

GRANT AND CONTRACT AWARDS

Awards Received July 1, 2008 through June 30, 2009

ACADEMIC AFFAIRS

Dr. Nancy Marlin, Provost

Dr. Sandra Cook

American Council on Education: "Support to Severely Injured Veterans at Balboa Hospital and Camp Pendleton," \$65,693

Dr. Ethan Singer

Imperial Valley College: "Expanding Career Opportunities for Rural Hispanics: New 2+2 (Associates to Bachelors) Degree Programs in Imperial County, California," \$532,188 (see also Dr. Stephen Roeder and Dr. Jeanette Shumaker, Imperial Valley Campus) • *Price Charities:* "School in the Park Website: Kitty Gabriel," \$55,268; "City Heights Educational Collaborative," \$2,293,211

Dr. Ethan Singer and Mr. Timothy Allen

Price Charities: "Monroe Clark Health Centers: Health Assistant Gwen Nuno," \$47,639; "School in the Park Aide," \$177,752; "Rosa Parks Parent Volunteer Program," \$117,612; "School in the Park Museum Educator Professional Development: Carla Mathisen," \$33,050; "City Heights Educational Collaborative: Dale Marcikic," \$22,769; "City Heights Educational Collaborative: Music Program Monroe Clark Middle School," \$30,000; "City Heights Educational Collaborative: Music Program Hoover High School," \$20,165 • *San Diego Unified School District:* "Rosa Parks Media Support: Jose Cerna," \$68,818; "Monroe Clark Outreach Counselor: Norma Lisette Melendez," \$48,829; "Monroe Clark School Community Policing Project," \$105,800

COLLEGE OF ARTS AND LETTERS

Dr. Paul Wong, Dean

Office of the Dean

Dr. Elsie Begler

San Diego County Office of Education: "Perspectives on the American Experience," \$19,317 • *University of California, Office of the President:* "No Child Left Behind Year 5: A California International Subject Program-California Subject Matter Project Site for Region 9B," \$41,106; "International Studies Education Project of San Diego (ISTEP)," \$23,991

Dr. Mary Ann Lyman-Hager

California State University Monterey Bay: "Global Studies Degree Program for the Defense Language Institute Foreign Language

Center," \$40,000 • *MiLanguage Corporation:* "Foreign Language Training - Naval Special Warfare Group One," \$201,969 • *National Security Agency:* "Persian STARTALK Day Camp for 7-12 Grade Students," \$80,000; "Turkish Language and Culture STARTALK Program," \$56,000 (see also Dr. Yasemin Turan-Qian, Special Education) • *South Carolina Research Authority:* "Critical Language Immersion Program," \$787,500; "Reserve Intelligence Support Battalion Culture with Language Pilot (RICL)," \$154,704 • *The Institute of International Education:* "ROTC Language and Culture Programs; Cooperation through CSU Campus Consortia," \$20,000; \$39,989 • *U.S. Marine Corps:* "Basic Iraqi Dialect Training," \$201,808; "Critical Language Training for U.S. Marines," \$161,172

Dr. Mary Ann Lyman-Hager and Dr. Paul Wong

U.S. Department of Education: "Language Acquisition Resource Center," \$312,978

Anthropology

Dr. Matthew Lauer

National Science Foundation: "Human and Social Dynamics Collaborative Research: Understanding Socio-ecological Impacts and Responses to Large-scale Environmental Disturbance in the Western Solomon Islands," \$170,763

Dr. Seth Mallios

California Department of Transportation: "Geographic Information System Data Maintenance Partnership Between CalTrans and San Diego State University (SDSU) Research Foundation," \$13,200 • *California Office of Historic Preservation:* "Imperial County Information Center Services 2008," \$25,000 • *City of San Diego:* "Geographic Information System Data Maintenance Partnership Between the City of San Diego and SDSU Research Foundation," \$26,400 • *CSU Sacramento University Enterprises, Inc.:* "Geographic Information System Data Maintenance Between CalTrans and SDSU Research Foundation," \$19,680 • *Pechanga Indian Reservation:* "Geographic Information System Data Maintenance Partnership," \$24,000 • *San Diego Gas and Electric Company:* "Geographic Information System Data Maintenance Between SDG&E and SDSU Research Foundation," \$54,000

Dr. Erin Riley

Zoological Society of San Diego: "Ecological and Cultural Interconnections between the Guizhou Snub-nosed Monkey (*Rhinopithecus Brelichi*) and Local Communities at Fanjingshan National Nature Reserve, China," \$8,575

Dr. Elisa Sobo

Boston University: "Implementing Computerized Clinical Assessment of HIV Patient Adherence," \$30,965

Economics

Dr. Catalina Amuedo-Dorantes

Banco Bilbao Vizcaya Argentaria Foundation: "Remittance Volatility and Household Asset Accumulation in Mexico," \$77,387

Dr. James Gerber

U.S. Department of Education: "San Diego Consortium for Latin American Studies," \$698,000; "Title VI National Resource Centers and Foreign Language and Area Studies Fellowships," \$252,423

Geography

Dr. Li An

Margot Marsh Biodiversity Foundation: "Documenting Impacts of Illegal Mining on the Guizhou Golden Monkey in China," \$12,000 • *University of Michigan:* "NSF PIRE Collaborative Research and Training in Social Context, Population Processes, and Environmental Change," \$88,662

Dr. Trent Biggs

World Wildlife Fund: "Conservation of High Altitude Wetlands, Impacts of Climate Change on the Hydrology of Himalayan Wetlands Study," \$37,418

Dr. George Christakos

University of California at Berkeley: "Spatiotemporal Analysis of Air Pollution and Mortality in California Based on the American Cancer Society Cohort," \$70,989

Dr. Molly Costello

San Diego County Parks and Recreation: "Ramona Grasslands/Santa Maria Creek Restoration Project: Part II," \$7,846

Dr. Kathleen Farley

National Science Foundation: "Collaborative Research: The Effects of Land-use Change on the Production of Ecosystem Services on Paramo Grasslands," \$55,858

Dr. Thomas Herman

City of San Diego: "San Diego Healthy Homes Evaluation," \$9,145 • *Sweetwater Union High School District:* "School Climate Outcomes Tracking for Sweetwater Union High School District (SUHSD)," \$23,000; "Evaluation of High School After School Programs for SUHSD," \$26,250; "Evaluation of Career Technical Education Programs for SUHSD," \$12,000

Dr. Serge Rey

National Science Foundation: "Doctoral Dissertation Research: Comparative Space/Time Dynamics," \$1,500

Dr. Ming-Hsiang Tsou

San Diego County Office of Education: "Splash Lab Geographic Information System Station Curriculum Development," \$3,784 • *Texas A & M University Research Foundation:* "National Geospatial Technology Center Project," \$45,000



Dr. Ming-Hsiang Tsou introduces web-based GIS concepts to Helix High School students

Dr. Ming-Hsiang Tsou and Dr. Kathleen Farley

International Community Foundation: "Baja-Eco-Info Mapping Tool: Mapping Conservation and Threats for the Gulf of California," \$11,500

Dr. Douglas Stow and Dr. Piotr Jankowski
University of Arizona: "Situational Awareness and Decision Support for Controlling Cross-border Smuggling," \$65,055 (see also Dr. Eric Frost, Geological Sciences)

Dr. John Weeks

National Institute of Child Health and Human Development: "Health, Poverty and Place: Modeling Inequalities in Accra," \$29,658

Dr. John Weeks, Dr. Arthur Getis, and Dr. Douglas Stow

National Institute of Child Health and Human Development: "Health, Poverty and Place: Modeling Inequalities in Accra Using Resolution Satellite Imagery and Geographic Information Systems," \$615,484

Institute for Regional Studies of the Californias

Dr. Paul Ganster

California Air Resources Board: "Baja California Air Monitoring Data Collection," \$36,500 • *Environmental Protection Agency:* "Applied Environmental Research for the U.S./Mexican Border Region," \$1,034,000 • *Sonoma Technology, Inc.:* "Monitoring Data Validation," \$5,000

Linguistics and Asian/Middle Eastern Languages

Dr. Ghada Osman

California State University Fresno Foundation: "Launching Middle East Studies in the Central Valley with Persian and Modern Standard Arabic Language Programs at California State University, Fresno," \$1,500

Dr. Regina Ruey-Jiuan Wu

University of Kansas: "A Discourse-based Study of the Conceptualization of Face in Modern

China: Implications for Business Chinese Education," \$5,000

Political Science

Dr. Richard Hofstetter

National Cancer Institute: "Smoking and Environmental Tobacco Smoke: California Residents of Korean Descent," \$484,038 • *Republic of Korea Civil Service Commission:* "Korean Government Fellowship for Jae Jin Lee," \$1,000

Religious Studies

Dr. Risa Kohn

American-Israeli Cooperative Enterprise: "Schusterman Visiting Israeli Professor Grant - Dr. Naveh," \$60,000

Sociology

Dr. John Berecochea

California Department of Corrections: "An Evaluation of California Department of Corrections Expanded Visiting Program," \$22,907

Dr. Brian Finch

Health Resources and Services Administration: "Birth Outcomes and Early Health Trajectories," \$125,106

Dr. Enrico Marcelli

Blue Cross/Blue Shield of Massachusetts Foundation: "Neighborhood, Network, and Access to Health Insurance and Care Among Immigrants in the Boston Metropolitan Area," \$64,717

Dr. Sheldon Zhang

U.S. Department of Justice: "A Review and Translation of Spanish-language Literature on Sex Trafficking," \$59,559 • *University of California at Los Angeles:* "A Randomized Controlled Trial of the Second Chance Program for Ex-inmates," \$93,963

Dr. Sheldon Zhang, Dr. John Berecochea, and Dr. Bob Roberts

California Department of Corrections: "An Evaluation of Four California Parole Correctional Programs," \$570,809

Women's Studies

Dr. Kathleen Jones

National Endowment for the Humanities: "The Political Theory of Hannah Arendt: The Problem of Evil and the Origins of Totalitarianism," \$145,271

Dr. Doreen Mattingly and Dr. Thomas Herman

South Bay Community Services: "Health and Development Services for Children," \$55,000

COLLEGE OF BUSINESS ADMINISTRATION

Dr. Gail Naughton, Dean

Office of the Dean

Dr. Gail Naughton

City of Chula Vista: "MBA Consulting Program," \$5,000

Information and Decision Systems

Dr. Murray Jennex and Mr. Robert Judge

University of Arizona: "Risk Assessment Mitigation and Alignment," \$18,258 (see also Dr. Eric Frost, Geological Sciences)

Management

Dr. Sanford Ehrlich

Fred J. Hansen Foundation: "Hansen Institute for World Peace," \$75,000

Dr. Sanford Ehrlich and Dr. Alex DeNoble

Los Alamos National Laboratory: "Los Alamos National Laboratory Commercialization Projects," \$18,000 • *Space and Naval Warfare Systems Command:* "Center for Commercialization of Advanced Technology," \$3,550,000

Dr. Gangaram Singh

U.S. Department of Education: "San Diego Center for International Business Education and Research (CIBER)," \$352,000

Marketing

Dr. Donald Sciglimpaglia

City of National City: "National City Small Business Consulting," \$25,000

COLLEGE OF EDUCATION

Dr. Ric Hovda, Dean

Administration, Rehabilitation and Postsecondary Education

Dr. Bobbie Atkins

U.S. Department of Education: "Capacity Building Success," \$481,228; "Project Higher Education," \$620,374

Dr. Marilee Bresciani

National Association of Student Personnel Administrators: "Examining Learning Outcomes in Student Personnel Masters Programs," \$2,990 • *National Science Foundation:* "Accessibility of Materials Laboratory Experience for Engineering Undergraduates," \$149,903 (see also Dr. Khaled Morsi, Mechanical Engineering and Dr. Kris Stewart, Computer Science)

Dr. Charles Degeneffe

U.S. Department of Education: "Rehabilitation Counseling Program-Specialization in the Employment of Persons with Cognitive Disabilities," \$99,997

GRANT AND CONTRACT AWARDS

Dr. Frank Harris

University of Southern California: "Alliance College Transfer Study," \$10,000

Dr. Ronald Jacobs

U.S. Department of Education: "Rehabilitation Counseling with Deaf and Hard of Hearing Individuals with Multiple Functional Limitations," \$99,991

Dr. Fred McFarlane

California State University, Office of the Chancellor: "Distance Learning Masters Program in Postsecondary Educational Leadership," \$78,000; "Redelivery of Advanced Certificate Program in Educational Facility Planning Distance Course," \$12,000; "Distance Learning Courses for the College of Sciences' Center for Biopharmaceutical and Biodevice Development (CBBDD)," \$15,455 • *Nangarhar University Ministry of Higher Education:* "Instructional Materials for Nangarhar University," \$60,925; "Partnership Agreement Between Nangarhar University and SDSU Research Foundation for Civil, Construction, and Environmental Engineering (CCEE)," \$853,142 (see also Dr. Janusz Supernak, Civil, Construction and Environmental Engineering) • *U.S. Department of Education:* "San Diego State University's Comprehensive System of Personnel Development," \$199,940; "National Rehabilitation Leadership Institute," \$249,993; "Comprehensive System of Personal Rehabilitation - Rehabilitation Counseling," \$199,979

Dr. Fred McFarlane and Dr. Caren Sax

California State University, Office of the Chancellor: "Hawaii Vocational Rehabilitation and Services for the Blind Division Master's Degree Training in Rehabilitation Counseling/ Comprehensive System for Personnel Development Grant with SDSU Research Foundation's Interwork Institute," \$100,000 • *State of Hawaii:* "Hawaii Vocational Rehabilitation and Services for the Blind Division Training Plan," \$224,519

Dr. Fred McFarlane and Dr. Thomas Siegfried

California State University, San Diego: "California Mentoring Initiative for Youth

with Disabilities," \$78,050 • *U.S. Department of Education:* "Post-employment Training American Indian Rehabilitation," \$99,995; "Rehabilitation Continuing Education Program Region IX," \$124,919

Dr. Fred McFarlane and Dr. Steven Spencer

College of Micronesia - Federated States of Micronesia: "Master of Arts in Education with a Concentration in Postsecondary Education Leadership," \$363,000 • *Federated States of Micronesia:* "Federated States of Micronesia Special Education Program Monitoring and Technical Assistance," \$139,664 • *Government of Palau:* "Special Education Program Monitoring Services," \$38,500 • *Nangarhar University Ministry of Higher Education:* "Nangarhar University - English Language Learners," \$1,343,273 • *Palau Community College:* "Master of Arts in Education with a Concentration in Postsecondary Education Leadership," \$374,996; "Bachelor of Arts in Education," \$649,999 • *University of Oregon:* "Operation of a Regional Resource Center," \$32,181

Dr. Marjorie Olney

Administration for Children and Families: "Center for Emerging Leadership," \$149,636 • *U.S. Department of Education:* "Rehabilitation Counseling Program, Specialization in Psychiatric Rehabilitation," \$99,991 • *Washington State University:* "Assessing the Impact of Medicare-D Social Security Disability Insurance on Beneficiaries," \$5,700

Dr. Caren Sax

California Department of Developmental Services: "Exceptional Family Resource Center," \$169,599 • *California Department of Education:* "Family Empowerment Center," \$251,847 • *California Department of Health Services:* "California Community Choices Planning and Implementation Project," \$386,741 • *Chula Vista School District:* "First 5-Special Needs Project," \$10,000 • *Down Syndrome Association:* "Down Syndrome Association of San Diego Online Website Liaison," \$51,189 • *Palomar Pomerado Health:* "Exceptional Family Resource Center First 5 - North Inland Welcome Home Baby Region," \$11,357 • *Poway Unified School District:* "Partners in Resolution: Poway Alternative Resolution Process," \$25,000 • *Rady Children's Hospital San Diego:* "Children 0-5: Regional Services Network North Coastal Region," \$43,292; "Exceptional Family Resource Center First 5 - North Central Region," \$15,000 • *San Diego County Health and Human Services Agency:* "Parent Family Liaison Services," \$98,400 • *San Diego County Office of Education:* "Partnership Between the North Coastal Consortium for Special Education and the Exceptional Family Resource Center (EFRC)," \$33,087; "EFRC Resolutions for Student Success," \$88,720 • *South Bay Community Services:* "EFRC First

5 - South Bay Community," \$47,636 • *U.S. Department of Education:* "Long-term Training Certificate of Rehabilitation Technology," \$99,996 • *U.S. Department of Health and Human Services:* "California Health Incentives Improvement Project Medicaid Infrastructure Grant," \$2,640,006; "Project Pendleton - Military Family Support 360," \$200,000 • *WestEd Center for Prevention and Early Intervention:* "Support for Families of Children with Disabilities," \$2,422

Dr. Caren Sax and Dr. Bobbie Atkins

U.S. Department of Education: "Rehabilitation Counseling for Consumers with Disabilities," \$150,000

Dr. Caren Sax and Dr. Thomas Siegfried

U.S. Department of Education: "Technical Assistance Continuing Education IX," \$792,283

Child and Family Development

Dr. Audrey Hokoda

San Diego County Health and Human Services Agency: "Office of Violence Prevention Services," \$250,000 (see also Dr. Suzanne Lindsay, Graduate School of Public Health) • *Sweetwater Union High School District:* "Peer Abuse Prevention Program," \$30,000

Counseling and School Psychology

Dr. Valerie Cook-Morales

U.S. Department of Education: "San Diego County Bilingual School Psychology Consortium," \$300,000

Dr. Antonia Marotta and Dr. Brent Taylor

Price Charities: "Price Charities Counseling Program," \$100,000

Dr. Carol Robinson-Zanartu

U.S. Department of Education: "Native American Student Success Collaborative Project," \$199,999; "The SDSU-MTE Collaborative for Native American Student Success: A Multidisciplinary University/School Partnership Project," \$200,000

Educational Leadership

Dr. Joseph Johnson

California State University, San Diego: "Evaluate an On-site Support Service for City Heights Educational Collaborative Schools," \$35,665 • *Seminole County Public Schools:* "Evaluating the Effectiveness of the 'Success for All' Program in Six Elementary Schools," \$19,000

Dr. Ian Pumpian and Dr. Caren Sax

San Diego/Imperial Counties Developmental Services, Inc.: "Creative Support Alternatives (CSA): Community Employment Services," \$6,180; "CSA: Supported Living," \$662,043; "CSA: Independent Living," \$17,533 • *Valley*



Dr. Fred McFarlane receives award from American Samoa government



Graduates of the Native Scholars & Collaborators Project Eugene Honanie (Hopi), Elvina Charley (Navajo) with her daughter, and Brent Toadlena (Navajo) will return to their home reservations to serve their youth and schools (Dr. Carol Robinson-Zanartu, principal investigator)

Mountain Regional Center: "CSA: Independent Living Services Program," \$52,000

Educational Technology

Dr. Marcie Bober and Dr. Frank Nguyen

City of San Diego Public Works: "Development of Storm Water Pollution Prevention Tutorials for the Watershed Protection Program," \$10,000

Policy Studies in Language and Cross-Cultural Education

Dr. Cristina Alfaro

California State University, Sacramento: "California Binational Teacher Education," \$21,140

Dr. Karen Cadiero-Kaplan

California Department of Education: "Family Literacy Coaching Project," \$32,100; "Even Start Program: Project ACCESS (Kimbrough and Edison Elementary Schools)," \$163,750 • *Escuela Normal de Altacomulco:* "Teacher Institutes for the Experience of Science (TIES) Teacher Training," \$199,520 • *San Diego Council on Literacy:* "Even Start Program: Project ACCESS Supplemental," \$4,801 • *San Diego County Health and Human Services:* "My Dad, My Book and I Literacy Project," \$15,000

Dr. Alberto Ochoa

University of California, Office of the President: "California Reading and Literature Project: No Child Left Behind - Year 5," \$56,640; "San Diego Area International Language Network: No Child Left Behind - Year 5," \$66,000

Dr. Alberto Ochoa and Dr. Eugene Valles

U.S. Department of Education: "Professional Development for Pre-service Bilingual Special Education Teachers of English Learners: ALAS (Acquisition of Language Skills and Academic Literacy)," \$289,931

Dr. Alberto Rodriguez

University of California at Santa Cruz: "Effective Science Teaching for English Language Learners: A Pre-service Teacher Professional

Development Research Project Across Three Universities in California," \$189,465

Special Education

Dr. Jose Luis Alvarado

U.S. Department of Education: "Project DARE: Special Education Certification in Diverse and Rural Environments," \$200,000

Dr. Patricia Cegelka

U.S. Department of Education: "Preparation and Retention of Special Education Teachers in a Rural Area," \$400,000

Dr. Anne Graves

U.S. Department of Education: "Preparation of Special Education Teachers for Urban Schools," \$399,918

Dr. Laura Hall

U.S. Department of Education: "Sustaining Evidence-based Practices for Young Learners with Autism Spectrum Disorders through a M.A. Degree Program," \$399,994

Dr. Yasemin Turan-Qian

National Security Agency: "Turkish Language and Culture STARTALK Program," \$56,000 (see also Dr. Mary Ann Lyman-Hager, Dean's Office, College of Arts and Letters)

School of Teacher Education

Dr. Nadine Bezuk

Association of Mathematics Teacher Educators: "Headquarters Support," \$6,000 • *Cajon Valley Union School District:* "Curriculum Focused Professional Development Support-Cajon Valley Union School District," \$3,000

Dr. Nancy Farnan

Irvine Foundation: "Multiple Pathways," \$406,854

Dr. Douglas Fisher

California Department of Education: "California After School Demonstration Program," \$112,500; "SYNERGY: A 21st Century Learning Center at Hoover High School," \$295,000 • *San Diego County Superintendent of Schools:* "After School Literacy Education," \$30,000 • *San Diego Unified School District:* "Monroe Clark 6 to 6 Extended School Day Program (After School Education and Safety Program)," \$104,195 • *Springdale School District:* "Springdale Professional Development Initiative," \$102,923 • *U.S. Department of Education:* "Teachers of English Language Learners-Professional Development Institute (TELL-PDI)," \$149,999

Dr. Cheryl Mason

University of Alabama Tuscaloosa: "Undergraduate Science Course Reform Serving Pre-service Teachers: Evaluation of a Faculty Professional Development Model," \$74,775

Dr. Valerie Pang

The Freeman Foundation: "Asian American Achievement Project," \$40,500

Dr. Cynthia Park

California Department of Education: "Upward Bound Summer Residential Program," \$13,134 • *Sweetwater Union High School District:* "GEAR UP (Gaining Early Awareness and Readiness of Undergraduate Programs)," \$334,686 • *U.S. Department of Education:* "SDSU Upward Bound Classic," \$368,761; "SDSU Talent Search Program," \$321,093; "Upward Bound STAR (Student Achievement in Reading)," \$293,163 • *University of California at San Diego:* "Education Research Grant," \$46,461; "San Diego Health Careers Opportunity Program Regional Consortium," \$206,871 • *Wabupa Educational Services, Inc.:* "Educational Opportunity Center," \$78,887

Dr. Randolph Philipp and Dr. Victoria Jacobs

National Science Foundation: "Investigating the Needs of Elementary School Teachers of Mathematics at Different Points During Sustained Professional Development," \$499,837

Dr. Donna Ross

California Postsecondary Education Commission: "BAHIA: Secondary Students Teaching Teachers," \$130,930

Dr. Rafaela Santa-Cruz

California State University, San Diego: "San Diego Mathematics Project," \$2,880 • *University of California, Office of the President:* "California Subject Matter Project San Diego Math Project - No Child Left Behind," \$41,100 (see also Dr. John Elwin, Mathematics and Statistics)

COLLEGE OF ENGINEERING

Dr. David Hayhurst, Dean

Office of the Dean

Dr. David Hayhurst

Regents of the University of California: "Math, Engineering, Science Achievement (MESA) Math Engineering Program (MEP)," \$5,000 • *University of California, Office of the President:* "Mathematics-Physics Technology Institutes (MPTI)," \$120,000; "MESA San Diego Math and Science Program North County Capacity Building Initiative," \$17,000

Dr. David Hayhurst and Ms. Theresa Garcia

National Science Foundation: "STEP Partnership of San Diego," \$231,278 • *University of California, Office of the President:* "Math, Engineering, Science Achievement (MESA) Math Science Program (MSP) Imperial Valley Campus," \$113,110

GRANT AND CONTRACT AWARDS

Dr. David Hayhurst and Ms. Donna Goyer
University of California, Office of the President:
 “Math, Engineering, Science Achievement (MESA) Math Engineering Program (MEP),” \$215,000

Dr. Gordon Lee
Space and Naval Warfare Systems Command:
 “Theoretical Analysis, Explanatory Studies and Technical Services,” \$158,645 (see also Dr. Antonio Palacios, Mathematics and Statistics and Dr. Eric Frost, Geological Sciences)

Aerospace and Engineering Mechanics

Dr. Gustaaf Jacobs
California Space Grant Foundation:
 “Computational Study of the Interaction Between Particle Clouds and Shocks with a Novel High-order Particle-source-in-cell Algorithm,” \$5,500 • *U.S. Air Force:* “High-order Particle-mesh Algorithms for Shock Particle Physics in Combustion and Explosion,” \$99,706

Dr. Satchi Venkataraman
National Science Foundation: “Undergraduate Student Scholarships for Participation in Interdisciplinary Computational Science and Engineering Research,” \$6,973 (see also Dr. Jose

Castillo, Mathematics and Statistics and Dr. Paul Paolini, Biology)

Civil, Construction and Environmental Engineering

Dr. R. Edward Beighley
Factory Mutual Insurance Company: “Flood Risk Analysis for the Continental United States Using Pfafstetter Flood Cell Boundaries,” \$176,580; “Factory Mutual Insurance Internship,” \$10,705 • *FiberWood LLC:* “Determining Erosion Control Effectiveness,” \$11,250 • *Synerchem International:* “Erosion Control Effectiveness of Bonded Fiber Matrix (BFM) at Varied Slopes and Rainfall Rates,” \$30,000

Dr. Fatih Buyuksonmez, Dr. Colin Milberg and Dr. R. Edward Beighley
San Joaquin Valley Union Air Pollution Control District: “Emissions of Green House Gases Resulting from Green Waste Composting,” \$198,713

Dr. Robert Dowell
University of California at San Diego:
 “Simulation and Testing Support Seismic Design Anchorage,” \$25,300

Dr. Temesgen Garoma
Metro Water District of Southern California:
 “Disinfection of Secondary Effluent Using Surfactants Immobilized on the Surfaces of Minerals,” \$9,900

Dr. Colin Milberg and Dr. Kenneth Walsh
Palomar Pomerado Health: “Lean Construction Pilot Implementation,” \$61,301

Dr. Janusz Supernak
Nangarhar University Ministry of Higher Education: “Partnership Agreement Between Nangarhar University and SDSU Research Foundation for Civil, Construction, and Environmental Engineering (CCEE),” \$853,142 (see also Dr. Fred McFarlane, Administration, Rehabilitation and Postsecondary Education)

Dr. Kenneth Walsh
National Science Foundation: “Collaborative Research: Surface Flux for Cracked and Intact Clays,” \$143,461

Electrical and Computer Engineering

Dr. Keshoolal Bakhru
Army Research Laboratory: “Position Location Using Desk Algorithm,” \$19,985

Dr. Sunil Kumar
U.S. Air Force: “Design of Intelligent Cross-layer Routing Protocols for Airborne Wireless Networks Under Dynamic Spectrum Access Paradigm,” \$100,000; “Design of Intelligent H.264 Video Packetization for Airborne Wireless Networks,” \$30,000

Dr. Gordon Lee
Space and Naval Warfare Systems Command:
 “Theoretical Analysis, Explanatory Studies and Technical Services,” \$599,399 (see also Dr. Eric Frost, Geological Sciences)

Dr. Yusuf Ozturk
Nokia: “Mobile Developer Days San Diego Workshop,” \$6,876

Dr. Satish Sharma
NextGen Aeronautics: “Platform Independent Omni-directional Antennas,” \$28,000

Mechanical Engineering

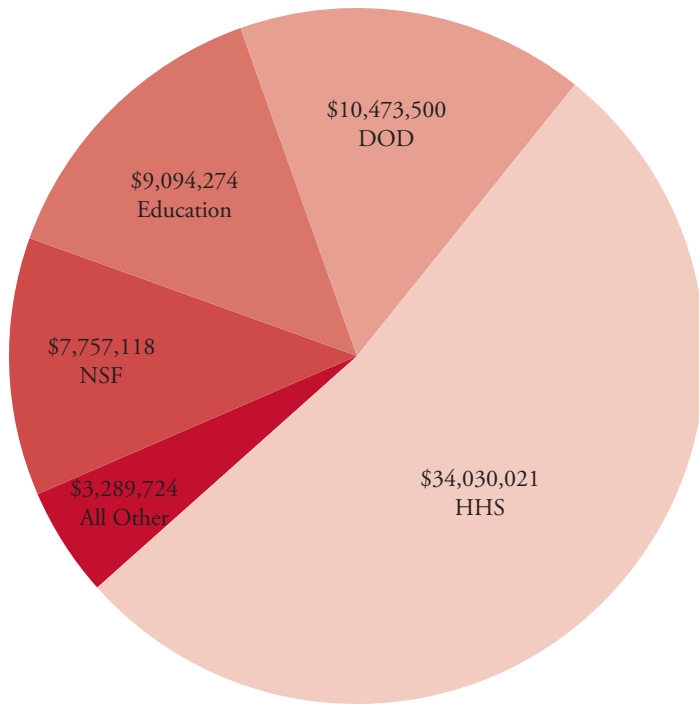
Dr. Asfaw Beyene
City of Chula Vista: “Chula Vista District Energy Systems Feasibility Study,” \$182,490 • *U.S. Department of Energy:* “Industrial Assessment Centers,” \$70,636

Dr. Subrata Bhattacharjee
Prentice Hall: “A Multi-media Module for a Thermo Textbook,” \$9,000

Dr. Randall German
National Science Foundation: “Workshop for Scientific Issues on Medical Applications of Micro/Nano Powder Injection Molding:

Federal Agency Awards (Fiscal Year 2008-2009)

Total Awards = \$64,644,655



Health and Human Services	53%
Department of Defense	16%
Education	14%
National Science Foundation	12%
All Other	5%



Dr. Eugene Olevsky with students in the Powder Technology Laboratory

Molding, Sintering, Modeling, and Commercial Applications,” \$33,030

Dr. Karen May-Newman

National Academy of Engineering: “NSF/NAE Gender Equity Grant,” \$2,400

Dr. Karen May-Newman and Dr. Andrew Szeto

National Science Foundation: “Senior Design Projects Developing Assistive Technology at San Diego State University,” \$49,998

Dr. Fletcher Miller

Google Inc. Foundation: “Small Particle Receiver Work,” \$239,504 • *National Aeronautics and Space Administration:* “Flame Spread Across Solid Materials in a Buoyancy Suppressing Narrow Channel,” \$21,000

Dr. Khaled Morsi

National Science Foundation: “Accessibility of Materials Laboratory Experience for Engineering Undergraduates,” \$149,903 (see also Dr. Kris Stewart, Computer Science and Dr. Marilee Bresciani, Administration, Rehabilitation and Postsecondary Education)

Dr. Khaled Morsi, Dr. Samuel Kassegne and Dr. Kee Moon

National Science Foundation: “Novel Current-activated Tip-based Sintering,” \$307,161

Dr. Eugene Olevsky

National Science Foundation: “Multi-scale Modeling of Co-fired Ceramics Fabrication,” \$70,000

COLLEGE OF EXTENDED STUDIES

Dr. Joseph Shapiro, Dean

Office of the Dean

Dr. William Price

Institute of International Education: “Fulbright Summer Pre-academic Program,” \$139,705
American Language Institute

Dr. Joseph Shapiro

Aichi University: “Intensive English Communications” • *Alliance for Open Society International, Inc.:* “English Language Training

Program,” \$20,000 • *Beijing Naturelax Consulting Company:* “Teaching English as a Second Language/Teaching English as a Foreign Language Seminar” • *Catholic University Cattolica de Sacro Cuove:* “Intensive English Communications” • *Cheju National University:* “Teaching English as a Second Language/Teaching English as a Foreign Language Seminar” • *Council on International Educational Exchange:* “Teaching English as a Second Language/Teaching English as a Foreign Language Seminar” • *EduTeches International Inc.:* “English Language Study Tour Youth Program” • *Gyeonggi Provincial Office of Education:* “Teaching English as a Foreign Language Seminar” • *Gyeongsangbuk-Do University:* “Teaching English as a Second Language/Teaching English as a Foreign Language Seminar” • *Hankuk University:* “Intensive English Communications”; “Teaching English as a Second Language/Teaching English as a Foreign Language Seminar” • *Keimyung University:* “Teaching English as a Second Language/Teaching English as a Foreign Language Seminar”; “Workplace English” • *NIC Japan:* “English for Academic Purposes” • *Open Minds Educational Consulting Center:* “English Language Study Tour Youth Program” • *Pusan National University:* “Teaching English as a Second Language/Teaching English as a Foreign Language Seminar” • *Sempra Energy:* “Workplace English” • *World Square:* “English Language Study Tour Youth Program,” (Total: \$683,579)

Professional Development

Dr. Joseph Shapiro

Abbott Vascular: “Lean Manufacturing” • *Barona Valley Ranch Resort and Casino:* “Business Writing” • *CP Kelco:* “Train the Trainer” • *Camp Pendleton Civilian Leadership Development:* “Business Writing” • *European Business School:* “Business Course” • *Hochschule fur Bankwirtschaft:* “Business Course” • *ICD France:* “French Business Program” • *La Jolla Beach and Tennis Club:* “Hospitality Law and OSHA” • *Navico:* “Project Management Fundamentals” • *Rudolph and Sletten:* “Lean and Lean Six Sigma” • *San Diego County Superior Courts:* “Problem Solving and Decision-making” • *San Ysidro Health Center:* “How to Supervise” • *Sharp Healthcare:* “How to Supervise,” (Total: \$236,948)

COLLEGE OF HEALTH AND HUMAN SERVICES

Dr. Marilyn Newhoff, Dean

Gerontology

Dr. Mario Garrett

Indian Health Council: “California Native American Research Center for Health - Caregiver for Frail Elder Project,” \$18,673

Graduate School of Public Health

Dr. Elva Arredondo

Robert Wood Johnson Foundation: “Promoting Active Communities Through Faith-based Organizations,” \$120,720 • *University of California at San Diego:* “Planned Care for Obesity and Risk Reduction (Planned CORR),” \$16,961

Dr. Guadalupe Ayala

American Cancer Society: “Latino Mothers as Primary Agents of Change in a Healthy Lifestyle Parenting Intervention,” \$318,137

Dr. Guadalupe Ayala and Dr. John Elder

American Academy of Family Physicians Foundation: “Alliance to Control Diabetes,” \$148,753

Dr. Stephanie Brodine

Indian Health Council: “Native American Research Center for Health,” \$92,395 • *International Community Foundation:* “Tuberculosis in the San Diego-Baja Region: Time for Community Based Solutions,” \$45,618 • *University of California at San Diego:* “VIDAII TB Training Project,” \$3,000

Dr. Ann de Peyster

Isis Pharmaceutical: “Characterization of the Nephrotoxicity of Oligonucleotides,” \$10,404 • *Lyondell Chemical Company:* “Methyl Tertiary Butyl Ether and Ethyl Tertiary Butyl Ether Mechanism Studies,” \$50,000

Dr. John Elder

Casa Familiar: “Pedestrian Border Element Project,” \$25,000 • *Centers for Disease Control and Prevention:* “Physical Activity Policy Research Network,” \$60,000 (see also Dr. Jacqueline Kerr, Psychology) • *National Institute of Diabetes, Digestive, and Kidney Diseases:* “Environmental Determinants of Physical Activity in Children: A Focus on Gender,” \$26,554; “Obesity Prevention and Control in Community Recreation Centers,” \$711,257 • *University of California at San Diego:* “Global Health Partnership at UCSD and SDSU,” \$11,545

Dr. John Elder and Dr. Guadalupe Ayala

Centers for Disease Control and Prevention: “Promotion of Physical Activity in the Latino Community,” \$725,000

Dr. Tracy Finlayson

University of California at San Francisco: “Glass Ionomer Sealant and Fluoride Varnish Randomized Clinical Trial: GIFT,” \$27,249

Dr. Richard Gersberg

Imperial Beach Health Center: “Networking for Community Health,” \$46,368 • *The San Diego Foundation:* “Global Climate Change: Sea-level Rise, Critical Coastal Habitats, and Coastal Water Quality in the San Diego Region,” \$72,797

GRANT AND CONTRACT AWARDS

Ms. Susan Hedges

Jewish Family Service of San Diego: "First 5 for Parents - Year 3," \$51,170; "First 5 for Parents Evaluation - Year 4," \$54,240

Ms. Susan Hedges and Dr. Diana Simmes

Palomar Pomerado Health: "Welcome Home Baby Evaluation," \$80,090

Dr. Melbourne Hovell

National Cancer Institute: "Clinician Promotion of Healthy Diet and Activity to Reduce Obesity Among Adolescents," \$807,146 •

National Institute of General Medical Sciences: "Transdisciplinary Training for Predoctoral Behavioral Scientists," \$130,368 • *University of California at San Diego:* "National Children's Study," \$1,049,106 • *University of Wisconsin-Madison:* "HIV Risk and Access to Health Care Among Mexican Migrants," \$219,969

Dr. Suzanne Hughes

Flight Attendants Medical Research Institute: "Passive Smoking Exposure Among Korean Americans," \$108,500

Dr. Nada Kassem

American Cancer Society: "Hookah Tobacco Use: Carcinogenic Metabolites," \$480,000 • *Flight Attendants Medical Research Institute:* "Hookah Use and Second Hand Smoke," \$108,500

Dr. Neil Klepeis and Dr. Suzanne Hughes

University of California, Office of the President: "Instant Second Hand Tobacco Smoke Feedback as a Catalyst for Smoke-free Homes," \$105,351

Dr. Paul Kurtin

California Department of Health Care Services: "CCS Statewide Improvement Collaborative," \$62,500

Dr. Lisa Kwizera-Asmus

Family Health Centers of San Diego: "HIV Education and Prevention: HIV High-risk Positives and High-risk Negatives," \$25,000 • *Jewish Family Service of San Diego:* "Getting Off," \$12,000 • *The San Diego Lesbian Gay Bisexual and Transgender Community Center:* "County Evaluating Local Interventions," \$7,000; "County English Language Institute," \$24,000; "Evaluating Local Interventions 2009-2010," \$16,000

Dr. Lisa Kwizera-Asmus and Dr. Amy Pan

Family Health Centers of San Diego: "Male Family Planning Research Cooperative," \$5,000

Mr. David Lawrence

California Department of Health Services: "California Kids' Plates Program," \$1,384,000; "Childhood Injury Prevention Resource Center," \$135,000

Dr. Suzanne Lindsay

California Department of Public Health: "Professional Education and Training," \$1,255,500 • *Family Health Centers of San*



Dr. Suzanne Lindsay and staff at the Institute for Public Health

Diego: "In the Mix Family Health Centers," \$20,000; "Proyecto Salud y Esperanza," \$5,000 • *Indian Health Council:* "California Native American Research Center for Health," \$8,000 • *Neighborhood House Association:* "Community Challenge Grant," \$14,000 • *Operation Samahan, Inc.:* "Asian/Pacific Islander Health Network," \$20,000 • *San Diego County Health and Human Services Agency:* "Office of Violence Prevention Services," \$250,000 (see also Dr. Audrey Hokoda, Child and Family Development) • *San Diego Social Advocates for Youth:* "Dad's Club Evaluation," \$1,000 • *Scripps Research Institute:* "Consultation to The Scripps Research Institute Clinical and Translational Science Award," \$128,763 • *Susan G. Komen Breast Cancer Foundation:* "Clinical Breast Exam Training Support," \$6,320 • *Regional Task Force on the Homeless:* "San Diego County Homeless Data Advisory Board," \$27,600 • *University of California at San Diego:* "EXPORT and Health Disparities," \$12,133 • *U.S. Department of Health and Human Services:* "Youth Empowerment Demonstration Grant," \$201,250 • *Vista Community Clinic:* "Multi-unit Housing," \$2,000; "Healthy Environments Against Tobacco (H.E.A.T.)," \$6,000

Dr. Carol Macera

Association of Schools of Public Health: "Choosing Arthritis Specific Appropriate Physical Activity (CASAPA)," \$232,218 (see also Dr. Susan Levy, Exercise and Nutritional Sciences)

Ms. Violet Macias-Reynolds and Dr. Richard Gersberg

California Department of Public Health: "Emergency Preparedness Program Communication Services," \$571,785 • *County of Alameda:* "Alameda Emergency Preparedness Program Communication Services," \$16,143 • *University of California at San Francisco:* "Wisewomen Project," \$3,900

Dr. Joni Mayer

National Cancer Institute: "Multi-level Assessment of Indoor Tanning Practices-Administrative Supplement," \$100,001

Ms. Corinne McDaniels

Family Health Centers of San Diego: "MAI Integrated Care Coordination Program," \$8,519

Dr. Thomas Novotny

University of California at San Diego: "Global Health Framework," \$8,864; "Toxicity of Cigarette Butts," \$10,000

Dr. Amy Pan

California Rural Legal Assistance Inc.: "Health Consumer Center of Imperial Valley (HCCIV)," \$21,500 • *San Diego Rescue Mission:* "Rescue Mission: Outpatient Therapy Clinic Evaluation," \$20,000 • *Scripps Mercy Hospital:* "Health Advocacy Project - City Heights Wellness Center," \$29,882

Dr. P.J.E. Quintana

California Department of Public Health: "Women, Infants, and Children Supplemental Nutrition Program," \$6,100,350 (see also Dr. Donna Beshgetoor, Exercise and Nutritional Sciences) • *University of California, Office of the President:* "Smoking Policies and Secondhand Smoke in Hotels," \$508,293 (see also Dr. Georg Matt, Psychology)

Dr. Stergios Tsai Roussos

California Breast Cancer Research Program: "Increasing Mammography for Latinas with Diabetes," \$164,743 • *Planned Parenthood Mar Monte:* "Increasing STI-HIV Screening for Mexican Migrant Men Through Ancillary Community-based Organizations: A Pilot Structured Intervention in Fresno," \$106,087 • *Robert Wood Johnson Foundation:* "Shared Decision-making When an Interpreter is Needed: A Case Study with Limited English Proficiency Latino Men and Prostate Cancer Screening," \$150,357

Dr. Emmanuel Rudatsikira

California Department of Public Health: "Early Warning Infectious Disease Surveillance (EWIDS)," \$709,108

Dr. Robert Seidman

University of California at Los Angeles: "Pacific Public Health Training Center," \$60,337

Dr. Gregory Talavera

National Center on Minority Health and Health Disparities: "San Diego Latino Research Center of Excellence: Partnership to Reduce Cardiovascular Disease Disparities," \$2,396,823 • *University of Texas Health Science Center at San Antonio:* "Redes en Accion: National Latino Cancer Research Network," \$131,952

Dr. Gregory Talavera and Dr. John Elder

National Heart, Lung, and Blood Institute: "San Diego Hispanic Community Health Study Partnership," \$2,631,530

School of Nursing

Dr. Lauren Hunter

California Department of Health Services: “Advanced Practice Nurse Training Program,” \$75,000

Dr. Linda Robinson

Health Resources and Services Administration: “Advanced Education Nurse Traineeship,” \$80,256

Dr. Jaynelle Stichler

American Nurses Foundation, Inc.: “Understanding Workplace Stress Experienced by Nurse Managers,” \$3,499 (see also Dr. Mark Ehrhart and Dr. Lisa Kath, Psychology) • *Association of Women’s Health, Obstetric and Neonatal Nurses:* “Understanding Workplace Stress Experienced by Nurse Managers,” \$10,000 (see also Dr. Mark Ehrhart and Dr. Lisa Kath, Psychology) • *Sharp Healthcare:* “Enhancing Research and Professional Practice at Sharp Memorial Hospital,” \$47,605

Dr. Jaynelle Stichler, Dr. Willa Fields and Dr. Caroline Brown

Sigma Theta Tau International Gamma Gamma Chapter: “Effects of an Evidence-based Practice Intervention on Nursing Faculty Knowledge, Attitudes, Practice and Perceived Barriers to Teaching Evidence-based Nursing,” \$1,000

Dr. Catherine Todero

California Office of Statewide Health Planning and Development: “Registered Nurse Education Program - Nurse Education Educational Development (NEED): Nursing Faculty Program,” \$63,328 • *Duke University:* “Technology in Nursing Education and Practice,” \$3,000

School of Social Work

Dr. John Clapp

San Diego County Alcohol and Drug Services: “Driving Under the Influence (DUI) Program,” \$3,690,000

Dr. John Clapp and Mr. Ray DiCiccio

California State University, San Diego: “San Diego County Youth Council Project - Statewide,” \$99,868

Mr. Ray DiCiccio

California Department of Alcoholic Beverage Control: “Beale Air Force Base Community Enforcing Underage Drinking Laws Project,” \$277,500 • *Futures, Inc.:* “Organizing Youth Work Camp,” \$2,000 • *North County Serenity House:* “Homeless Women, Substance Abuse Treatment,” \$45,625 • *San Diego County Alcohol and Drug Services:* “College Underage Drinking Prevention Program,” \$280,000

Mr. Ray DiCiccio and Dr. John Clapp

San Diego County Alcohol and Drug Services: “Screening, Brief Intervention, Referral and Treatment Services,” \$2,563,396

Mr. Michael Eichler

Alex Smith Foundation: “Alex Smith Foundation Guardian Scholars Program,” \$100,000 • *Price Charities:* “Price Community Builders Program,” \$63,213; “Legal Path,” \$24,099 • *San Diego Unified School District:* “Price Community Builders Fellowship Program,” \$9,000 • *Weingart Foundation:* “Price Community Builders Program,” \$10,000 • *U.S. Department of Education:* “The Step-Up Program,” \$95,305 • *YMCA of San Diego County:* “Leadership Education and Advocacy Development (LEAD) Program-Service Learning Curriculum,” \$4,000

Dr. Anita Harbert

Archstone Foundation: “Project Master: Multidisciplinary Adult Services Training and Evaluation for Results,” \$100,825 • *California Department of Social Services:* “Public Child Welfare Training Academy for Southern Region,” \$2,296,116 • *Imperial County:* “Parent Project,” \$51,463 • *Orange County:* “Orange County Core Training,” \$308,000 • *San Diego County Health and Human Services Agency:* “Parent-Peer Support Group Pilot Project,” \$4,618; “Workforce Education and Training Specialist,” \$1,292,206; “Lineworker Core Training,” \$10,000 • *The Child and Family Policy Institute of California:* “CFPIC-Linkages Training Grant,” \$15,000

Dr. Anita Harbert and Mr. Donald Dudley

California State University San Francisco: “Bay Area Academy-Adult Protective Services,” \$19,500 • *University of California at Berkeley:* “Mental Health Educational Stipend Program,” \$395,938

Dr. Melinda Hohman

University of California at San Diego: “Cal-METRO Project,” \$105,049

Dr. Loring Jones

Price Charities: “Research and Evaluation Activities-City Heights Collaborative,” \$40,000

Dr. John Landsverk

Annie E. Casey Foundation: “Annie. E. Casey Technical Report,” \$75,000 • *Oregon Social Learning Center, Inc.:* “Dimensions of Early Stress and Child Welfare (‘Dimensions Project”),” \$100,865 • *Rady Children’s Hospital San Diego:* “Data Management and Evaluation Services for Performance Outcome Program,” \$22,967; “Children’s Adolescent Services Research Center: Staff Support,” \$191,979; “Performance Outcomes Project: Mental Health Services Administration (POP/MHSA),” \$13,737 • *University of California at San Diego:* “System of Care Evaluation (SOCE),” \$60,939

Dr. Sally Mathiesen

Loma Linda University: “Co-occurring Disorder Curriculum,” \$3,000 • *Mental Health Systems, Inc.:* “Treatment for Homeless Supplement: Pegasus East Evaluation,” \$30,473

Dr. Thomas Reilly

University of California at Berkeley: “Title IV-E Masters of Social Work Stipend Program,” \$1,304,498; “Title IV-E Bachelors of Social Work Program,” \$258,541; “Title IV-E Masters of Social Work Program – Imperial Valley Campus,” \$208,606

Dr. Audrey Shillington

National Institute on Alcohol Abuse and Alcoholism: “Secondary Analysis of Existing Alcohol Epidemiology Data,” \$252,281

School of Speech, Language and Hearing Sciences

Dr. Laura Dreisbach Hawe

National Institute on Deafness and Other Communication Disorders: “Repeatability of High-frequency Evoked Otoacoustic Emissions in Children,” \$74,750

Dr. Karen Emmorey

Gallaudet University: “Collaborative Research: Science Learning Center Visual Language and Visual Learning (VL2),” \$25,000 • *National Institute of Child Health and Human Development:* “Bimodal Bilingualism,” \$297,005; “ARRA: Language, Modality, and the Brain- Student Summer Research Supplement,” \$10,872 • *National Institute on Deafness and Other Communication Disorders:* “Neural Systems Underlying Sign Language Production,” \$522,846 • *National Science Foundation:* “Processing Orthographic Structure: Associations Between Print and Fingerspelling,” \$256,003

Dr. Julia Evans

National Institute on Deafness and Other Communication Disorders: “Cognitive Representations in Specific Language Impairment,” \$307,451

Dr. Vera Gutierrez-Clellen

U.S. Department of Health and Human Services: “Vocabulary, Oral Language, and Academic Readiness (VOLAR): A Language Intervention for Latino Preschool English Language Learners Head Start Partnership,” \$199,871; “Validation of an Oral Language Assessment Tool for Latino English Language Learners at Risk of Language Impairment: Gabriella Simon-Cerejido,” \$24,912

Dr. Charlotte Lopes

San Diego/Imperial Counties Developmental Services Inc.: “Regional Center/Speech Language Clinic Contract,” \$105,384

Dr. Lewis Shapiro

National Institute on Deafness and Other Communication Disorders: “Sentence Processing in Normal and Aphasic Populations,” \$313,558; “Neurocognitive Approaches to Communication Disorders,” \$168,388

GRANT AND CONTRACT AWARDS

Dr. Carren Stika

House Ear Institute: "Development and Adaptive Behavior of Young Children with Hearing Loss," \$274,276

Dr. Matthew Walenski

Georgetown University: "Language Learning in Autism," \$48,926

Dr. Beverly Wulfeck

University of California at San Diego: "Neurodevelopmental Studies of Language and Literacy," \$102,916 (see also Dr. Judy Reilly and Dr. Pamela Moses, Psychology)

IMPERIAL VALLEY CAMPUS

Dr. Stephen Roeder, Dean

Dr. Stephen Roeder and Dr. Jeanette Shumaker

Imperial Valley College: "Expanding Career Opportunities for Rural Hispanics: New 2+2 (Associates to Bachelors) Degree Programs in Imperial County, California," \$532,188 (see also Dr. Ethan Singer, Academic Affairs)

Dr. Elizabeth Cordero

Imperial Valley Regional Occupational Program: "Evaluation of Project Juntos," \$7,500

Dr. Gregorio Ponce

Imperial County Office of Education: "IVMP-Migrant Education Summer Academy," \$39,979 • *University of California, Office of the President:* "Imperial Valley Mathematics Project (No Child Left Behind - Year 5)," \$22,500; "R9B-IVMP State 08-09," \$17,100

Dr. Fernando Rodriguez Valls and

Dr. Gregorio Ponce

University of California, Office of the President: "Site Teachers as Researchers (STAR)," \$69,007

Dr. Imre Tuba and Dr. Gregorio Ponce



Denise Carroll, Research Foundation purchasing manager, facilitates workshop at Imperial Valley Campus

University of California at Los Angeles: "Strive to be the Best: Supporting Teacher Retention for Imperial Valley Educators (STRIVE)," \$45,750

COLLEGE OF PROFESSIONAL STUDIES AND FINE ARTS

Dr. Joyce Gattas, Dean

Exercise and Nutritional Sciences

Dr. Donna Beshgetoor

California Department of Public Health: "Women, Infants, and Children Supplemental Nutrition Program: Healthy Habits for Life," \$54,000; "Women, Infants, and Children Supplemental Nutrition Program," \$6,100,350 (see also Dr. P.J.E. Quintana, Graduate School of Public Health)

Dr. Janet Harris

James Hervey Johnson Charitable Educational Trust: "Exercise and Nutrition: Pathways to Well-being," \$9,000

Dr. Mee Young Hong and Dr. Mark Kern

University of California at Davis: "Anticarcinogenic and Antioxidative Properties of Chocolate and Heat-manipulated Chocolate in a Rat Model of Colon Cancer," \$60,000

Dr. Mark Kern

American Heart Association: "Honey as a Potential Heart-healthy Sweetening Alternative," \$140,000

Dr. Susan Levy

Association of Schools of Public Health: "Choosing Arthritis Specific Appropriate Physical Activity (CASAPA)," \$232,218 (see also Dr. Carol Macera, Graduate School of Public Health)

Dr. Jeanne Nichols-Bernhard and Dr. Simon Marshall

American Council on Exercise: "Exergames for Older Adults," \$9,815

Dr. Roger Simmons

National Institute on Alcohol Abuse and Alcoholism: "Regulation of Force in Children with Prenatal Exposure to Alcohol," \$224,250

School of Communication

Dr. Wayne Beach

National Cancer Institute: "Communication Between Cancer Patients and Oncologists," \$150,376

School of Hospitality and Tourism Management

Mr. Gene Lamke

Price Charities: "Camp Able," \$15,000

Dr. Vinod Sasidharan

U.S. Department of Agriculture: "Sustainability Practices and Agency Responsibility in Outdoor Recreation Management," \$28,088

Mr. Carl Winston

San Diego Bowl Game Association: "Holiday Bowl Economic Impact," \$26,000

School of Music and Dance

Dr. Donna Conaty

California State University, Fullerton: "Southern Counties Arts Project: California Subject Matter Project," \$4,594; "Southern Counties Arts Project: No Child Left Behind," \$7,088 • *Orange County Superintendent of Schools:* "Southern Counties Art Project," \$28,690 • *University of California, Office of the President:* "Southern Counties Arts Project: No Child Left Behind Year 5," \$64,005; "Southern Counties Arts Project," \$36,000

School of Public Affairs

Dr. Roger Caves

San Diego Association of Governments: "Transit Planning Internship Program," \$4,800

Dr. Shawn Flanigan

University of Maryland: "Radicalizing the Poor: Understanding the Influence of Service Provision on Popular Support for and Participation in Violent Groups," \$86,453

School of Theatre, Television and Film

Ms. Margaret Larlham

San Diego Unified School District: "Fire and Mist - Stories of Old Town/Old Town Fourth Grade Program," \$40,000

Mr. Jack Ofield

Norma Terris and Albert D. Firestone Foundation: "Hard Cost," \$4,000

COLLEGE OF SCIENCES

Dr. Stanley Maloy, Dean

Office of the Dean

Dr. Thomas Carey and

Dr. Ricardo Nemirovsky

William and Flora Hewlett Foundation: "Faculty Collaborations for Course Transformations (FACCTS) for Developmental Mathematics," \$260,000

Dr. Giuletta Fargion

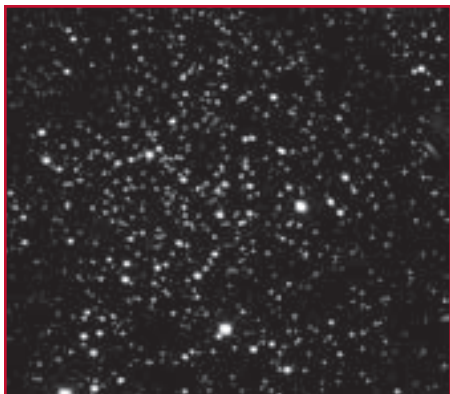
National Aeronautics and Space Administration: "Management of Ocean Color Validation Data Bases," \$140,000

Dr. Matthew Rahn

Stetson Engineers, Inc.: "Hydrological and Biological Technical Support for the Lower Santa Margarita River," \$47,152

Mr. Robert Welty and Dr. Eric Frost

City of San Diego Office of Homeland Security: "Unified Disaster Council 08/10," \$1,359,855 • *Science Applications International Corporation:* "Department of Homeland Security, Science and Technology Testbed," \$392,700



Dr. Eric Sandquist studies binary star clusters to determine accurate ages for different parts of our Milky Way

Astronomy

Dr. Ronald Angione

The O.P. and W.E. Edwards Foundation Inc.: "Project ASTRO," \$13,900 • *The San Diego Foundation:* "San Diego Project ASTRO," \$13,900

Dr. Jerome Orosz

National Science Foundation: "Fundamental Properties of Low Mass Stars in Eclipsing Binaries," \$170,176

Dr. Eric Sandquist

National Science Foundation: "California State University Undergraduate Research Experiences (CSUURE) in Astronomy," \$278,432

Dr. William Welsh

NASA Headquarters: "Detailed Modeling of Extrasolar Planet Transit Observations as a Kepler Participating Scientist," \$93,914

Biology

Dr. Cesar Arenas-Mena

National Center for Research Resources: "Spiralian Developmental System for the Study of Multipotency," \$109,883

Dr. Sanford Bernstein

Muscular Dystrophy Association: "Disease Mechanism and Therapy Development for Inclusion Body Myopathy Type 3," \$150,021 • *National Institute of Arthritis, Musculoskeletal, and Skin Diseases:* "Structure of the UNC-45 Chaperone and its Interaction with Skeletal Muscle Myosin," \$526,240 • *National Institute of General Medical Sciences:* "Genetics and Molecular Biology of Myosin," \$331,665

Dr. Annalisa Berta

National Science Foundation: "Morphometrics of Baleen Among the Mysticeti: Baleen Morphological Variation and its Relationship to Food Preference," \$7,500

Dr. Andrew Bohonak

California Department of Fish and Game: "Development of a Monitoring Protocol to Quantify Population Sizes for the San Diego

Fairy Shrimp," \$5,732 • *EDAW, Inc.:* "Dry Season Shrimp Survey at Marine Corps Base Camp Pendleton," \$161,964; "2009 Dry Season Shrimp Survey at MCB Camp Pendleton," \$118,500

Dr. Douglas Deutschman

National Oceanic and Atmospheric Administration: "Using Soil Salinity and Soil Moisture to Inhibit Invasive Species at the Upland-High Marsh Ecotone," \$20,000 • *The Nature Conservancy (TNC):* "Vegetation Sampling for TNC Conserved Lands," \$149,239 • *The Nature Reserve of Orange County (NROC):* "Improving Statistical Sampling and Vegetation Monitoring for the NROC Reserves in Central Orange County: Year 3," \$74,709 • *San Diego Association of Governments:* "Evaluation and Refinement of Vegetation Monitoring Methods for the San Diego Multiple Species Conservation Program," \$144,854

Dr. Kelly Doran

National Institute of Neurological Disorders and Stroke: "Blood-Brain Barrier Failure in Bacterial Meningitis," \$293,959

Dr. Matthew Edwards

University of Alaska, Fairbanks: "The Role of Latitude and Epocolyptic Adaption on the Ecology, Demography, and Resilience of Subtidal Kelp Populations in the Northeast Pacific," \$58,190

Dr. Matthew Edwards and Dr. Todd W. Anderson

Southern California Coastal Water Research Project: "Rocky Subtidal Sampling," \$25,000

Dr. Ralph Feuer

National Institute of Neurological Disorders and Stroke: "Coxsackievirus Latency, Immune Activation and Pathogenesis in the CNS," \$332,331

Dr. Kim Finley

National Institute on Aging: "Genetic Analysis of Autophagy in the Drosophila Nervous System," \$190,613

Dr. Janet Franklin

Cuyamaca Rancho Foundation: "A Comprehensive Survey of Natural Pine Regeneration Following the 2003 Fire in Cuyamaca Rancho State Park," \$509

Dr. Christopher Glembotski

National Heart, Lung, and Blood Institute: "Role of the Unfolded Protein Response in Cardiac Protection," \$396,813 • *National Science Foundation:* "Patterns of Coral-associated Bacterial Diversity in Pacific and Caribbean Reefs of Panama - Katie Barott," \$40,500 • *Sharp Rees-Stealy Research Foundation:* "Student Support for Medical Research," \$100,000

Dr. Roberta Gottlieb

Colgate-Palmolive Company: "Oral Flora in Periodontal Disease and Atherosclerosis," \$10,000 • *National Heart, Lung, and Blood Institute:* "Rescue and Role of Complex I in Myocardial Ischemic Injury," \$336,375; "ARRA: Rescue and Role of Complex I in Myocardial Ischemic Injury - Brage," \$22,245 • *National Institute on Aging:* "Subcellular Regulation of Autophagic Flux in Cardiomyocytes and the Heart," \$306,475; "ARRA: Subcellular Regulation of Autophagic Flux in Cardiomyocytes and the Heart - Von," \$22,425

Dr. Roberta Gottlieb and Dr. Asa Gustafsson

National Heart, Lung, and Blood Institute: "Juvenile Mouse Model of Delayed Anthracycline Cardiotoxicity," \$373,750

Dr. Asa Gustafsson

National Heart, Lung, and Blood Institute: "Role of Bnip3 in Myocardial Ischemia/Reperfusion Injury," \$336,375; "Role of Bnip3 in Myocardial Ischemia/Reperfusion: Supplement for Melissa Quinsay," \$57,659

Dr. Marshal Hedin

National Science Foundation: "Collaborative Research: Phylogeny of Leiobunine Harvestman (Opiliones) of Eastern North America and Phylogeny-based Tests of Sexually Antagonistic Coevolution," \$32,980

Dr. Brian Hentschel

National Science Foundation: "CAREER: Consequences of Short-term Food Variability During the Development of Marine Invertebrate Larvae," \$104,400

Dr. Kevin Hovel

San Diego Unified Port District: "Movement and Population Size of Spiny Lobsters in San Diego Bay," \$90,000

Dr. To Yuen Hui

National Institute of Diabetes, Digestive, and Kidney Diseases: "Role of Txnip in Adapting Fuel Metabolism to Nutritional State," \$149,500

Dr. Chun-Ta Lai

Duke University: "Understanding the Seasonality and Interannual Variability of Biosphere-Atmosphere 13 CO₂ Exchange in the Southeastern Region of the United States," \$89,730 • *University of Utah:* "Understanding the Influences of Seasonality and Interannual Variability on Biosphere-Atmosphere CO₂ Exchange in a Network of Eight AmeriFlux Sites," \$72,000

Dr. Rebecca Lewison

University of California, Office of the President: "Integrating Molecular Data into a Robust Population Framework for an Apex Predator-Kacev," \$59,552

GRANT AND CONTRACT AWARDS



Master's student Danna Hinderle works in the Conservation Ecology Lab and studies how tortoise habitat choices and behavior are affected by translocation in the Mojave Desert (Dr. Rebecca Lewison, principal investigator)

Dr. David Lipson

National Science Foundation: "Reduction of Iron and Humic Substances as a Dominant Respiratory Process in an Arctic Peat Soil," \$243,365

Dr. Estralita Martin

CSU Sacramento University Enterprises, Inc.: "CSU Louis Stokes Alliance for Minority Participation (LS-AMP) Phase IV," \$88,050

Dr. Leroy McClenaghan and Mr. Thomas Zink

U.S. Department of Defense: "Restoration, Revegetation, and Erosion Research at National Training Center, Fort Irwin," \$53,161 • *U.S. Navy:* "Restoration, Revegetation, and Erosion Research at National Training Center, Fort Irwin," \$1,218,930; "Native Seed Collection, Propagation, Site Selection Outplanting, and Maintenance and Erosion Control and Habitat Restoration INRMP Implementation," \$240,939; "Seed Collection at La Posta Mountain Warfare Training Facility, Campo California," \$33,120; "Fort Irwin FY09 Revegetation Projects at Crazy Horse, Nelson Drop Zone, and Vantex," \$203,016 • *Weston Solutions, Inc.:* "Rose Canyon Restoration, Miramar Marine Corps Air Station," \$9,677

Dr. Walter Oechel

National Science Foundation: "Biocomplexity Associated with the Response of Tundra Carbon Balance to Warming and Drying Across Multiple Spatial and Temporal Scales," \$225,000; "Senior Scientists Support for Barrow Region Supplement," \$31,262

Dr. Paul Paolini

Rees-Stealy Research Foundation: "Peabody Award for Undergraduate Students: Folu Ani," \$5,000

Dr. Paul Paolini and Dr. Jose Castillo

California Metabolic Research Foundation: "Genome-wide Expression Changes Produced by Rosiglitazone in Neonatal Cardiocytes," \$9,171 • *National Science Foundation:* "Undergraduate Student Scholarships

for Participation in Interdisciplinary Computational Science and Engineering Research," \$6,973 (see also Dr. Satchi Venkataraman, Aerospace Engineering)

Dr. Robert Pozos

National Center on Minority Health and Health Disparities: "Minority Health and Health Disparities International Research Training Programs," \$241,037 • *U.S. Department of Education:* "McNair Scholars Program," \$259,969 • *University of California at San Diego:* "Post-baccalaureate Research Education Program (PREP): Nzali Campbell," \$7,862; "Institutional Research and Academic Career Development Award," \$98,026

Dr. Tod Reeder

San Diego Natural History Museum: "Graduate Curatorial Assistantships: A Biodiversity Research and Curation Experience," \$38,041

Dr. Helen Regan and Dr. Janet Franklin

Naval Facilities Engineering Command: "Technical Assistance on the Habitat Fragmentation Study in the Vicinity of Naval Base Point Loma and Marine Corps Air Station Miramar," \$2,057

Dr. Forest Rohwer

Canadian Institute for Advanced Research: "Integrated Microbial Biodiversity Fellowship," \$50,000 • *Cystic Fibrosis Foundation:* "Metagenomic Analysis of Viral and Microbial Communities in Cystic Fibrosis Lungs," \$75,000 • *Global Viral Forecasting Initiative:* "Mobile/Semi-mobile Viral Metagenomic Sequencing," \$69,075 • *The Gordon and Betty Moore Foundation:* "CAMERA Labs: Incorporation of Functional and Biodiversity Models," \$224,910; "Line Islands Sequencing," \$45,000

Dr. Anca Segall

National Institute of General Medical Sciences: "Pathways of Lambda Site-specific Recombination," \$236,587

Dr. Anca Segall and Dr. Peter Salamon

National Science Foundation: "Interdisciplinary Training for Undergraduates in Mathematics and Biology at San Diego State University," \$239,625

Dr. Mark Sussman

American Heart Association: "Pim-1 Stimulates Cardiac Progenitor Cell Proliferation-Cottage," \$2,000 • *American Heart Association, Western States Affiliate:* "American Heart Association Predoctoral Fellowship for Natalie Gude," \$21,500 • *Brigham and Women's Hospital:* "Potentiation of Stem Cells to Retard Aging: Viral Vector Core C," \$231,107; "Potentiation of Stem Cells to Retard Cardiac Aging," \$522,142 • *National Heart, Lung, and Blood Institute:* "Protecting Myocardium by Enhancing Mitochondrial Integrity,"

\$1,884,388; "AKT Activation to Treat Heart Failure," \$354,382; "Stem Cell Signaling in the Pathologically Challenged Myocardium," \$373,750

Dr. Charles Trees

NASA Headquarters: "Spectral Ocean Radiance Transfer Investigation and Experiment (SORTIE)," \$168,120

Dr. Constantine Tsoukas

National Institute of Allergy and Infectious Diseases: "ARRA: Regulation of ITK in Lung Allergy," \$223,013; "ARRA: Generation of an ITK Biosensor Tool Box," \$221,775

Dr. Elizabeth Waters

National Science Foundation: "ARRA: Evolutionary Studies of the Heat Shock Response and Thermotolerance in *Boechera*: Transcriptomics, Physiology and Gene Evolution," \$583,415

Dr. Kathy Williams

Bureau of Land Management: "Otay Mountain Wilderness Thorne's Hairstreak Butterfly Survey/Tecate Cypress Site Assessment," \$14,000; "Otay Mountain Wilderness Mexican Flannel Bush Site Assessment," \$14,000; "Otay Mountain Wilderness Thorne's Hairstreak Butterfly Survey," \$14,000

Dr. Roland Wolkowicz

California State University San Marcos: "Identification of the T-cell Activation Profile of SIV-infected Chinese Rhesus Macaques Using Intracellular Antibodies," \$44,850

Dr. Ricardo Zayas

California Institute for Regenerative Medicine: "The Molecular Basis Underlying Adult Neurogenesis During Regeneration and Tissue Renewal," \$334,384

Chemistry and Biochemistry

Dr. Bernt Mikael Bergdahl

MyChem LLC: "Synthetic Approaches and Biological Evaluation of Some 5-Substituted and 5, 5-Disubstituted 2'-Deoxyribonucleotides," \$40,887 • *Pfizer La Jolla:* "Total Synthesis of Azaspirene: A Powerful Angiogenesis Inhibitor," \$13,000

Dr. Carl Carrano

University of California, Office of the President: "The Role of Bacteria Symbiotic Metabolites in the Development of Toxic Phytoplankton Blooms," \$155,130

Dr. Carl Carrano and Dr. Dale Chatfield

Geneva Foundation: "Antibiotic Impregnated Bone Cement for Treatment of Osteomyelitis and Severe Open Fractures," \$60,417

Dr. Douglas Grotjahn

University of Pittsburgh: "A New Dimension in Renal Clearance Design Criteria for Dendrimer Nanostructures," \$140,880

Dr. Tom Huxford

American Cancer Society: "Structural Biochemistry of the IkkappaB Kinase Beta Subunit," \$150,000 • *Sky Genetics, Inc.:* "Confirming Target Gene Silencing by Cytotonix Antisense Oligonucleotides," \$1,873

Dr. John Love

National Science Foundation: "CAREER: Combined Computational and Experimental Approaches for the Design of Protein-Protein Interactions," \$114,156 • *University of California at San Diego:* "Bio-diesel from Cell Membranes: Utilizing Protein Design to Re-engineer Natural Enzymes for the Extraction of Bio-diesel from Cell Membranes," \$50,000

Dr. Shelli McAlpine

Herman Frasch Foundation: "Development of New Antibiotics with a Novel Target," \$50,000 • *National Cancer Institute:* "ARRA: Conformational Based Design and Development of Antitumor Agents," \$327,773



Graduate student Stephanie Lopera presents her work on anticancer agents at the American Chemical Society meeting (Dr. Shelli McAlpine lab)

Dr. Matthew Parker and Dr. Bernt Mikael Bergdahl

National Institute of General Medical Sciences: "Exploration of New Regions of Diversity Space in Ergot-based Libraries," \$217,500

Dr. David Pullman

PURE Bioscience: "Synthesis, Characterization, and Manipulation of Silver Nanoclusters," \$100,000

Dr. Diane Smith

University of California at San Diego: "Electrochemical Studies of Nitroimidazole Derivatives," \$20,000

Dr. William Stumph

National Science Foundation: "RNA Polymerase-Specific Transformation Complex Assembly on snRNA Genes: Structural and Functional Relationships," \$159,999

Dr. William Tong

Lockheed Martin Integrated Systems and Solutions: "The Laser Wave Mixing for

Detection of Chemical Vapors IRAD Program," \$175,000

Dr. William Tong and Dr. Sanford Bernstein

National Institute of General Medical Sciences: "San Diego State University Minority Biomedical Research Support Program," \$684,643

Dr. Peter van der Geer

University of California at San Diego: "Directed Proteomics of Alzheimer's Related Proteins," \$90,000

Computer Science

Dr. Robert Edwards

National Science Foundation: "Collaborative Research: PHANTOME (Phage Annotation Tools and Methods)," \$285,375

Dr. Joseph Lewis

Lockheed Martin Integrated Systems and Solutions: "SONUS: Self Organizing Networks of Unattended Sensors," \$150,000

Dr. Marie Roch

Office of Naval Research: "Passive Acoustic Monitoring for the Detection and Identification of Marine Mammals," \$290,426 • *University of California at San Diego:* "Marine Mammal Monitoring and Habitat Studies, Southern California Offshore Region," \$10,169; "Real Time Detection Algorithms for Autonomous Underwater Vehicles (AUVs)," \$40,000

Dr. Kris Stewart

National Science Foundation: "Accessibility of Materials Laboratory Experience for Engineering Undergraduates," \$149,903 (see also Dr. Khaled Morsi, Mechanical Engineering and Dr. Marilee Bresciani, Administration, Rehabilitation and Postsecondary Education)

Dr. Mahmoud Tarokh and Dr. John Kim

The San Diego Foundation: "Robotic Helicopter for Monitoring Pollution and Habitat Restoration at Tijuana Estuary," \$54,500

Ms. Mary Thomas

Indiana University: "Software Development for Cyberinfrastructure NSF Middleware Initiative Improvement: Open Grid Computing Environments Software for Science Gateways," \$100,000

Dr. Faramarz Valafar

California State University Foundation: "Advancing Professional Science Master's Programs in the California State University System," \$464,602 (see also Dr. Thomas Scott, Graduate and Research Affairs)

Dr. Marko Vuskovic

New York University School of Medicine: "Biomarker Study of Lung Cancer and AIDS Associated Malignancies," \$17,343

Dr. Tao Xie

National Science Foundation: "Energy Efficient and Reliability-Award Data Management in Mobile Systems," \$160,000

Geological Sciences

Dr. Steven Day

National Science Foundation: "Earthquake Rupture Simulations: Thermo-mechanical Models, and Validation With Strong Motion Data," \$95,754 • *University of Southern California:* "Physical Limits on Ground Motion from Ruptures on Non-planar Faults with Off-fault Damage," \$57,000

Dr. Steven Day and Dr. Kim Olsen

University of Southern California: "A Petascale Cyberfacility for Physics-based Seismic Hazard Analysis," \$189,995

Dr. Eric Frost

Space and Naval Warfare Systems Command: "Theoretical Analysis, Explanatory Studies and Technical Services," \$599,399 (see also Dr. Gordon Lee, Electrical and Computer Engineering) • *University of Arizona:* "Situational Awareness and Decision Support for Controlling Cross-border Smuggling," \$65,055 (see also Dr. Douglas Stow and Dr. Piotr Jankowski, Geography); "Risk Assessment Mitigation and Alignment," \$18,258 (see also Dr. Murray Jennex and Mr. Robert Judge, Information and Decision Systems)

Dr. Barry Hanan

National Science Foundation: "Collaborative Research: Chemical, Isotopic and Volatile Constraints on the Evolution of the Lau Basin," \$15,999; "Collaborative Research: Geochemical Consequences of Slab Break Off and Lithospheric Delamination," \$53,228

Dr. George Jiracek

Los Alamos National Laboratory: "2009 SAGE Program," \$5,539 • *National Science Foundation:* "International Workshop on Electromagnetic Induction in the Earth in Beijing, China," \$20,000; "U.S. Electromagnetic Geophysics Community Workshop," \$20,000

Dr. Lindsey Leighton, Dr. Jared Morrow and Dr. Stephen Schellenberg

National Science Foundation: "A Multi-faceted Exploration of Late Paleozoic Communities," \$75,000

Dr. Shou Ma

University of Southern California: "3-D Rupture Dynamics. Validation of the Numerical Simulation Method," \$37,000

Dr. Harold Magistrale

United States Geological Survey: "Construction of the Western Basin and Range Community Velocity Model," \$49,643; "Enhancement

GRANT AND CONTRACT AWARDS

of the Wasatch Front Community Velocity Model,” \$22,292

Dr. Robert Mellors and Dr. Eric Frost

California Seismic Safety Commission: “Education and Outreach Web Site Development for the California Seismic Safety Commission,” \$21,383

Dr. Kim Olsen

University of Southern California: “A Collaborative Project: 3-D Rupture Dynamics, Validation of the Numerical Simulation Method,” \$7,000

Dr. Kim Olsen and Dr. Steven Day

University of Southern California: “Enabling Earthquake System Science Through Petascale Calculations (PetaShake),” \$90,000

Dr. Aaron Pietruszka

National Science Foundation: “Collaborative Research: Hawaiian Plume Heterogeneity Revealed by Kilauea’s Ongoing Eruption, Prehistoric Lavas and Olivine-hosted Melt Inclusions,” \$56,851; “Using 226Ra-230Th-238U Disequilibria to Test the Hypothesis of Peridotite-Pyroxenite Melt Mixing at Hawaiian Shield Volcanoes,” \$72,555

Dr. Thomas Rockwell

National Science Foundation: “Improving the Chronology of Deformation and Earthquakes at La Rinconada, Argentina,” \$35,658 • *University of Southern California:* “SoSAFE: Confirming and Extending the Event Record at Hog Lake, San Jacinto Fault,” \$19,000; “Refurbishment, Replacement, and Relocation of Southern California Earthquake Center Trench Shoring,” \$30,000; “Depth Characterization of Pulverized Granite Along the San Andreas Fault,” \$7,884; “Testing for Time-variable Loading from Slip Rates of the San Jacinto Fault System,” \$8,300

Dr. Gordon Seitz

University of Southern California: “Establishing the Southernmost Long-term Earthquake Record on the San Andreas Fault,” \$10,000

Dr. Patrick Williams

United States Geological Survey: “Rate Constraints for the Hayward Fault at Berkeley: Evaluation of the 335 Meter Strawberry Creek Offset,” \$58,623; “Recent Slip-per-Event History, Coachella Valley Segment, San Andreas Fault,” \$55,000

Dr. Patrick Williams and Dr. Gordon Seitz

University of Southern California: “Holocene Slip Rate Determination, Coachella Valley, San Andreas,” \$15,000

Mathematics and Statistics

Dr. Janet Bowers

Arizona State University: “Development and Researching Online Applets to Support Mathematical Visualization,” \$31,360

Dr. Ricardo Carretero

National Science Foundation: “Two Component Bose-Einstein Condensates: Modeling, Computation, and Experiment,” \$300,000

Dr. Jose Castillo

Medical Instrumentation and Diagnostics Corporation: “MIDCO Stereotactics Imaging,” \$2,483

Dr. Jose Castillo and Dr. Paul Paolini

National Institute of Diabetes, Digestive, and Kidney Diseases: “Training for a New Interdisciplinary Workforce at SDSU,” \$304,120 • *National Institute of General Medical Sciences:* “Bridges to the Baccalaureate,” \$188,361 • *National Science Foundation:* “Undergraduate Student Scholarships for Participation in Interdisciplinary Computational Science and Engineering Research,” \$6,973 (see also Dr. Satchi Venkataraman, Aerospace Engineering)

Dr. Jose Castillo and Dr. Marie Roch

University of California at San Diego: “CyberBridge,” \$117,623

Dr. Jianwei Chen

National Science Foundation: “ARRA: Statistical Inferences for Deterministic Dynamic Models Containing Both Constant and Time-varying Parameters with Applications to Infectious Diseases,” \$89,472

Dr. John Elwin

University of California, Office of the President: “California Subject Matter Project San Diego Math Project - No Child Left Behind,” \$41,100 (see also Dr. Rafaela Santa-Cruz, Teacher Education)

Dr. Andrew Izsak

University of Georgia: “Does it Work? Building Methods for Understanding Effects of Professional Development,” \$91,514

Dr. Andrew Izsak and Dr. Joanne Lobato

National Science Foundation: “Diagnosing Teachers’ Multiplicative Reasoning,” \$460,562

Dr. Richard Levine and Dr. Juanjuan Fan

National Eye Institute: “Measuring and Predicting Visual Field Progression with Longitudinal-Survival CART,” \$251,350

Dr. C.D. Lin

Grossmont Union High School District: “Creation of Regression Models for Teacher Performance Evaluation Adjusting for Students’ Variability-Phase I,” \$4,500

Dr. Ricardo Nemirovsky

Jewish Community Foundation San Diego: “Math for America - San Diego and CRMSE,” \$19,377 • *National Science Foundation:* “Tangibility for the Teaching, Learning, and Communicating of Mathematics,” \$332,462

Dr. Antonio Palacios and Dr. Eric Frost

Space and Naval Warfare Systems Command: “Theoretical Analysis, Explanatory Studies and Technical Services,” \$158,645 (see also Dr. Gordon Lee, Dean’s Office, College of Engineering)

Dr. Vadim Ponomarenko

National Science Foundation: “REU Site: San Diego State University Mathematics Research Experience for Undergraduates,” \$103,900

Dr. Chris Rasmussen

National Science Foundation: “Collaborative Research: Investigating Issues of the Individual and the Collective Along a Continuum Between Informal and Formal Reasoning,” \$194,762; “Collaborative Research: Exploring Student Understanding of Physical Chemistry,” \$31,309

Dr. Samuel Shen

National Oceanic and Atmospheric Administration: “Error Assessment for United States Historical Climatology Network Time Series,” \$19,528

Dr. Roxana Smarandache

National Science Foundation: “Collaborative Research: New Directions in Graph-based Code Design,” \$129,985

Physics

Dr. Lowell Burnett and Dr. Matthew Anderson

Space and Naval Warfare Systems Command: “Theoretical Analysis, Explanatory Studies and Technical Services,” \$2,194,008

Dr. Fred Goldberg and Ms. Sharon Bendall

National Science Foundation: “Learning Progressions for Scientific Inquiry: A Model Implementation in the Context of Energy,” \$528,991

Dr. Calvin Johnson

U.S. Department of Energy: “Low-energy Nuclear Physics National HPC Initiative: Building a Universal Nuclear Energy Density Functional,” \$55,000 • *University of Washington:* “Low-energy Nuclear Physics National High Performance Computing Initiative: Building a Universal Nuclear Energy Density Functional,” \$10,500

Dr. Usha Sinha

University of California at Los Angeles: “A Context-sensitive Teleconsultation Infrastructure,” \$44,850

Dr. Malgorzata Stramska

National Aeronautics and Space Administration: “Seasonal and Interannual Variability in the Vertical Flux of Particulate Organic Carbon in the North Polar Atlantic,” \$134,162

Dr. Alan Sweedler

California State University, Office of the Chancellor: “Public Interest Energy Research: Energy Innovations Small Grant Program,” \$4,500,000

Dr. Milton Torikachvili

National Science Foundation: "Hydrostatic Pressure Studies of Intermetallic Phosphide, Antimonide, and Germanide Compounds," \$173,680

Dr. Fridolin Weber

National Science Foundation: "ARRA: Neutron Stars as Probes for the Structure of Compressed Baryonic Matter," \$315,000

Psychology

Dr. Nader Amir

National Institute of Mental Health: "Attention Disengagement Training for Social Phobia," \$130,648; "Interpretation Modification Program for Social Phobia," \$201,825; "ARRA: Attention Disengagement Training for Social Phobia - Summer Supplement," \$20,404

Dr. Catherine Atkins

California State University, Office of the Chancellor: "Student Assistants for California Department of Forestry and Fire," \$29,325 • *National Institute of General Medical Sciences:* "Minority Access to Research Careers - USTAR (Undergraduate Student Training in Academic Research)," \$83,920

Dr. Susan Brassler

National Institute on Alcohol Abuse and Alcoholism: "Orosensory Contributions to Alcohol Ingestion," \$252,451

Dr. Thereasa Cronan

National Institute of Mental Health: "Minority Research Infrastructure Support Program (M-RISP) at San Diego State University," \$490,701; "Career Opportunity and Research (COR) at San Diego State University," \$234,638

Dr. Mark Ehrhart and Dr. Lisa Kath

American Nurses Foundation, Inc.: "Understanding Workplace Stress Experienced by Nurse Managers," \$3,499 (see also Dr. Jaynelle Stichler, Nursing) • *Association of Women's Health, Obstetric and Neonatal Nurses:* "Understanding Workplace Stress Experienced by Nurse Managers," \$10,000 (see also Dr. Jaynelle Stichler, Nursing)

Dr. Linda Gallo

National Heart, Lung, and Blood Institute: "Cultural Factors and Metabolic Syndrome Risk in Mexican-American Women," \$28,852; "Cardiovascular Risk Disparities: Socioemotional Pathways," \$1,178,231

Dr. Paul Gilbert

National Institute on Aging: "Age-related Odor Memory Impairment in a Rodent Model," \$174,981

Dr. Jacqueline Kerr

Centers for Disease Control and Prevention: "Physical Activity Policy Research Network,"



Dr. Paul Gilbert and graduate students Andrea Morris, Eva Pirogovsky, and Erin Sundermann at the 2008 International Neuropsychological Society Conference.

\$60,000 (see also Dr. John Elder, Graduate School of Public Health)

Dr. Elizabeth Klonoff

California Department of Health and Human Services: "STAKE Act (Stop Tobacco Access to Kids Enforcement)," \$378,138

Dr. Elizabeth Klonoff and Dr. Stanley Maloy

National Cancer Institute: "Comprehensive SDSU/UCSD Cancer Center Partnership," \$1,392,737

Dr. Alan Litrownik

Administration on Children, Youth and Families: "Consortium for Longitudinal Studies of Child Maltreatment - San Diego Site," \$250,000 • *National Institute of General Medical Sciences:* "Longitudinal Effects of Family Violence on the Development of Delinquency and Aggression: National Research Service Award for Miguel Villodas," \$55,444

Dr. Vanessa Malcarne

California Breast Cancer Research Program: "Breast Cancer Clinical Trials Education Program," \$63,262

Dr. Sandra Marshall

Office of Naval Research: "Cognitive Models of Decision Making in Maritime Headquarters with Maritime Operations Center: A New Perspective on Cognitive Workload," \$130,000

Dr. Georg Matt

University of California, Office of the President: "Smoking Policies and Secondhand Smoke in Hotels," \$508,293 (see also Dr. P.J.E. Quintana, Graduate School of Public Health)

Dr. Sarah Mattson

National Institute on Alcohol Abuse and Alcoholism: "Emotion-based Decision Making in Children with Fetal Alcohol Spectrum Disorders: Fellowship for Linnea Vaurio," \$27,618; "A Multisite Neurobehavioral Assessment of Fetal Alcohol Spectrum Disorders," \$651,718 • *University of California at Los Angeles:* "Mapping the Brain, the Face, and Neurocognitive Function in Fetal Alcohol Spectrum Disorders," \$61,361; "Longitudinal

MRI in Prenatal Methamphetamine or Alcohol Exposure," \$18,359

Dr. Ralph Axel Mueller

National Institute of Mental Health: "Linking Local Activity and Functional Connectivity in Autism," \$388,825 • *National Institute of Neurological Disorders and Stroke:* "National Research Service Award Fellowship for Erin Moore," \$26,641

Dr. Claire Murphy

National Institute on Aging: "Chemosensory Perception and Psychophysics in the Aged," \$306,475; "ARRA: Chemosensory Perception and Psychophysics in the Aged- Administrative Supplement," \$33,010 • *National Institute on Deafness and Other Communication Disorders:* "Olfactory Evoked Potentials in Clinical Populations," \$329,237

Dr. Claire Murphy and Dr. Barbara Cerf-Ducastel

National Institute on Aging: "Chemosensory Perception and Psychophysics in the Aged," \$133,595

Dr. Joseph Price

Oregon Social Learning Center, Inc.: "Preventing Behavior and Health Problems for Foster Teens," \$190,927 • *Rady Children's Hospital San Diego:* "Advanced Center to Improve Pediatric Mental Health Care," \$107,111 • *San Diego County Superintendent of Schools:* "Foster Education Evaluation," \$41,978 • *San Diego Social Advocates for Youth:* "KEEP SAY Extension," \$27,345

Dr. Laura Proctor

National Institute on Drug Abuse: "Trajectories of Adverse Childhood Experiences and Adolescent Substance Use," \$152,851

Dr. Judy Reilly

University of California at San Diego: "Social and Affective Components of Communication," \$56,345

Dr. Judy Reilly and Dr. Pamela Moses

University of California at San Diego: "Neurodevelopmental Studies of Language and Literacy," \$102,916 (see also Dr. Beverly Wulfeck, Speech, Language and Hearing Sciences)

Dr. Edward Riley

National Institute on Alcohol Abuse and Alcoholism: "14th Congress of International Society for Biomedical Research on Alcohol," \$8,000; "Collaborative Initiative on Fetal Alcohol Spectrum Disorders: Administrative Core," \$577,777; "Alcohol Research in the Science/Practitioner Model," \$246,386; "Mechanisms for Risk Taking Behavior in Adolescents with Prenatal Alcohol Exposure: Fellowship for Alissa Bazinet," \$30,151; "ARRA: Behavioral EEG and MRI Evaluation of Prenatal Alcohol Exposure," \$45,095

GRANT AND CONTRACT AWARDS

Dr. Edward Riley and Dr. Sarah Mattson

National Institute on Alcohol Abuse and Alcoholism: "Behavioral EEG and MRI Evaluation of Prenatal Alcohol Exposure," \$463,611

Dr. Edward Riley and Dr. Jennifer Thomas

National Institute on Alcohol Abuse and Alcoholism: "Behavioral Effects of Neonatal Alcohol Exposure," \$293,959

Dr. Scott Roesch

National Institute of Child Health and Human Development: "Intraethnic and Interethnic Differences in Daily Stress, Coping, and Health: National Research Service Award Fellowship for Arianna Aldridge," \$27,452 • *National Institute on Alcohol Abuse and Alcoholism:* "Prevalence and Correlates of Alcohol Consumption Among African Americans-Feion Villodas," \$26,782 • *University of California at San Diego:* "Advanced Center for Innovation in Services and Intervention Research (ACISIR) for Older People with Schizophrenia and Other Psychoses," \$14,956 • *University of California, Office of the President:* "Hopper Diversity Supplement for Irma Corral," \$22,083; "Prevalence and Correlates of African-American Tobacco Use," \$99,311 • *Veterans Medical Research Foundation:* "Capacity to Consent to Research on Bipolar Disorder," \$20,297 •

Dr. James Sallis

California Endowment: "Active Living Research Conference 2007," \$7,500 • *Emory University:* "Neighborhood Nutrition and Physical Activity Environments and Weight," \$117,936 • *National Heart, Lung, and Blood Institute:* "Obesity and the Built Environment," \$29,867; "Ecological Analysis of Activity, Eating and Weight in Adolescents," \$702,886 • *Robert Wood Johnson Foundation:* "Technical Assistance and Direction: Active Living Research National Program Office," \$1,381,181 • *Seattle Children's Hospital and Regional Medical Center:* "Obesity and the Built Environment," \$182,545

Dr. Jennifer Thomas

National Institute on Alcohol Abuse and Alcoholism: "Research Society on Alcoholism Lecture Series," \$19,276; "Fetal Alcohol Effects and Choline Intervention," \$283,506; "ARRA: Fetal Alcohol Effects and Choline Intervention," \$33,638

Dr. Vanessa Weersing

Columbus Children's Research Institute: "Brief Cognitive Behavioral Therapy (CBT) for Pediatric Abdominal Pain and Anxiety," \$13,150 • *William T. Grant Foundation:* "Developing and Disseminating Effective Interventions for Depression and Anxiety in Youth," \$80,000 • *University of Pittsburgh:* "Prevention of Depression: Impact on the Transition to Early Adulthood," \$21,597

Dr. May Yeh

National Institute of Mental Health: "Race/Ethnicity, Parental Involvement, and Youth Mental Health Service Outcomes: Fellowship for June Liang," \$29,377; "Symptom Severity, Treatment Engagement, and Outcomes for Culturally Diverse Youth: Fellowship for Katherine Tsai," \$26,481; "Cognitive Consensus in Cross-cultural Competence," \$607,784

GRADUATE AND RESEARCH AFFAIRS

Dr. Thomas Scott, Vice President and Dean

Dr. Thomas Scott

California State University Foundation: "Advancing Professional Science Master's Programs in the California State University System," \$464,602 (see also Dr. Faramarz Valafar, Computer Science)

STUDENT AFFAIRS

Dr. James Kitchen, Vice President

Student Disability Services

Ms. Mary Shojai

U.S. Department of Education: "Student Support Services Project for Students with Disabilities," \$282,055

Student Health Services

Dr. James Lange

National Institute on Alcohol Abuse and Alcoholism: "Investigating Collegiate Natural Drinking Groups," \$177,531 • *U.S. Navy:* "Evaluation of the Arrive Alive Program," \$6,999

UNIVERSITY RELATIONS AND DEVELOPMENT

Mr. Gregory Levin

County of San Diego Office of Financial Planning: "Alumni Monty's Sponsorship," \$15,000

KPBS: EDUCATIONAL RADIO AND TELEVISION

Mr. Thomas Karlo, General Manager

Mr. Thomas Karlo

Alliance Healthcare Foundation: "Healthcare Reporting Fund," \$60,000 • *California HealthCare Foundation:* "Expanding Health Care Reporting in Southern California," \$240,000 • *Corporation for Public Broadcasting:* "Radio Community Service Grant," \$497,016; "Television Community Service Grant," \$1,961,140; "Television Interconnect Grant," \$40,276; "Ready to Lead in Literacy," \$15,000; "Envision San Diego: Regional Economy and the Election," \$25,000; "Facing the Mortgage Crisis," \$45,000 • *Fetzer Institute:* "Campaign of Love and Forgiveness," \$12,500 • *KCET:* "Sid the Science Kid," \$7,500; "A Place of Our

Own," \$7,500 • *KQED FM Radio:* "California Reports Health Dialogues - 2006," \$11,000 • *Outreach Extensions:* "Critical Condition," \$3,500; "The Principal Story," \$10,000 • *Public Radio Management, Inc.:* "Public Media Innovation Grant Program," \$33,800 • *The San Diego Foundation:* "PBS Kids Raising Readers," \$40,000 • *V-me Media, Inc.:* "V-me National Outreach Project," \$20,288 • *Wells Fargo Foundation:* "Raising Readers," \$10,000 • *WETA:* "KPBS Presents: "The National Parks, America's Best Idea," \$7,500 • *WGBH Educational Foundation:* "We Shall Remain Outreach Campaign," \$5,000

Mr. Thomas Karlo and Ms. Deanna Mackey

Corporation for Public Broadcasting: "Ready to Learn," \$40,000

Ms. Monica Medina and Mr. Thomas Karlo

Latino Public Broadcasting Project: "VOCES National Outreach Campaign," \$20,000

Mr. Keith York

Southern Oregon Public Broadcasting: "400 Years of the Telescope," \$5,000

RESEARCH FOUNDATION

Mr. Dan Gilbreath, Executive Director

Student Internship Programs

Mr. W. Timothy Hushen

General Atomics Corporation: "Technical Student Services Program," \$557,576 • *Science Applications International Corporation:* "Student Services: Effects of Thermal and Exercise Stress on Human Performance," \$51,420; "Student Services: Evaluating the Navy and Marine Corps Medical Care System," \$176,822; "Student Services: Substance Abuse Prevention Research," \$8,612 • *Space and Naval Warfare Systems Command:* "Student Support Services," \$976,133

Coastal Waters Laboratory

Mr. W. Timothy Hushen

United States Geological Survey: "California Water Science Center and Ecological Research Center," \$1,049,367

June Burnett Institute

Mr. John Wedemeyer

Ventura Unified School District: "Ventura Unified School District - One-day Training February 14, 2008," \$7,775

Mr. John Wedemeyer and Ms. Jeana Preston

Los Angeles Unified School District: "Leadership Development Training Conference," \$23,700 • *Sweetwater Union High School District:* "Leadership Development Training Conference," \$47,000; "Parent Involvement Liaison Certification Program," \$11,375