

Awards Received

April 2022

Total: \$7,080,143

COLLEGE OF ARTS & LETTERS

Office of the Dean

Dr. Christopher Brown and Dr. Mathias Schulze

U.S. Department of Defense: "*Levantine Language Immersion*," **\$96,229**

Dr. Mathias Schulze

MultiLingual Solutions, Inc.: "*Defense Language and National Security Education Office (DLNSEO) Request for Task Order (RTOP) 2 Response - Portuguese-Brazilian*," **\$27,778**

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

Camoos 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

Portland State University: *“Measuring Health, Function, and Social Well-being in Adults on the Autism Spectrum,”* **\$94,422**

Dual Language and English Learner Education

Dr. Cristina Alfaro

California Association for Bilingual Education: *“Multilingual California Project,”* **\$30,000**

Educational Leadership

Dr. Jose Escobedo

San Marcos Consolidated Independent School District (ISD): *“National Center for Urban School Transformation (NCUST): Equity and Excellence Audit at San Marcos Consolidated School District 2022,”* **\$120,000**

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 Air Force Research Laboratory: *“Mobility-Adaptive Cross-Layer Protocols for Airborne Networks with Single-/Multi-Beam Directional Antennas,”* **\$16,666**

PAR Government Systems Corporation: “*Novel Adaptive Multicast Routing in Directional Airborne Networks,*”
\$24,996

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

San Diego Workforce Partnership Inc: *“Community Care Coordinator Certificate Program,”* **\$30,493**

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

University of Colorado Boulder: *“Identifying Bilingual Children at Risk for Language Impairment: Evidence from a Response-Speed Judgment Task,”* **\$3,450**

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

U.S. Department of the Interior United States Geological Survey: “*Intergovernmental Personnel Agreement with the Southwest Climate Adaptation Science Center/U.S. Geological Survey,*” **\$168,928**

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

National Institute on Aging: “*Olfactory and Visual Dysfunction as Potential Predictors of Preclinical Alzheimer's Disease,*” **\$57,601**

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**

INTERDISCIPLINARY PROGRAMS

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