

**October 2023**

**Awards Received**

**Total: \$26,338,016**



**Office of the Dean**

**Dr. Mathias Schulze and Dr. Christopher Brown**

Institute of International Education: "Language Training Center Defense Language Institute Foreign Language Center (DLIFLC) Special Initiative," **\$312,978**

**Geography**

**Dr. Thomas Herman**

South Bay Community Services (SBCS) Corporation: "South Region Evaluation: First 5-Healthy Development Services for Children," **\$77,677**

**Dr. Daniel Sousa**

National Aeronautics and Space Administration: "Reducing Human Health Risk and Exposure to Wastewater Spills in Coastal Environments," **\$62,496**



**Administration, Rehabilitation, and Postsecondary Education**

**Dr. Mary Baker Ericzen**

Vanderbilt University: "Pilot Implementation of Community Informed AI-Based Driving Training System for Advanced Neurodiverse Independence and Employment," **\$262,951**

**Dr. Charles Degeneffe and Dr. Mark Tucker**

U.S. Department of Education Office of Special Education/Rehabilitation Services: "Rehabilitation Counseling in the Pacific," **\$199,999**

**Dr. Maribel Guillermo and Dr. Mark Tucker**

U.S. Department of Education Office of Special Education/Rehabilitation Services: "Rehabilitation Improvements in Services and Employment for Underserved Populations (RISE-UP)," **\$87,119**

**Dr. Toni Saia**

California Department of Rehabilitation: "California Subminimum Wage to Competitive Integrated Employment Project," **\$495,889**

U.S. Department of Education Office of Special Education/Rehabilitation Services: "Rehabilitation Services Administration," **\$149,991**

**Dr. Caren Sax**

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Rehabilitation Long-Term Training Program - Vocational Rehabilitation Counseling: Collaboration for Excellence,” **\$73,724**; and “Vocational Rehabilitation Technical Assistance Center for Quality Management (VRTAC-QM),” **\$4,283,508**

San Diego County Office of Education: “East County - High-Quality Individualized Education Programs (IEPs) 23/24,” **\$50,000**

**Child and Family Development**

**Dr. Lisa Linder**

San Diego Unified School District: “Mental Health Resources Center (MHRC) Non-Medical Mental Health Services (MHS),” **\$360,000**

**Dual Language and English Learner Education**

**Dr. Saul Maldonado**

California State University Sonoma: “Biliteracy and Content Area Integrated Preparation (BCAIP),” **\$18,429**

**Educational Leadership**

**Dr. Jose Escobedo**

Johnson Elementary School: “National Center for Urban School Transformation (NCUST): Executive Coach Support for Johnson Elementary 2023,” **\$3,000**

Washington Unified School District: “National Center for Urban School Transformation (NCUST): Equity and Excellence Audit - Washington USD 2023-2024,” **\$260,000**

**Special Education**

**Dr. Laura Hall, Dr. Kelsey Dickson, and Dr. Bonnie Kraemer**

University of North Carolina-Chapel Hill: “Project EXPRESS: EXamining Intervention to PRomote Executive Function and Social Skills,” **\$311,222**

**Dr. Jessica Suhrheinrich**

U.S. Department of Education Institute of Education Sciences: “The Development of an Empirically based Adaptation and Training Model for Intervention Scale Up of Classroom Pivotal Response Teaching (CPRT),” **\$262,897**

**Dr. Yasemin Turan-Qian and Dr. Melina Melgarejo**

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Project PERSPECTIVES - PrEparing ReSPonsive Early Childhood Teachers and Early InterVentionists using Evidence-based Strategies,” **\$249,957**

**Teacher Education**

**Dr. Nicholas Johnson**

University of California Office of the President: “San Diego Mathematics Project,” **\$24,000**

**Aerospace Engineering**

**Dr. Jun Chen**

National Aeronautics and Space Administration (NASA) Office of Stem Engagement: “Safety Verification with Data-driven Uncertainty,” **\$50,000**

**Dr. Satchi Venkataraman**

California Space Grant Foundation: “Ant Nest Inspired Biomimetic Functionally Graded Metamaterials and Subterranean Lunar Habitats for the Artemis Mission,” **\$15,000**

**Dr. Qi Wang**

National Science Foundation: “Towards Efficient State Estimation in Wall-bounded Flows: Hierarchical Adjoint Data Assimilation,” **\$259,701**

**Civil, Construction, and Environmental Engineering**

**Mr. Thomas Zink**

U.S. Department of Defense U.S. Navy: “Botany Management Program at Naval Auxiliary Landing Field San Clemente Island, California - MOD PO0005,” **\$42,054**

**Mechanical Engineering**

**Dr. John Abraham**

National Aeronautics and Space Administration: “National Aeronautics and Space Administration (NASA) Lunabotics Competition Award,” **\$5,000**

**Exercise and Nutritional Sciences**

**Dr. Jing Zhao and Dr. Changqi Liu**

California State University Los Angeles: “e-FARMS: Education Reform in Food and Agriculture Using Reactive Molecular Simulations and Science Pedagogy,” **\$35,447**

**Nursing**

**Dr. Karen Macauley and Dr. Helina Hoyt**

Health Resources and Services Administration: “Imperial County Acute Care Nursing Workforce Project,” **\$305,423**

## Public Health

### **Ms. Lisa Asmus**

Family Health Centers of San Diego: “Family Health Centers of San Diego (FHCS) Project Cornerstone Evaluation,” **\$62,500**; and “MAI: Substance Use Disorder Treatment for Racial/Ethnic Minority Populations at High Risk for Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Syndrome (AIDS),” **\$15,000**

### **Dr. Jennifer Felner and Dr. Jerel Calzo**

San Diego Youth and Community Services: “Human Trafficking Prevention Program Evaluation,” **\$5,998**

### **Dr. Eunha Hoh and Dr. Nathan Dodder**

Scripps Institution of Oceanography: “The Health of Marine Ecosystem of the Southern California Bight Associated with Offshore Southern California Dichlorodiphenyltrichloroethane (DDT)+ Dumping,” **\$128,497**

### **Dr. Nicolas Lopez-Galvez**

California Breast Cancer Research Program: “Assessing Environmental and Socio-structural Factors Influencing Breast Cancer Prevention among Latina Farmworkers in Imperial Valley,” **\$167,461**

University of California Office of the President (UCOP) Research Grants Program Office: “Community Engagement-Hero Supplement,” **\$9,990**

### **Dr. Corinne McDaniels-Davidson**

California Department of Public Health: “Women, Infants, and Children,” **\$7,272,178**

### **Dr. Elizabeth Reed**

University of California at San Diego: “An mhealth-enabled Intervention to Prevent Partner Violence and Pregnancy among Girls,” **\$34,570**

### **Dr. Karilyn Sant**

University of California at San Francisco: “Environmental Toxicity of Electronic Cigarette and Heated Tobacco Product Components and Waste,” **\$185,804**

### **Dr. Sabrina Smiley**

National Institute on Drug Abuse: “Racial Equity in Systems to Treat Opioid Use Disorder for Everyone (RESTORE): A Pilot Randomized Controlled Trial,” **\$1,053,500**

## Social Work

### **Mr. Steven Hornberger and Ms. Lori Clarke**

San Diego State University: “Wellness System Consultation and Capacity Building FY 2023-24,” **\$641,896**

### **Ms. Jennifer Tucker-Tatlow**

Government Training Agency: “County of San Diego Health and Human Services (HHS) Behavioral Health Services (BHS) Contract 2023,” **\$250,000**

### **Ms. Jennifer Tucker-Tatlow and Ms. Jennifer Baum**

Imperial County Department of Social Services: “Imperial Coaching & Training 23/24,” **\$79,570**

## Speech, Language, and Hearing Sciences

### **Dr. Ashley Adams**

University of California at Irvine: “Developing A2I Spanish Adaptive Progress Monitoring Assessments for PK-3RD Grade,” **\$215,180**; and “Personalizing Literacy Instruction for English Learners,” **\$23,719**

### **Dr. Alyson Mills**

Texas Christian University: “Preparing Speech-Language Pathologist (SLP) Leaders at the Intersection of Research and Practice in CSD and Special Education to Advance the Next Generation of School Speech-Language Pathologists (SLPs) (Project INTERSECT),” **\$246,776**



## Music and Dance

### **Dr. Chuyun Oh**

Korean American Communication Association (KACA): “National Communication Association (NCA) Keynote Speech,” **\$500**



## Office of the Dean

### **Dr. Estralita Martin**

California State University (CSU) Sacramento University Enterprises Inc.: “California State University Louis Stokes Science, Technology, Engineering, and Mathematics (STEM) Pathways and Research Alliance (CSU-LSAMP) NSF,” **\$15,000**; and “California State University Louis Stokes Science, Technology, Engineering, and Mathematics (STEM) Pathways and Research Alliance (CSU-LSAMP) Senior Alliance,” **\$25,000**

### **Dr. Jeffrey Roberts**

Government of Georgia: “Graduate Award for SDSU-Georgia Chemistry Program,” **\$43,750**

### **Dr. Patrick Shoemaker**

U.S. Department of Defense Air Force Office of Scientific Research: “Integrative Model of Dynamic Facilitation in Insect Vision,” **\$65,105**

### **Dr. Bing Zhu and Dr. Jose Castillo**

The Henry Ford: “Web Archiving Service,” **\$12,108**

## Biology

### **Dr. Matthew Edwards**

San Diego Unified Port District: “Positive Species Interactions: Measuring Effects on Eelgrass Growth and Restoration,” **\$104,820**

### **Dr. Marina Kalyuzhnaya**

PharmaIN Corporation: “C1 SmartBiomes: Performance and Scale-Up,” **\$331,186**

**Dr. Marina Kalyuzhnaya and Dr. Elizabeth Waters**

U.S. Department of Energy Office of Science: “BER-RENEW iSAVE: New Energy Sciences Workforce to Advance Innovations in Sustainable Arid Vegetation,” **\$237,682**

**Dr. Jeremy Long**

U.S. Department of Defense U.S. Navy: “Studying the Impacts of Non-native Species on Native Marine Invertebrates in Support of Black Abalone on San Nicolas Island,” **\$36,444**

**Dr. Luke Miller**

University of Michigan: “Habitat Heartbeats: Incorporating Bivalve Biosensors into Estuary Monitoring Infrastructure to Inform Water Quality Monitoring and Management Decisions,” **\$195,603**

**Dr. Nancy Zuniga Pena**

National Aeronautics and Space Administration (NASA) Office of Stem Engagement: “Better Space Parties with Algae-Enriched Guacamole,” **\$50,000**

**Chemistry and Biochemistry**

**Dr. Douglas Grotjahn**

U.S. Department of Energy Office of Science: “Improving and Measuring Water Oxidation Catalyst Viability,” **\$187,908**

**Dr. Gregory Holland**

U.S. Department of Defense Air Force Office of Scientific Research: “Elucidating the Intrinsically Disordered State, Supramolecular Assembly and Protein Condensates in Natural Materials Formation,” **\$799,901**

**Dr. Yong Yan and Dr. Jing Gu**

Alliance for Sustainable Energy LLC: “Center for Hybrid Organic-Inorganic Semiconductors for Energy (CHOISE),” **\$115,000**

**Computer Science**

**Dr. Marie Roch and Dr. Xiaobai Liu**

U.S. Department of Defense Office of Naval Research: “Machine Learning Detection of Cetacean Tonal Calls Without Human Annotations,” **\$151,715**

**Geological Science**

**Dr. Jillian Maloney**

Oregon State University: “Archaeological Investigation of Washington Continental Shelf,” **\$46,809**

**Dr. Kim Olsen**

University of Southern California: “CyberShake Study 22.12,” **\$35,000**

**Mathematics and Statistics**

**Dr. Richard Levine, Dr. Kyle Hasenstab, and Dr. Henry Scharf**

University of California at Santa Barbara: “Southern California Consortium for Data Science,” **\$34,180**

**Dr. Mary Pilgrim**

National Science Foundation: “Collaborative Research: Mathematics Graduate Teaching Assistant Professional Development Focused on Engaged Learning, Inclusive Teaching, and Equity (ELITE PD) – Supplement,” **\$161,074**

**Dr. Samuel Shen**

National Science Foundation: “AI2ES Expansion on 4D Space-time Organization of Geophysical Processes, Visualization Tools, and Workforce Development,” **\$252,656**

**Psychology**

**Dr. Elva Arredondo**

Baylor School of Medicine: “Efficacy Trial of a Program for Weight Loss for Hispanic Fathers and Increased Physical Activity for their Children: 'Healthy Dads, Healthy Kids',” **\$17,741**

RAND Corporation: “Linking Churches with Parks to Increase Physical Activity among Latinos,” **\$24,682**

**Dr. Linda Gallo**

Albert Einstein College of Medicine: “New York Regional Center for Diabetes Translation Research,” **\$63,783**

Children's Mercy Kansas City: “Characterization of Sedentary Patterns and Cardiovascular Disease Risk Markers in Hispanics/Latinos,” **\$60,637**

**Dr. Georg Matt**

California Tobacco-Related Disease Research Program: “Tobacco Policy Research Center for Tobacco and the Environment,” **\$1,036,863**

**Dr. Jessica McCurley**

Massachusetts General Hospital: “Impact of Medicaid Accountable Care Organizations (ACO) Funding for Health-related Social Needs on Dietary Quality and Health,” **\$15,468**

**Dr. Scott Roesch**

University of California at San Diego: “CRC-HUB-SPOKE: A ColoRectal Cancer Screening Hub for Southern California Community Health Centers,” **\$68,180**

**Dr. Dustin Thoman**

National Science Foundation: “Project CURE: Postdoctoral Scholar Funding Supplement,” **\$127,248**

**Dr. Kristen Wells**

Moffitt Cancer Center: “A Stepped-Care Psychosocial Intervention for Brain Tumor Family Caregivers,” **\$15,634**



**Management**

**Dr. Martina Musteen**

U.S. Department of Education Office of Postsecondary Education: “Center for International Business Education & Research (SDSU CIBER),” **\$319,821**



**Ms. Trisha Richter**

City of San Diego Commission for Arts and Culture: “One Book, One San Diego,” **\$21,985**



**Mr. Luis Hernandez**

City of San Diego: “Food, Water and Energy Nexus at Imperial Valley,” **\$140,502**



**Ms. Margaret Henderson**

Oakridge Associated Universities: “All of Us Data Training and Engagement through SDSU Library,” **\$44,500**



**Ms. Natasha Bliss**

The Conrad Prebys Foundation: “Increase the Youth Behavioral Health Workforce Capacity,” **\$1,244,400**

**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,” **\$32,991**; “Benthic Microbial Fuel Cell and Hydrokinetic Switching Electronics Study,” **\$186,841**; “Development of New Microbial Fuel Cell Technologies,” **\$183,159**; and “Navy Region SW and NW Site Toxicology and Chemistry,” **\$108,905**

**INTERDISCIPLINARY PROGRAMS**

**Dr. Sonja Pruitt, Dr. Carol Robinson-Zanartu, and Dr. Patricia Sanchez Lizardi**

U.S. Department of Education Office of Special Education/Rehabilitation Services: “PUEDE2: Interdisciplinary Collaboration to Enhance Outcomes for High Needs MLs,” **\$250,000**

**Dr. Guadalupe Ayala and Dr. Kristen Wells**

National Institute on Minority Health and Health Disparities: “SDSU HealthLINK Center: Low-Cost Extension Administrative Supplement,” **\$447,134**

**Dr. Kristen Wells and Dr. Susan Kiene**

University of California at Los Angeles: “Share, Trust, Organize, Partner: The COVID-19 California Alliance (STOP COVID-19 CA) - Phase 3,” **\$375,000**