Awards Received August 1 through August 31, 2016

COLLEGE OF ARTS & LETTERS

Office of the Dean

Dr. Mary Ann Lyman-Hager and Dr. Christopher P. Brown
The Institute of International Education: "Language Training Center," $1,800,000

Geography

Dr. Li An and Dr. Piotr Jankowski

Dr. Thomas Herman
South Bay Community Services: "South Region Evaluation: First 5-Healthy Development Services for Children," $79,344; "Evaluation of First 5 Targeted Home Visiting Program for South Bay Community Services," $42,000

Dr. Piotr Jankowski

Dr. Douglas Stow

Institute for Regional Studies of the Californias

Dr. Paul Ganster
California Department of Resources Recycling and Recovery: "The Flow of Used and Waste Tires in California-Mexico Border Region," $139,681

Political Science

Dr. Lei Guang
University of California at San Diego: "The Domestic Roots of China's International Behavior," $38,617

Sociology

Dr. Sheldon Zhang

COLLEGE OF EDUCATION

Administration, Rehabilitation & Postsecondary Education

Dr. Charles Degeneffe
U.S. Department of Education: "Rehabilitation Long-Term Training Program-Vocational Rehabilitation Counseling," $200,000

Dr. Felisha A. Herrera Villarreal
National Science Foundation: "EDUCATIONAL SYSTEMS: Settings Yielding Science, Technology, Engineering, & Math Success (ED-SYSTEMS)," $300,000

Dr. Caren Sax
Association for Learning Environments: "Association for Learning Environment (A4LE)," $20,700
California Department of Education: "EFRC Family Empowerment Center," $254,599
Nevada Department of Employment Training and Rehabilitation: "Nevada Training and Technical Assistance 15/17," $44,686

Poway Unified School District: "EFRC Poway Alternative Dispute Resolution," $10,000

**Dr. Caren Sax and Dr. Nan Hampton**
U.S. Department of Education Office of Special Education/Rehabilitation Services: "Collaborative for Distance Education in Rehabilitation: Comprehensive System of Personal Development Rehabilitation Training," $200,000

**Counseling & School Psychology**

**Dr. Tonika Green**
U.S. Department of Education: "Preparing Culturally Affirming Responsive Education Specialists for Foster Youth," $250,000

**Educational Leadership**

**Dr. Joseph F. Johnson**
Lakeside Union School District: "Capacity Building for Principals and Instructional Leadership Teams," $82,681

**Dr. Ian Pumpian and Dr. Caren Sax**
San Diego Regional Center for the Developmentally Disabled: "Creative Support Alternatives- Supported Living," $1,039,161

**Teacher Education**

**Dr. Cynthia Park**

**COLLEGE OF ENGINEERING**

**Office of the Dean**

**Dr. Fredric J. Harris**
U.S. Department of Defense Space and Naval Warfare Systems Command: "Tactical Secure Voice SDR Support (FY16)," $12,045

**Aerospace**

**Dr. Gustaaf Jacobs**
National Science Foundation: "Collaborative Research: Shock Interaction with a Complex Hydrodynamic Medium," $207,637

**Dr. Ping Lu**

**Dr. Satchi Venkataraman**
N&R Engineering: "Uncertainty Quantification of Test Derived Model Parameters for Life Prediction of Composite Bolted Joints in an ICME Framework," $199,800

**Civil & Environmental Engineering**

**Dr. Alicia M. Kinoshita**
National Aeronautics and Space Administration: "Developing a Satellite-based Post-fire Evapotranspiration Model," $30,000

**Mechanical Engineering**

**Dr. Ilenia Battiato**
Dr. Lisa Asmus

Dr. Guadalupe X. Ayala
San Diego State University: "IBACH Multi-Disciplinary Research," $37,500; University of North Carolina-Chapel Hill: "Hispanic Community Children’s Health: Study of Latino Youth (SOL-Youth)," $20,000

Dr. Eunha Hoh
Regents of the University of California: "Pesticides and Mental Health among Adolescents in Ecuadorian Agricultural Communities," $25,049; University of California at San Diego: "Distribution, Provenance & Human Health," $138,876

Dr. Amy Pan

Dr. PJE Quintana and Dr. Zohir Chowdhury
California Office of Environmental Health Hazard Assessment: "Spatial Distribution of Particulate Matter and BC Pollution in the Border Community of San Ysidro, CA," $32,949

Dr. Robert Seidman and Dr. Amy Pan
California Office of Environmental Health Hazard Assessment: "Spatial Distribution of Particulate Matter and BC Pollution in the Border Community of San Ysidro, CA," $51,200

School of Social Work
Dr. Anita Harbert and Dr. Jennifer Tucker-Tatlow
San Diego County Health and Human Services Agency: "MHSA Workforce Education and Training (WET): Training and Technical Assistance-Behavioral Health Training Curriculum (BHTC)," $464,685

Dr. Melinda Hohman
University of California at Berkeley: "Mental Health Educational Stipend Program," $6,875

Dr. Maria L. Zuniga
San Ysidro Health Center: "Special Projects of National Significance (SPNS) System-Level Workforce Capacity Building Project for Integrating HIV Primary Care in Community Health Care Settings," $57,131

Speech, Language and Hearing Sciences
Dr. Karen Emmorey
National Science Foundation: "The Structure of the ASL Lexicon: Experimental and Statistical Evidence from a Large Lexical Database (ASL_LEX)," $287,454

COLLEGE OF SCIENCES
Office of the Dean
Dr. Jose Castillo, Dr. Paul Paolini, and Dr. Catherine Atkins
National Institute of General Medical Sciences: "SDSU Bridges to the Baccalaureate Program," $198,597

Astronomy
Dr. Robert Quimby
University of Kansas: "Shared Time: Phillips Claud Telescope (PCT) and the Mount Laguna Observatory (MLO) 40-inch Telescope (FIT)," $125,000
Biology

Dr. Sanford Bernstein
National Institute of General Medical Sciences: "Genetics and Molecular Biology of Striated Muscle Myosin - Administrative Supplement," $70,679

Dr. Douglas Deutschman
The San Diego Foundation: "The Impact of Climate on Pollinators Communities," $10,000

Dr. Douglas Deutschman, Dr. Rulon Clark, and Dr. Jeremy D. Long
U.S. Department of the Interior National Park Service: "Partnership to Provide Student Internships in Field Sciences," $17,998

Dr. Kelly Doran
National Institute of Neurological Disorders and Stroke: "Blood-Brain Barrier Failure During Bacterial Meningitis," $382,912

Dr. Christopher Glembotski
National Heart Lung and Blood Institute: "Role of the SR/ER E3 Ubiquitin Ligase Synoviolin 1 in Cardiac Hypertrophy-A. Arrieta," $63,552

Dr. Jeremy D. Long
National Science Foundation: "What You Can't See CAN Hurt You: Interspecific Indirect Genetic Effects, Omnivores, and Salt Marshes Fellowship - Rinehart," $46,000

Dr. Walter Oechel
University of Montana: "Satellite Data Driven Model Assessment of Landscape Variability and Environmental Controls on the Artic-Boreal Carbon Budget," $20,000

Dr. Forest Rohwer
National Science Foundation: "Bioenergetic Dynamics of Genomic Evolution in Alphaproteobacteria-T. Roach," $46,000

Dr. Mark Sussman
National Heart Lung and Blood Institute: "Restoring Myocardial Healing," $1,742,983

Chemistry & Biochemistry

Dr. Christal D. Sohl
National Cancer Institute: "The Molecular Mechanism of Isocitrate Dehydrogenase (IDH) Mutations in Cancer," $224,577

Dr. Manal A. Swairjo
National Institute of General Medical Sciences: "RNA Modification: Structure and Mechanism," $413,667

Computer Science

Dr. Marie Roch

Dr. Marie Roch and Dr. Roger Whitney
U.S. Department of Interior: "Phase II Development of the Tethys PAM Metadata System," $250,000

Geological Science

Dr. John Crockett
Cleantech San Diego: "San Diego Regional Energy Innovation Cluster," $1,035,279

Mathematics & Statistics

Dr. Joanne Lobato
National Science Foundation: "A Controlled Trial of Active Versus Passive Learning Strategies: An Exploration of Online Precalculus Course Design - Fellowship M. Voigt," $46,000
Dr. Chris Rasmussen  
University of Agder: "Mathematical Education through Modelling Authentic Situations - METMAS," $2,780  
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  
State University of New York: "Attention Training to Modify Error-related Negativity and Risk for Anxiety in Adolescence," $350,453

Dr. Mark Ehrhart  
University of Washington: "The Organizational Assessment for Strategic Implementation in Schools (OASIS): A Measurement Suite to Support Educator Adoption of Evidence-Based Practices," $12,849

Dr. Inna Fishman  
National Institute of Mental Health: "Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder," $531,432

Dr. Phillip J. Holcomb  
National Institute on Deafness and Other Communication Disorders: "Investigating the Neural Dynamics of Single-Word Reading in Deaf Readers - L. Schwarz-Glezer," $61,010  
National Science Foundation: "Effect of Learning Mode on Mechanisms Underlying Second Language Vocabulary Acquisition in Adults - G. Meade," $46,000

Dr. Vanessa Malcarne  
University of California at San Diego: "Coping with Cancer: A Program for the Deaf Community in American Sign Language," $25,000

Dr. Ksenija Marinkovic  
National Institute on Alcohol Abuse and Alcoholism: "Spatiotemporal Brain Imaging of Alcohol Effects on Inhibitory Control," $445,974

Dr. Georg Matt  
Cincinnati Childrens Hospital: "An Intervention to Reduce Second Hand Smoke Exposure among Pediatric Emergency Patients," $20,393

Dr. Joseph Price  
San Diego Social Advocates for Youth: "Keeping Foster and Kinship Parents Trained and Supported (KEEP)," $22,432

Dr. Rachel H. Schlager  
University of California at San Diego: "Training Community Providers to Implement an Evidence-based Early Intervention Program," $39,756

Dr. Dustin B. Thoman  
National Science Foundation: "REU Supplement," $16,640

Dr. May Yeh  
University of San Diego: "Personalizing Parent Training Interventions for Culturally Diverse Families," $105,328

ACADEMIC AFFAIRS

Dr. Chukuka Enwemeka  
Sonovia Holdings LLC: "Effect of Blue Light on Propionibacterium Acnes: Time-kill Studies II," $281,417

GRADUATE AND RESEARCH AFFAIRS

Mr. W. Timothy Hushen
STUDENT AFFAIRS

Dr. Pamela Starr
U.S. Department of Education Office of Postsecondary Education: "Student Support Services Project for Students with Disabilities," $289,955

INTERDISCIPLINARY PROGRAMS

Dr. Arielle Levine and Dr. Kevin Hovel
National Science Foundation: "Climate Change Impacts on the Sustainability of Key Fisheries in the California Current System," $520,150

Dr. Ming-Hsiang Tsou, Dr. Atsushi Nara, Dr. Sahar Ghanipoor-Machiani, and Dr. Xianfeng Yang

Dr. Linda Gallo, Dr. Gregory Talavera, Dr. Patricia Gonzalez, and Dr. Scott Roesch
University of California at San Diego: "Neighborhood Environments and Cardiometabolic Disorders in Hispanic/Latinos," $338,435