

Faculty Awards 2005-06

College of Applied Sciences and Arts

Dean's Office

Inger Sagatun-Edwards

Stanford Geriatric Education Center Consortium
Stanford University
\$33,746

Journalism and Mass Communications

Scott Fosdick

Profiles in Classroom Innovation
Hewlett-Packard Company
\$6,500

Diana Stover

Grade the News
Ford Foundation
\$75,000

Justice Studies

Steven Lee

San José State University Undergraduate Forensic Science Scholarships
California Department of Justice
\$4,200

Jackye McClure

Peace Officer Standards and Training (POST) Institute of Criminal Investigation Courses
Commission on Peace Officer Standards and Training
\$607,957

Peace Officer Standards and Training (POST) Command College Workshops

Commission on Peace Officer Standards and Training
\$420,333

Peace Officer Standards and Training (POST) Management Course

Commission on Peace Officer Standards and Training
\$216,363

Peace Officer Standards and Training (POST) Detective Symposium

Commission on Peace Officer Standards and Training
\$170,000

Peace Officer Standards and Training (POST) Job Aid Prototypes

Commission on Peace Officer Standards and Training
\$39,600

Kinesiology

Stan Butler

Kaiser Youth Sports Program
Kaiser Permanente
\$10,000

V. Gregory Payne

Stan Butler

National Youth Sports Program (NYSP) 2005-06
National Youth Sports Corporation
\$1,800

Susan Wilkinson

California Physical Education – Health Project
The Regents of the University of California
\$117,000

Nutrition and Food Science

Lucy McProud

Cal-Pro-NET Center
California Department of Education
\$173,907



BUSINESS AND COMMUNITY PARTNERSHIPS

In partnership with the City of San José Redevelopment Agency, the SJSU Foundation manages and operates four business incubators providing facilities, world class business development services, and access to faculty experts and student interns to high-potential, early-stage companies. Activities also include business development advice for international companies planning to establish and grow their U.S. market reach. Shown here, left to right, are business incubator directors Melinda Richter, San José BioCenter; Chuck Erickson, U.S. Market Access Center and Software Business Cluster; and Jim Robbins, Environmental Business Cluster

School of Nursing

Jayne Cohen

Increasing Nursing Student Enrollment

The Valley Foundation
\$518,544

The Health Place

Town of Los Gatos
\$16,892

Phyllis Connolly

Professional Nurse Traineeships

U.S. Department of Health and Human Services
\$43,596

School of Social Work

Amy D'Andrade

Foster Youth Transition Initiative

The Regents of the University of California
\$18,227

Alice Hines

Title IV-E Child Welfare Training Program

The Regents of the University of California
\$1,465,663

California Department of Mental Health Educational Stipend Program

The Regents of the University of California
\$269,688

Total: \$4,209,017

College of Business

Dean's Office

Bruce Magid Rod Diridon

Mineta Transportation Institute

U.S. Department of Transportation
\$780,000

Mineta Transportation Institute

California Department of Transportation
\$780,000

Transportation Financing Opportunities for State of California Project

California Department of Transportation
\$159,950

Peter Haas

2006 Summer Transportation Institute
University of South Carolina

\$38,800

Total: \$1,758,750

College of Education

Child and Adolescent Development

Kathryn Lindholm-Leary

Evaluation of Developmental Bilingual Education Programs

Sweetwater Union School District
\$18,000

Evaluation of Developmental Bilingual Education Programs

South Bay Union School District
\$14,000

Amy Strage

Preparing High Quality Teachers to Achieve in Highly Qualified Schools

Foundation of California State University Monterey Bay
\$350,000

Communicative Disorders and Sciences

Gloria Weddington

Project Horizonte
U.S. Department of Education
\$189,180

Project Fo'na (Move Ahead!) Master's Degree Program in Communicative Disorders
University of Guam
\$144,852

Counselor Education

Andrew Hughey

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP)

U.S. Department of Education
\$1,237,818

Enhancing the Teaching and Learning Functions Through the Use of Instructional Technologies in GEAR UP Classrooms: A Capacity Building Program for Teachers

National Council for Community and Education Partnerships
\$50,000

Elementary Education

Sandra Hollingsworth

The California Reading and Literature Project – No Child Left Behind Technical Assistance and Support Program

The Regents of the University of California
\$108,530

The California Reading and Literature Project

The Regents of the University of California
\$22,500

Carolyn Nelson

Quality Higher Education for Students with Disabilities
Bank Street College
\$60,000

Katharine Davies Samway

Vocabulary Development through Writing: A Key to Academic Success
The Regents of the University of California
\$325,179

Andrea Whittaker Carolyn Nelson

SJSU/Bank Street College Teachers for a New Era Partnership
Bank Street College
\$93,022

Special Education

Gilbert Guerin

High School Teacher Preparation High Stake Testing and Dropout Reduction

U.S. Department of Education
\$400,000

Program to Reduce Critical Teacher Shortage and Improve Literacy for Minority Children with Disabilities

U.S. Department of Education
\$200,000

Preparation of Teachers for Special Education Minority Youth in High-Risk Urban and Alternative Settings

U.S. Department of Education
\$200,000



2006 EARLY CAREER INVESTIGATOR AWARD RECIPIENT

John Clapp, assistant professor, Animation and Illustration Department, is the illustrator of five published picture books for children, and dozens of bookjackets for almost every major American publishing house. Pages from his sketchbook were recently included in a book about creative journals, as well as a textbook about the use of color in visual art. He is currently working on an instructional art textbook intended for a general audience.

Hyun-Sook Park
Safe Life
Sacramento Unified
School District
\$28,472

Total: \$3,441,553

College of Engineering

Dean's Office

Ping Hsu

MESA Engineering Program – NSF Scholarship
The Regents of the
University of California
\$104,688

SJSU MESA Engineering Program – Continuance of HP Scholars
Hewlett-Packard
Company
\$39,840

Engineering Projects in Community Service (EPICS) Program at SJSU
Purdue University
\$20,490

Chemical and Materials Engineering

Emily Allen

Investigation of Alternative Heat Sink Materials
Jabil Circuit, Inc.
\$16,265

Emily Allen
Kiumars Parvin
(Physics)
Gregory Young
Roger Terrill *(Chemistry)*
Richard Chung
Melanie McNeil
David Bruck *(Biological Sciences)*

Nanoscale Materials and Device Characterization Program
U.S. Department of
Defense
\$500,000

Civil and Environmental Engineering

Akthem Al-Manaseer
Determining Methods to Control the Effects of Heat of Hydration and Other Concerns Associated with the Placement of Mass Concrete for Cast-in-Place Piling

California Department of
Transportation
\$112,932

Kurt McMullin
Carolyn Nelson
(Elementary Education)
Partnership for Student Success in Science

Palo Alto Unified School
District
\$136,864

Rameshwar Singh
Analysis of Soil Samples
Santa Clara Valley Water
District
\$18,200

Bollinger Bridge Model
Multech Engineering
Consultants, Inc.
\$4,766

Computer Engineering

Ahmed Hambaba
Multi-Agents System Applications
BAE Systems

\$50,000

Sigurd Meldal

Team for Research in Ubiquitous Secure Technology (TRUST): An NSF Science and Technology Center

The Regents of the
University of California
\$40,000

Sigurd Meldal Dan Harkey

Quality Assurance Internships
RingThree Technologies,
Inc.
\$11,693

Haluk Ozemek

Technical Services for IBM
IBM Corporation
\$300,563

Xiao Su

CAREER: Integrated Coding and Content Delivery for Secure Media Streaming on P2P Networks
National Science
Foundation
\$79,191

Xiao Su
Sigurd Meldal
David Hayes *(Computer Science)*

Information Assurance and Network Security: Curriculum and Infrastructure Enhancement
Intel Corporation
\$12,848

Electrical Engineering

Chang Choo

Mobile Voice Over IP: Technology, Market and Regulatory Regimes
Electrical and
Telecommunications
Research Institute
\$20,000

Essam Marouf

Investigation of Saturn's Rings by Cassini Radio Occultation
Jet Propulsion Laboratory
\$239,700

Industrial and Systems Engineering

Kevin Corker

Post Hoc Human Factors Analysis of Fast Time Simulation Results in Assessment of Operational Concepts in Next Generation Air Transportation System (NGATS)
NASA
\$361,946

Virtual Airspace Modeling Program
NASA
\$100,039

Model Deployment for Providing Risk Assessment in the Computational Models of Human System Performance
NASA
\$75,000

Investigation of Single Pilot Operation with Synthetic Vision System (SVS) and Preliminary Research in Pilot/Controller Situation Awareness
NASA
\$42,171

David Engelbert

Space-Based Testing Environments
NASA
\$179,866

Mechanical and Aerospace Engineering

John Lee

Stacy Gleixner
(Chemical and Materials Engineering)

Tai-Ran Hsu

Interdepartmental Joint Development of Hands-On MEMS Using Semi-Custom Design Flow
National Science
Foundation
\$99,676

Total: \$2,566,737

College of Humanities and the Arts

School of Art and Design

Pamela Sharp El Shayeb
The Bay Area California Arts Project 2005-06 Leadership Support
Flora Family Foundation
\$40,000

Pamela Sharp El Shayeb Kathie Kratochvil

The Bay Area California Arts Project
The Regents of the
University of California
\$160,000

English and Comparative Literature

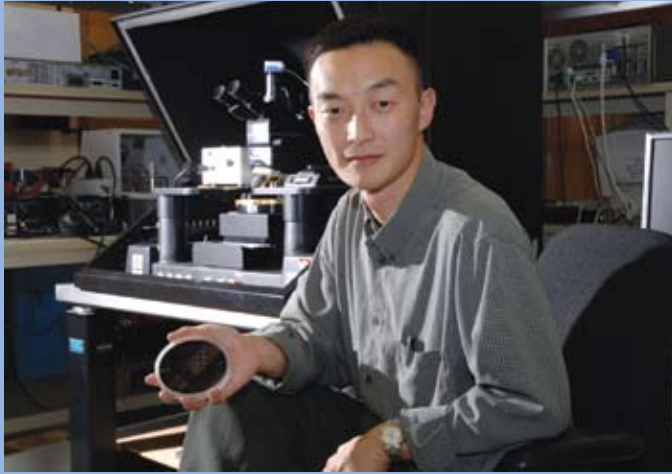
Mitch Berman

Center for Literary Arts
City of San José
\$18,000

Center for Literary Arts
Arts Council Silicon
Valley
\$5,500

Jonathan Lovell

San José Area Writing Project – No Child Left Behind
The Regents of the
University of California
\$51,000



2006 EARLY CAREER INVESTIGATOR AWARD RECIPIENT

As Principal Investigator, John Lee, assistant professor, Mechanical and Aerospace Engineering pulled together two interdisciplinary teams of investigators across mechanical engineering, materials engineering, and electrical engineering to win two National Science Foundation awards.

One project (further benefited by seed support from Intel Corporation) has established a new laboratory course and enhanced research capabilities in microelectromechanical systems (MEMS), and the other has introduced nanotechnology content to modernize existing engineering.

San José Area National Writing Project
The Regents of the University of California
\$45,000

San José Area Writing Project
The Regents of the University of California
\$35,000

Total: \$354,500

Moss Landing Marine Laboratories

Simona Bartl
Incorporation of Marine Research and Resource Issues into Public Education
U.S. Department of Commerce
\$49,910

Simona Bartl
Robertta Barba
(Instructional Technology)
Marine Biotechnology and Bioinformatics for Teachers
National Science Foundation
\$996,955

Laurence Breaker
The Response of the Upper Ocean to Varying Meteorological Conditions Using Ocean Models and Satellite Imagery
NASA
\$85,506

Using the 83-Year Record of Sea Surface Temperature at Pacific Grove, California as a Proxy for Selected Offshore Chemical and Biological Parameters
The Regents of the University of California
\$52,764

Gregor M. Cailliet
Allen Andrews
Age Validation of New Zealand Deepwater Fish
National Institute of Water and Atmospheric Research
\$66,050

Bamboo Coral of Davidson Seamount: Age and Growth Investigations
U.S. Department of Commerce
\$39,000

Gregor M. Cailliet
David Ebert
Studies of Life History, Population Structure, Habitat Utilization, and Fishery Biology of Pacific Sharks and Rays
Mote Marine Laboratory
\$429,607

Kenneth Coale
The California State University Center for Integrative Coastal Ocean Research
U.S. Department of Commerce
\$4,744,639

MLML/MBARI Act Partnership at SJSU
University of Maryland Center for Environmental Science
\$278,268

Bioaccumulation Factors for California's Enclosed Bays and Estuaries
California State Water Resources Control Board
\$200,000

Kenneth Coale
Russell Fairey
Technical Support of Bay/Delta and Tributaries Project (BDAT) and the California Environmental Data Exchange Network (CEDEN) Projects
California Department of Water Resources
\$499,999

Contaminant Levels in Fish Tissues in San Francisco Bay – 2006
San Francisco Estuary Institute
\$92,644

SWAMP Database and Application Training “On the Job” at Regional Boards
The Regents of the University of California
\$25,000

Database Development, Training and Outreach for Ag Waiver Program – Modesto, Turlock, Oakdale, Merced and South San José Irrigation Districts
The Regents of the University of California
\$23,800

Database Development, Training and Outreach for Ag Waiver Program – Ducks Unlimited
The Regents of the University of California
\$15,246

Database Development, Training and Outreach for Ag Waiver Program – Westside San José River Watershed Coalition
The Regents of the University of California
\$12,070

SWAMP Database and Applications Training at State Board and Other Venues

The Regents of the University of California
\$5,728

Kenneth Coale
Stewart Lamerdin
Richard Muller

Oceanographic Technical Services

National Science Foundation
\$164,600

Kenneth Coale
Stewart Lamerdin
Richard Muller

Doug Conlin
Oceanographic Instrumentation
National Science Foundation
\$46,700

Kenneth Coale
Richard Muller

Ship Operations
National Science Foundation
\$785,903

Office of Naval Research Ship Operations
U.S. Department of Defense
\$490,178

Shipboard Scientific Support Equipment
National Science Foundation
\$26,147

Kenneth Coale
Mark Stephenson

California Bay-Delta Authority Ecosystem Restoration Program – Sport Fish Sampling and Laboratory Analysis
San Francisco Estuary Institute
\$1,211,781

Source and Loading Studies for Mercury Total Maximum Daily Loads in the Central Valley
California State Water Resources Control Board
\$300,000

Pesticide Analyses for Mosquito Adulticide Study
U.S. Fish and Wildlife Service
\$42,750

Testing/Analytical Services for the Sacramento River Watershed Program
Pacific EcoRisk, Inc.
\$41,710

Regional Monitoring Program Status and Trends 2005
San Francisco Estuary Institute
\$41,437

Spenceville Mine Environmental Samples
California Department of Conservation
\$39,607

Program to Monitor the Level of Trace Elements in Mussels at Naval Weapons Station Seal Beach, California
U.S. Department of Defense
\$26,136

SFEI Invasive Spartina Project
San Francisco Estuary Institute
\$16,940

Water Sample Analysis
California Department of Food and Agriculture
\$13,250

Aquatic Weed Control
California Department of Boating and Waterways
\$10,416

Guadalupe Small Tributaries Loadings Study
San Francisco Estuary Institute
\$8,640

Exposure and Effects Pilot Study: Avian Analyses Caspian Terns
San Francisco Estuary Institute
\$4,120

Kenneth Coale
Mark Stephenson
Dave Crane

Exposure and Effects Pilot Study: Diving Duck Muscle Analysis
San Francisco Estuary Institute
\$20,448

David Ebert
Gregor M. Cailliet
Diet and Trophic Ecology of Skates in the Gulf of Alaska (Raja and Bathyraja spp.): Foundational Ecological Information for Ecosystem-Based Management of Demersal Resources
North Pacific Research Board
\$149,995

Life History Studies of California Chondrichthyans: Determining Essential Biological Information for Effective Management of Bycatch and Emerging Fisheries
The Regents of the University of California
\$78,500

Russell Fairey
Kenneth Coale
Surface Water Ambient Monitoring Program (SWAMP)
California State Water Resources Control Board
\$2,200,000

H. Gary Greene
Fairweather Mapping Project

Alaska Department of Fish and Game
\$50,500

Southern California Habitat Mapping
U.S. Department of the Interior
\$50,000

Distribution of Deep-Water Corals and Associated Communities in the Aleutian Islands
University of Alaska
\$45,797

Geology, Sediment, and Habitat Mapping of the Offshore Big Sur Coast
California Department of Conservation
\$42,000

Recruitment Pathways, Interspersion of Critical Habitats, and the Design of Effective MPA Networks
The Regents of the University of California
\$17,940

Center for Habitat Studies
U.S. Department of the Interior
\$2,500

James Harvey
The Ecology of Seabirds, Waterbirds, and Marine Mammals of California
U.S. Department of the Interior
\$119,443

Body Burden Assessments of Total Mercury in Stranded Pacific Harbor Seal, Phoca vitulina richardii, in Central California
U.S. Department of Commerce
\$98,814

Capture and Tagging of Harbor Seals in Southern California
Pacific States Marine Fisheries
\$73,530

Central Coast Marine Bird Health Study
California Department of Fish and Game
\$55,976

Prey Species Distribution in the Monterey Bay National Marine Sanctuary
Monterey Bay Sanctuary Foundation
\$53,050

Tracking Sooty Shearwater Habitat Use throughout Dynamic Upwelling Ecosystems in the California Current
Monterey Bay Sanctuary Foundation
\$28,600

Diet of California Sea Lion (Zalophus californianus) at Año Nuevo Island, California

Pacific States Marine Fisheries

\$15,000

Stacy Kim

Collaborative Research Site Evaluations and Background Studies of Interactions among Fluid Chemistry, Physiology, and Community Ecology for Ridge 2000 Lau Basin Integrated Studies

National Science Foundation

\$38,419

Valerie Loeb

Krill Demography and Zooplankton Composition of the Antarctic Marine Living Resource Program Study

U.S. Department of Commerce

\$175,000

John Oliver

James Oakden

Taxonomic Identification of Continental Shelf Benthic Samples

U.S. Department of Commerce

\$145,530

Mike Prince

University-National Oceanographic Laboratory System (UNOLS)

National Science Foundation

\$642,202



RESEARCH BRIEF

Project Director:

Natalie Batalha, assistant professor, Physics and Astronomy Department and Director, UARC Systems Teaching Institute

Partners:

University of California, Santa Cruz and NASA Ames Research Center

Objectives:

The Systems Teaching Institute brings together curriculum and practice by offering programs that support students pursuing careers in fields relevant to the mission of NASA Ames Research Center

Funding: \$240,739

University-National Oceanographic Laboratory System (UNOLS)

U.S. Department of Defense

\$141,443

Richard Starr

Determining Abundance, Movements, and Mortality of Important Nearshore Fish Species along the North Central California Coast

Pacific States Marine Fisheries

\$20,000

\$20,000

Total: \$15,152,188

College of Science

Dean's Office

Stephen Branz

2005-2006 Mathematics Engineering and Science Achievement (MESA)

The Regents of the University of California

\$220,000

2006-2007 Mathematics Engineering and Science Achievement (MESA)

The Regents of the University of California

\$86,890

George Castro

Title V Evergreen Valley College and San José State University Partnership

San José/Evergreen Community College District

\$188,650

Biological Sciences

Chris Brinegar

Application of DNA Sequencing to the Identification of Listed Spineflower Species in Overlapping Populations

U.S. Fish and Wildlife Service

\$5,000

Sabine Rech

Monika Kress (Physics)

Soil Microbial Diversity and Distribution in the Bristlecone Pine Forest, White Mountains, California

NASA

\$26,728

Adrian Rodriguez

SJSU Bridges to the Baccalaureate Degree

U.S. Department of Health and Human Services

\$213,067

Julio Soto

MBRS-SCORE: Function of Anchorage and Localization Sequences in Leech mRNA

U.S. Department of Health and Human Services

\$68,240

Mara Williams

Clinical Laboratory Scientists Test Preparation Program

California Health Foundation and Trust

\$11,339

Chemistry

Elaine Collins

Santa Clara County Biotechnology Education Partnership

Genentech Foundation for Biomedical Sciences

\$120,000

Bridges to Education

Johnson & Johnson

\$10,000

Daryl Eggers

MBRS-SCORE: Intermediate States of Aggregation-Prone Polypeptides

U.S. Department of Health and Human Services

\$181,944

Gilles Muller

MBRS-SCORE: Using CPL for Enantioselective Recognition of Amino Acids

U.S. Department of Health and Human Services

\$187,395

The Design and Photophysics of Lanthanide Complex-Based Luminescent Probes

Research Corporation

\$45,000

Joseph Pesek

REU Site: Analysis, Fabrication, and Engineering of Surfaces and Materials in Information Technology

National Science Foundation

\$91,077

Maureen Scharberg

NSEE: Nanoscale Science and Engineering Education

SRI International

\$28,000

Herbert Silber

MBRS-SCORE Program at San José State University
U.S. Department of Health and Human Services
\$49,814

Karen Singmaster

CSU: Louis Stokes Alliance for Minority Participation-LSAMP
University Enterprises, Inc.
\$80,000

Geology**Ellen Metzger**

Hindcasting Ecosystems II
NASA
\$25,507

**Ellen Metzger
Cindy Schmidt**

(Geography)
NASA Earth Science for Teachers
NASA
\$187,677

**Ellen Metzger
Richard Sedlock**

CAMSP: Ravenswood School District, Palo Alto
Ravenswood School District
\$77,167
The South Bay Geo-Diversity Project: Phase II
National Science Foundation
\$58,584

Robert Miller

Collaborative Research: Linking Deep and Shallow Crustal Processes, North Cascades, Washington
National Science Foundation
\$74,960

Mathematics**Joanne Rossi Becker**

Santa Clara Valley Mathematics Project – Silicon Valley Mathematics Initiative, Mathematics Assessment Collaborative
Noyce Foundation
\$310,000

Santa Clara Valley Mathematics Project – Silicon Valley Mathematics Initiative, Professional Development Institutes
Noyce Foundation
\$130,000

Santa Clara Valley Mathematics Project – Silicon Valley Mathematics Initiative, Director of Professional Development
Noyce Foundation
\$98,106

Santa Clara Valley Mathematics Project
The Regents of the University of California
\$32,400

Santa Clara Valley Mathematics Project – No Child Left Behind
The Regents of the University of California
\$25,600

Mathematics and Its Assessment
Institute for Advanced Study
\$5,000

Steven Crunk
JRI: Intelligent Instruments on Robotic Helicopters
NASA
\$15,765

Daniel Goldston

RUI: Moments of Short Divisor Sums and the Distribution of Primes
National Science Foundation
\$78,804

Tim Hsu
Analysis of Heat Pipe Performance Tailored for MEROM/Santa Rosa in Mobile Computers
Intel Corporation
\$19,330

**Ferdinand Rivera**

CAREER: Developing a Mathematical Knowledge Base for Teaching and Learning Generalization in Basic Algebra at the Middle School Level in Urban Context
National Science Foundation
\$97,830

Meteorology**Alison Bridger**

The Dynamical Evolution of the 2001 Martian Global Dust Storm
NASA
\$34,669

Alison Bridger

Jeffrey Hollingsworth
Extrasolar Planets: Atmosphere and Habitable Climates
NASA
\$190,000

Eugene Cordero

CAREER: Connections between Stratospheric Perturbations and Climate Change – Research and Teaching Integration
National Science Foundation
\$128,513

Modeling the Response of the Climate System to the 11-Year Solar Cycle
The Regents of the University of California
\$88,645

RESEARCH BRIEF**Project Director:**

Shishir Mathur, director, The Institute for Metropolitan Studies, and Assistant professor Urban and Regional Planning

Partner: Lincoln Institute of Land Policy

Objective: In-depth review of the City of San José's Neighborhood Parks and Recreation Bond Measure, including critical examination of the usage of bond proceeds.

Funding: \$12,000

Nuclear Science

Herbert Silber
*MARC U*Star at SJSU*
U.S. Department of Health and Human Services
\$527,067

Undergraduate Summer Schools in Nuclear and Radiochemistry
American Chemical Society
\$117,000

Physics and Astronomy

Natalie Batalha
UARC Systems Teaching Institute
The Regents of the University of California
\$240,739

Friedemann Freund

Postdoctoral Research
Fellowship: Pulsating Electric
Currents in the Crust
National Geospatial-
Intelligence Agency
\$54,192

Patrick Hamill

Transfer of Impact Ejecta
from Io to Europa
NASA
\$50,000

Theoretical Studies
Combined with Satellite
Observations of Aerosol
Formation Processes
NASA

\$27,000

Analysis of Airborne
and Satellite Aerosol
Measurements
NASA
\$9,106

Michael Kaufman

Multidimensional
Transport and Chemistry in
Protoplanetary Nebulae
NASA
\$134,485

Oxygen Chemistry in Diffuse
and Dense Interstellar
Clouds: Modeling SWAS
Observations
NASA
\$52,894

Tracking Warm H₂ in
Photodissociation Regions
Jet Propulsion Laboratory
\$20,900

Photodissociation

Regions: Laboratories for
Astrochemistry
University of Maryland
\$17,166

Michael Kaufman**Patrick Hamill**

Research Experiences for
Undergraduates (REU) Site
for Research in Physics
National Science
Foundation
\$85,000

Kiumars Parvin**David Bruck (Biological
Sciences)****Gregory Young
(Chemical and Materials
Engineering)**

RUI: Synthesis, Structure,
and Magnetic Studies of
High Anisotropy Magnetic
Nanocrystals
National Science
Foundation

\$220,000

Ken Wharton

K-Alpha X-Ray Source
Development
Lawrence Livermore
National Laboratories
\$10,632

Total: \$4,857,882

College of Social Sciences

Dean's Office

Kathleen Connell
Space Biology: Feasibility
Analysis
NASA
\$150,000

Anthropology

Jennifer Anderson
An Integrated Approach to
Japanese Culture and Values
National Endowment for
the Humanities
\$81,373

Jan English-Lueck

Curation Services for
Archaeological Materials
Santa Clara Valley
Transportation Agency
\$10,125

**Environmental
Studies**

Bruce Olszewski
Recycling Telephone Hotline
Information
Santa Clara County
\$60,000

Geography

Lee Johnson
Vegetation Remote Sensing
NASA
\$70,000

**RESEARCH BRIEF**

Director: Jennifer Anderson,
lecturer in Anthropology

Partner: National Endowment
for the Humanities

Objective: Increasing global
awareness by giving 15 high
school teachers from across
the United States and from
Department of Defense schools
in Japan an intensive introduc-
tion to Japanese culture and
values.

Funding: \$81,331

Cindy Schmidt

Strengthening Tribal College
and University Earth Science
Curriculum with Mentoring
Partnerships and Innovative
Geospatial Technologies
Salish Kootenai College
\$36,564

Cindy Schmidt

L. Jean Palmer-Moloney
Education and Outreach/
DEVELOP: Use of Remote
Sensing for Ecosystem
Science, Modeling,
Application and Education
NASA
\$68,126

Richard Taketa

The Land Use Portfolio
Model (LUPM) Project
U.S. Department of
the Interior
\$35,000

History**E. Bruce Reynolds**

East Asia Regional Materials
and Resources Center
(EARMARC)
The Regents of the
University of California
\$5,000

East Asia Regional Materials
and Resources Center
(EARMARC)
Stanford University
\$4,999

Psychology**Kevin Jordan**

Human Interaction with
Automation
NASA
\$1,435,216
Flight Control and
Autonomous Vehicle
Research
NASA
\$1,334,878

Systems Safety Research
NASA
\$853,642

*Human Performance
Modeling and Simulation*
NASA
\$670,607

*Airspace Management
and Terminal Air-Traffic
Modeling*
NASA
\$630,986

*Human-Systems Integration
Technologies*
NASA
\$341,905

*Human Information
Management*
NASA
\$265,000

Kevin Jordan
Shu-Chieh Wu
*Model-Based Principles for
Information Architecture*
DePaul University
\$38,812

*Human Resource Scheduling
in Performing a Sequence of
Discrete Responses*
The Johns Hopkins
University Applied
Physics Laboratory
\$29,638



RESEARCH BRIEF:

Project Team:

Richard Keady, professor, Humanities; Bob Cooper, associate vice president Undergraduate Studies; Eloise Stiglitz, associate vice president, Student Services; Shawn Spano, professor, Communication Studies; Debra David, director, Center for Service Learning; and Connie Hernandez, Special Programs, Student Affairs. (left to right)

Partner: Ford Foundation

Objective: Promote academic freedom and constructive dialogue at San José State University by increasing capacity to support open discussion of controversial issues.

Funding: \$100,000

**Urban and Regional
Planning**

Shishir Mathur
Santa Clara Housing Study
Local Initiatives Support
Corporation
\$55,222

*Teaching the On-Line Course
Titled: "Strategic Planning
Practicum II" for the Masters
in Strategic Planning
for Critical Infrastructures
Program*
University of Washington
\$12,716

*City of San José
Neighborhood Park and
Recreation Bond Measure:
Linking Planning with
Finance*
Lincoln Institute of
Land Policy
\$12,000

Dayana Salazar
*CommUniverCity – Five
Wounds/Brookwood Terrace:
Renewing the Action Agenda*
San José Redevelopment
Agency
\$62,885

*King Ocala Neighborhood
Area Community Services
Network*
San José Redevelopment
Agency
\$41,133

Total: \$6,305,827

**University
Programs**

Academic Services

Frank Castillo
Educational Talent Search
U.S. Department of
Education
\$204,000

*TRIO Dissemination
Partnership Program:
Teachers and Parents
Helping Students (TPHS)*
U.S. Department of
Education
\$195,931

Jeannine Slater
*The Ronald E. McNair
Postbaccalaureate
Achievement Program*
U.S. Department of
Education
\$480,086

Associated Students

Frances Roth
*Child Care Access
Means Parents in School
(CCAMPIS) Program*
U.S. Department of
Education
\$176,504

Career Center

Cheryl Allmen- Vinnedge

Julie Sedlemeyer
*SJSU Workability IV
Program 2006-2007*

California Department of
Rehabilitation

\$140,400

*SJSU Workability IV
Program 2005-2006*

California Department of
Rehabilitation

\$130,400

Curriculum and Assessment

Robert Cooper

Difficult Dialogues Initiative
Ford Foundation

\$100,000

Debra David

*Bridging Borders
AmeriCorps Program*

California Service Corps

\$295,414

*Realizing the Civic Mission
of Education in the
California State University:
A Learn and Serve America
Grant Program*

Trustees of the California
State University

\$17,285

*Project SHINE: Multiple
Pathways*

Temple University

\$15,000

*Bridging Borders
AmeriCorps Program*
Alum Rock Union
Elementary School
District

\$1,200

Ashley Raggio

Spring Into Action
Notre Dame Da Namur
University

\$1,000

Graduate Studies and Research

Edward Landesman

*NASA Explorer Schools
Pre-Algebra (NESPA): A
Conceptual Understanding of
Mathematics Using Inquiry-
Based Technology Tools and
Solar System Data*

NASA

\$194,348

Guna Selvaduray

*Metropolitan Medical Task
Force (MMTF) Exercise*
City of San José

\$23,433

*Homeowner's Guide
Translation to Spanish*
Seismic Safety
Commission

\$10,000

Pamela Stacks

*Collaborative Teacher
Institute*
House Family
Foundation

\$95,577

*Smart Skies: E-Learn
Computer Workstation
Project*

NASA

\$92,068

Philip Trounstine

*CommUniverCity
Neighborhood Perception
Study*

San José Redevelopment
Agency

\$26,000

James Wayman

*Consultancy Support to
the CESG Biometrics Test
Programme*

Communications-
Electronics Security
Group

\$145,000

*Evaluating Fingerprint
Identification Technology*

California Office of
Systems Integration

\$50,000

SJSU Research Foundation

Jerri Carmo

*Research Administrative
Resources for the Space
Research Directorate*

Lockheed Martin
Corporation

\$177,591

James Robbins

*Mary Sidney
Business Assistance Program
for PIER Companies*

The Regents of the
University of California

\$94,500

Student Services

Connie Hernandez- Robbins

*Safer California Universities:
A Multi-Campus Alcohol
Problem Prevention Study*

Prevention Research
Center

\$60,000

*Connect, Motivate and
Educate (CME) Society
Planning Grant*

Walter S. Johnson
Foundation

\$25,000

*Connect, Motivate and
Educate (CME) Society
Greenhouse Program*

College Board

\$10,000

University Advancement

Nancy Bussani

*Collaborative K-12 STEM
Support*

The David and Lucille
Packard Foundation

\$150,000

Total: \$2,910,737