May 2023
Awards Received
Total: $16,867,598

SDSU College of Arts and Letters

Office of the Dean

Dr. Mathias Schulze and Dr. Christopher Brown

Geography

Dr. Thomas Herman
Ten Strands: “California Hub for Environmental Literacy and Action,” $4,875

Spanish and Portuguese Languages and Literatures

Dr. Ricardo Vasconcelos
Camoses Institute: “Support for SDSU Portuguese Program — Teaching and Research,” $27,342

SDSU College of Education

Administration, Rehabilitation, and Postsecondary Education

Dr. Mary Baker Ericzen

Dr. Maribel Guillermo
Chapman University: “Orange County Business Partner Intermediary Project,” $23,879

Texas Workforce Commission: “Training, Technical Assistance, and Credential Management for Vocational Rehabilitation Customized Employment,” $750,000

Dr. Toni Saia
California Department of Rehabilitation: “California Subminimum Wage to Competitive Integrated Employment Project,” $528,431


Dr. Caren Sax
Dr. Marissa Vasquez
Educational Testing Service: “Scholarship, Equity, & Mentorship via Intellectual Love & Leadership (SEMILLAS) Undergraduate Research Fellowship Program,” $25,000

Child and Family Development

Dr. Kelsey Dickson
National Institute of Mental Health: “Redesigning an Autism Evidence-Based Practice Implementation Toolkit for Middle and High Schools- Administrative Supplement,” $75,224

Educational Leadership

Dr. Ian Pumpian and Dr. Caren Sax
San Diego Regional Center for the Developmentally Disabled: “Creative Support Alternatives - Supported Living,” $1,377,332

Special Education

Dr. Laura Hall and Dr. Melina Melgarejo
State of California Commission on Teacher Credentialing: “Dual Credential Programs with Special Education,” $499,975

Teacher Education

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

Dr. Donna Ross
University of Oregon: “Western Regional Noyce Network,” $124,854

Aerospace Engineering

Dr. Ping Lu

Civil, Construction, and Environmental Engineering

Dr. Alicia Kinoshita
National Science Foundation: “CAREER: Coupling Post-fire Vegetation and Volumetric Sediment Regimes in Urban Mediterranean Systems,” $116,861
Dr. Hanyang Li  
California Air Resources Board: “Toxic-metal Aerosol Real-time Analyzer (TARTA) Improvements for Communities,” $68,131

Dr. Hassan Tavakol-Davani  
University of Southern California: “Enhancing the Resilience of Underserved Coastal Communities against Compound Flooding,” $45,278; and “Sea Grant Traineeship,” $28,653

Mr. Thomas Zink  

Electrical and Computer Engineering

Dr. Huu Nguyen  

Dr. Junfei Xie  

Mechanical Engineering

Dr. Eugene Olevsky  
University of California Office of the President: “2021-2022 Math, Engineering, Science Achievement (MESA) Engineering Program (MEP) - Natasha Celise,” $70,000; and “Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP) - Jeanette Espino,” $115,000; and “Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP) - Luis Topete,” $110,000

Dr. George Youssef  

Dr. Subrata Bhattacharjee and Dr. Fletcher Miller  
National Aeronautics and Space Administration: “Residence Time Driven Flame Spread: The Final Phase,” $83,500

Exercise and Nutritional Science

Dr. Jing Zhao  
Southern California Section Institute of Food Technologists: “Flavor Characterization of Novel Food Proteins,” $32,288
**Nursing**

**Dr. Roopali Gupta and Dr. Philip Greiner**  
Health Resources and Services Administration: “San Diego/Imperial Geriatric Education Center (SDIGEC): Expanding Geriatric Education in Primary Care,” $750,000; and “Skilled Nursing Facility Leadership Engagement and Support (SNFLES),” $47,500

**Dr. Helina Hoyt**  
Imperial Valley Wellness Foundation: “Learning Exchange on Health and Philanthropy Inequities,” $5,000

**Dr. Helina Hoyt, Dr. Beverly Carlson, and Dr. Michael Gates**  
California Accountable Communities for Health Initiative: “Imperial County Accountable Community for Health (ICACH),” $300,000

**Public Health**

**Dr. Elva Arredondo**  
National, Heart, Lung, and Blood Institute: “Enhancing Capacity in Faith-based Organizations to Implement and Sustain Multi-level Innovations to Improve Physical Activity,” $33,355

**Ms. Lisa Asmus**  
Family Health Centers of San Diego: “Human Immunodeficiency Virus (HIV) Prevention for Persons who Inject Drugs (PWID),” $70,000

**Dr. Lauren Brown**  

**Dr. Susan Kiene**  
California Department of Public Health: “Communities Fighting COVID! Test and Start (CBO: I Am Green),” $72,000

**Dr. Susan Kiene and Dr. Eyal Oren**  
California Department of Public Health: “Communities Fighting COVID! Test and Start (FBO: City of Hope International Church),” $80,000; and “Communities Fighting COVID! Test and Start (FBO: Encanto Southern Baptist Church),” $74,000

**Dr. Nicolas Lopez-Galvez**  
University of California at Davis: “Assessing Occupational Health Hazards of Migrant Farm Workers in a Large Cannabis Greenhouse Farm in Arizona,” $29,999

**Dr. Corinne McDaniels-Davidson**  
University of California at San Diego: “Cancer Center Support Grants (CCSG) for National Cancer Institute (NCI) Designated Cancer Center,” $17,175

**Dr. Eyal Oren**  
San Diego County Health and Human Services Agency: “COVID-19 Community Surveillance,” $25,000

**Dr. Emily Schmied**  
Leidos Inc.: “Patterns of Telebehavioral Healthcare Utilization among Active-Duty Service Members across the Military Healthcare System,” $99,695
Dr. Sabrina Smiley  
University of California at San Diego: “San Diego Resource Center for Advancing Alzheimer's Research in Minority Seniors (ARMS) - A Qualitative Study Designed to Explore the Experience of Social Isolation, Loneliness, and Cognitive Function among Older Black Individuals with Cocaine-Use Disorder,” **$35,811**

Dr. Miguel-Angel Zavala-Perez  
California Air Resources Board: “Imperial Valley Community-Focused Collaborative Research Plan,” **$46,625**

**Social Work**

Ms. Jennifer Tucker-Tatlow and Ms. Jennifer Baum  
California Department of Social Services: “California Department of Social Services (CDSS) Child Welfare Training 22-23,” **$470,833**

**Speech, Language, and Hearing Sciences**

Dr. Karen Emmorey  
University of California at San Diego: “Assessment of Language and Cognition in Older Deaf Signers,” **$306,006**

**Public Affairs**

Dr. Bruce Appleyard and Dr. Madison Swayne  
San Jose State University Foundation: “Right Turn on Red Study,” **$75,000**

**Biology**

Dr. Nicholas Barber  
The Nature Conservancy: “Ecological Confluences Suppressing Midwestern Oak Savanna Regeneration: Land Use History and Invasive Species (Fellowship - E. Becker),” **$6,000**

Dr. Sanford Bernstein  
National Institute of General Medical Sciences: “Administrative Diversity Supplement to Genetics and Molecular Biology of Striated Muscle Myosin,” **$77,688**

Dr. Brian Hentschel, Dr. Luke Miller, and Dr. Gena Sbeglia  
California Sea Grant College Program: “A Near-Peer Mentoring Cascade to Promote Inclusive Research Training at the Coastal and Marine Institute Laboratory,” **$75,000**

Dr. Scott Kelley  
University of California at San Diego: “Role of the Gut Microbiome in Polycystic Ovary Syndrome,” **$27,776**

Dr. Nicholas Shikuma  
National Institute of General Medical Sciences: “Examining a Unique Contractile Injection System Mediating Host-Microbe Interactions,” **$373,523**
National Science Foundation: “CAREER: Determining How Bacteria Stimulate Animal Metamorphosis,” $226,329

**Dr. Ricardo Zayas**
Burnham Institute for Medical Research: “A BRN3/POU4 Homolog is Required for Mechanosensory Neuron Regeneration in Planarians - M. Auwal,” $82,292

**Mr. Thomas Zink**
U.S. Department of Defense U.S. Navy: “Dune Restoration at Naval Base Coronado (NBC) and Pollinator Study at Naval Auxiliary Landing Field (NALF) San Clemente Island (SCI),” $27,280


**Chemistry and Biochemistry**

**Dr. Rees Garmann**
National Institute of General Medical Sciences: “Mapping the Assembly Pathways for Viral Capsids by Direct Single-Particle Measurements,” $248,389

**Dr. Gregory Holland**

**Dr. Christal Sohl**
National Institute of General Medical Sciences: “Maximizing Access to Research Careers (MARC) at San Diego State University,” $64,238

**Dr. Yong Yan**
National Institute of General Medical Sciences: “Light-Induced Atroposelective N-Heterocyclization via Chiral Perovskite Nanocrystals,” $376,250

**Computer Science**

**Dr. Marie Roch**

**Geological Science**

**Dr. Jillian Maloney**
University of Nevada Desert Research Institute: “Archaeological Research in Willamette Valley,” $74,455

**Mathematics and Statistics**

**Dr. Antonio Palacios**

**Dr. William Zahner**
Sweetwater Union High School District: “Mathematics Professional Development for SEI Teachers,” $41,730
Psychology

Dr. Elva Arredondo
The San Diego Foundation: “An In-Person Pilot of a Conmigo: A Mother-Daughter Health Program for Pre-adolescent Latinas,” $22,967

Dr. Thereasa Cronan
National Institute on Aging: “SDSU Advancing Diversity in Aging Research (ADAR) Program,” $405,000

Dr. Edward Riley
National Institute on Alcohol Abuse and Alcoholism: “Administrative Resource of the Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD),” $515,415

Dr. Jennifer Thomas
National Institute on Alcohol Abuse and Alcoholism: “Fetal Alcohol Spectrum Disorders Study Group Annual Meeting,” $24,925

Management Information Systems

Dr. Luwen Huangfu

Marketing

Dr. Iana Castro
The San Diego Foundation: “Increasing Access to Locally-Grown Produce in San Diego Communities,” $249,952

Student Affairs and Campus Diversity

Dr. Erica Aros
California Department of Rehabilitation: “San Diego State University WorkAbility IV,” $110,400

Division of Research and Innovation

Dr. John Crockett
INTERDISCIPLINARY PROGRAMS

Dr. Marina Kalyuzhnaya, Dr. Christine Dykstra, and Dr. John Love
U.S. Department of Defense Air Force Research Laboratory: “Harnessing Methanotrophic Bacteria for REGAlN: Rare Earth Element Gleaning from Alkaline Tailings,” $1,106,822