

Awards Received September 1 through September 30, 2018

COLLEGE OF ARTS & LETTERS

Office of the Dean

Dr. Mathias Schulze and Dr. Christopher P. Brown

The Institute of International Education: *"Language Acquisition Resource Center at San Diego State University Project GO,"* \$350,000

U.S. Department of Defense: *"Iraqi Language Immersion,"* \$78,940; *"Levantine Immersion Program,"* \$418,797; *"Pashto Immersion Project,"* \$85,872; *"Persian Farsi Immersion Program,"* \$170,680

University of California Office of the President: *"California Subject Matter Project - CSMP,"* \$17,500

Anthropology

Dr. Seth Mallios

California Environmental Protection Agency: *"South Coastal Information Center,"* \$9,999

Economics

Dr. Jennifer Imazeki

University of California at Berkeley: *"Transforming College Teaching: Statewide Implementation of the Faculty Learning Program,"* \$44,203

Geography

Dr. Thomas Herman

South Bay Community Services: *"Evaluation of First 5 Targeted Home Visiting Program for South Bay Community Services,"* \$42,000; *"South Region Evaluation: First 5-Healthy Development Services for Children,"* \$79,344

Dr. Douglas Stow

National Science Foundation: *"Landscape-Level Measurements of and Controls on Wildfire Spread Rates,"* \$48,160

COLLEGE OF EDUCATION

Office of the Dean

Administration, Rehabilitation & Postsecondary Education

Dr. Charles Degeneffe

U.S. Department of Education Office of Special Education/Rehabilitation Services: *"Rehabilitation Long-Term Training Program-Vocational Rehabilitation Counseling,"* \$200,000

Dr. Nan Hampton and Dr. Caren Sax

"Raising the Bar: Long Term Training in Rehabilitation Counseling," \$200,000

Dr. Marjorie Olney

U.S. Department of Education Office of Special Education and Rehabilitation Services: *"Psychiatric Rehabilitation Concentration and Certificate Project,"* \$149,999

Dr. Caren Sax

California Department of Education: "*EFRC Family Empowerment Center 18/19,*" "*EFRC Family Empowerment Center 18/19,*" \$255,481

Poway Unified School District: "*EFRC Poway Alternative Dispute Resolution 18/19,*" \$10,000

Dr. Caren Sax and Dr. Nan Hampton

U.S. Department of Education Office of Special Education and Rehabilitation Services: "*Collaborative for Distance Education in Rehabilitation: Comprehensive System of Personal Development Rehabilitation Training,*" \$200,000

Dr. Mark Tucker

Arizona Department of Economic Security: "*Arizona Comprehensive Statewide Needs Assessment Project,*" \$82,424

California Department of Rehabilitation: "*Intra-Agency Master Agreement for Employment Partnership Training,*" \$660,000

Child & Family Development

Dr. Kelsey Dickson

National Institute of Mental Health: "*Adapting an ASD Executive Functioning Intervention for Implementation in Children's Mental Health Services,*" \$168,472

Dr. Karen S. Myers-Bowman

YMCA of San Diego County: "*San Diego CARES Program,*" \$1,065

Dr. Sarah R. Rieth

University of California at San Diego: "*Reducing Disparities in Early Identification and Intervention for Traditionally Underserved Children and Families,*" \$150,804

Educational Leadership

Dr. Joseph F. Johnson

San Diego State University: "*College of Extended Studies Course Development,*" \$20,000

Dr. Vicki Park

Spencer Foundation: "*Co-constructing Continuous Improvement for Equity and Excellence: The Role of Adaptive Assistance Partners for Organizational Learning in Low-Performing Schools,*" \$31,088

Special Education

Dr. Laura Hall and Dr. Yasemin Turan-Qian

U.S. Department of Education Office of Special Education/Rehabilitation Services: "*Project PIPELINES - Preparing Intervention Personnel as Early Learning Navigators using Evidence-based Strategies,*" \$149,879

Dr. Jessica Suhrheinrich

University of California at Davis: "*Exploring Multi-level System Factors Facilitating Teacher Training and Implementation of EBP,*" \$107,347

Teacher Education

Dr. Lisa Lamb and Dr. Melissa M. Soto

University of California Office of the President: *"San Diego Math Project - CSMP,"* \$24,000

Dr. Cynthia Park

U.S. Department of Education Office of Postsecondary Education: *"Educational Talent Search,"* \$521,117; *"Talent Search Mentoring: Meaningful Mentoring to Build a College-going Culture,"* \$256,455

COLLEGE OF ENGINEERING

Civil & Environmental Engineering

Dr. Natalie Mladenov

San Diego River Conservancy: *"Increasing Preparedness in the San Diego River Watershed for Potential Contamination Events,"* \$187,115

Dr. Matthew L. Verbyla

Trussell Technologies: *"Human-associated HF183 Bacteroides 16S rRNA genetic marker at NCWRP and the Pure Water Facility,"* \$4,996

Dr. Thomas A. Zink

U.S. Department of Defense Army Corps of Engineers: *"San Clemente Island Botanical Program Implementation, NALF San Clemente Island, Naval Base Coronado, California.,"* \$368,719

Electrical & Computer Engineering

Dr. Baris Aksanli

CSU Fullerton Auxiliary Services Corporation: *"GE Digital CSU Innovation Design Challenge,"* \$2,000

National Science Foundation: *"NRI: FND: COLLAB: Distributed Bayesian Learning and Safe Control for Autonomous Wildfire Detection,"* \$75,000

Dr. Sunil Kumar

U.S. Department of Defense Air Force Research Laboratory: *"Quality-of-Autonomy (QoA)-Oriented and QoS-Aware Transport and Routing Protocols for Contested Airborne Swarm Networks,"* \$100,000

Dr. Satish Sharma

U.S. Department of Defense Space and Naval Warfare Systems Command: *"Design and Development of Ku-band Phased Array Antenna Network Using Heat Sink Radiator and Reflector Element for Beam Steering Applications,"* \$179,916

Mechanical Engineering

Dr. Joaquin Camacho

National Science Foundation: *"EAGER: Flame-Assisted Chemical Vapor Deposition for Energy Storage Electrode Fabrication,"* \$79,999

Dr. Parag Katira

National Science Foundation: *"Collaborative Research: Heterogeneous Cancer Cell Mechanics Differentially Drives Mechanosensing and Migration,"* \$191,607

Dr. Fletcher Miller

San Diego State University: *"ARPA-E Focus Project Post-Doc,"* \$13,518

Dr. Peiman Naseradinmousavi

National Science Foundation: *"Collaborative Research: Decentralized Adaptive and Extremum Seeking Control of High-DOF Manipulators With Image Processing,"* \$230,377

COLLEGE OF HEALTH & HUMAN SERVICES

Graduate School of Public Health

Dr. Elva Arredondo

RAND Corporation: *"Linking Churches with Parks to Increase Physical Activity Among Latinos,"* \$22,376

Dr. Lisa Asmus

Family Health Centers of San Diego: *"Minority AIDS Initiative (MAI) Integrated Care Coordination Program Evaluation,"* \$9,000; *"Project Pride Evaluation Services,"* \$7,000

Dr. Jerel Calzo

Boston Children's Hospital: *"Mechanisms of Health Promotion in Diverse Youth through Gay-Straight Alliances,"* \$59,851

Dr. Melbourne Hovell

California Department of Health Services: *"Women, Infants and Children,"* \$7,508,376

Dr. Susan M. Kiene

National Institute on Alcohol Abuse and Alcoholism: *"Development and Pilot Testing of a Combination Intervention to Reduce Heavy Drinking and Improve HIV Care Engagement among Fisherfolk in Uganda,"* \$191,422

Dr. Hala Madanat

San Diego State University: *"San Diego State University Research Support,"* \$12,000

Dr. Corinne McDaniels

San Diego County Health and Human Services Agency: *"Local Oral Health Program - Community Needs Assessment and Evaluation,"* \$100,000

Dr. Eyal Oren

California Tobacco Related Disease Research Program: *"A randomized cross-over clinical trial of unfiltered cigarettes,"* \$631,324

Dr. Amy Pan

The Children's Initiative: *"Data to Action - Reducing Child Injury and Death,"* \$16,229

School of Social Work

Dr. Steven Hornberger

The San Diego Foundation: *"Age Friendly Communities,"* \$69,000

Dr. Jennifer Tucker-Tatlow

Casey Family Programs: *"SB Org Health Series Training FY 18-19,"* \$12,174

Dr. Jennifer Tucker-Tatlow and Dr. Jennifer N. Baum

San Diego County Health and Human Services Agency: *"Cultural Competency Academy FY 18/19,"* \$140,725

COLLEGE OF PROFESSIONAL STUDIES & FINE ARTS

Music & Dance

Dr. Charles Friedrichs

University of California Office of the President: *"Southern Counties Arts Project (CSMP),"* \$52,000

Public Affairs

Dr. Alan C. Mobley

California State University San Francisco: *"Project Rebound,"* \$69,821

COLLEGE OF SCIENCES

Office of the Dean

Dr. Susan Baxter

National Science Foundation: *"Type II: California State University Innovation Site,"* \$100,000

Dr. Lance Larson

Vector Planning & Services, Inc: *"Defensive Cyberspace Operations Research, Development, Testing, Engineering, Integration, Maintenance, and Production Support,"* \$919

Dr. Faramarz Valafar

National Institute of Allergy and Infectious Diseases: *"Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB,"* \$713,991

Astronomy

Dr. Robert Quimby

Space Telescope Science Institute: *"FUV Spectral Evolution of a Superluminous Supernova,"* \$14,195

Biology

Dr. William Boarman

Upgrade Professional Solutions Corporation: *"Analysis of Common Raven Data,"* \$14,320

Dr. Marshal C. Hedin

U.S. Department of the Interior U.S. Fish and Wildlife Service: *"Resolving the species status of *Texella reyesi* (*Opiliones, Phalangodidae*) using sequence capture of ultra-conserved elements,"* \$11,000

Dr. Carrie D. House

National Cancer Institute: *"Role of NF- κ B signaling in supporting ovarian cancer tumor-initiating cells responsible for cancer recurrence,"* \$249,000

Dr. Marina Kalyuzhnaya

Tradewater LLC: *"Bacterial Production of Ectoine and Lipase: Coal Mine Methane Valorization,"* \$68,781

Dr. Jeremy D. Long

U.S. Department of Defense U.S. Navy: *"Rocky Intertidal Non-native Species Surveys and Grazing Experiments in Support of the Black Abalone on Naval Auxiliary Landing Field San Clemente Island,"* \$132,500

U.S. Department of the Interior National Park Service: *"Cooperative research and training program concerning the resources of Cabrillo National Monument for students at San Diego State University,"* \$17,026

Dr. Tod Reeder

National Science Foundation: *"Collaborative Research: Species delimitation, hybridization and the origin of parthenogenesis in Whiptail lizards (Aspidoscelis),"* \$239,066

Dr. Anca Segall

Virginia Polytechnic Institute and State University: *"Integrative Genomics Approach to Computational Assessment of Threats (IGACAT),"* \$10,502

Dr. Xiaofeng Xu

U.S. Department of Education Oak Ridge National Laboratory: *"Data Model Integration for Methane (CH₄) at the S1 Bog and CH₄ Module Incorporation into the Energy Exascale Earth System Model,"* \$37,500

Dr. Thomas A. Zink

U.S. Department of Defense U.S. Navy: *"Dune Restoration at Naval Base Coronado,"* \$18,496; *"Naval Base Coronado Dune Restoration and Sensitive Plant Species Surveys,"* \$36,580

Chemistry & Biochemistry

Dr. Douglas Grotjahn and Dr. Diane Smith

U.S. Department of Energy: *"New tools and methods for measuring water oxidation catalyst viability,"* \$152,314

Dr. William Stumph

California Metabolic Research Foundation: *"Matching Funds For The Purchase of A High-Speed Preparative Centrifuge And Rotor,"* \$27,000

Dr. Yong Yan

National Science Foundation: *"Hybrid Halide Perovskite Materials for Photocatalytic Carbon-Carbon Bond Formation,"* \$126,289

Geological Science

Dr. Kim Olsen

Willis Limited: *"Phase: Enhanced Loss Calculation Based on 3D Ground Motion Calculations for the Pacific Northwest,"* \$65,386

Dr. Kim Olsen and Dr. Daniel Roten

National Science Foundation: *"PREEVENTS Track 2: 3D Nonlinear Simulation of Large Earthquakes on the Southern San Andreas Fault,"* \$180,407

Mathematics & Statistics

Dr. Daniel Reinholz

National Science Foundation: *"Collaborative Research: Expanding Access: Furthering a Network of Diversity-Focused Programs in the Physical Sciences,"* \$22,543

University of Colorado Boulder: *"Departmental Action Teams: Sustaining Improvements in Undergraduate STEM Education Through Faculty Engagement,"* \$30,117

Physics

Dr. Kenneth M. Nollett

U.S. Department of Energy: *"Quantum Monte Carlo and fewer-body approaches to scattering, reactions, and related properties of nuclei,"* \$51,000

Psychology

Dr. Edward Riley and Dr. Jennifer Thomas

National Institute on Alcohol Abuse and Alcoholism: "*Congresses of the International Society for Biomedical Research on Alcoholism*," \$74,502

Dr. Dustin B. Thoman

University of Virginia: "*Fostering Resilient Mindsets Through Customized Interventions*," \$7,782

Dr. Jennifer Thomas

National Institute on Alcohol Abuse and Alcoholism: "*The Effects of Combined Developmental Ethanol and THC Exposure on Behavioral Development in Rats*," \$178,719

Dr. May Yeh

University of San Diego: "*Personalizing Parent Training Interventions for Culturally Diverse Families*," \$105,306

GRADUATE & RESEARCH AFFAIRS

Mr. W. Timothy Hushen

U.S. Department of Defense Space and Naval Warfare Systems Command: "*Student Support Services*," \$19,863

STUDENT AFFAIRS

Dr. Jennifer Rikard

Responsible Retailing Forum: "*Great Plays Grant*," \$10,000

Dr. Pamela Starr

California Department of Rehabilitation: "*Workability IV*," \$96,000

INTERDISCIPLINARY PROGRAMS

Dr. Li An, Dr. Douglas Stow, and Dr. Rebecca Lewison

National Science Foundation: "*CNH-L: People, Place, and Payments in a Complex Human-Environment System*," \$1,450,000

Dr. Guadalupe X. Ayala and Dr. Kristen Wells

National Center on Minority Health and Health Disparities: "*SDSU HealthLINK Center for Transdisciplinary Health Disparities Research*," \$4,364,734

Dr. Sheila F. Castaneda, Dr. Gregory Talavera, and Dr. Linda Gallo

University of California at San Diego: "*Nightly Fasting and Eating Patterns and Cardiometabolic Risk in Hispanic/Latina Women*," \$13,526

Dr. Yasemin Turan-Qian, Dr. Laura Hall, and Dr. Sonja Pruitt

U.S. Department of Education: "*Project Mainsail - M.A. degree Interdisciplinary preparation for Speech-language And early Intervention Leaders in ASD*," \$249,953