Awards Received
August 1\textsuperscript{st} through 31\textsuperscript{st}, 2020

Total: $15,347,376

COLLEGE OF ARTS & LETTERS
Office of the Dean

Dr. Christopher Brown and Dr. Mathias Schulze
Concordia College: “Pashto Iso-Immersion,” $7,500

The Institute of International Education: “Language Acquisition Resource Center at San Diego State University Project GO,” $350,000

Geography

Dr. Trent Biggs
National Fish and Wildlife Foundation: “Sediment Mitigation at Faga’alu, American Samoa: 5-yr, Comprehensive Evaluation,” $83,211

Dr. Thomas Herman
South Bay Community Services South Region Evaluation: “First 5-Healthy Development Services for Children,” $73,834

Dr. Arielle Levine
Pew Charitable Trusts: “Managing Across Boundaries: Preventing Interjurisdictional Conflicts and Inequities Arising from Shifting Stocks,” $116,520

Political Science

Dr. Lei Guang
University of California at San Diego: “China Data Lab and Policy-relevant Research on China,” $106,106

COLLEGE OF EDUCATION
Administration, Rehabilitation & Postsecondary Education

Dr. Mary Baker Ericzen

Dr. Caren Sax
Association for Learning Environments: “A4LE,” $23,460

San Diego County Office of Education: “Exceptional Family Resource Center Resolutions for Student Success 20/21,” $70,000
San Diego State University: “20/21 Technical and Administrative Support Services for the Palau MA Program,” $85,912

Child & Family Development

Dr. Kelsey Dickson
National Institute of Mental Health: “Adapting an Autism Spectrum Disorder Executive Functioning Intervention for Implementation in Children's Mental Health Services,” $169,052

Dr. Karen Myers-Bowman
Price Philanthropies Foundation: “School in the Park Aide,” $484,159

Counseling & School Psychology

Dr. Jose Estrada and Dr. Laura Owen
Price Philanthropies Foundation: “College Avenue Compact,” $6,284

Dr. Laura Owen
Hobsons Education Advances: “Naviance Evaluation,” $30,000

Dr. Brent Taylor
Price Philanthropies Foundation: “Price Charities Counseling Program,” $108,940

Dual Language and English Learner Education

Dr. Cristina Alfaro
California Association for Bilingual Education: “Multilingual California Project,” $30,400

Educational Leadership

Dr. Joseph F. Johnson, Jr.
Integrity Charter School: “National Center for Urban School Transformation (NCUST) Professional Services Integrity Charter School 2020-21,” $25,000

Special Education

Dr. Estella Chizhik and Dr. Laura Hall
Texas Tech University: “3D Ed Prep 4 All,” $161,655

Dr. Jessica Suhrheinrich
Marin County Office of Education: “Improving Outcomes for Students with Autism and Related Developmental Disabilities by Scaling up the use of Evidence Based Practice,” $84,101

Teacher Education

Dr. Cynthia Park
Dr. Donna Ross
California State University Sonoma: “SDSU Teacher Education Maker Movement,” $2,000

COLLEGE OF ENGINEERING

Aerospace

Dr. Ping Lu
National Aeronautics and Space Administration: “Advanced Aeroassist and Powered Guidance Technology for Human Planetary Missions,” $50,000

Civil & Environmental Engineering

Dr. Alicia Kinoshita
National Science Foundation: “Coupling Post-fire Vegetation and Volumetric Sediment Regimes in Urban Mediterranean Systems,” $113,124

Electrical & Computer Engineering

Dr. Chunting Mi and Dr. Kevin Wood

Mechanical Engineering

Dr. Subrata Bhattacharjee
National Aeronautics and Space Administration: “Residence Time Driven Flame Spread Over Solid Fuels.” $62,000

Dr. Fletcher Miller
National Aeronautics and Space Administration: “Developing the Narrow Channel Apparatus as a National Aeronautics and Space Administration (NASA) Standard Material Flammability Test – Flight Experiment,” $66,000

COLLEGE OF HEALTH & HUMAN SERVICES

Public Health

Dr. Elva Arredondo
San Diego State University: “Infrastructure Support for Elva Arredondo,” $18,832

Dr. Nathan Dodder, Dr. Richard Gersberg, and Dr. Eunha Hoh
California Tobacco Related Disease Research Program: “Pilot Investigation of Tobacco, E-cigarette, and Cannabis Contaminants in an Urban Natural Reserve,” $301,000

Dr. Tracy Finlayson
National Institute of Dental and Craniofacial Research: “Applying Egocentric Social Network Analysis to Bilingual Oral Health Behavior Social Support Scale Validation for Mexican-origin Adults,” $166,877
Dr. Nada Kassem
California Tobacco Related Disease Research Program: “Determining Risk of Transfer of Hookah Tobacco Thirdhand Smoke,” $376,250

Dr. Susan Kiene
National Institute on Alcohol Abuse and Alcoholism: “Development and Pilot Testing of a Combination Intervention to Reduce Heavy Drinking and Improve Human Immunodeficiency Virus (HIV) Care Engagement among Fisherfolk in Uganda,” $207,074

Dr. Brandy Lipton
National Institute of Dental and Craniofacial Research: “Impact of Dental Care Access on Children's Oral Health and Academic Outcomes,” $150,500

Dr. Humberto Parada
National Cancer Institute: “Red Blood Cell Polyunsaturated Fatty Acids and Breast Cancer Mortality in the Women's Healthy Eating and Living (WHEL) Study,” $185,602

Dr. Karilyn Sant
National Institute of Environmental Health Sciences: “Elucidating the Role of Peroxisome Proliferator-activated Receptor (PPAR) Signaling in Pancreatic Organogenesis and Juvenile Metabolic Syndrome,” $167,381

Dr. Tianying Wu
California Tobacco Related Disease Research Program: “Past and Passive Smoking, Diet, Novel Biomarkers and Breast Cancer Metastasis,” $301,000

Social Work

Mr. Steven Hornberger
Stepping Higher: “Faith based Training Academy,” $9,999

YMCA of San Diego County: “Community Collaboration to Strengthen and Preserve Families,” $86,114

Ms. Jennifer Tucker-Tatlow
San Diego County Health and Human Services Agency: “Social Worker Training,” $57,718

Speech, Language and Hearing Sciences

Dr. Stephanie Ries-Cornou
National Institute on Deafness/Other Communication Disorders: “Brain Dynamics of Lexical Retrieval After Left Hemisphere Stroke,” $149,599

FOWLER COLLEGE OF BUSINESS

Dr. David Goldberg
Department of Defense U.S. Navy: “Predictive Maintenance of Naval Equipment Using Text Mining,” $75,309
Dr. Catherine Atkins
University of California at San Diego: “SD Institutional Research and Academic Career Development Award (IRACDA): Professors for the Future,” $13,104

Biology

Dr. Rulon Clark
Department of Defense U.S. Navy: “Rangewide Monitoring and Management of Flat-tailed Horned Lizards,” $186,481

Dr. Kevin Hovel
National Science Foundation: “Indirect Effects of Climate Change on Blue Mussels via Changes to Mussel Parasitism,” $46,000

Dr. Chun-Ta Lai
Wood Group, PLC: “Application of Stable Isotope Ratios to Separate Water Sources During Low Flow Condition in County of Orange,” $6,914

Dr. Rebecca Lewison
National Science Foundation: “Multi-Campus Transformation Network,” $261,542

Dr. Megan Jennings and Dr. Rebecca Lewison

Dr. Jeremy Long
National Science Foundation: “Determining the Driving Factors of the Corynactis Associational Refuge - Fellowship X. Boone,” $46,000; “Herbivore Community Assemblage Response ... - (Fellowship - R. DeSantiago),” $46,000

Dr. Walter Oechel
Fondazione Edmund Mach: “Investigating Manifold Strategies to Face Climate Changes in Viticulture,” $11,311

Dr. Nicholas Shikuma
National Science Foundation: “National Science Foundation Graduate Research Internship Program (GRIP) Award - (Fellow - A. Alker),” $46,000

Dr. Ricardo Zayas
National Institute of General Medical Sciences: “Molecular Mechanisms Underlying Sensory Neuron Regeneration and Function,” $8,777

Chemistry & Biochemistry

Dr. Christopher Harrison
National Aeronautics and Space Administration: “Identification and Detection of Chemical Traces of Past Life in Planetary Rocks,” $55,000
Dr. Gregory Holland  

Dr. Christal Sohl  
National Institutes of Health Clinical Center: “Isocitrate Dehydrogenase (IDH) Mutations as Drivers of Organelle Stress and Dysfunction” $376,248

Dr. Yong Yan  
Department of Energy National Renewable Energy Laboratory: “Center for Hybrid Organic-Inorganic Semiconductors for Energy,” $75,000

Mathematics & Statistics

Dr. Mary Pilgrim  
National Science Foundation: “Collaborative Research: Implementing an Active and Inclusive Mathematics Professional Development Program for Graduate Teaching Assistants (The AIM-PD Program),” $102,436

Physics

Dr. Fred Goldberg  
California State University San Marcos: “A Model of Educational Transformation: Developing A Community of Faculty Implementing Next Generation Physical Science and Everyday Thinking,” $170,456

Dr. Usha Sinha  
University of California at San Diego: “Role of the Extracellular Matrix in Age-Associated Force Loss: Integrating Imaging, Biochemistry and Multi-Scale Mesh-free Modeling,” $48,139

Dr. Kyle Sundqvist  
Faster Logic LLC: “Quantum Emulation Co-processor Circuit Card Using Analog and Digital Electronics,” $42,639

Dr. Fridolin Weber  

Psychology

Dr. Nader Amir  
Florida State University: “Attention Training to Modify Error-related Negativity (ERN) and Risk for Anxiety in Adolescence,” $308,332

Dr. Aaron Blashill  
National Science Foundation: “Body Image Threat Responsivity in Gay and Heterosexual Men: The Role of Physiological Reactivity - Fellowship A. Convertino,” $46,000

Dr. Ruth Carper  
National Science Foundation: “Identifying Neurocognitive Subtypes of Executive Function Across Autism Spectrum Disorder (ASD) and Attention-deficit Hyperactivity Disorder (ADHD) - Fellowship M. Cordova,” $46,000
Dr. Linda Gallo  
Children's Mercy Kansas City: “Characterization of Sedentary Patterns and Cardiovascular Disease Risk Markers in Hispanics/Latinos,” $262,646

Dr. Keith Horvath  
University of Miami: “Supporting Treatment Adherence for Resilience and Thriving (START),” $176,220  

Dr. Ksenija Marinkovic  
National Institute on Alcohol Abuse and Alcoholism: “Multimodal Imaging of Cognitive Control in Individuals with a Family History of Alcoholism: J. Happer,” $34,949; “Neurocognitive Deficits and Compensation in Binge Drinkers,” $178,719

Dr. Georg Matt  
California Tobacco Related Disease Research Program: “Predicting Environmental Waste from Tobacco, Electronic Cigarette, and Marijuana Products,” $376,161

Dr. Edward Riley and Dr. Jennifer Thomas  
National Institute on Alcohol Abuse and Alcoholism: “Congresses of the International Society for Biomedical Research on Alcoholism,” $30,880

Dr. Scott Roesch  
University of California at San Diego: “Identifying Quality Indicators within Multiple Evidence-based Practice (EBP) Delivery in Child Mental Health Services,” $57,849; “System of Care Evaluation (SOCE),” $94,926

Dr. Dustin Thoman  
University of Wisconsin-Madison: “Promoting Motivation in Undergraduate Biology and Chemistry Courses,” $59,794

Dr. Miguel Villodas  
National Science Foundation: “Neurocognitive and Physiological Mechanisms in the Intergenerational Impact of Maltreatment,” $46,000

Dr. Kristen Wells  
Moffitt Cancer Center: “A Stepped-Care Psychosocial Intervention for Brain Tumor Family Caregivers,” $21,746

Dr. Jillian Wiggins  
National Institute of Mental Health: “Neural Mechanisms of Risk and Resilience in Early Childhood Irritability,” $759,490

ACADEMIC AFFAIRS

Dr. Jessica Barlow  
University of California at San Diego: “Using Eye Tracking to Understand Speech Perception-production Relationships in Young Children,” $5,000
IMPERIAL VALLEY CAMPUS

Dr. Linda Abarbanell
University of Texas at Austin: “The Consequences of Formal Education for Science and Religion Narratives in Tenejapa, Chiapas, Mexico,” $208,729

Dr. Lydia Greiner
California Tobacco Related Disease Research Program: “Imperial Youth for a Tobacco-Free Environment,” $168,555

RESEARCH & INNOVATION

Dr. John Crockett
Department of Defense Space and Naval Warfare Systems Command: “Student Support Services,” $248,834
Science Applications International Corp: “Coil Charging Techniques Investigation,” $22,365

STUDENT AFFAIRS

Ms. Erica Aros
Department of Education Office of Postsecondary Education: “Student Support Services Project for Students with Disabilities,” $335,110

INTERDISCIPLINARY PROGRAMS

Dr. Baris Aksanli, Dr. Audrey Beck, and Dr. Shangping Ren
National Science Foundation Directorate for Engineering: “SCC-PG: Building an Integrative Community Platform to Alleviate the Workforce Aging Crisis,” $149,999

Dr. Guadalupe X. Ayala and Dr. Kristen Wells
National Center on Minority Health and Health Disparities: “Multi-sector, Rural-Border Health Disparities Research and Innovation Initiative,” $188,125

Dr. Guadalupe X. Ayala, Dr. Jose Castillo, Dr. Andrew Cooksy, and Dr. Christopher Paolini
National Science Foundation: “CC* Compute: Central Computing with Advanced Implementation at San Diego State University,” $399,328

Dr. Karen Emmorey and Dr. Phillip Holcomb
National Institute on Deafness/Other Communication Disorders: “Assessing the Neural Dynamics of Reading in Deaf Adults,” $545,469