

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b>Agriculture</b>			
<b><u>Agribusiness</u></b>			
MACDOUGALL, NEAL	<b>Advancement of the Sustainable Agriculture Resource Consortium (SARC) at Cal Poly</b> COLUMBIA FOUNDATION 04-091	\$468,224	5/1/04 - 4/30/09
NOEL, JAY	<b>An Analysis of Regulatory Effects on California Strawberry Growers: A Compliance Cost Analysis of Environmental and Pesticide Regulations</b> CA STRAWBERRY COMMISSION 04-210	\$22,579	7/1/04 - 6/30/05
HURLEY, SEAN			
RICKARD, BRADLEY J.	<b>Traceability for Food Marketing and Safety: An Economic Framework and Case Studies</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE VIA CSU FRESNO 04-206	\$13,000	2/1/04 - 6/30/04
<b><u>Agricultural Education</u></b>			
FLORES, ROBERT A.	<b>California Agricultural Education - Professional Development Project (2003-04)</b> CA DEPT OF EDUCATION 04-001	\$194,991	6/15/03 - 6/14/04
FLORES, ROBERT A.	<b>San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2004)</b> CA DEPT OF EDUCATION 04-133	\$13,750	1/12/04 - 1/11/05
<b><u>Animal Science</u></b>			
BECKETT, JONATHON	<b>Efficacy &amp; persistency of injectable dewormers differing in active ingredient and carrier on weight gain and fecal egg count in stocker beef cattle</b> FORT DODGE ANIMAL HEALTH 03-188	\$34,000	3/20/03 - 7/5/04
BECKETT, JONATHON	<b>Evaluation of Optaflexx on Growth Performance and Carcass Characteristics in Calf-Fed Holstein Steers Fed to Harvest</b> ELANCO ANIMAL HEALTH 04-182	\$52,928	4/1/04 - 12/31/04
BECKETT, JONATHON	<b>Evaluation of Optaflexx on Growth Performance and Carcass Characteristics in Calf-Fed Holstein Steers Fed to Harvest - Small Study</b> ELANCO ANIMAL HEALTH 04-183	\$11,357	4/1/04 - 7/30/04
DELMORE, ROBERT	<b>Effect of developing and implementing best practices for beef slaughter on food safety at small and very small meat processing facilities</b> NATIONAL CATTLEMEN'S BEEF ASSOCIATION 04-115	\$50,000	2/1/04 - 4/30/05
VANCE, ROBERT D			
HALL, MICHAEL	<b>Walters Creek Grazing Management and Riparian Restoration Project</b> MORRO BAY NATIONAL ESTUARY PROGRAM 04-085	\$26,500	7/1/03 - 6/30/05
KOUTSOS, ELIZABETH	<b>Interactions between poultry health &amp; nutrition</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-018	\$140,122	7/1/03 - 6/30/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Animal Science</u></b>			
KOUTSOS, ELIZABETH	<b>Testing Feed Enzymes in Poultry Diets</b> ZYMETRICS, INC. 04-181	\$25,875	1/30/04 - 1/31/05
PETERSON, DANIEL	<b>Mechanistic relationship between trans-10, cis-12 CLA and lipid metabolism in mice</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI 04-170	\$310,839	10/1/04 - 9/30/06
<b><u>BioResource and Agricultural Engineering</u></b>			
BURT, CHARLES	<b>Technical Assistance to Upper Columbia Area Irrigation Districts and "Bridging-the-Headgate" Partners</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 03-184	\$88,213	7/1/03 - 12/31/03
BURT, CHARLES	<b>Canal Automation Optimization</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-004	\$120,000	7/1/03 - 6/30/05
BURT, CHARLES	<b>National Training Workshop on Irrigation Modernization for Integrated Water Resources Management - Nepal</b> UN FOOD AND AGRICULTURE ORGANIZATION 04-008	\$17,561	9/10/03 - 12/15/03
BURT, CHARLES	<b>Irrigation Evaluation Short Courses and Rapid Evaluation of DU Equations</b> CA DEPT OF WATER RESOURCES 04-062	\$92,000	1/1/04 - 6/30/06
BURT, CHARLES	<b>Water Conservation Technical Assistance Program to Irrigation Districts in the Upper Columbia Area</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-074	\$75,000	1/1/04 - 12/31/04
BURT, CHARLES	<b>Water Conservation Technical Assistance to Irrigation Districts in the Yuma Area</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-075	\$35,000	1/1/04 - 12/31/04
BURT, CHARLES	<b>On-Farm Irrigation System Evaluations for Federal Water Contractors in the Sacramento Valley</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-083	\$30,000	5/1/04 - 12/31/04
BURT, CHARLES	<b>On-Farm Irrigation System Evaluations for Federal Water Contractors in the San Joaquin Valley</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-084	\$30,000	5/1/04 - 12/31/04
BURT, CHARLES	<b>Evaluation of Irrigation Projects for System Modernization Potential in the Phillipines</b> WORLD BANK GROUP 04-089	\$18,132	10/10/03 - 11/3/03
BURT, CHARLES	<b>SCADA Integration Services - Klamath Basin</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-188	\$91,700	3/16/04 - 4/1/05
BURT, CHARLES	<b>Technical Assistance to San Luis Canal Company (A Mid-Pacific Irrigation District)</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-235	\$29,872	7/1/04 - 9/30/05
BURT, CHARLES	<b>Variable Frequency Drive (VFD) Applications Research</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-236	\$80,799	7/1/04 - 10/1/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>BioResource and Agricultural Engineering</u></b>			
STYLES, STUART	<b>Field Flow Measurement Class for Truckee-Carson Irrigation</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-022	\$6,000	8/1/03 - 12/31/03
STYLES, STUART	<b>Examination of the Optimization of District Drain Pump Operations</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-086	\$24,648	7/1/04 - 6/30/05
STYLES, STUART	<b>Technology Transfer for US Bureau of Reclamation Water Users</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-088	\$450,000	2/16/04 - 8/14/05
STYLES, STUART	<b>Technical Training Workshops at CSU Chico for Irrigation Districts in the Sacramento Valley</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-107	\$18,504	1/1/04 - 12/31/04
STYLES, STUART	<b>Rapid Appraisal of Three Irrigation Districts in the Sacramento Valley</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-108	\$29,611	3/1/04 - 12/31/04
STYLES, STUART	<b>Technical Assistance to Western U.S. Water Districts</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-213	\$287,216	10/1/04 - 12/31/05
STYLES, STUART	<b>Rapid Appraisal of the Arch Hurley Conservancy District</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-217	\$12,500	5/1/04 - 9/30/04
STYLES, STUART	<b>Rapid Appraisal of Two Irrigation Districts in the San Joaquin Valley</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-237	\$20,454	7/1/04 - 9/30/05
WALKER, ROBERT	<b>Water Budget Manager Enhancement</b> U.S. DEPT OF INTERIOR, BUREAU OF RECLAMATION 04-202	\$28,447	3/1/04 - 12/31/04
WILLIAMS, DOUGLAS	<b>Covered Lagoon and Microturbine Project</b> SOUTHERN CALIFORNIA GAS COMPANY 04-016	\$15,000	9/1/03 - 6/30/04
WILLIAMS, DOUGLAS	<b>Improved Utilization of the Biogas from the Cal Poly Dairy Covered Lagoon</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-021	\$30,000	7/1/03 - 6/30/04
WILLIAMS, DOUGLAS	<b>Energy Innovations Small Grant Program Technical Review Board Participant</b> CA ENERGY COMMISSION VIA SAN DIEGO STATE UNIVERSITY FOUNDATION 04-127	\$20,000	10/1/03 - 12/31/05
WILLIAMS, DOUGLAS	<b>Optimization of a Biotechnology for the Commercial Production of Ethanol from Biomass</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI VIA SUN RESOURCES BIOLOGICAL SYSTEMS 04-146	\$234,665	6/1/04 - 6/1/06
<b><u>College of Agriculture</u></b>			
MARK, WALTER WONG, JEFFREY C.	<b>Development of Pitch Canker Resistant Stock of Monterey Pine, Ano Nuevo Stand</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-006	\$84,029	7/1/03 - 6/30/06

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>College of Agriculture</u></b>			
MARK, WALTER	<b>Sudden Oak Death Distribution and Detection - 2004 Aerial and Ground Survey</b> U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 04-248	\$58,000	5/1/04 - 4/30/05
MARK, WALTER	<b>2004 Ground Survey for Phytophthora ramorum Detection in the California Coast Ranges</b> U.S. DEPT OF AGRICULTURE (FOREST SERVICE) VIA SONOMA STATE UNIVERSITY 04-255	\$28,768	5/1/04 - 4/30/05
WEHNER, DAVID J	<b>MESA Agriculture Initiative Program-Cal Poly Field Station 2004-2005</b> MESA VIA UNIVERSITY OF CALIFORNIA, SANTA CRUZ 04-175	\$80,000	7/1/04 - 6/30/05
<b><u>Dairy Products Technology Center</u></b>			
FARKYE, NANA	<b>Development of Process Queso Fresco</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-007	\$151,293	7/1/03 - 6/30/06
FARKYE, NANA	<b>Yield of Queso Fresco manufactured from Jersey milk</b> AJCC RESEARCH FOUNDATION 04-063	\$13,589	4/1/04 - 3/31/05
FARKYE, NANA	<b>Research On Designer Milks</b> SELECT MILK PRODUCERS, INC. 04-136	\$28,435	10/1/03 - 12/31/03
FERREIRA, LESLIE	<b>Master Agreement: Calendar Year 2004</b> CA DAIRY RESEARCH FOUNDATION 04-104	\$0	1/1/04 - 12/31/04
JIMENEZ-FLORES, RAFAEL	<b>Early detection of spores and spore formers using PCR and chemiluminescence in commercial dairy powder samples</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-011	\$73,844	7/1/03 - 6/30/05
JIMENEZ-FLORES, RAFAEL	<b>Development of a non-radioactive binding assay to screen for probiotic bacteria</b> CHR HANSEN ANIMAL HEALTH AND NUTRITION 04-064	\$25,000	3/1/04 - 2/28/05
JIMENEZ-FLORES, RAFAEL TONG, PHILLIP	<b>Development of Dairy Products Enriched in Milk Fat Globule Membranes and their Characterization Using Laser Tweezers</b> CSU - AGRICULTURAL RESEARCH INITIATIVE (SYSTEMWIDE) 04-143	\$526,000	7/1/04 - 6/30/07
JIMENEZ-FLORES, RAFAEL	<b>Process for Manufacture of New Dairy Products Enriched in Milk Fat Globule Membrane</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI 04-145	\$499,374	9/1/04 - 8/31/07
JIMENEZ-FLORES, RAFAEL SHARPE, JOHN P	<b>Use of Laser Tweezers Technology for Measuring Membrane-Membrane Interactions in Dairy Systems</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI 04-186	\$199,970	10/1/04 - 9/30/06
TONG, PHILLIP	<b>Continuing Education Program Activities for the Dairy Industry</b> CA CHEESE RESEARCH & EDUCATION FUND 04-090	\$6,500	1/1/03 - 5/30/04
TONG, PHILLIP	<b>Cal Poly Dairy Ingredients Applications Program 2004</b> CA DAIRY RESEARCH FOUNDATION 04-100	\$368,280	1/1/04 - 12/31/04

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<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> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-013	\$5,500	7/1/03 - 6/30/05
<b><u>Food Science &amp; Nutrition</u></b>			
HAMPSON, BRIAN	<b>Implementation of New Technologies - Audit the efficacy of interventions currently in use by small businesses in commercial meat and poultry processing operations</b> U.S. DEPT OF AGRICULTURE (FSIS) 04-081	\$25,000	9/1/03 - 8/31/04
NICHOLSON, LISA	<b>Moms, Kids and Food</b> ALLEN FOUNDATION, INC. 04-138	\$34,629	7/1/04 - 6/30/05
NICHOLSON, LISA	<b>Moms, Kids and Food</b> CA ATTORNEY GENERAL 04-178	\$150,000	7/15/04 - 7/14/05
NICHOLSON, LISA	<b>Moms, Kids and Food: Using Television to Reduce Child Obesity</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI 04-276	\$197,801	10/1/04 - 9/30/05
OLABI, AMMAR  JIMENEZ-FLORES, RAFAEL	<b>Sensory Properties of Whey Cream-Based Buttermilk and their Relation to Super Critical Fluid Extraction</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-019	  \$114,572	  7/1/03 - 6/30/05
<b><u>Horticulture &amp; Crop Science</u></b>			
BROWN, J WYATT HAMPSON, BRIAN	<b>Investigations to Increase the Shelf-life of Cilantro and Selected Vegetables</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-015	\$40,000	7/1/03 - 6/30/05
COSTELLO, MICHAEL J STEINMAUS, SCOTT	<b>Mealybugs in Central Coast Vineyards</b> UNIVERSITY OF CALIFORNIA, BERKELEY 04-053	\$5,000	7/1/03 - 6/30/04
COSTELLO, MICHAEL J HOWARD, WAYNE	<b>Filling in some information gaps on Willamette mite: water, sulfur and the economic injury level</b> AMERICAN VINEYARD FOUNDATION 04-158	\$65,769	4/1/04 - 3/31/07
COSTELLO, MICHAEL J HOWARD, WAYNE	<b>Filling in some information gaps on Willamette mite: water, sulfur and the economic injury level</b> U.S. DEPT OF AGRICULTURE VIA UNIVERSITY OF CALIFORNIA - VITICULTURE CONSORTIUM 04-161	\$65,769	4/1/04 - 3/31/07
COSTELLO, MICHAEL J HOWARD, WAYNE	<b>Filling in some information gaps on Willamette mite: water, sulfur and the economic injury level</b> UNIVERSITY OF CALIFORNIA 04-162	\$88,788	4/1/04 - 3/31/07
STEINMAUS, SCOTT	<b>Development of a predictive model for Arundo donax based on climate in California</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-020	\$110,000	7/1/03 - 6/30/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Natural Resource Management</u></b>			
DICUS, CHRISTOPHER A.	<b>Fuel Loading vs. Soil Erosion in an Uneven-aged Managed Sequoia sempervirens Forest</b> SAVE-THE-REDWOODS-LEAGUE 04-105	\$41,725	1/1/04 - 12/31/06
DICUS, CHRISTOPHER A.	<b>Fire Hazard Analysis Demonstrations</b> CA DEPT OF FORESTRY 04-137	\$85,000	1/1/04 - 6/30/06
DICUS, CHRISTOPHER A.	<b>McIntire-Stennis - Effects of Post-harvest Fuel Loading on Fire Behavior and Soil Erosion in a Coast Redwood Forest</b> U.S. DEPT OF AGRICULTURE (CSREES) 04-142	\$48,242	10/1/03 - 9/30/07
DIETTERICK, BRIAN MARK, WALTER	<b>An Evaluation of Event-based Suspended Sediment Monitoring Protocols on Two Forested Coastal Watersheds</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE (SYSTEMWIDE) 04-017	\$316,898	7/1/04 - 6/30/07
DIETTERICK, BRIAN MARK, WALTER	<b>Preharvest Calibration of Paired and Nested Watershed Studies to Evaluate Event-Based Suspended Sediment Export</b> U.S. DEPT OF AGRICULTURE (CSREES) - NRI 04-132	\$351,873	7/1/04 - 6/30/07
DIETTERICK, BRIAN MARK, WALTER	<b>Acquisition of Instrumentation for Evaluating the Event-based Sediment Response for the Little Creek Project</b> NATIONAL SCIENCE FOUNDATION (MRI) 04-148	\$118,768	8/1/04 - 7/31/05
GILL, SAMANTHA	<b>Inventory and Modeling of Giant Sequoia Groves within the National Monument</b> SAVE-THE-REDWOODS-LEAGUE 04-106	\$59,255	3/1/04 - 3/1/06
GILL, SAMANTHA	<b>McIntire-Stennis - Simulating Tree Crown Profiles Using Principal Component Analysis</b> U.S. DEPT OF AGRICULTURE (CSREES) 04-141	\$22,000	10/1/03 - 9/30/05
HENDRICKS, WILLIAM	<b>The Economic Impact of Visitors to Morro Bay State Park on Local Communities - Phase II</b> CA DEPT OF PARKS & RECREATION 04-023	\$4,850	7/1/03 - 6/30/04
PIIRTO, DOUGLAS	<b>Management Strategies and Understory Growth Response in Young-Growth Giant Sequoia Stands at Mountain Home Demonstration State Forest</b> CSU CHANCELLOR - AGRICULTURE RESEARCH INITIATIVE 04-005	\$60,542	7/1/03 - 6/30/06
PIIRTO, DOUGLAS SHELTON, MARK	<b>McIntire-Stennis Forestry Research Program (2003-2004)</b> U.S. DEPT OF AGRICULTURE (CSREES) 04-139	\$22,855	10/1/03 - 9/30/04
PIIRTO, DOUGLAS	<b>Central California Consortium (CCC) Student Liaison</b> U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 04-224	\$4,500	4/27/04 - 9/30/04
THOMPSON, RICHARD	<b>McIntire-Stennis - Development of Product Quality Criteria for California Urban Solidwood Materials</b> U.S. DEPT OF AGRICULTURE (CSREES) 04-140	\$7,600	10/1/03 - 9/30/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Architecture &amp; Env Design</u></b>			
<b><u>Architecture</u></b>			
POHL, JENS	<b>ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support - Stage 5</b> CDM TECHNOLOGIES, INC. 04-052	\$209,891	9/6/03 - 12/12/03
POHL, JENS	<b>ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support - Stage 6</b> CDM TECHNOLOGIES, INC. 04-128	\$199,981	12/13/03 - 4/2/04
POHL, JENS	<b>ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support - Stage 7</b> CDM TECHNOLOGIES, INC. 04-233	\$274,976	5/1/04 - 9/30/04
POHL, JENS	<b>Collaborative Decision-Support Systems Workshop</b> U.S. DEPT OF THE NAVY, OFFICE OF NAVAL RESEARCH 04-240	\$50,000	4/15/04 - 12/31/04
<b><u>City &amp; Regional Planning</u></b>			
DEL RIO NASCIMENTO, VICENTE SIEMBIEDA, WILLIAM	<b>Beyond Brasilia - Comtemporary Urban Design in Brazil</b> GRAHAM FOUNDATION 04-048	\$10,000	7/1/03 - 12/31/04
DOYLE, D. GREGG LEVI, DANIEL J	<b>Street Design for an Active Life: Assessing the Effects of a Neighborhood Traffic Calming Project in Santa Barbara, CA</b> ROBERT WOOD JOHNSON FOUNDATION 04-249	\$347,789	10/1/04 - 9/30/06
DUBBINK, DAVID	<b>The Effects of Noise from Highway Construction and Operation on Sensitive Birds</b> CA DEPT OF TRANSPORTATION (CALTRANS) 04-152	\$1,283,200	7/1/04 - 6/30/07
HOWARD, ZELJKA PAVLOVICH	<b>San Miguel Community Plan</b> SAN LUIS OBISPO, COUNTY OF 04-096	\$5,000	9/22/03 - 4/30/04
SIEMBIEDA, WILLIAM	<b>Community Development Strategies for Home-ownership</b> U.S. DEPT OF HOUSING AND URBAN DEVELOPMENT 04-009	\$39,873	1/15/04 - 1/14/05
SIEMBIEDA, WILLIAM DUBBINK, DAVID	<b>Community Development Work Study Program (CDWSP)</b> U.S. DEPT OF HOUSING AND URBAN DEVELOPMENT (CDWSP) 04-274	\$90,000	10/1/04 - 9/30/06
<b><u>Construction Management</u></b>			
JONES, BARRY	<b>Collaborative Innovative Learning Structures</b> CA DEPT OF EDUCATION VIA MODESTO JR. COLLEGE 03-238	\$35,216	1/1/03 - 9/30/03

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Construction Management</u></b>			
JONES, BARRY	<b>Collaborative Innovative Learning Structures</b> CA DEPT OF EDUCATION VIA MODESTO JR. COLLEGE 04-270	\$10,000	6/1/04 - 5/31/05
<b><u>Landscape Architecture</u></b>			
BREMER, WALTER HOPKINS, RALPH	<b>PLACE3S On-Campus Project Development and Training</b> SAN LUIS OBISPO, COUNCIL OF GOVERNMENTS (SLOCOG) 04-121	\$21,100	2/1/04 - 3/31/05
BREMER, WALTER HOPKINS, RALPH	<b>PLACE3S Off-Campus Workshops and Support</b> SAN LUIS OBISPO, COUNCIL OF GOVERNMENTS (SLOCOG) 04-160	\$72,587	2/1/04 - 3/31/05
<b><u>Business</u></b>			
<b><u>Economics</u></b>			
HAMILTON, STEPHEN	<b>Variety Competition in Retail Grocery Markets</b> U.S. DEPT OF AGRICULTURE VIA UNIVERISTY OF WISCONSIN-MADISON (FSRG) 04-198	\$28,434	10/1/04 - 9/30/05
<b><u>Finance</u></b>			
RIENER, KENNETH VILLEGAS, DANIEL	<b>Economic and Social Benefits Assessment</b> CSU CHANCELLOR 04-207	\$143,120	4/9/04 - 10/31/04
<b><u>Education</u></b>			
<b><u>Education</u></b>			
CHIN, ELAINE KONOPAK, BONNIE	<b>Comparing Different Pathways to Teacher Preparation and Their Impact on Teacher Quality and Student Achievement: An Evaluation of Traditional and Experimental Approaches Taken to Scale</b> U.S. DEPT OF EDUCATION - INSTITUTE OF EDUCATION SCIENCES 04-116	\$5,975,359	1/1/05 - 12/31/09
CHIN, ELAINE KONOPAK, BONNIE	<b>National Center for the Study of Alternative Pathways to Teaching</b> U.S. DEPT OF EDUCATION - INSTITUTE OF EDUCATION SCIENCES 04-239	\$9,937,391	10/1/04 - 9/30/09
HARRIS, KATHLEEN C. RUEF, MICHAEL	<b>Cal Poly SLO Preparing Personnel for Careers in High Incidence Disabilities</b> U.S. DEPT OF EDUCATION 04-199	\$797,489	9/1/04 - 8/31/08
KONOPAK, BONNIE HERTER, ROBERTA	<b>Reading Institutes for Early Assessment Academic Preparation Program</b> CSU CHANCELLOR'S OFFICE 04-047	\$42,479	9/1/03 - 12/31/04
RUEF, MICHAEL HARRIS, KATHLEEN C.	<b>Cal Poly SLO Preparing Special Education Teachers from Diverse Backgrounds</b> U.S. DEPT OF EDUCATION 04-200	\$795,503	9/1/04 - 8/31/08



## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b>Engineering</b>			
<b><u>Advanced Technology Lab</u></b>			
GERFEN, JEFFREY	<b>Caltrans District 12 Testbed Mobile Instrumentation</b> CA DEPT OF TRANSPORTATION (CALTRANS) DIVISION OF RESEARCH AND INNOVATION 03-168	\$150,000	5/15/03 - 6/30/04
<b><u>Aerospace Engineering</u></b>			
BIEZAD, DANIEL	<b>Development of Multidisciplinary Flight Control Techniques for the Simulation of Intelligent Unmanned Autonomous Vehicles</b> NASA - AMES RESEARCH CENTER 04-228	\$100,036	10/1/04 - 9/30/06
DETURRIS, DIANNE	<b>Cluster Separation Flight Test Program</b> NASA - LANGLEY RESEARCH CENTER 04-058	\$85,976	10/1/03 - 8/31/04
HALL, DAVID W. BIEZAD, DANIEL	<b>Advanced Aircraft Concepts Collaboration (AACC)</b> NASA - AMES RESEARCH CENTER 03-081	\$0	8/1/03 - 7/31/06
PUIG-SUARI, JORDI	<b>Studies of U.S. Launch Opportunities for CubeSats</b> DOD VIA STELLAR SOLUTIONS 03-167	\$93,000	9/15/03 - 11/14/04
PUIG-SUARI, JORDI	<b>Astronautics Support</b> BOEING COMPANY, THE 04-054	\$120,000	10/31/03 - 3/31/05
PUIG-SUARI, JORDI	<b>Support of Astronautics at Cal Poly State University</b> BOEING COMPANY, THE 04-212	\$8,000	4/9/04 - 10/31/04
<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 03-153	\$15,293	9/1/03 - 8/31/04
GOEL, RAKESH	<b>Dynamic Analysis Procedures for Performance-Based Seismic Engineering of Unsymmetric-Plan Buildings</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, BERKELEY 04-101	\$121,618	6/1/04 - 5/31/07
GOEL, RAKESH	<b>Development of Guidelines for Post-Earthquake Safety Evaluation of Buildings Using Strong-Motion Records</b> CA DEPT OF CONSERVATION 04-195	\$100,000	7/1/04 - 6/30/05
HALL, GARRETT J. KASPER, ERIC P.	<b>Improving Arterial Stent Deployment and Operation: A Numerical, Experimental, and Clinical Study</b> NATIONAL INSTITUTES OF HEALTH 04-065	\$499,950	10/1/04 - 9/30/07
HALL, GARRETT J.	<b>Structure Based Simulation of Solid-Solid Phase Transforming Materials</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, BERKELEY 04-102	\$51,962	9/1/04 - 8/31/07

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Civil &amp; Environmental Engineering</u></b>			
KACHLAKEV, DAMIAN I. PAL, NIRUPAM	<b>Etching Deterioration in Plastered Swimming Pools</b> NATIONAL PLASTERERS COUNCIL INC. 04-028	\$90,000	9/1/03 - 4/30/04
MUKHERJEE, PARNA	<b>Removal of Perchlorate from Drinking Water by a Wellhead Ion-Exchange Treatment</b> SANTA CLARA VALLEY WATER DISTRICT 04-245	\$39,581	6/1/04 - 5/31/05
NELSON, YARROW M. KITTS, CHRISTOPHER L	<b>Master Agreement Task 6: Physical-Chemical Factors Affecting Sustainability of Natural Attenuation of Dissolved Phase Diluent</b> UNOCAL CORPORATION 04-040	\$50,123	9/1/03 - 8/31/04
NELSON, YARROW M. KITTS, CHRISTOPHER L	<b>Master Agreement Task 7: Anaerobic Hydrocarbon Biodegradation under Methanogenic Conditions</b> UNOCAL CORPORATION 04-041	\$23,621	9/1/03 - 8/31/04
NELSON, YARROW M. KITTS, CHRISTOPHER L	<b>Master Agreement Task 8: The Effect of Steam Injection/Extraction on Populations and Activity of Soil Bacteria: Post Steam Assays</b> UNOCAL CORPORATION 04-042	\$11,529	9/1/03 - 8/31/04
NELSON, YARROW M.	<b>Master Agreement Task 10: EBI 2004 Internship</b> UNOCAL CORPORATION 04-281	\$15,402	6/28/04 - 12/31/04
RAHIM, ASHRAF M. JANSEN, DANIEL	<b>Concrete Bridge Deck Crack Sealing/Filling: An Overview of Research</b> CA DEPT OF TRANSPORTATION (CALTRANS), DIVISION OF RESEARCH AND INNOVATION 04-179	\$28,250	7/1/04 - 3/31/05
RAHIM, ASHRAF M.	<b>Traffic Study for Granite Bee Rock Quarry</b> GRANITE CONSTRUCTION CO. 04-215	\$5,900	4/26/04 - 6/30/04
SULLIVAN, EDWARD	<b>Development of a Benefit-Cost Analysis Website</b> CA DEPT OF TRANSPORTATION (CALTRANS) VIA UNIVERSITY OF CALIFORNIA, BERKELEY 04-080	\$11,500	10/1/03 - 1/31/04
<b><u>Computer Engineering</u></b>			
MACCARLEY, C. ARTHUR	<b>Evaluation of Commercial Video-Based Intersection Signal Actuation Systems</b> PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 04-150	\$97,855	7/1/04 - 6/30/05
MACCARLEY, C. ARTHUR	<b>Developing Automated Data Fusion Mechanisms and Algorithms for Vehicle Reidentification</b> PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 04-208	\$103,242	7/1/04 - 6/30/05
<b><u>Computer Science</u></b>			
HAUNGS, MICHAEL STROHMAN, ROLLIN	<b>Serving a Seamless, High Resolution National Ortho-Photo Map Over Internet2 to Foster Innovative Learning and Collaboration Environments</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 04-250	\$74,979	1/1/05 - 12/31/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Computer Science</u></b>			
KURFESS, FRANZ GILLETTE, DAVID	<b>Using Internet2 for Teaching and Learning</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 04-227	\$99,977	1/1/05 - 12/31/05
SMITH, HUGH LIDDICOAT, ALBERT	<b>A Hardware / Software Co-Design Experience in a Project-Based Capstone Course</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 04-247	\$74,968	1/1/05 - 12/31/07
WOOD, ZOE	<b>Visualizing and Exploring Volumetric Brain Data and Functional Connectivity Using Non-Photorealistic Rendering Techniques</b> AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE 04-012	\$4,000	1/1/04 - 7/15/04
<b><u>Electrical Engineering</u></b>			
CIROVIC, MICHAEL	<b>GPS-Based Tracking System for Trauma Patients</b> U.S. DEPT OF THE ARMY, ARMY STTR VIA SECURESTAR TECHNOLOGIES INC. 04-223	\$28,660	7/1/04 - 8/31/04
LIDDICOAT, ALBERT BLACK, MICHAEL	<b>Cal Poly NSF GK-12 Teaching Fellows</b> NATIONAL SCIENCE FOUNDATION 04-216	\$1,285,970	9/1/04 - 8/31/07
MACCARLEY, C. ARTHUR	<b>Automated Collection, Comparison and Fusion of Data From All Vehicle Presence Detectors in I-405 Detector Test Bed</b> PATH VIA UNIVERSITY OF CALIFORNIA, BERKELEY 04-189	\$77,086	7/1/04 - 6/30/05
<b><u>Industrial &amp; Manufacturing Engineering</u></b>			
ALPTEKIN, SEMA LIU, MEI-LING	<b>Development and Optimization of "Genius" Agents using Soft Computing Technologies</b> NATIONAL SCIENCE FOUNDATION 04-154	\$1,581,954	9/1/04 - 8/31/08
ALPTEKIN, SEMA	<b>Development of Educational Material in Fuzzy Systems</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 04-174	\$499,990	10/1/04 - 9/30/06
CROCKETT, ROBERT	<b>Stability of Dynamic Melt Pools During Deposition in Microgravity</b> NASA OFFICE OF BIOLOGICAL AND PHYSICAL RESEARCH 04-079	\$544,483	6/1/04 - 5/31/08
CROCKETT, ROBERT	<b>Assessment of Technological Risk in Commercial Aircraft Development</b> AIRBUS DEUTSCHLAND GMBH 04-167	\$59,947	4/1/04 - 12/31/04
PAN, JIANBIAO	<b>Lead-Free Solder Joints Reliability Study</b> SOCIETY OF MANUFACTURING ENGINEERS EDUCATION FOUNDATION 04-149	\$14,992	6/1/04 - 5/31/05
PAN, JIANBIAO	<b>Effects of Voids in Lead-Free Solder Joints on Long-Term Reliability</b> INTERNATIONAL MICROELECTRONICS AND PACKAGING SOCIETY 04-211	\$15,000	9/1/04 - 8/31/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Materials Engineering</u></b>			
CHEN, KATHERINE C.	<b>Investigation of Plastic Degradation in Plastic Encapsulated Microcircuits (PEMs) in Simulated Space Conditions</b> LOCKHEED MARTIN 03-156	\$10,000	7/1/03 - 12/23/03
CHEN, KATHERINE C.	<b>Plastic Encapsulated Microcircuits (PEMs) Plastic Degradation Investigation</b> LOCKHEED MARTIN 04-172	\$10,000	3/12/04 - 12/23/04
GRIFFIN, LANNY JONES, DANE	<b>Evaluation of Rapid Setting Polymeric Splinting Systems</b> U.S. DEPT OF THE ARMY 04-214	\$59,994	7/1/04 - 6/30/05
NIEBUHR, DAVID V.	<b>Development of a Tribology Course for Undergraduate Engineers</b> NATIONAL SCIENCE FOUNDATION (CCLI) 04-111	\$99,978	7/1/04 - 6/30/06
NIEBUHR, DAVID V.	<b>Phonon Enhanced Infrared Absorption: Substrates for Improved Infrared Analysis</b> NASA VIA CALIFORNIA INSTITUTE OF TECHNOLOGY JET PROPULSION LAB 04-112	\$13,590	1/15/04 - 2/29/04
NIEBUHR, DAVID V.	<b>Evaluation of Laser Drilled Holes for Diesel Fuel Injector Applications</b> GENERAL ATOMICS 04-267	\$8,741	6/15/04 - 3/31/05
SAVAGE, RICHARD BARBER, CLIFFORD	<b>Design of a Cross-Disciplinary Minor in Micro Systems Technology and a Concentration in Technology Operations: Preparing Students for the New High-Tech Market Place</b> NATIONAL SCIENCE FOUNDATION 03-210	\$99,248	1/1/04 - 12/31/04
VANASUPA, LINDA	<b>Analysis and Design of Guitar Saddles</b> L.R. BAGGS 04-165	\$6,064	2/9/04 - 12/31/04
<b><u>Mechanical Engineering</u></b>			
KLISCH, STEPHEN M.	<b>The Biomechanics of Articular Cartilage Growth</b> NATIONAL INSTITUTES OF HEALTH 04-256	\$202,500	9/1/05 - 8/31/08
NIKU, SAEED LOCASCIO, JAMES	<b>Mechatronics Educational Modules for Junior High and High School Teachers and University Students</b> NATIONAL SCIENCE FOUNDATION (CCLI-A&I) 04-123	\$74,325	1/1/05 - 12/31/07
NIKU, SAEED	<b>Microprocessor Controllable Pliable Surfaces</b> NATIONAL COLLEGIATE INVENTORS AND INNOVATORS ALLIANCE (NCIIA) 04-244	\$15,591	7/1/04 - 12/31/05
NIKU, SAEED LOCASCIO, JAMES	<b>Mechatronics Educational Modules for Junior High and High School Teachers and University Students</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 04-246	\$74,995	1/1/05 - 12/31/07
PASCUAL, CHRISTOPHER	<b>Refrigeration Load Due to Moisture Desorption from Food Packaging Materials</b> AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR-CONDITIONING ENGINEERS 04-122	\$81,261	6/15/04 - 12/15/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Mechanical Engineering</u></b>			
SCHUSTER, PETER BIRDSONG, CHARLES	<b>Development and Assessment of Cost Effective Pedestrian Pre-Crash Sensing / Discrimination System.</b> FORD MOTOR COMPANY 04-026	\$79,792	4/1/04 - 3/31/06
SCHUSTER, PETER	<b>Development of a Bumper Energy Absorbing Structure and Material for Pedestrian Leg Impact</b> FORD MOTOR COMPANY 04-060	\$119,228	3/1/04 - 12/31/06
SCHUSTER, PETER	<b>Development of an Improved Lower Limb Injury Assessment Criterion Based on Validated Biomechanical FEA.</b> FORD MOTOR COMPANY 04-061	\$119,557	4/1/04 - 9/30/06
SHOLLENBERGER, KIM THORNCROFT, GLEN E.	<b>Development of Foundation Materials for Uncertainty Analysis in Engineering Sciences</b> NATIONAL SCIENCE FOUNDATION (CCLI-EMD) 04-275	\$74,998	9/1/04 - 8/31/06
<b><u>Minority Engineering Program</u></b>			
CANTU, DAVID	<b>MESA Engineering Program (MEP) Center- Caltrans Recruiting</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 04-044	\$3,125	6/1/03 - 5/31/04
CANTU, DAVID	<b>Mesa Schools Program 2004-2005</b> UNIVERSITY OF CALIFORNIA, OFFICE OF THE PRESIDENT - MESA 04-194	\$85,000	7/1/04 - 6/30/05
<b><u>Liberal Arts</u></b>			
<b><u>Cal Poly Arts</u></b>			
WILT, PETER	<b>California Arts Council Touring and Presenting Program 2003-2004</b> CA ARTS COUNCIL (TOURING AND PRESENTING PROGRAM) 04-003	\$7,080	10/1/03 - 6/30/04
WILT, PETER	<b>SLO County Community Foundation Grant</b> SAN LUIS OBISPO, COUNTY COMMUNITY FOUNDATION 04-051	\$3,000	12/1/03 - 6/30/04
WILT, PETER	<b>WESTAF Audience Expansion Pilot Project</b> WESTERN STATES ART FEDERATION 04-072	\$10,000	12/1/03 - 12/31/04
WILT, PETER	<b>Artists in Schools Program for 2004-2005 Season</b> SAN LUIS OBISPO, CITY OF -- PROMOTIONAL CORR DINATING COMMITTEE (PCC) 04-185	\$4,500	7/1/04 - 6/30/05
WILT, PETER	<b>Artists in Schools Program 2004</b> SAN LUIS OBISPO, COUNTY OF 04-191	\$4,000	3/1/04 - 6/30/04
WILT, PETER	<b>WESTAF TourWest Program 2004-05 Season</b> WESTERN STATES ART FEDERATION 04-209	\$5,000	12/1/04 - 6/30/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b>History</b>			
MORRIS, ANDREW	<b>Baseball in Taiwan: From the Colonial Game to the National Game</b> CHIANG CHING-KUO FOUNDATION FOR INTERNATIONAL EXCHANGE 04-050	\$8,860	6/1/04 - 9/1/04
<b>Liberal Studies</b>			
DUFFY, SUSAN	<b>NEA Challenge America: Access to the Arts</b> NATIONAL ENDOWMENT FOR THE ARTS 03-244	\$86,891	6/1/04 - 5/31/06
DUFFY, SUSAN	<b>Cal Poly Liberal Studies Dept. Model Development and Dissemination Grant in the Arts</b> U.S. DEPT OF EDUCATION 03-261	\$823,569	6/1/04 - 6/30/07
DUFFY, SUSAN	<b>Professional Development for Arts Educators</b> U.S. DEPT OF EDUCATION 03-262	\$334,379	7/1/04 - 6/30/07
DUFFY, SUSAN	<b>Arts Education Professional Development for Teachers: Supporting A Beginning for Arts Education in San Luis Obispo County</b> NATIONAL EDUCATION ASSOCIATION FOUNDATION 03-263	\$3,000	1/1/04 - 12/31/04
DUFFY, SUSAN	<b>Integrative Learning Opportunities to Connect</b> CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING PROJECT ON INTEGRATIVE LEARNING 04-031	\$5,000	1/1/04 - 12/31/06
DUFFY, SUSAN FRIEND, KATHLEEN	<b>Agricultural Literacy and the Arts: Professional Development Workshops for 5-12 Teachers in San Luis Obispo County</b> W. K. KELLOGG FOUNDATION FOR AGRICULTURE LITERACY VIA UNIVERSITY OF CALIFORNIA, DAVIS 04-066	\$30,000	8/1/03 - 6/30/05
DUFFY, SUSAN	<b>Sea and Earth through Science and Art: An innovative Approach to Teaching about Coastal and Marine Environments K-6</b> CA COASTAL COMMISSION - WHALE TAIL GRANTS PROGRAM 04-095	\$47,468	3/1/04 - 6/30/05
DUFFY, SUSAN	<b>Instituting Standards Based Arts Curriculum in San Luis Obispo County Alternative Schools: A Collaborative Project of the San Luis Obispo County Office of Education and Cal Poly State University College of Liberal Arts</b> CA DEPT OF EDUCATION VIA SAN LUIS OBISPO, COUNTY SUPERINTENDENT OF SCHOOLS OFFICE 04-097	\$20,671	7/1/04 - 6/30/05
DUFFY, SUSAN FRIEND, KATHLEEN	<b>Illuminating Shadows: Introducing the Art of Shadow Puppetry to a New Generation</b> THE FUND FOR FOLK CULTURE 04-159	\$5,000	12/1/04 - 11/30/05
DUFFY, SUSAN FRIEND, KATHLEEN	<b>Teaching Courage, Compassion and Social Justice through Arts Integration in San Luis Obispo County Alternative Schools</b> U.S. DEPT OF EDUCATION VIA SAN LUIS OBISPO, COUNTY OFFICE OF EDUCATION 04-197	\$601,365	8/1/04 - 8/30/08
DUFFY, SUSAN FRIEND, KATHLEEN	<b>Arts Education in San Luis Obispo County</b> CA ARTS COUNCIL 04-219	\$5,000	5/1/04 - 11/30/04

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Liberal Studies</u></b>			
DUFFY, SUSAN FRIEND, KATHLEEN	<b>Arts and Literacy: California Rural Schools</b> NATIONAL ENDOWMENT FOR THE ARTS 04-225	\$89,400	6/1/05 - 5/31/07
DUFFY, SUSAN	<b>Arts Education in San Luis Obispo County Schools</b> SAN LUIS OBISPO, COUNTY COMMUNITY FOUNDATION 04-234	\$5,750	9/10/04 - 9/9/05
DUFFY, SUSAN FRIEND, KATHLEEN	<b>Central Coast Center for Arts Education School Outreach</b> BANK OF AMERICA FOUNDATION 04-254	\$7,878	9/1/04 - 8/31/05
DUFFY, SUSAN	<b>Professional Development in Arts Education for Teachers</b> FITZPATRICK FOUNDATION 04-261	\$11,340	9/1/04 - 8/31/05
DUFFY, SUSAN	<b>Arts Education in San Luis Obispo County Schools</b> WEINGART FOUNDATION 04-264	\$10,000	10/1/04 - 9/30/05
DUFFY, SUSAN	<b>Arts Education in San Luis Obispo County Schools</b> AHMANSON FOUNDATION 04-265	\$10,000	10/1/04 - 9/30/05
<b><u>Philosophy</u></b>			
SALTZMAN, JUDY	<b>Understanding Contemporary Islam</b> AMERICAN UNIVERSITY OF BEIRUT & COUNCIL FOR INTERNATIONAL EXCHANGE OF SCHOLARS 04-098	\$0	4/1/04 - 5/15/04
<b><u>Psychology &amp; Human Development</u></b>			
BURN, SHAWN	<b>Evaluation of the Behavioral Intervention Handbook for Natural Resource Managers</b> U.S. DEPT OF AGRICULTURE (FOREST SERVICE) 03-264	\$18,144	9/15/03 - 12/31/05
VALENCIA-LAVER, DEBRA	<b>California Geriatric Education Center Supplemental Application</b> U.S. DEPT OF HEALTH & HUMAN SERVICES VIA UNIVERSITY OF CALIFORNIA, LOS ANGELES 04-113	\$29,749	7/1/04 - 6/30/05
<b><u>Social Sciences</u></b>			
JONES, TERRY	<b>Foragers and Aridity: A GIS-based Macro-Analysis of Settlement Patterns in Southwestern North America</b> NATIONAL SCIENCE FOUNDATION 04-014	\$247,716	7/1/04 - 6/30/06
JONES, TERRY CHOI, INUI	<b>Archaeological Studies for the Los Osos Wastewater Facilities Project CY 2004</b> FAR WESTERN ANTHROPOLOGICAL RESEARCH GROUP, INC. 04-067	\$24,115	1/1/04 - 12/31/04
JONES, TERRY	<b>2004-2005 Archaeological Field School Site Evaluation Fort Hunter Liggett, Monterey County, California</b> U.S. GENERAL SERVICES ADMINISTRATION 04-070	\$67,500	6/1/04 - 8/31/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Social Sciences</u></b>			
JONES, TERRY	Coon Creek Archaeology CA DEPT OF PARKS & RECREATION 04-076	\$71,101	2/1/04 - 6/30/06
<b><u>Science &amp; Mathematics</u></b>			
<b><u>Biological Sciences</u></b>			
ADAMS, NIKKI	Molecular, developmental, and ecological responses of sea urchin embryos to solar ultraviolet radiation NATIONAL SCIENCE FOUNDATION (RUI) 04-002	\$365,913	1/1/04 - 12/31/06
ADAMS, NIKKI	RUI: Molecular Effects of Ultraviolet Radiation on the Cell Cycle and Development of Sea Urchins NATIONAL SCIENCE FOUNDATION (RUI) 04-144	\$376,678	7/1/04 - 6/30/07
CANO, RAUL	Master Agreement: Guadalupe Remediation and Restoration Project UNOCAL CORPORATION 04-024	\$0	9/1/03 - 8/31/08
CANO, RAUL NAKANE, PAUL	Rapid Antibiotic Susceptibility Test Development NAKANE DIAGNOSTICS, INC. 04-257	\$53,510	10/1/04 - 9/30/05
HOLLAND, V. L.	Master Agreement Task 1: Ecoremediation - Restoration Project UNOCAL CORPORATION 04-035	\$60,999	9/1/03 - 8/31/04
HOLLAND, V. L.	Master Agreement Task 2: Ecoremediation - Phytoremediation Project UNOCAL CORPORATION 04-036	\$42,951	9/1/03 - 8/31/04
KITTS, CHRISTOPHER L	Coachella Valley Study: Source Tracking of Fecal Coliform Contamination in the Coachella Valley Watershed CA REGIONAL WATER QUALITY CONTROL BOARD 03-065	\$58,235	9/1/03 - 4/30/04
KITTS, CHRISTOPHER L	Master Agreement Task 3: Microbial Community Dynamics during Phytoremediation UNOCAL CORPORATION 04-037	\$27,146	9/1/03 - 8/31/04
KITTS, CHRISTOPHER L CANO, RAUL	Master Agreement Task 4: Microbial Tools at Guadalupe UNOCAL CORPORATION 04-038	\$165,931	9/1/03 - 8/31/04
KITTS, CHRISTOPHER L NELSON, YARROW M.	Master Agreement Task 5: Bacterial Factors Affecting the Sustainability of Natural Attenuation UNOCAL CORPORATION 04-039	\$34,674	9/1/03 - 8/31/04
KITTS, CHRISTOPHER L	Molecular Probes for N-and C-Cycling in Soils UNIVERSITY OF CALIFORNIA - LOS ALAMOS NATIONAL LABORATORY 04-057	\$84,512	10/1/03 - 9/30/04
KITTS, CHRISTOPHER L	Master Agreement Task 9:TB8 Willow UNOCAL CORPORATION 04-119	\$5,218	9/1/03 - 8/31/04



## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b>Biological Sciences</b>			
MOLINE, MARK	<b>SCCOOS: Shelf to Shoreline Observatory Development</b> NOAA VIA SCRIPPS INSTITUTION OF OCEANOGRAPHY 04-087	\$448,861	3/1/04 - 2/28/07
MOLINE, MARK	<b>Florida Integrated Sampling of Harmful Algal Blooms (FISHAB)</b> NOAA VIA FLORIDA ENVIRONMENTAL RESEARCH INSTITUTE 04-092	\$150,015	2/1/04 - 1/31/07
MOLINE, MARK	<b>Yr 3: 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 04-134	\$253,890	8/1/04 - 7/31/05
MOLINE, MARK BENSKY, THOMAS	<b>SST: An autonomous underwater blue laser system for fine-scale distributions of chlorophyll fluorescence lifetimes and yields</b> NATIONAL SCIENCE FOUNDATION 04-169	\$620,171	1/1/05 - 12/31/07
MOLINE, MARK	<b>ITR: COLLABORATIVE RESEARCH: (ASE)-(DMC+INT+SIM): Designing the Next Generation CI to Operate Interactive Ocean Observatories</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF CALIFORNIA, SAN DIEGO 04-180	\$200,000	10/1/04 - 9/30/08
MOLINE, MARK	<b>Sampling Strategies for a GeoStationary Hyperspectral Coastal Mission</b> NASA VIA JET PROPULSION LABORATORY 04-222	\$68,376	10/1/04 - 9/30/05
NAKAMURA, ROYDEN VILLABLANCA, FRANCIS	<b>Population Genetic Structure of the Commercially Important Cabezon Based on Multiple Loci</b> CA SEA GRANT PROGRAM (FISHERIES) 04-068	\$62,340	3/1/05 - 2/28/06
NAKAMURA, ROYDEN WENDT, DEAN	<b>A Collaborative Study Between Fishers and Independent Scientists on the Trap Fishery and Targeted Cabezon of the Central California Region</b> FISHERIES CONSERVATION FOUNDATION / AMERICAN FISHERIES SOCIETY 04-232	\$169,865	3/1/05 - 2/28/07
WENDT, DEAN MOLINE, MARK	<b>UMEB Mentoring Undergraduate Research in Marine Environmental Science</b> NATIONAL SCIENCE FOUNDATION 04-078	\$500,000	9/1/04 - 8/31/09
WENDT, DEAN	<b>Coastal Experiential Education (CEE)</b> CA COASTAL COMMISSION - WHALE TAIL GRANTS PROGRAM 04-103	\$39,840	7/1/04 - 6/30/06
WENDT, DEAN	<b>Collaborative Research on the Marine Resources of San Luis Obispo County</b> RESOURCES LEGACY FUND FOUNDATION, CALIFORNIA COASTAL & MARINE INITIATIVE (CCMI) 04-151	\$167,257	2/1/04 - 1/31/05
WENDT, DEAN	<b>Bio-Fouling Sample Testing</b> NORTH DAKOTA STATE UNIVERSITY 04-177	\$14,000	3/19/04 - 9/30/04
WENDT, DEAN	<b>Has Morro Bay Been Invaded? Characterization of the Non-Indigenous Invertebrate Macro-Fouling Community</b> MORRO BAY NATIONAL ESTUARY PROGRAM 04-273	\$50,963	9/1/04 - 8/31/05

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Chemistry and BioChemistry</u></b>			
FERNANDO, RAYMOND	<b>Study for the Development of a Sealant Detackifier</b> BOEING COMPANY, THE 04-193	\$43,000	4/15/04 - 12/31/04
GRAGSON, DEREK	<b>Summer Undergraduate Research Fellowship (Gaithersburg, MD)</b> NATIONAL INSTITUTES OF STANDARDS AND TECHNOLOGY 04-163	\$6,300	5/1/04 - 9/1/04
GRAGSON, DEREK	<b>Summer Undergraduate Research Fellowship (Boulder, CO)</b> NATIONAL INSTITUTES OF STANDARDS AND TECHNOLOGY 04-166	\$6,300	5/1/04 - 9/1/04
GRAGSON, DEREK	<b>Exploring the Design and Fabrication of Nanoscale Architectures Fashioned via Layer-by-Layer Adsorption of Polyelectrolytes</b> PETROLEUM RESEARCH FUND (AMERICAN CHEMICAL SOCIETY) 04-220	\$50,000	1/1/05 - 8/31/08
IMMOOS, CHAD E.	<b>Electrochemical Studies of Diffusion in Biomembranes</b> CAMILLE AND HENRY DREYFUS FOUNDATION, INC. 04-242	\$20,000	9/1/04 - 8/31/09
KANTOROWSKI, ERIC	<b>Development of a Radical Precursor/Chiral Auxiliary Strategy for Asymmetric Cyclizations</b> RESEARCH CORPORATION (COTTRELL COLLEGE SCIENCE AWARDS) 04-094	\$35,000	7/1/04 - 6/30/06
LINDERT, LISA M.	<b>Mechanistic study of PfPK5/Pfcyc-1 and PfPK6, cyclin-dependent protein kinases from Plasmodium falciparum</b> PETROLEUM RESEARCH FUND (AMERICAN CHEMICAL SOCIETY) 04-131	\$35,000	9/1/04 - 8/31/06
WILLS, MAX	<b>VOC Testing of Recycled Latex Paint</b> METRO REGIONAL CENTER 04-252	\$4,000	7/1/04 - 12/31/04
<b><u>Kinesiology</u></b>			
PUHL, SUSAN	<b>Physical Fitness Training Program for Fire Fighters</b> CA DEPT OF FORESTRY VIA SAN LUIS OBISPO, COUNTY FIRE DEPT 04-187	\$5,000	3/29/04 - 6/12/04
<b><u>Mathematics</u></b>			
AGRONSKY, STEVEN	<b>Mathematics Diagnostic Testing Project (MDTP) 2002-2003</b> UNIVERSITY OF CALIFORNIA 03-197	\$18,008	7/1/02 - 6/30/03
AGRONSKY, STEVEN	<b>Mathematics Diagnostic Testing Project (MDTP) 2003-2004</b> UNIVERSITY OF CALIFORNIA 04-118	\$25,522	7/1/03 - 6/30/04
BACHMAN, DAVID	<b>Collaborative Research: Heegaard Splittings versus Surface Automorphisms</b> NATIONAL SCIENCE FOUNDATION 04-093	\$162,022	6/1/04 - 5/31/07
GRUNDMEIER, TODD	<b>Relating Problem Posing to Practice: A Professional Development Opportunity for Mathematics Teachers</b> U.S. DEPT OF EDUCATION - INSTITUTE OF EDUCATION SCIENCES 04-124	\$283,891	7/1/04 - 6/30/07

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Mathematics</u></b>			
SHAPIRO, JONATHAN E. BORZELLINO, JOSEPH	<b>REU Site: Summer Research Program in Operator Theory and Topology</b> NATIONAL SCIENCE FOUNDATION (REU) 04-030	\$314,548	4/1/04 - 3/31/07
<b><u>Physics</u></b>			
SCHWARTZ, PETER	<b>Molecular Transport from an Atomic Force Microscope Tip: The Basic Science Behind Dip-Pen Nanolithography</b> PETROLEUM RESEARCH FUND (AMERICAN CHEMICAL SOCIETY) 04-129	\$35,000	6/1/04 - 6/30/06
<b><u>Statistics</u></b>			
CHANCE, BETH L.	<b>Evaluating the Impact of Lesson Study on Developing Statistical Thinking</b> NATIONAL SCIENCE FOUNDATION VIA UNIVERSITY OF MINNESOTA 04-114	\$219,953	9/1/04 - 8/31/07
<b><u>Student Affairs</u></b>			
<b><u>Health &amp; Psychological Services</u></b>			
BRAGG, MARTIN	<b>Safer California Universities: A Multi-Campus Alcohol Problem Prevention Study</b> NIAAA VIA PREVENTION RESEARCH CENTER, PACIFIC INSTITUTE FOR RESEARCH & EVALUATION 04-071	\$150,000	9/15/03 - 9/14/08
<b><u>Student Affairs</u></b>			
MORTON, CORNEL GEORGE, TERESA	<b>The Women's Safety Project - A Campus and Community Coalition to Reduce Violent Crimes Against Women</b> U.S. DEPT OF JUSTICE, OFFICE OF VIOLENCE AGAINST WOMEN 04-168	\$200,000	10/1/04 - 9/30/06
<b><u>Student Life &amp; Leadership</u></b>			
ANDLIG, MAYA L.	<b>GLBU and Pride Alliance Presents Coming Out Day and Respect Zone Training</b> SAN LUIS OBISPO COUNTY COMMUNITY FOUNDATION 04-260	\$2,538	8/1/04 - 7/31/05
BRUCE, LISA K.	<b>Cal Poly Open House 2004</b> SAN LUIS OBISPO, CITY OF 04-010	\$1,500	7/1/03 - 6/30/04
BRUCE, LISA K.	<b>Cal Poly Open House 2005</b> SAN LUIS OBISPO, CITY OF 04-190	\$1,900	7/1/04 - 6/30/05
LAMB, STEPHAN RADOVICH, BRADY	<b>Cal Poly Corps</b> CA GOVERNOR'S OFFICE ON SERVICE & VOLUNTEERISM (GO SERV) 04-099	\$295,446	7/1/04 - 6/30/05
LAMB, STEPHAN RADOVICH, BRADY	<b>AmeriCorps*VISTA (Volunteers In Service To America)</b> CORPORATION FOR NATIONAL AND COMMUNITY SERVICE 04-109	\$0	1/1/04 - 12/31/04

## PROPOSALS SUBMITTED IN FISCAL YEAR 2004

PI CO-PI	TITLE AGENCY PROPOSAL #	AMOUNT REQUESTED	PROJECT DATES
<b><u>Student Life &amp; Leadership</u></b>			
LAMB, STEPHAN RADOVICH, BRADY	<b>Learn and Serve - Students in Action Concerned About Hunger and Homelessness Issues</b> LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 04-130	\$5,000	2/1/04 - 6/30/06
LAMB, STEPHAN RADOVICH, BRADY	<b>Realizing the Civic Mission of Education at Cal Poly, San Luis Obispo</b> LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 04-171	\$38,000	5/1/04 - 6/30/06
<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 2002-2003)</b> LEARN AND SERVE VIA CSU CHANCELLOR'S OFFICE 04-055	\$48,000	7/1/03 - 6/30/04
<b><u>Academic Programs</u></b>			
CONN, W. DAVID	<b>Assessing High Academic Performance Among Cal Poly Partner School Students</b> IRVINE & PACKARD FOUNDATIONS VIA UNIVERSITY OF CALIFORNIA, BERKELEY 04-029	\$24,000	9/1/03 - 8/31/04
<b><u>Research &amp; Graduate Programs</u></b>			
OPAVAL, SUSAN	<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 04-027	\$3,100,000	9/15/03 - 9/14/04
OPAVAL, SUSAN	<b>Cal Poly Technology Park Initiative - EDA Support for Building Construction</b> ECONOMIC DEVELOPMENT ADMINISTRATION 04-173	\$1,800,000	7/1/04 - 6/30/09
<b><u>University Police Department</u></b>			
CAMPBELL, CINDY	<b>Motor Vehicle Emission Reduction (MOVER) Program 2003-2005</b> SAN LUIS OBISPO, COUNTY AIR POLLUTION CONTROL DISTRICT 04-046	\$12,420	7/1/03 - 6/30/05
JORDAN, DONNA	<b>Bulletproof Vest Partnership 2004-05</b> U.S. DEPT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS 04-135	\$3,293	7/1/04 - 6/30/05
<b>GRAND TOTALS:</b>		<b>241 Proposals</b>	<b>\$48,796,185</b>