NASA VIA ARIZONA STATE UNIVERSITY 03-144	\$149,494	7/1/03 - 6/30/08
HOELLWARTH, CHANCE TOMASINI, ALICE	INTEGRATED PHYSICAL SCIENCE FOR NON-SCIENCE MAJORS NOVA (NASA) 03-140	\$33,940	4/1/03 - 3/31/04
HOELLWARTH, CHANCE TOMASINI, ALICE	The Cal Poly Plan for Training Future Teachers in Physics AMERICAN PHYSICAL SOCIETY 03-176	\$80,000	8/15/03 - 8/24/04
SCHWARTZ, PETER	Task #6: Construction of Tetrahedral Photonic Bandgap Crystal: Demonstrating Three-Dimensional Self-Assembly using DNA Linkage RAYTHEON COMPANY 03-029	\$20,000	9/1/02 - 8/31/03
SHARPE, JOHN P SUNGAR, NILGUN	Collaborative Investigation of Noise Driven Spatial Extended Nonlinear Optical Systems NATIONAL SCIENCE FOUNDATION 03-219	\$21,000	1/1/04 - 4/30/04
<u>Statistics</u>			
CHANCE, BETH L.	Evaluating the Impact of Lesson Study on Developing Statistical Thinking NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF MINNESOTA 03-228	\$155,664	1/1/04 - 8/31/06
ROSSMAN, ALLAN	A Data-Oriented, Active Learning, Post-Calculus Introduction to Statistical Concepts, Methods, and Theory NATIONAL SCIENCE FOUNDATION 02-114	\$142,500	2/1/03 - 8/31/04

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
Student Affairs			
<u>Health & Psychological Services</u>			
BRAGG, MARTIN	Freshmen High-Risk Drinking Reduction Program U.S. DEPT OF EDUCATION 03-171	\$297,828	7/1/03 - 6/30/05
<u>Student Academic Services</u>			
CORTEZ, SAM	Cal Poly Upward Bound Project (2003-2008) U.S. DEPT OF EDUCATION 03-106	\$2,356,069	9/1/03 - 8/31/08
DAVIS, DONNA	Allensworth Mentoring Program BP 03-032	\$2,471	1/1/03 - 12/31/03
<u>Student Life & Leadership</u>			
ANDLIG, MAYA L.	GLBU and Pride Alliance Presents CommUnity Pride Week and Respect Zone SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 03-221	\$8,550	6/15/03 - 6/14/04
LAMB, STEPHAN	PROJECT EMBRACE- AmeriCorps: A SLO Countywide Coalition of 9-16 Institutions & Schools, Faith-Based Organizations, Public & Governmental Entities & Grassroots Non Profit Agencies Responding to Community Health & Housing Needs		
RADOVICH, BRADY	CA GOVERNOR'S OFFICE ON SERVICE & VOLUNTEERISM (GO SERV) 03-109	\$334,045	7/1/03 - 6/30/04
LAMB, STEPHAN RADOVICH, BRADY	Learn and Serve Guides Project CORPORATION FOR NATIONAL AND COMMUNITY SERVICE 03-189	\$123,942	10/1/03 - 9/30/06
Other			
<u>Academic Affairs</u>			
ZINGG, PAUL	The Cal Poly Pericles Project: Journey Towards Democracy - Power, Voice and the Public Good AAC & U - CENTER FOR LIBERAL EDUCATION & CIVIC ENGAGEMENT 03-259	\$5,500	8/1/03 - 7/31/04
<u>Academic Programs</u>			
CONN, W. DAVID	Comprehensive Assessment of the Used Oil/HWW Program CA INTEGRATED WASTE MANAGEMENT BOARD 02-268	\$199,842	9/1/02 - 6/30/03
MORROBEL-SOSA, ANNY OPAVA, SUSAN	Poly-WISE 21 NATIONAL SCIENCE FOUNDATION 03-050	\$2,487,326	1/1/03 - 12/31/07

PROPOSALS SUBMITTED IN FISCAL YEAR 2003

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<u>Research & Graduate Programs</u>			
OPAVA, SUSAN	SIL, Inc. Master Agreement SPACE INFORMATION LABORATORIES, INC. 03-148	\$0	2/1/03 - 1/31/08
<u>University Police Department</u>			
AEILTS, ANTHONY	Universal Hiring Program 2003 U.S. DEPT OF JUSTICE - UNIVERSAL HIRING PROGRAM 03-260	\$150,000	7/1/03 - 6/30/07
AEILTS, ANTHONY	High-Tech Crime & Terrorism Reduction Utilizing a Community Policing Approach U.S. DEPT OF JUSTICE (COPS) 03-271	\$227,917	9/1/03 - 8/31/04
JORDAN, DONNA	Bulletproof Vest Partnership 2002-03 U.S. DEPT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS 03-145	\$2,439	7/1/02 - 6/30/03
GRAND TOTALS:		245 Proposals	\$34,278,190