Awards Received
April 2022
Total: $7,080,143

COLLEGE OF ARTS & LETTERS
Office of the Dean

Dr. Christopher Brown and Dr. Mathias Schulze

Dr. Mathias Schulze

Anthropology

Dr. Seth Mallios
San Diego Gas and Electric Company: “Geographic Information System Data Maintenance Between SDG&E and SDSU Research Foundation,” $174,220

Dr. Erin Riley
National Science Foundation: “International Research Experiences for Students (IRES) Track 1: People, Primates, and Tropical Forests: Integrated Primatological and Ecological Research to Advance Human-Primate Coexistence and Ecosystem Health in Indonesia,” $299,833

Geography

Dr. Amy Quandt and Dr. Daniel Sousa
University of California at Santa Barbara: “Sustainable Agroecosystems: Harnessing Policy-Driven Land Use Change for the Sustainability, Productivity, and Vitality of Agroecosystems,” $130,131

Spanish and Portuguese Languages and Literatures

Dr. Ricardo Vasconcelos
Camoes Institute: “Support for Language Center,” $2,191

COLLEGE OF EDUCATION
Administration, Rehabilitation & Postsecondary Education

Dr. Meera Adya
California Department of Rehabilitation: “California Department of Rehabilitation's Pathways to Success Project (PSP),” $806,651
Dr. Mary Baker Ericzen

Dual Language and English Learner Education

Dr. Cristina Alfaro
California Association for Bilingual Education: “Multilingual California Project,” $30,000

Educational Leadership

Dr. Jose Escobedo

Teacher Education

Dr. Cynthia Park
University of California at San Diego: “Health Careers Opportunities Program/San Diego Regional Consortium,” $135,000

Dr. Nicholas Johnson and Dr. Melissa Soto
University of California Office of the President: “Learning from and with Young Children - Addressing Unfinished Learning in Early Childhood Mathematics Through Integrated Approaches to Formative Assessment,” $30,373

COLLEGE OF ENGINEERING

Aerospace Engineering

Dr. Pavel Popov
National Science Foundation: “Neural Network-Based Preconditioning of Adaptive Tabulation for Reactive Flow Applications,” $294,555

Dr. Satchi Venkataraman
California Space Grant Foundation: “Bioinspired Design of Vented Porous Structures for the Artemis Mission,” $15,000

Civil & Environmental Engineering

Dr. Hassan Tavakol-Davani
University of Southern California: “Enhancing the Resilience of Underserved Coastal Communities Against Compound Flooding,” $22,927

Electrical & Computer Engineering

Dr. Sunil Kumar

U.S. Department of Defense Office of Naval Research: “Agile Antenna for Troposcatter Communications,” $105,000

National Aeronautics and Space Administration: “5G Array for Lunar Relay Operations - Flight Test (FIGARO-FT),” $442,037

Mechanical Engineering

Dr. Subrata Bhattacharjee and Dr. Fletcher Miller
National Aeronautics and Space Administration: “Residence Time Driven Flame Spread: The Final Phase,” $75,000

Dr. Eugene Olevsky and Dr. Elisa Torresani
Cerion Nanomaterials: “Sintering of Carbide Powders,” $100,000

COLLEGE OF HEALTH & HUMAN SERVICES

Nursing

Dr. Roopali Gupta
The American Geriatrics Society: “Geriatrics Workforce Enhancement Program Support,” $1,000

Dr. Helina Hoyt and Dr. Karen Macauley
California Office of Statewide Health Planning and Development: “Building Capacity for a Bachelor's Prepared Nursing Workforce in Imperial County Through a Cross Enrollment Associate Degree RN (ADRN)- Bachelor of Science in Nursing Pathway at San Diego State University Imperial Valley (SDSU-IV),” $480,000

Public Health

Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson
Family Health Centers of San Diego: “Evaluation of the Community Harm Reduction Team,” $105,000

Multicultural Health Foundation: “Evaluator for Community Health Worker Communication and Outreach Services,” $10,000

San Diego County Health and Human Services Agency: “Evaluation Support Services: Human Immunodeficiency Virus, Sexually Transmitted Disease and Hepatitis Branch Services,” $72,240

Dr. Noe Crespo
University of California at San Diego: “Addressing Health Impacts of Adverse Childhood Experiences Through a Collaborative Precision Medicine Approach,” $7,000

Dr. Kristen Emory
California Tobacco-Related Disease Research Program: “Research and Advocacy Training in Conventional and Electronic Forms of Tobacco,” $179,381

Dr. Susan Kiene and Dr. Corinne McDaniels-Davidson
Duke University: “Communities Fighting COVID @Home,” $300,997
Dr. Corinne McDaniels-Davidson  
Save a Life Foundation: “Development of Professional Education Program for Primary Care Practitioners on Sudden Cardiac Arrest Prevention in Youth,” $12,250

University of California at San Diego: “Cancer Center Support Grants for National Cancer Institute Designated Cancer Center,” $103,440

Dr. Eyal Oren  
California Tobacco-Related Disease Research Program: “Smoke and Vape Free Latinx Scholars Program,” $108,700

Ms. Tanya Penn  
University of California at San Diego: “1/2 SDSU/UCSD Cancer Center Comprehensive Partnership,” $75,000

Dr. PJE Quintana  
California Tobacco-Related Disease Research Program: “Cornelius Hopper Supplement - Sergio Renteria,” $20,000

Dr. Elizabeth Reed  
Tulane University: “Promoting Color Brave Conversations in Families: A Public Health Strategy to Advance Racial Equity,” $67,809

Social Work

Ms. Silvia Barragan  
San Diego Unified School District: “College Avenue Compact - Wilson Middle School Students Advocates San Diego Unified School District,” $20,000

Ms. Lori Clarke and Mr. Steven Hornberger  
City of San Diego: “Age Friendly San Diego Action Plan Implementation,” $50,286

Mr. Steven Hornberger  

Speech, Language and Hearing Sciences

Dr. Katina Blumenfeld  
National Institute on Deafness/Other Communication Disorders: “Cognate Effects in Bilingual Adults With and Without a History of Developmental Language Disorder - Jonathan Robinson,” $516

Dr. Giang Pham  

Dr. Sonja Pruitt  
Alliance Healthcare Foundation: “College of Health and Human Services IPE Mobile Clinic,” $1,000
COLLEGE OF SCIENCES

Biology

Dr. Sanford Bernstein
National Institute of General Medical Sciences: “Genetics and Molecular Biology of Striated Muscle Myosin,” $603,601

Dr. Megan Jennings

Mr. Thomas Zink
San Diego River Conservancy: “Alvarado Creek Bed Fire Fuel Reduction,” $156,815

Chemistry & Biochemistry

Dr. Rees Garmann
National Institute of General Medical Sciences: “Mapping the Assembly Pathways for Viral Capsids by Direct Single-Particle Measurements,” $248,519

Dr. Manal Swairjo
University of Florida: “Study of Queuosine Salvage and Function in Eukaryotes; a Forgotten Micronutrient,” $108,720

Mathematics & Statistics

Dr. Kyle Hasenstab
University of Washington: “Signal Intensity Trajectories for Multi-Class Liver Segmentation,” $10,000

Physics

Dr. Calvin Johnson
General Atomics Corporation: “Quantum Emulation of Fusion of Light Nuclei,” $38,725

Psychology

Dr. Ralph Axel Mueller
National Institute of Mental Health: “Auditory Precursors of Language Delay in Toddlers with Autism Spectrum Disorders,” $584,915

Dr. Claire Murphy

Dr. Gregory Talavera
University of California at San Diego: “Mechanisms of Disparities in Adverse Neurocognitive Outcomes Among Hispanics Aging with Human Immunodeficiency Virus,” $4,806

Dr. Jennifer Thomas
National Institute on Alcohol Abuse and Alcoholism: “Fetal Alcohol Effects and Choline Intervention,” $330,942
Dr. Noe Crespo and Dr. Elisa Sobo
Johns Hopkins University: “The Community's Role in an Equitable and Effective COVID-19 Vaccine Rollout,”
$75,000