

April 2024
Awards Received
Total: \$21,532,551



Office of the Dean

Dr. Mathias Schulze and Dr. Christopher Brown

U.S. Department of Defense: “Defense Language Institute (DLI) Language Immersion Training,” **\$810,267**

Economics

Dr. Joseph Sabia

Foundation for a Smoke-Free World: “Assessing the Efficacy of Increasing Access to Tobacco Harm Reduction Products: New Evidence on Intended and Unintended Effects,” **\$551,044**

Geography

Dr. Hilary McMillan

Consortium of Universities (CUAHSI): “Improving the Fidelity of the NextGen National Water Model (NWM) through Process Synthesis Across North America,” **\$54,743**

History

Dr. Gregory Daddis

Florida State University: “Hub & Spoke Post-Doctorate Fellowship Program,” **\$95,000**



Administration, Rehabilitation, and Postsecondary Education

Dr. Caren Sax

San Diego State University: “Technical and Administrative Support Services for the Palau MA Program,” **\$19,168**

Counseling and School Psychology

Dr. Laura Owen

Equitable Foundation: “National School Counselor Summit,” **\$25,000**

Dr. Laura Owen and Dr. Brittany Glover

Foundation for California Community Colleges: “Enhancing Student Success with CaliforniaColleges.edu: A California College Guidance Initiatives (CCGI) Continuing Education Unit Course (CEU),” **\$477,500**

Teacher Education

Dr. Cynthia Park

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



Civil, Construction, and Environmental Engineering

Dr. Hanyang Li

Comite Civico Del Valle Inc.: “Toxic Metals Monitoring Regional Network (ToMMoRW): High Time Resolution Community-based Monitoring in California's Imperial Valley,” \$117,595

Dr. Dongye Zhao

Auburn University: “A 'Trap-and-zap' Technology for Cost-effective Removal and Destruction of Aqueous-phase per- and Polyfluoroalkyl Substances at U.S. Department of Defense (DoD) Sites,” \$96,197

Electrical and Computer Engineering

Dr. Satish Sharma

National Aeronautics and Space Administration: 5G Array for Lunar Relay Operations - Flight Test (FIGARO-FT),” \$97,000

Mechanical Engineering

Dr. Sungbum Kang

Chosun University: “Development of Damage Evaluation Model for Pipe-rack Structure using Big Data-based Machine Learning,” \$15,000

Dr. Zahra Nili Ahmadabadi

U.S. Department of Defense Office of Naval Research: “Model-free Source Seeking Control for Cluttered GPS-denied Environments with Nonconvex Signal Fields,” \$20,000

Dr. George Youssef and Dr. Sung-Yong Park

Hanyoung Nux Co., Ltd: “The Development of Customized Sensor Technology for Installation of Safety Diagnostic Equipment for Facilities/Food,” \$77,986



Exercise and Nutritional Sciences

Dr. Katie Crist

Robert Wood Johnson Foundation: “Studying the Impact of COVID-19 on Transit Use to Understand the Mobility Needs of Transit-dependent Riders - Supplemental Grant: TROLLEY Study - TRansit Opportunities for HeaLth, Livability, Exercise and EquitY,” \$103,297

Dr. Mark Kern and Dr. Shirin Hooshmand

Wild Blueberry Association of North America: “Impacts of Wild Blueberries on Appetite and Weight Regulation: A Pilot Study,” **\$98,523**

Dr. Connie Weaver, Dr. Sisi Cao, Dr. Shirin Hooshmand, and Dr. Mark Kern

National Institute of Arthritis and Musculoskeletal and Skin Diseases: “International Symposium on Nutritional Aspects of Musculoskeletal Health,” **\$15,000**

Public Health

Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson

San Diego County Health and Human Services Agency: “Evaluation Support Services: Human Immunodeficiency Virus (HIV), Sexually Transmitted Diseases (STD), and Hepatitis Branch Services,” **\$34,240**

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?,” **\$182,978**

Dr. Corinne McDaniels-Davidson

Save a Life Foundation: “2023 Development of Professional Education Program for Primary Care Practitioners on Sudden Cardiac Arrest Prevention in Youth,” **\$8,250**

Dr. Erik Storholm

University of California at Los Angeles: “Addressing Intimate Partner Violence, Mental Health, and Other Syndemic Factors to Support Engagement in Human Immunodeficiency Virus (HIV) Prevention Services in a Trans Community Center,” **\$160,956**

Social Work

Dr. Adrienne Keeney

San Diego County Health and Human Services Agency: “Fostering Academic Success in Education Evaluation,” **\$11,000**

Dr. María Luisa Zúñiga and Dr. Mark Reed

National Cancer Institute: “SDSU FUERTE: Faculty United Towards Excellence in Research and Transformational Engagement,” **\$32,982**

Speech, Language, and Hearing Sciences

Dr. Karen Emmorey

National Science Foundation: “Collaborative Research: The Role of Perceptual and Word Identification Spans in Reading Efficiency: Evidence from Deaf and Hearing Adults – Supplement,” **\$74,829**

Communications

Dr. Lourdes Martinez

Indiana University: Pre-Exposure Prophylaxis (PrEP) Information on Social Media,” **\$49,317**

Dr. Rachael Record

California Tobacco-Related Disease Research Program: Thirdhand Smoke Research Consortium: Messaging for Priority Populations,” **\$30,000**

Biology

Dr. Sanford Bernstein

National Institute of General Medical Sciences: “Administrative Diversity Supplement to Genetics and Molecular Biology of Striated Muscle Myosin,” **\$25,896**; and “Genetics and Molecular Biology of Striated Muscle Myosin (MERIT extension application),” **\$487,076**

Dr. Richard Cripps

National Institute of General Medical Sciences: “Molecular Genetic Analysis of MEF2 Function in Drosophila,” **\$431,685**

Dr. Matthew Edwards

University of Southern California: “Research and Restoration of Giant Kelp at Catalina Island, Proof of Principle,” **\$14,291**

Dr. Svasti Haricharan

Burnham Institute for Medical Research: “A Role for DNA Repair Proteins in Regulating Cancer Cell Stemness and the Immune Microenvironment to Prevent Metastasis,” **\$21,671**

Dr. Carrie House

Vaxiion: “Efficacy, Immune Mechanism(s), and Pharmacokinetic/Biodistribution Properties of Vaxiion's Investigational Minicell Product Intended for use in Cancer,” **\$60,000**

Dr. Megan Jennings and Dr. Rebecca Lewison

U.S. Department of Commerce National Oceanic and Atmospheric Administration: “An Integrated Framework for Drought Response in Southern California's Natural Landscapes,” **\$257,039**

Dr. David Lipson, Dr. Nicholas Barber, Dr. Scott Kelley, and Dr. Xiaofeng Xu

National Science Foundation: “Collaborative Research: Linking Microbial Social Interactions within Soil Aggregate Communities to Ecosystem C, N, and P Cycling,” **\$982,308**

Dr. Robert Luallen

National Science Foundation: “CAREER: Examining Bacterial Filamentation as a Mechanism for Cell-to-cell Spreading in an Animal Host,” **\$198,963**

Chemistry and Biochemistry

Dr. Laura-Isobel McCall

National Institute of Allergy and Infectious Diseases: “Deciphering the Mechanism of Action of Carnitine, a Novel Treatment for Chronic Chagas Disease,” **\$291,099**

Dr. Christal Sohl

National Institute of General Medical Sciences: “Maximizing Access to Research Careers (MARC) at San Diego State University,” **\$513,907**

Computer Science

Dr. Kai Li

National Science Foundation: “Towards a Secure and Efficient Blockchain P2P Network with Client Diversity,” **\$174,927**

Mathematics and Statistics

Dr. Chris Rasmussen

National Science Foundation: “Making Upper Division Mathematics Courses More Relevant for Future High School Teachers: The Case of Inquiry-Oriented Dynamical Systems and Modeling,” **\$748,901**

Psychology

Dr. Elva Arredondo

Seattle Children's Hospital & Regional Medical Center: “InSPACE Consortium,” **\$9,030**

Dr. Kathleen Goggin

Children's Mercy Kansas City: “Diversity, Equity and Inclusion (DEI) in Pediatric Cancer Research Toolkit,” **\$40,409**; and “Enhancing Communication on Relationship Preservation, Safer Conception and PrEP to Promote Human Immunodeficiency Virus (HIV) Testing,” **\$39,764**

University of Kansas: “Implementing and Evaluating the Cancer Tracking System (CATSystem): A Systems Level Intervention to Improve Cervical Cancer Screening, Treatment Referral and Follow up in Kenya,” **\$20,694**

Dr. Keith Horvath

Florida International University: “Supporting Treatment Adherence for Resilience and Thriving (START),” **\$390,621**

Dr. Jennifer Thomas

National Institute on Alcohol Abuse and Alcoholism: “Fetal Alcohol Effects and Choline Intervention,” **\$320,579**



Ms. Trisha Richter

California HealthCare Foundation: “Health Care Policy Reporting 24-25,” **\$100,000**

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,” **\$43,766**

Mr. John McMillan

California Employment Development Department: “Southern Border Coalition - Catalyst Program,” **\$12,999,993**

INTERDISCIPLINARY PROGRAMS

Dr. Paul Gilbert and Dr. John Elder

University of California at San Diego: “San Diego Resource Center for Advancing Alzheimer's Research in Minority Seniors,” **\$67,060**