

Awards Received

May 2022

Total: \$7,844,798

COLLEGE OF ARTS & LETTERS

Office of the Dean

Dr. Christopher Brown and Dr. Mathias Schulze

MultiLingual Solutions, Inc.: “*Defense Language and National Security Education Office Request for Task Order 3 Response – Portuguese,*” **\$28,000**; “*Defense Language and National Security Education Office Request for Task Order 3 Response – Russian,*” **\$28,000**

U.S. Department of Defense: “*Persian-Farsi Language Training,*” **\$81,004**

U.S. Department of Defense National Security Agency: “*SDSU STARTALK Student Program,*” **\$124,989**

History

Dr. James Wiese

Palacky University: “*Urbanism and Suburbanization in the EU Countries and Abroad: Reflection in the Humanities, Social Sciences, and the Arts,*” **\$62,695**

Sociology

Dr. Audrey Beck and Dr. Sheldon Zhang

New York University: “*San Diego Human Trafficking Prevention Collective Evaluation,*” **\$10,719**

COLLEGE OF EDUCATION

Administration, Rehabilitation & Postsecondary Education

Dr. Caren Sax

WestEd Center for Prevention & Early Intervention: “*Early Start Outreach Work Group,*” **\$2,500**

Child & Family Development

Dr. Sarah Garrity

The Chicano Federation: “*STEPS Barrio Logan Year 2,*” **\$15,000**

Counseling & School Psychology

Dr. Laura Owen

Siemens Foundation: “*Building Social Capital Equity in Science, Technology, Engineering, and Math Pathways,*” **\$100,000**

The San Diego Foundation: *“Hoover High School Resource Fair,”* **\$17,000**

Dual Language and English Learner Education

Dr. Alberto Esquinca

University of Texas San Antonio: *“Research: Asset-based Practices in Engineering Design: Formation of Engineers Through a Funds of Knowledge Approach,”* **\$23,284**

Teacher Education

Dr. Lisa Lamb

Cajon Valley Union School District: *“Leadership Cohort,”* **\$43,200**

Dr. Estella Chizhik and Dr. Laura Hall

Texas Tech University: *“3D Ed Prep 4 All,”* **\$9,000**

COLLEGE OF ENGINEERING

Office of the Dean

Dr. Eugene Olevsky

University of California Office of the President: *“Support Student Academic Preparation and Educational Partnership One-time Funds - MESA - Natasha Celise,”* **\$26,696**; *“Support Student Academic Preparation and Educational Partnership One-time Funding 2021 - Jeanette Ramos-Espino,”* **\$42,267**; *“Support Student Academic Preparation and Educational Partnership One-time Funding 2021 - Luis Topete,”* **\$17,106**

Civil & Environmental Engineering

Dr. Robert Dowell and Dr. Julio Valdes

General Dynamics NASSCO: *“Fatigue Testing of Full-Scale Swage Panels for Ships,”* **\$74,708**

Dr. Marta Miletic and Dr. Mahasweta Sarkar

The San Diego Foundation: *“Sustainable Leadership Academy: Exposing Girls and Underrepresented Students to Science, Technology, Engineering, and Math Careers,”* **\$143,326**

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,”* **\$49,998**

Mechanical Engineering

Dr. Zahra Nili Ahmadabadi

U.S. Department of Defense Air Force Research Laboratory: *“An Acoustic Modeling System for Physics-guided Machine Learning: Enabling Acoustic Detection and Tracking of Targets in Adversarial Environments,”* **\$25,000**

Dr. Sung-Yong Park

National Science Foundation: *“Optofluidic Solar Indoor Lighting Towards Sustainable Buildings,”* **\$92,214**

COLLEGE OF HEALTH & HUMAN SERVICES

Exercise & Nutritional Science

Dr. Katrina Maluf

National Institute of Child Health and Human Development: *“Role of Patient-provider Communication on Clinical Outcomes of Rehabilitation for Chronic Spine Pain,”* **\$717**

Dr. Amanda McClain

Tufts University: *“Capturing the Latinx Food Insecurity Experience: Perceptions and Interpretations of the Household Food Security Module Among Low-income Latino/a Caregiver,”* **\$10,726**

Public Health

Dr. Stephanie Brodine

Indian Health Council: *“Native American Research Centers for Health II Administrative Core,”* **\$3,153**

Dr. Noe Crespo

National Center on Minority Health and Health Disparities: *“Tailored Behavioral Intervention to Prevent Household and Community Spread of COVID-19 Among Latinos,”* **\$635,198**

Dr. Eunha Hoh and Dr. PJE Quintana

California Tobacco-Related Disease Research Program: *“Measuring and Reducing Exposure to Thirdhand Smoke,”* **\$301,000**

Dr. PJE Quintana

California Tobacco-Related Disease Research Program: *“Cornelius Hopper Diversity Supplement - Laila Hamzai,”* **\$20,000**

Dr. Paula Stigler Granados

Centers for Disease Control and Prevention: *“Reducing the Burden of Parasitic Infections in the United States Through Evidence-based Prevention and Control Activities,”* **\$158,361**

Social Work

Ms. Lori Clarke and Mr. Steven Hornberger

Ventura County: *“Ventura Family First Prevention Services Act Prep,”* **\$176,500**

Dr. Eileen Pitpitan

National Institute on Drug Abuse: *“Estimating Mediation and Moderation Effects in Human Immunodeficiency Virus Incidence Prevention Trials,”* **\$483,628**

University of California at San Diego: *“NEXUS: A Novel Social Network Approach to Intersectional Stigma,”* **\$15,408**

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,”* **\$46,753**

Dr. Tracy Love-Geffen

National Institute on Deafness/Other Communication Disorders: *“Biomarkers of Developmental Language Disorder and Their Relationship to Language Impairment - N. Abbott,” \$717*; *“Neurocognitive Approaches to Communication Disorders- Administrative Supplement,” \$123,970*

COLLEGE OF PROFESSIONAL STUDIES & FINE ARTS

Art Design & History

Ms. Annie Buckley

Santa Monica Community College District: *“Prison Arts Collective Exhibition,” \$8,000*

Communication

Dr. Rachael Record

California Tobacco-Related Disease Research Program: *“Testing Persuasive Anti-Tobacco Messages for California’s Tobacco Endgame Among Diverse and Underserved Communities,” \$235,197*

University of Southern California: *“Should Hashtags be Part of Tobacco Marketing Regulations?: The Exploration of Hashtag Use in E-cigarette Marketing,” \$16,200*

Music & Dance

Dr. Kevin Delgado

California State University San Bernardino: *“Southern Counties California Arts Project,” \$100,000*

COLLEGE OF SCIENCES

Biology

Dr. Ted Cranford

U.S. Department of Defense Office of Naval Research: *“Investigating Bone-conduction as a Pathway for Mysticete Hearing,” \$117,164*

Dr. Carrie House

Rivkin Center: *“Role of Macrophages in the Development of Drug-Resistant Cancer Stem Cells Following Chemotherapy,” \$30,000*

Dr. Dwayne Roach

CFD Research: *“Flexible Microfluidic Process Technology for Biopharmaceutical Purification of Bacteriophages,” \$75,000*

Dr. Nicholas Shikuma

U.S. Department of Defense Office of Naval Research: *“Gut Bacteria Injection Systems Mediating Human-Microbe Interactions,” \$100,000*

Dr. Xiaofeng Xu

UT-Battelle LLC: *“Data Model Integration for Methane (CH₄) at the S1 Bog and CH₄ Module Incorporation into the Energy Exascale Earth System Model,” \$43,488*

Chemistry & Biochemistry

Dr. Manal Swairjo

National Institute of General Medical Sciences: “*RNA Modification: Mechanism and Links to Other Metabolic Pathways*,” **\$415,615**

Computer Science

Dr. Marie Roch

U.S. Department of Defense U.S. Navy: “*Capability Enhancements for Tethys*,” **\$189,111**

Mathematics & Statistics

Dr. Osvaldo Soto

California State University Office of the Chancellor: “*Continuing Website Development for the Discrete Math Project Collaborative*,” **\$20,000**; “*Scaling Up Implementation of the Discrete Math Project Collaborative*,” **\$30,000**

Physics

Dr. Kenneth Nollett

U.S. Department of Energy Office of Science: “*Quantum Monte Carlo and Fewer-body Approaches to Scattering, Reactions, and Related Properties of Nuclei*,” **\$75,000**

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'*,” **\$17,612**

Dr. Ruth Carper and Dr. Ralph Axel Mueller

National Institute of Mental Health: “*The Autistic Brain Over 45: The Anatomic, Functional, and Cognitive Phenotype*,” **\$701,187**

Dr. Linda Gallo

Albert Einstein College of Medicine: “*New York Regional Center for Diabetes Translation Research*,” **\$57,666**

Dr. Linda Gallo and Dr. Gregory Talavera

National Center on Minority Health and Health Disparities: “*Latinos Understanding the Need for Adherence in Diabetes using Care Coordination, Integrated Medical and Behavioral Care and E-Health (LUNA-E)*,” **\$608,788**

Dr. Tristen Inagaki

National Institute on Drug Abuse: “*Understanding How Opioids Affect the Experiential and Neural Signatures of Feelings of Social Connection with Close Others*,” **\$491,317**

Dr. Emily Kappenman

University of California at Davis: “*Yearly Workshop in the Event-Related Potential Technique*,” **\$15,174**

Dr. Georg Matt

California Tobacco-Related Disease Research Program: “*Engaging Communities in the Tobacco Endgame: Mapping Tobacco Product Litter in the Neighborhood*,” **\$376,187**

Cincinnati Children's Hospital: *"Contribution of Thirdhand Smoke to Overall Tobacco Smoke Exposure in Pediatric Patients,"* **\$260,451**

Dr. Gregory Talavera

University of California at San Diego: *"Activity Levels, Myosteatosis and Insulin Resistance/Diabetes Mellitus View Text,"* **\$89,398**

Dr. Jennifer Thomas

National Institute on Alcohol Abuse and Alcoholism: *"Fetal Alcohol Spectrum Disorders Study Group Annual Meeting,"* **\$24,925**

Dr. Vanessa Robin Weersing

Children's Hospital Los Angeles: *"A Sequential Multiple Assignment Randomized Trial Assessing Medication and Cognitive Behavioral Therapy Sequencing Strategies in the Treatment of Predominantly Ethnic Minority, Underserved Youth with Anxiety Disorders,"* **\$29,634**

ACADEMIC AFFAIRS

Instructional Technology Services

Dr. Sean Hauze

Alliance Healthcare Foundation: *"Virtual Immersive Teaching and Learning (VITaL),"* **\$1,000**

KPBS – EDUCATIONAL RADIO AND TELEVISION

Ms. Trisha Richter

James Irvine Foundation: *"Social Equity Desk,"* **\$220,000**

San Diego State University: *"MACP 2021 Combined,"* **\$269,391**

RESEARCH & INNOVATION

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,"* **\$22,000**

U.S. Department of Defense Space and Naval Warfare Systems Command: *"Student Support Services,"* **\$71,802**

SDSU GLOBAL CAMPUS

Mr. Edward West

Institute of International Education: *"Fulbright English for Graduate Studies Program,"* **\$140,654**