

Awards Received August 1 through August 31, 2018

COLLEGE OF ARTS & LETTERS

Office of the Dean

Dr. Mathias Schulze

Institute of International Education: "*Language Training Center*," \$1,242,246

Geography

Dr. Li An

National Aeronautics and Space Administration: "*Mapping and Modeling the Invasion of Mikania micrantha in Chitwan Community Forests, Nepal: A Coupled Human and Natural Systems Approach*," \$42,519

Dr. Douglas Stow

National Aeronautics and Space Administration: "*Uncoupling Fire and Drought Impacts on Chaparral - E. Storey*," \$40,390

FOWLER COLLEGE OF BUSINESS

Management

Dr. Alex DeNoble

Iliia State University: "*Entrepreneurship Training Program*," \$13,216

COLLEGE OF EDUCATION

Office of the Dean

Dr. Y Barry Chung

Price Philanthropies Foundation: "*School in the Park Aide*," \$486,940

Administration, Rehabilitation & Postsecondary Education

Dr. Felisha A. Herrera Villarreal

National Science Foundation: "*Building Capacity: Undergraduate STEM Transitions, Experiences, and Mobility*," \$1,483,589

Dr. Caren Sax

Down Syndrome Association: "*EFRC: Down Syndrome Association of San Diego Family Support Services 18/19*," \$15,000

San Diego County Superintendent of Schools: "*18/19 EFRC Early Start Referral Services*," \$25,671

Wyoming Department of Workforce Services: "*Wyoming Comprehensive Statewide Needs Assessment*," \$39,992

Child & Family Development

Dr. Lisa K. Linder

Price Philanthropies Foundation: "*Center for Excellence in Early Development (CEED) - Healthy Early Years Clinic*," \$10,000

Counseling & School Psychology

Dr. Katina M. Lambros Ortega and Dr. Bonnie Kraemer

U.S. Department of Education Office of Special Education and Rehabilitation Services: *"Project BEAMS: Behavioral, Emotional and Mental Health Supports in Schools: Collaborative Practices to Improve Special Educator and School Psychologist Training,"* \$249,839

Dr. Carol Robinson-Zanartu

U.S. Department of Education: *"The Native American and Indigenous Scholars Collaborative (NAISC),"* \$250,000

Educational Leadership

Dr. Joseph F. Johnson

America's Finest Charter School: *"School Leadership Support - America's Finest Charter School,"* \$10,000

Fallbrook Union High School District: *"School Leadership Support,"* \$5,000

Romoland School District: *"Instructional Leadership Capacity Building - Romoland,"* \$51,597

San Diego County Office of Education: *"Improving Educational Equity for African American and English Learners,"* \$57,000

Dr. Ian Pumpian

San Diego Regional Center for the Developmentally Disabled: *"Creative Support Alternatives - Supported Living,"* \$967,041

Special Education

Dr. Laura Hall and Dr. Bonnie Kraemer

University of North Carolina-Chapel Hill: *"Efficacy Follow up Study of CSESA Intervention,"* \$150,492

Teacher Education

Dr. Estella Chizhik and Dr. Regina Brandon

California State University Office of the Chancellor: *"The Garden PLOT: General and Special Education Teacher co Planning, Co-Learning, Co-Operating and Co-Teaching in Classrooms to Grow All Students,"* \$12,000

Dr. Cynthia Park

California Department of Education: *"Upward Bound Summer Residential Program 2018,"* \$2,758

U.S. Department of Education Office of Postsecondary Education: *"Upward Bound - Classic,"* \$426,157; *"Upward Bound - STAR,"* \$338,793

Dr. Donna Ross

California State University Sonoma: *"SDSU Teacher Education Maker Movement,"* \$10,000

Dr. Emily Schell

California Dedicated to Education Foundation: *"California Global Education Project Services to California Model Global Education Programs,"* \$2,500

COLLEGE OF ENGINEERING

Office of the Dean

Dr. Eugene Olevsky

University of California Office of the President: "*MESA Oracle Summer Program*," \$8,688; "*Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP)*," \$180,000

Aerospace

Dr. Ahmad H. Bani Younes

Texas A&M Engineering Experiment Station: "*Efficient and Parallel Implementation of MCPI Integrating Perturbed Orbital Motion*," \$64,999

Dr. Gustaaf Jacobs

University of Southern California: "*Control of Lagrangian Coherent Structures at Stagnation and Separation Location on Airfoils*," \$102,451

Electrical & Computer Engineering

Dr. Yusuf Ozturk

National Science Foundation: "*I-Corps: Ambient Sleep Architecture Monitor*," \$50,000

COLLEGE OF HEALTH & HUMAN SERVICES

Graduate School of Public Health

Dr. Sheila F. Castaneda

University of California at San Diego: "*Evaluating a Mindfulness-Based Intervention for Diverse Prehypertensive Women*," \$108,265

Dr. Eunha Hoh

University of Texas Health Science Center at Houston: "*Thirdhand Smoke Contamination in a Neonatal Intensive Care Unit (NICU)*," \$3,500

Dr. Corinne McDaniels

San Diego County Health and Human Services Agency: "*Consultant Services For Community Engagement Forums*," \$150,000

Dr. Gregory Talavera

Regents of the University of California: "*Randomized Control Trial to Reduce Sitting Time in Postmenopausal Latina Women at Increased Risk for Heart Disease*," \$256,097

Dr. Caroline A. Thompson

University of California at San Diego: "*UC San Diego Clinical and Translational Research Institute*," \$146,807

School of Social Work

Dr. Jennifer Tucker-Tatlow

The Child and Family Policy Institute of California: "*CPM Implementation FY 18-19*," \$75,000

Speech, Language and Hearing Sciences

Dr. Sonja Pruitt

National Institute on Deafness and Other Communication Disorders: "*Cross-Language Interactions during Word Learning in Bilingual Children with Typical and Atypical Language Development- I. Potapova*," \$33,534

IMPERIAL VALLEY CAMPUS

Dr. Suzanna Fuentes-Ferreiro

AMCO International Education Services, LLC: *"ELS Certification,"* \$170,000

COLLEGE OF SCIENCES

Office of the Dean

Dr. Catherine Atkins

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University of California at San Diego: *"SD IRACDA: Professors for the Future,"* \$13,104

Dr. Lance Larson

Vector Planning & Services, Inc.: *"Defensive Cyberspace Operations Research, Development, Testing, Engineering, Integration, Maintenance, and Production Support,"* \$918

Biology

Dr. Sanford Bernstein

National Heart, Lung, and Blood Institute: *"Structural and Biochemical Mechanisms of Myosin-induced Dilated Cardiomyopathy - A. Trujillo,"* \$31,704

Dr. Robert Edwards

U.S. Department of Energy Lawrence Livermore National Laboratory: *"Bacteriophage Genome Finishing and Phage Annotation Toolkit Evaluator (PhATE I) Development,"* \$60,000

Dr. Christopher Glembotski

National Institutes of Health: *"The Adaptive Cardiac Sensor, ATF6, Regulates ANP Secretion and Decreases Hypertensive Stress- E. Blackwood,"* \$480

Dr. Marina Kalyuzhnaya

National Science Foundation: *"Microbial Conversion of Greenhouse Gases into Fermentation-Ready Sugars,"* \$13,000

Dr. Scott Kelley

National Science Foundation: *"Engaged Student Learning: Development of Active Learning Bioinformatics Education Apps for Mobile Technology,"* \$30,000

Dr. Rebecca Lewison

National Science Foundation: *"Spatial ecology of wild felids in the context of a fragmented and rapidly developing landscape - G. Schmidt,"* \$46,000

Dr. Jeremy D. Long

National Science Foundation: *"Herbivore community assemblage response - R. DeSantiago,"* \$46,000; *"The effects of climate warming on the invasive rocky intertidal Acorn barnacle, Balanus glandula, in its native and invaded ranges of California and Argentina - C. Knight,"* \$46,000

Dr. Nicholas Shikuma

National Science Foundation: *"Transcriptional response of coral larvae to known metamorphosis-inducing bacterial product and its implication for natural coral repopulation - A. Alker,"* \$46,000

Dr. Mark Sussman

National Heart, Lung, and Blood Institute: *"Stemness" and Differentiation Potential Are Defined by Metabolism in Cardiac Progenitor Cells - D. Kubli,* \$2,044; *"Chromatin Content and Regenerative Potential of Cardiac Progenitor Cells -K. Broughton,* \$2,008

Chemistry & Biochemistry

Dr. Carl Carrano and Dr. Frithjof Kuepper

National Science Foundation: *"Biogeochemistry of Iron, Iodine, and Boron in Marine Plant-like Linages: Synchrotron Radiation Methods for Visualizing Chemical State, Localization and Potential Interactions,"* \$14,732

Dr. Douglas Grotjahn & Dr. Andrew L. Cooksy

National Science Foundation: *"Experimental and Computational Studies of Bifunctional Organometallic Catalysis,"* \$270,014

Dr. Manal A. Swairjo

National Institute of General Medical Sciences: *"RNA Modification: Structure and Mechanism,"* \$428,032

Computer Science

Dr. Leland Beck

National Science Foundation: *"Assessing Student Learning in CSI: Predictors of Success in Subsequent Courses,"* \$299,466

Dr. Shangping Ren

National Science Foundation: *"NSF CPS: TTP Option: Synergy: Collaborative Research: An Executable Distributed Medical Best Practice Guidance (EMBG) System for End-to-End Emergency Care from Rural to Regional Center Hospitals,"* \$89,527

Geological Science

Dr. Steven Day

University of Southern California: *"Effect of off-fault inelasticity on near-fault directivity pulses,"* \$16,000

Dr. Shuo Ma

U.S. Department of the Interior United States Geological Survey: *"Further Validation of a Dynamic Earthquake Model to Produce Realistic Near-Field Ground Motion,"* \$1,549

Dr. Kim Olsen

University of Southern California: *"Characterizing Source Descriptions that Account for Nonlinear Effect in Linear Simulations,"* \$26,000

Dr. Thomas Rockwell

University of Southern California: *"Collaboration to Populate a SCEC Community Paleoseismic Model,"* \$30,000; *"Collection of very high-resolution topography along the southern San Andreas Fault to resolve slip distribution in recent surface ruptures,"* \$15,000; *"Paleoseismic Investigation of the Lytle Creek Ridge Fault: Evidence for Linked San Jacinto-San Andreas Earthquake Ruptures,"* \$10,000

Mathematics & Statistics

Dr. Joanne Lobato

National Science Foundation: *"A controlled trial of active versus passive learning strategies: An exploration of online precalculus course design - M. Voigt,"* \$46,000

Dr. Daniel Reinholz

National Science Foundation: *"Collaborative Research: Working meetings to break down theoretical and disciplinary silos in research on change in undergraduate STEM education,"* \$45,740

Physics

Dr. Lyubov P. Kuznetsova

National Science Foundation: *"Designing Optical Metamaterial Devices with Hyperbolic Dispersion Using Al/Dielectric Nanolayers - P. Kelly,"* \$46,000

Psychology

Dr. Nader Amir

Florida State University: *"Attention Training to Modify ERN and Risk for Anxiety in Adolescence,"* \$308,332

Dr. Inna Fishman

National Institute of Mental Health: *"Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder,"* \$519,969

Dr. Linda Gallo

University of California at Davis: *"MRI Measures of Cerebrovascular Injury and AD Atrophy in a Study of Latinos,"* \$437,067

Dr. Phillip J. Holcomb

National Science Foundation: *"Effect of Learning Mode on Mechanisms Underlying Second Language Vocabulary Acquisition in Adults - G. Meade,"* \$46,000

Dr. Sarah M. Inkelis

National Institute on Alcohol Abuse and Alcoholism: *"Sleep and Neurobehavioral Outcomes in Children with Fetal Alcohol Spectrum Disorders,"* \$44,524

Dr. Vanessa Malcarne

Rheumatology Research Foundation: *"Medical and Graduate Student Preceptorship,"* \$1,000

Dr. Georg Matt

Cincinnati Children's Hospital: *"An Intervention to Reduce Second Hand Smoke Exposure among Pediatric Emergency Patients,"* \$5,652

Dr. Sarah Mattson

National Institute on Alcohol Abuse and Alcoholism: *"Language and Communication Abilities in Adolescents with Fetal Alcohol Spectrum Disorder – L. Doyle,"* \$36,097

Dr. Ralph-Axel Mueller

National Science Foundation: *"Too Much Information: Neural Mechanisms of Efficient Filtering - L. Mash,"* \$46,000

Dr. Jennifer Thomas

California Tobacco Related Disease Research Program: *"Effects of Prenatal Exposure to Tobacco and Cannabis on Development in Rats,"* \$602,000

Dr. Vanessa Robin Weersing

National Institute of Mental Health: *"2/2-Family Cognitive Behavioral Prevention of Depression in Youth and Parents,"* \$34,407

ACADEMIC AFFAIRS

Mr. Sean W. Hauze

Sinclair Community College: *"The STEM Guitar Project,"* \$24,542

GRADUATE & RESEARCH AFFAIRS

Dr. John Crockett

U.S. Department of Defense Space and Naval Warfare Systems Command: *"Development of New Microbial Fuel Cell Technologies,"* \$129,748

Mr. W. Timothy Hushen

U.S. Department of Defense Space and Naval Warfare Systems Command: *"Student Support Services,"* \$2,343

KPBS – EDUCATIONAL RADIO AND TELEVISION

Ms. Monica Medina

Media Arts Center San Diego: *"Speak City Heights,"* \$108,864

San Diego State University: *"MACP: Community Heroes,"* \$80,000; *"MACP: Content Management System,"* \$425,000; *"MACP: Non-PBS Programming & Deeper Learning,"* \$595,000

Mr. Vince Petronzio

Corporation for Public Broadcasting: *"Joint Master Control,"* \$150,000

STUDENT AFFAIRS

Dr. Pamela Starr

U.S. Department of Education Office of Postsecondary Education: *"Student Support Services Project for Students with Disabilities,"* \$309,835

Dr. James Lange

The Ohio State University: *"Executive Director of the Higher Education Center for Alcohol and Drug Misuse Prevention and Recovery,"* \$50,732

INTERDISCIPLINARY PROGRAMS

Dr. Bongsik Shin, Dr. Lance Larson, and Dr. Aaron Elkins

U.S. Department of Defense Office of Naval Research: *"Augmenting Effectiveness of Threat Modeling Through Threat Intelligence Attributes,"* \$79,996

Dr. Elva Arredondo and Dr. Mark Sussman

National Cancer Institute: *"2/2 SDSU/UCSD Cancer Center Comprehensive Partnership,"* \$1,192,031