

January 2024

Awards Received

Total: \$12,986,361



Geography

Dr. Jessica Barlow

The San Diego Foundation: "Making Community Sense of Cali-Baja Environments (Awarded to Environmental Health Coalition)," **\$5,010**

Dr. Daniel Sousa and Dr. Amy Quandt

University of California at Santa Barbara: "Sustainable Agroecosystems: Harnessing Policy-driven Land Use Change for the Sustainability, Productivity, and Vitality of Agroecosystems," **\$84,131**



Administration, Rehabilitation, and Postsecondary Education

Dr. Charles Degeneffe

San Diego State University: "Technical and Administrative Support Services for the Master of Science (MS) Rehabilitation Counseling - Consortium for Distance Education in Rehabilitation (CDER) Degree Program," **\$101,226**

Dr. Caren Sax

State of Hawaii: "Hawaii Division of Vocational Rehabilitation - Technical Assistance and Training," **\$202,499**

Child and Family Development

Dr. Sarah Garrity

YMCA of San Diego County: "Child Care Shared Services Alliance (SSA) STEPS Program," **\$69,200**

Dr. Sarah Rieth

San Diego Regional Center for the Developmentally Disabled: "PUENTE (Padres Unidos En Transformacion Y Empoderamiento)," **\$85,669**

Dual Language and English Learner Education

Dr. Saul Maldonado

American Evaluation Association: "American Evaluation Association Graduate Education Diversity Internship (GEDI) Scholars: Preparing Emerging Black, Indigenous, and People of Color (BIPOC) Evaluators 2023-2025," **\$70,000**

Educational Leadership

Dr. Jose Escobedo

National Heritage Academies: “National Center for Urban School Transformation (NCUST): Equity and Excellence Audits for National Heritage Academies 23-24,” **\$30,000**

Teacher Education

Dr. Cynthia Park

University of California at San Diego: “The California Medicine Scholars Program (Subcontract to UCSD),” **\$35,000**



Office of the Dean

Dr. Eugene Olevsky

University of California Office of the President: “Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP) - Luis Topete,” **\$350,000**

Aerospace Engineering

Dr. Satchi Venkataraman

American Society for Engineering Education: “Archival Publication of Research on Design and Implementation of Professional Development Course Tailored for Interdisciplinary Computational Science Graduate Students,” **\$5,000**

Civil, Construction, and Environmental Engineering

Dr. Thais Alves

Lean Construction Institute: “Addressing Construction Worker Mental Health Using Lean Approaches,” **\$66,220**

Dr. Christine Dykstra

National Science Foundation: “CAREER: Elucidating the Interaction(s) between Bacteria and Archaea in a Biocathode,” **\$136,367**

Dr. Alicia Kinoshita

National Aeronautics and Space Administration: “Impacts of Changing Wildfire Regimes on Human Communities and Water Security,” **\$327,752**

Electrical and Computer Engineering

Dr. Sunil Kumar

U.S. Department of Defense Air Force Research Laboratory: “Deep Transfer Learning-based Cognition Engine for Network-Adaptive Waveform Design,” **\$60,000**

Dr. Hakan Toreyin

Shirley Ryan AbilityLab: “Wearable Diaphragmatic Efficiency Monitoring Technologies Towards In-home Respiratory Monitoring of People with Cervical Spinal Cord Injury,” **\$37,625**

Mechanical Engineering

Dr. Subrata Bhattacharjee and Dr. Fletcher Miller

National Aeronautics and Space Administration: “Residence Time Driven Flame Spread: The Final Phase,” **\$85,000**

Dr. George Youssef

Hanyoung Nux Co., Ltd: “The Development of Customized Sensor Technology for Installation of Safety Diagnostic Equipment for Facilities/Food,” **\$23,130**



Exercise and Nutritional Sciences

Dr. Daniel Cannon

The Lundquist Institute: “Sex Differences in Neuromuscular Performance and Fatigue: Consequences for Mechanisms of Exercise Intolerance,” **\$3,100**

Dr. Katrina Maluf and Dr. Sara Gombatto

National Institute on Minority Health and Health Disparities: “Salud de tu Espalda Primary Care to Physical Therapy (STEPPT): Mitigating Ethnic Disparities in Access and Engagement in Spine Pain Rehabilitation,” **\$523,319**

Public Health

Ms. Lisa Asmus

San Diego County Health and Human Services Agency: “Syringe Service Program (SSP) Evaluation,” **\$60,650**

Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson

San Diego County Health and Human Services Agency: “Strategic Human Immunodeficiency Virus (HIV) Prevention Project - Evaluation Services,” **\$50,000**

Dr. Eunha Hoh

University of California at San Francisco: “Thirdhand Smoke Environmental Markers Analytical Chemistry Laboratory,” **\$216,709**

Dr. Eunha Hoh and Dr. Nathan Dodder

University of California at Santa Barbara: “Foundational Research for Deep Ocean Dumping of Dichlorodiphenyltrichloroethane (DDT)+ Wastes: How Much is Out There, Where is it, and What is it Doing Today?,” **\$337,012**

Dr. Corinne McDaniels-Davidson

Indian Health Council: “Native American Research Center for Health (NARCH) XII Evaluation,” **\$16,961**

Save a Life Foundation: “2023 Development of Professional Education Program for Primary Care Practitioners on Sudden Cardiac Arrest Prevention in Youth,” **\$4,750**

Dr. Corinne McDaniels-Davidson and Ms. Tanya Penn

San Diego County Health and Human Services Agency: “Community Health Worker Program Implementation, Community Coalition Management and Evaluation Services,” **\$84,697**

Dr. Jessica Swartz and Dr. Lori Tuttle

Academy of Pelvic Health Physical Therapy: “Exploring Physician and Physical Therapist Attitudes and Beliefs Surrounding Acute Care Physical Therapy in Obstetrics,” **\$10,000**

Social Work

Mr. Steven Hornberger

California Department of Health Care Access and Information: “San Diego Building Diverse Caregiver Capacity,” **\$406,930**



Art and Design

Professor Annie Buckley

California Arts Council: “Prison Arts Collective (PAC) Training: Collaboration and Logistics - Growing a Strong Foundation,” **\$24,633**; “Prison Arts Collective (PAC) Training: Healing from the Inside,” **\$24,809**; and “Prison Arts Collective 2023-26,” **\$441,265**

Communication

Dr. Yea-Wen Chen

National Communication Association: “Family Spirituality in Taiwan: Investigating Moments When Taoist Spirituality Enables and/or Constrains Civic Engagement,” **\$200**

Hospitality and Tourism Management

Mr. Carl Winston

San Diego State University: “California State University Hospitality and Tourism Alliance,” **\$64,040**



Office of the Dean

Dr. Catherine Atkins

University of California at San Diego: “San Diego Institutional Research and Academic Career Development Award (IRACDA): Professors for the Future,” **\$85,000**

Dr. Jose Castillo and Dr. Karen Campbell

California Department of Conservation: “Surface Expression Risk Assessment Phase II,” **\$394,570**

Biology

Dr. Rulon Clark

San Diego Zoo Wildlife Alliance: “Behavior and Ecology of Crotalus Ruber, the Red Diamond Rattlesnake,”
\$5,000

Dr. Matthew Edwards

University of Southern California: “Research and Restoration of Giant Kelp at Catalina Island, Proof of Principle,”
\$74,425

Dr. Walter Oechel

City College of New York: “National Oceanic and Atmospheric Administration (NOAA) Cooperative Science Center for Earth System Sciences and Remote Sensing Technologies-II,” **\$151,177**

Dr. Nicholas Shikuma

National Science Foundation: “CAREER: Determining How Bacteria Stimulate Animal Metamorphosis,” **\$222,205**

Dr. Xiaofeng Xu

National Science Foundation: “CAREER: Integrating a Microbial Data System with an Earth System Model for Evaluating Microbial Biogeochemistry,” **\$139,191**

Chemistry and Biochemistry

Dr. William Tong

National Science Foundation: “Collaborative Research: Micro-level Oxygen Transport Mechanisms in Elite Diving Mammals: Capillary Red Blood Cell? (RBC) to Myofiber,” **\$418,546**

Computer Science

Dr. Bryan Donyanavard

National Science Foundation: “Predicting Perception Failure in Realtime Mobile Autonomous Systems,” **\$175,000**

Dr. Marie Roch

U.S. Department of Defense U.S. Navy: “Capability Enhancements for Tethys,” **\$142,553**

Physics

Dr. Kenneth Nollett

U.S. Department of Energy Office of Science: “Quantum Monte Carlo and Fewer-body Approaches to Scattering, Reactions, and Related Properties of Nuclei,” **\$75,000**

Psychology

Dr. Linda Gallo

University of Washington: “SOLAir: Environmental Factors and Diabetes Development in Latinos,” **\$22,152**

Dr. Keith Horvath

Florida State University: “Adolescent Medicine Trials Network for Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Syndrome (AIDS) Interventions (ATN) Scientific Leadership Center – SLG,”
\$49,618

Dr. Georg Matt

Cincinnati Childrens Hospital: “Assessment, Detection, and Validation of Clinical Associations of Thirdhand Smoke Exposure,” **\$146,628**

University of California at San Francisco: “Collaborative Consortium on Thirdhand Smoke Core: Dissemination, Outreach, and Resource Center,” **\$598,231**

Dr. Jillian Wiggins

National Institute of Mental Health: “Neural Mechanisms of Risk for Irritability across the Transition to Adolescence,” **\$343,071**



Dr. Jessica Rentto

California Office of Emergency Services: “Campus Sexual Assault (CT) Program,” **\$204,500**



Mr. Vince Petronzio

Corporation for Public Broadcasting: “Radio Community Services 2023-25,” **\$610,157**; and “Television Community Service 2023-25,” **\$3,231,317**

Ms. Trisha Richter

Fred Rogers Productions: “Be My Neighbor Day,” **\$10,000**

The Conrad Prebys Foundation: “KPBS Arts Content Initiative,” **\$400,000**



OFFICE OF THE PRESIDENT

Dr. Jennifer Imazeki

California State University Office of the Chancellor: “Building Transformational Cultures of Data Use,” **\$29,300**



Dr. Donna Castaneda

California Humanities: “Latinx Youth and Poetry in Imperial County,” **\$5,000**



Dr. John Crockett

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Analytical and Technical Support Services from Undergraduate and Graduate Students at Educational Institutions,” **\$39,968**

INTERDISCIPLINARY PROGRAMS

Dr. Hala Madanat and Dr. Stanley Maloy

Arizona State University: “Desert and Pacific Region I-Corps Hub,” **\$138,900**

Dr. Megan Jennings and Dr. Douglas Stow

National Aeronautics and Space Administration: “Spatial Decision Support for Fire Management in Indigenous Cultural and Stewardship Practices,” **\$140,199**

Dr. Uduak George and Dr. Melody Schiaffino

University of North Texas Health Science Center at Fort Worth: “Centering Artificial Intelligence (AI) on Diverse Older Adults with Cancer to Address Inequities in Care Delivery and Survivorship,” **\$100,000**

Dr. Jerry Sheehan, Dr. Luwen Huangfu, and Dr. Faramarz Valafar

National Science Foundation: “CC* Regional Computing: California State University (CSU) Technology Infrastructure for Data Exploration (TIDE),” **\$991,749**