

Awards Received

February 2022

Total: \$5,565,838

COLLEGE OF ARTS & LETTERS

Office of the Dean

Dr. Christopher Brown and Dr. Mathias Schulze

University of California Office of the President: *"Every Student Succeeds Act – ESSA,"* **\$35,000**

Geography

Dr. Daniel Sousa

National Aeronautics and Space Administration (NASA) Jet Propulsion Laboratory: *"Analyzing the Land-Use Change Impacts of Oil and Gas Exploration Related Infrastructure Changes on Arctic Communities,"* **\$50,000**

Rhetoric and Writing Studies

Dr. Consuelo Salas

National Endowment for the Humanities: *"Creating Expansive Approaches to the Teaching of Writing in a Southern California Border Region,"* **\$145,832**

COLLEGE OF EDUCATION

Administration, Rehabilitation & Postsecondary Education

Dr. Caren Sax

San Diego County Office of Education: *"Exceptional Family Resource Center (EFRC) Resolutions for Student Success 21/22,"* **\$7,000**

COLLEGE OF ENGINEERING

Civil & Environmental Engineering

Dr. Christine Dykstra

National Science Foundation: *"CAREER: Elucidating the Interaction(s) Between Bacteria and Archaea in a Biocathode,"* **\$413,633**

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,"* **\$33,332**

Dr. Junfei Xie

National Science Foundation: “*CAREER: Towards Networked Airborne Computing in Uncertain Airspace: A Control and Networking Facilitated Distributed Computing Framework*,” **\$16,000**

Mechanical Engineering

Dr. Joaquin Camacho

National Science Foundation: “*CAREER: Progression from Soot to Nanocrystalline Carbon in Elevated Temperature Flames*,” **\$508,122**

COLLEGE OF HEALTH & HUMAN SERVICES

Exercise & Nutritional Sciences

Dr. Sara Gombatto

Smith & Nephew: “*Validation of a Depth Sensor Camera System for Measuring Full Body Kinematics*,” **\$36,143**

Public Health

Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson

San Diego County Health and Human Services Agency: “*Evaluation Support Services: Human Immunodeficiency Virus (HIV), Sexually Transmitted Disease (STD) and Hepatitis Branch Services*,” **\$61,665**

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*,” **\$571,676**

University of California at San Diego: “*Centers for Multiple Chronic Diseases Associated with Health Disparities: Prevention, Treatment, and Management*,” **\$38,587**

Dr. Erik Storholm

National Institute of Mental Health: “*Intimate Partner Violence and Human Immunodeficiency Virus (HIV) Prevention Among Sexual Minority Men*,” **\$517,900**

University of California Office of the President: “*Strategies for Implementing Pre-Exposure Prophylaxis (PrEP) Services in a Trans Community Center*,” **\$227,102**

Social Work

Ms. Jennifer Baum and Ms. Jennifer Tucker-Tatlow

San Diego County Health and Human Services Agency: “*Cultural Competency Academy FY 22/23*,” **\$9,660**

Mr. Steven Hornberger

The Scan Foundation: “*California Advocacy Network 2022 - 2023 (San Diego Regional Coalition)*,” **\$15,000**

COLLEGE OF PROFESSIONAL STUDIES & FINE ARTS

Public Affairs

Dr. Sherry Ryan

City of Encinitas: "*Beach Access Count Study*," **\$28,052**

COLLEGE OF SCIENCES

Biology

Dr. Richard Cripps

American Heart Association: "*Establishing the Role of the Conserved TN Domain in Tinman*," **\$64,072**

National Institute of General Medical Sciences: "*Genetic Regulation of Muscle Fiber Diversity*," **\$292,420**

Dr. Robert Luallen

National Science Foundation: "*CAREER: Examining Bacterial Filamentation as a Mechanism for Cell-to-Cell Spreading in an Animal Host*," **\$406,960**

Dr. Nicholas Shikuma

National Science Foundation: "*CAREER: Determining How Bacteria Stimulate Animal Metamorphosis*," **\$224,486**

Dr. Ricardo Zayas

National Institute of General Medical Sciences: "*Molecular Mechanisms Underlying Sensory Neuron Regeneration and Function*," **\$324,507**

Mr. Thomas Zink

AECOM Technology Corporation: "*AECOM San Diego Gas & Electric (SDGE) Seed Testing - CNF EPM Restoration (Part 2)*," **\$19,990**

Computer Science

Dr. Marie Roch

Human Frontier Science Program Organization: "*Communication and the Coordination of Collective Behavior Across Spatial Scales in Animal Societies*," **\$42,970**

Geological Science

Dr. Matthew Weingarten

University of Southern California: "*Can a Lack of Lake Loading Explain the Earthquake Drought on the Southern San Andreas Fault?*," **\$30,000**

Psychology

Dr. Linda Gallo

University of California at San Diego: "*Identifying Digital Phenotypes of Risk for Alzheimer's Disease and Related Dementias Among Hispanics/Latinos*," **\$85,129**

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),” \$547,909*

IMPERIAL VALLEY CAMPUS

Dr. Suzanna Fuentes-Ferreiro

International Education Services, Inc: *“English Language Skills (ELS) Certification,” \$320,000*

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,” \$25,000*

INTERDISCIPLINARY PROGRAMS

Dr. Alicia Kinoshita, Dr. Natalie Mladenov, and Mr. Thomas Zink

San Diego River Conservancy: *“Revegetation, Water Quality, Hydrology, and Bioassessment in Alvarado Creek,” \$467,691*