October 2022
Awards Received
Total: $15,497,053

Office of the Dean

Dr. Mathias Schulze and Dr. Christopher Brown


Geography

Dr. Thomas Herman
South Bay Community Services: “Evaluation of First 5 Targeted Home Visiting Program for South Bay Community Services,” $57,000

Dr. Hilary McMillan
University of California at San Diego: “Hydrologic Model Evaluation in Forecast Informed Reservoir Operations (FIRO) 2,” $75,233

Dr. Sergio Rey
National Science Foundation: “Comparative Regional Inequality Dynamics: Multiscalar and Multinational Perspectives,” $94,199

Administration, Rehabilitation, and Postsecondary Education

Dr. Meera Adya
California Department of Rehabilitation: “California Department of Rehabilitation's Pathway to Success (PSP),” $611,681

Dr. Mary Baker Ericzen
Vanderbilt University: “Community Driven Artificial Intelligence to Advance Neurodiversity and Employment,” $10,087

Dr. Maribel Guillermo
Idaho Division of Vocational Rehabilitation: “Comprehensive Statewide Needs Assessment 2023,” $63,000

Dr. Caren Sax
Counseling and School Psychology

Dr. Laura Owen
Price Philanthropies Foundation: “College Access Compact,” $85,531

Dr. Carol Robinson-Zanartu and Dr. Katheryne Leigh
U.S. Department of Education Office of Special Education/Rehabilitation Services: “Supporting High-Intensity Mental Health Needs of Native and Indigenous Youth: School Psychologist and Counselor Advanced Preparation (SHPA),” $250,000

Dual Language and English Learner Education

Dr. Saul Maldonado
University of California at Santa Cruz: “Secondary English Learner Science, Technology, Engineering, and Mathematics (STEM) Content Access,” $40,786

Civil, Construction, and Environmental Engineering

Dr. Hanyang Li
California State University Sacramento: “Sacramento Environmental Justice Community Air Monitoring Project,” $9,010
University of California at Davis: “Toxic-metal Aerosol Real-time Analyzer (TARTA)-XACT Comparison,” $13,955

Dr. Hassan Tavakol-Davani
University of Southern California: “Enhancing the Resilience of Underserved Coastal Communities Against Compound Flooding,” $31,507

Dr. Dongye Zhao

Electrical and Computer Engineering

Dr. Chunting Mi

Mechanical Engineering

Dr. Asfaw Beyene and Dr. Joaquin Camacho
Dr. Shawn O'Connor
Guardian Brace, Inc.: “Quadriceps Muscle Adaptations in Knee Osteoarthritis (OA) Patients When Wearing a Rehabilitation Knee Brace,” $14,853

Dr. Connie Weaver
National Dairy Council: “Racial/Ethnic Differences in Calcium Metabolism in Response to Dietary Sodium,” $235,590

Public Health

Dr. Noe Crespo
University of California at San Diego: “Cancer Control Program Co-Lead,” $6,803; and “SDSU Research Engagement Director - Discretionary Funding,” $20,000

Dr. Guadalupe Ayala and Dr. Helina Hoyt
National Center on Minority Health and Health Disparities: “Imperial County Clinical Research Network for Health Equity,” $1,326,085

Dr. Eunha Hoh
University of Texas Health Science Center at Houston: “The Impact of Thirdhand Tobacco Smoke Exposure on Infant Gut Microbiome Development,” $16,770

Dr. Corinne McDaniels-Davidson
California Department of Public Health: “Women, Infants, and Children,” $7,140,127

Dr. Karilyn Sant
University of California at San Francisco: “Environmental Toxicity of Electronic Cigarette and Heated Tobacco Product Components and Waste,” $196,983

Social Work

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,” $59,000

Ms. Silvia Barragan and Mr. Paul Brazzel
San Diego Unified School District: “Project RISE UP,” $20,000

Mr. Steven Hornberger
Government Training Agency: “Care Coordination (BHS Revised Curriculum),” $83,333

Dr. Eunjeong Ko
Dr. Jon Won Min  
Vista Hill Foundation: “Mentored Internship Programs (MIPS) with Vista Hill,” $28,800

**Speech, Language, and Hearing Sciences**

Dr. Ashley Adams  
University of California at Irvine: “Developing A2I Spanish Adaptive Progress Monitoring Assessments for Pre-kindergarten - Third Grade,” $206,525

Dr. Laura Coco  
U.S. Department of Veteran Affairs: “Rural Veterans’ Access to Hearing Healthcare,” $72,480

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**SDSU College of Professional Studies and Fine Arts**

**Art and Design**

Professor Annie Buckley  
California Department of Corrections: “Prison Arts Collective: Facilitator Training Program,” $73,083

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**SDSU College of Sciences**

**Astronomy**

Dr. William Welsh and Dr. Jerome Orosz  
SETI Institute: “Comprehensive Analysis of Period Changes in Eclipsing Binaries as a Probe of Stellar Astrophysics,” $291,866

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**Biology**

Dr. Megan Jennings and Dr. Rebecca Lewison  

Dr. Scott Kelley  

Dr. Luke Miller  
University of Michigan: “Habitat Heartbeats: Incorporating Bivalve Biosensors into Estuary Monitoring Infrastructure to Inform Water Quality Monitoring and Management Decisions,” $199,858

Dr. Forest Rohwer  
Chemistry and Biochemistry

Dr. Jeffrey Gustafson and Dr. Douglas Grotjahn
University of Utah: “National Science Foundation Center for Synthetic Organic Electrochemistry,” $125,810

Dr. Christopher Harrison
National Aeronautics and Space Administration: “Identification and Detection of Chemical Traces of Past Life in Planetary Rocks,” $55,000

Computer Science

Dr. Marie Roch

Physics

Dr. Calvin Johnson
University of Wisconsin-Madison: “Quantum Computing for Nuclear Matrix Elements for Tests of Fundamental Symmetries,” $73,393

Psychology

Dr. Jonathan Helm
University of California at San Diego: “Brain Aging and Cognition in Epilepsy (BRACE): A Longitudinal Investigation of Vascular, Genetic, and Biomarker Risk Profiles in Elderly Patients with Epilepsy,” $12,544

Dr. Gregory Talavera
University of California at San Diego: “Activity Levels, Myosteatosis and Insulin Resistance/Diabetes Mellitus View Text,” $102,695

Dr. Kristen Wells
Moffitt Cancer Center: “A Stepped-Care Psychosocial Intervention for Brain Tumor Family Caregivers,” $14,735

Accountancy

Dr. Amanda Marino
Mr. Jerry Sheehan
University of California at San Diego: “CyberTraining: CI Professionals (CIP): Training and Developing a Research Computing and Data CI Professionals (RCD-CIP) Community,” $1,175,479

Dr. Suzanna Fuentes-Ferreiro
Imperial County Department of Social Services: “Computer and Employment Empowerment Training,” $373,657

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,” $7,459

Dr. Emilio Ulloa
U.S. Department of Education Office of Postsecondary Education: “SDSU IV Building Bridges between Community and Careers: A New Type of Hispanic Serving Institution (HSI),” $516,890

INTERDISCIPLINARY PROGRAMS

Dr. Megan Jennings and Dr. Douglas Stow