Awards Received July 1, 2018 - June 30, 2019

COLLEGE OF SCIENCES
Dr. Walt Oechel, Interim Dean (7/1/18-1/30/19)
Dr. Jefferey Roberts (1/31/19-6/30/19)

Office of the Dean

Dr. Catherine Atkins  
University of California at San Diego: “San Diego Institutional Research and Academic Career Development Awards: Professors for the Future,” $13,104

Dr. Catherine Atkins and Dr. Stanley Maloy  

Dr. Susan Baxter  
National Science Foundation: “Type II: California State University Innovation Site,” $150,000

Dr. Karen Campbell and Dr. Jose Castillo  
California Department of Conservation: “Surface Expression Risk Assessment Physiography (SERAPh) for Midway Sunset Oil Field, San Juaquin Valley, California,” $122,449

Dr. Lance Larson  

Dr. Estralita Martin  
CSU Sacramento University Enterprises Inc: “California State University Louis Stokes STEM Pathways and Research Alliance (CSU-LSAMP) (2018-2023),” $45,250

Dr. Faramarz Valafar  
National Institute of Allergy and Infectious Diseases: “Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB,” $713,991

Astronomy

Dr. Robert Quimby  
California Institute of Technology: “GROWTH: Global Relay of Observatories Watching Transients Happen,” $21,695

Dr. Eric Sandquist  
National Science Foundation: “Mass and Age Standard Stars - Studying Timing Reliability in Cluster Territory (MASS-STRICT),” $401,639

Dr. Allen Shafter  
**Biology**

**Dr. Todd Anderson and Dr. Brian Hentschel**  
Total: $9,868  
California Sea Grant College Program: “Ecologically Restorative Ranching of Purple Sea Urchins,” $9,868

**Dr. Nicholas Barber**  
Total: $2,520  
Friends of Nachusa Grasslands: “Extending a Globally Unique Long-term Beetle Survey in Restored and Remnant Tallgrass Prairie,” $2,520

A herd of American bison at Nachusa Grasslands in northern Illinois. The Nature Conservancy introduced bison to Nachusa in 2014 as part of their efforts to restore the tallgrass prairie ecosystem.  
PI and photo: Nicholas Barber

**Dr. Sanford Bernstein**  
Total: $712,723  

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

National Institute of General Medical Sciences: “Genetics and Molecular Biology of Striated Muscle Myosin,” $515,469

The Bernstein Lab  
PI: Sanford Bernstein (front row, second from left)
Awards Received July 1, 2018 - June 30, 2019

Dr. William Boarman
Upgrade Professional Solutions Corporation: “Analysis of Common Raven Data,” $14,320

Dr. Andrew Bohonak
Department of the Interior United States Geological Survey: “Genetic Connectivity in the California Freshwater Shrimp (Syncaris Pacifica),” $49,000

Dr. Kevin Burns
National Science Foundation: “Collaborative Research: Admixture Mapping of a Hybrid Zone to Test Tinbergen's Emancipation Hypothesis,” $45,000

Dr. Ted Cranford

Dr. Richard Cripps
National Institute of General Medical Sciences: “Genetic Regulation of Muscle Fiber Diversity,” $324,911; “Genetic, Molecular and Computational Analysis of MEF2 Function in Drosophila Myogenesis,” $261,223

Dr. Matthew Edwards
California Sea Grant College Program: “Minimizing Disturbance Impacts by California Vessel Mooring Systems on Living Rhodolith Benthos in Catalina MPAs: An Experimental Assessment,” $65,504

Dr. Robert Edwards
Department of Energy Lawrence Livermore National Laboratory: “Bacteriophage Genome Finishing and Phage Annotation Toolkit Evaluator (PhATE I) Development,” $60,000

Dr. Christopher Glembotski
National Heart Lung and Blood Institute: “ATF6 is Required for ANP Secretion from the Heart,” $376,250; “Harnessing the Adaptive ER Stress Response in Myocardial Ischemia,” $376,250; “Role of the SR/ER Ubiquitin Ligase Synoviolin 1 in Cardiac Hypertrophy,” $414,382; $38,132; “The Adaptive Cardiac Sensor, ATF6, Regulates ANP Secretion and Decreases Hypertensive Stress- E. Blackwood,” $33,025

University of Cincinnati: “Molecular Mechanism of Hypertrophic Cardiomyopathy in South Asian Descents,” $15,228

Dr. Natalie Gude and Dr. Mark Sussman
National Heart Lung and Blood Institute: “Resolving Myocardial Regeneration by Tracking Commitment of C-Kit+Cells,” $376,250

Dr. Marshal Hedin

Dr. Carrie House
National Cancer Institute: “Role of NF-kB Signaling in Supporting Ovarian Cancer Tumor-initiating Cells Responsible for Cancer Recurrence,” $249,000
2018-2019 SDSU Awards Listing

Dr. Carrie House (left) and SDSU senior, Zinia Sarwar, discuss western blots to evaluate NF-kB proteins in ovarian cancer stem cell populations
PI and photo: Carrie House

Dr. Kevin Hovel
California Sea Grant College Program: “A Multifaceted Approach to Enhance the Sustainability of the California Spiny Lobster Fishery,” $249,169

Dr. Megan Jennings and Dr. Rebecca Lewison
Total: $1,200,630
California Department of Transportation: “Caltrans Connectivity Workshop Support,” $8,369
California Strategic Growth Council: “Connected Landscapes for Climate-Resilient Southern California Communities and Ecosystems,” $1,187,629

Lewison lab masters candidate, Emma Tomaszewski, supervises the aerial survey helicopter path.
Photo: Kylie Curtis
Pls: Megan Jennings and Rebecca Lewison
**Dr. Marina Kalyuzhnaya**

Auburn University: “Harnessing Methanotroph-Photoautotroph Interactions for Biogas Conversion to Fuels and chemicals Using Binary Consortia,” $35,000

BHP Billiton Limited: “Improving Methane Capturing via Enhanced Biofiltration based on Living Emission Abolish Filters (LEAFs),” $71,785; “Travel for LEAFs, Living Emission Abolish Filters for Coal-Mine Methane Mitigation,” $12,020

Intrexon Corporation: “Intrexon Training Grant,” $100,000

National Science Foundation: “Microbial Conversion of Greenhouse Gases into Fermentation-Ready Sugars,” $55,000

Tradewater LLC: “Bacterial Production of Ectoine and Lipase: Coal Mine Methane Valorization,” $68,781

**Total: $342,586**

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**Dr. Scott Kelley**

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


**Total: $176,561**

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**Dr. Rebecca Lewison**

California Department of Fish and Wildlife: “California Least Tern Breeding Survey 2018,” $17,500

National Science Foundation: “Spatial Ecology of Wild Felids in the Context of a Fragmented and Rapidly Developing Landscape - G. Schmidt,” $46,000

National Aeronautics and Space Administration: “Supporting Climate-ready and Sustainable Fisheries: Using Satellite Data to Conserve and Manage Life in the Ocean and Support Sustainable Fisheries,” $314,053

University of California at Santa Barbara: “Center for Excellence and Diversity in Team Science (CREDITS),” $16,114

**Total: $393,667**

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**Dr. David Lipson and Mr. Thomas Zink**

National Aeronautics and Space Administration: “NASA SSFL Replacement Soil Testing,” $21,294

**Total: $21,294**

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**Dr. David Lipson, Dr. Walter Oechel and Dr. Donatella Zona**

National Aeronautics and Space Administration: “Temporal and Spatial Patterns of and Controls on Arctic and Boreal Forest CO2 and CH4 Fluxes in the ABoVE Domain,” $219,771

**Total: $219,771**

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**Dr. Jeremy Long**


U.S. Department of the Interior National Park Service: “Cooperative Research and Training Program Concerning the Resources of Cabrillo National Monument for Students at San Diego State University,” $17,026

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

**Total: $241,526**
Wendi White, research technician, attaches an agar plate to rocky shores to compare rates of herbivory between sites on the Channel Islands. Photo: Ric DeSantiago

PI: Jeremy Long

Dr. Kathleen McGuire
Total: $15,056

Vaxiion: “Efficacy, Immune Mechanism(s), and Pharmacokinetic/Biodistribution Properties of Vaxiion’s Investigational Minicell Product Intended for use in Bladder Cancer,” $15,056

Dr. Luke Miller
Total: $162,184

National Science Foundation: “Collaborative Research: Context-Dependency of Top-down vs. Bottom-up Effects of Herbivores on Marine Primary Producers,” $70,158; “Collaborative Research: Effects of Multiple Aspects of Climate Change on Marine Biodiversity and Ecosystem Functioning,” $92,026

Sarah Mastroni, SDSU assistant professor Luke Miller, and Genevieve Bernatchez wait for the tide to drop in Sitka Alaska before sampling seawater chemistry in experimental tide pools. Photo: Matt Bracken

PI: Luke Miller

Dr. Walter Oechel
Total: $81,624

University of California at Irvine: “Innovation Center for Advancing Ecosystem Climate Solutions,” $61,624

Dr. Walter Oechel and Dr. Samuel Shen
Total: $275,000

City College of New York: “Financial Assistance to Establish Four NOAA Cooperative Science Centers at Minority Serving Institutions,” $275,000

Dr. Walter Oechel and Dr. Donatella Zona
Total: $4,395

Harvard University: “Multi-scale Data Assimilation and Model Comparison for ABoVE to Identify Processes Controlling CO2 and CH4 Exchange and Influencing Seasonal Transitions in Arctic Tundra Ecosystems,” $4,395
Awards Received July 1, 2018 - June 30, 2019

University of Montana: “Satellite Data Driven Model Assessment of Landscape Variability and Environmental Controls on the Arctic-Boreal Carbon Budget,” $20,000

**Dr. Joy Phillips**
University of Nebraska Medical Center: “EP67 - Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV,” $30,098

**Dr. Tod Reeder**
National Science Foundation: “Collaborative Research: Species delimitation, hybridization and the origin of parthenogenesis in whiptail lizards (Aspidoscelis),” $239,066

**Dr. Lluvia Flores Renteria and Dr. Sula Vanderplank**
U.S. Department of Agriculture: “Species with Binational Distributions as a Means for Engaging Hispanic Students into Forestry and Natural Resources,” $275,000

![Dr. Sula Vanderplank collecting fruits from Ferocactus gatesii at one of the islands in Bahia de Los Angeles. PIs: Lluvia Flores Renteria and Sula Vanderplank](image)

**Dr. Forest Rohwer**
Cystic Fibrosis Research Inc: “Bacteriophage-mediated Spread of Virulence Factors in Cystic Fibrosis Microbiome,” $30,000; “New Horizons: Development of Tailocins Against Microbial Infections in Cystic Fibrosis Lungs,” $70,000

The Gordon and Betty Moore Foundation: “Development of Isothermal Calorimeter to Measure Marine Microbial Activity,” $7,500; “Investigator Award,” $222,500

**Dr. Anca Segall**
Virginia Polytechnic Institute and State University: “Integrative Genomics Approach to Computational Assessment of Threats (IGACAT),” $77,797

**Dr. Nicholas Shikuma**
Department of Defense Office of Naval Research: “Elucidating the Role of Tailocins in Microbes from the Human Gut,” $249,999

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
Awards Received July 1, 2018 - June 30, 2019

Dr. Mark Sussman
American Heart Association: “Lineage Contribution of Adult c-Kit+ Cardiac Progenitor Cells in Embryonic and Neonatal Development,” $26,844
CardioCreate: Next Generation Regenerative Therapy with Pim-1 Enhanced Cardiac Progenitor Cells,” $1,270
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; “Regulation of Signal Transduction to Treat Heart Failure,” $376,250; “Resolving Myocardial Regeneration by Tracking Commitment of c-Kit+ cells O-Echeagaray-Bredesen,” $108,367

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,” $37,500

Mr. Thomas Zink
ACS Habitat Management: “SCI IR Site 1 Out-Planting,” $11,300
California Department of Fish and Wildlife: “Rancho Jamul Grass Farm Project,” $13,923
Department of Defense Naval Facilities Engineering Command: “Dune Restoration at Naval Base Coronado,” $18,496
Department of Defense Space and Naval Warfare Systems Command: “Continued Effort on SPAWAR Natural Resources Research,” $2,401; “Processing 2018 GSOB/PHHB Specimens from Detachment Fallbrook,” $2,492
Department of Defense US Navy: “Naval Base Coronado Dune Restoration and Sensitive Plant Species Surveys,” $36,580
KMEA: “Grassland Restoration and Fire Management Plan Implementation Naval Auxiliary Landing Field San Clemente Island,” $55,063
San Diego River Conservancy: “Post-fire Restoration of the Del Cerro Reach of Alvarado Creek Smoke Tree,” $910,709
Judith Ann Wheatley: “Pond Turtle Habitat Restoration Plan and Site Preparation,” $24,998

Chemistry & Biochemistry

Dr. Carl Carrano and Dr. Frithjof Kuepper

Dr. Andrew Cooksy and Dr. Douglas Grotjahn
National Science Foundation Directorate for Mathematics and Physical Sciences: “Experimental and Computational Studies of Bifunctional Organometallic Catalysis,” $360,000

Dr. Jeffrey Gustafson
National Institute of General Medical Sciences: “MIRA: Atropisomerism as a Means to Increase Target Selectivity and as Inspiration for New Chemistry,” $376,250
Awards Received July 1, 2018 - June 30, 2019

Dr. Douglas Grotjahn and Dr. Diane Smith
Total: $305,217

Dr. Gregory Holland
Total: $509,838
National Aeronautics and Space Administration: “Increasing the Complexity of Life at Silica Nanostructured Interfaces,” $165,000

Graduate student Dillan Stengel instructs undergraduates Parmida Saadipour and Lauren Rivera on sample preparation for nuclear magnetic resonance spectroscopy
Photo: Debbie Brighton
PI: Gregory Holland

Dr. Tom Huxford
Total: $51,100
University of Nebraska Medical Center: “Development of Quinoxaline-Based IKKbeta Inhibitors for Kras Driven Cancers,” $51,100

Dr. Tom Huxford and Dr. William Stumph
Total: $63,492
California Metabolic Research Foundation: “Arne N. Wick Predoctoral Research Fellowship Avellaneda Matteo,” $43,000; “Funds for the Purchase of Two Benchtop Cell Culture Centrifuges and Rotors,” $20,492

Dr. Regis Komperda
Total: $249,316
National Science Foundation: “Collaborative Research: Building Assessment Capacity in Chemistry Education - The CIChemistry Instrument Review and Assessment Library (CHIRAL) Project,” $249,316

Dr. William Stumph
Total: $107,000
California Metabolic Research Foundation: “Enzyme Regulation, Lipid and Carbohydrate Metabolism,” $80,000; “Matching Funds for The Purchase of a High-Speed Preparative Centrifuge and Rotor,” $27,000

Dr. Manal Swairjo
Total: $546,777
National Institute of General Medical Sciences: “RNA Modification: Structure and Mechanism,” $428,032
University of Florida: “Study of Queuosine Salvage and Function in Eukaryotes; a Forgotten Micronutrient,” $118,745

Dr. William Tong
Total: $532,097
American Chemical Society: 2019 Festival Grant,” $1,500; “Georgia: Activity Award for Summer Research,” $750
National Institute of General Medical Sciences: “SDSU Initiative for Maximizing Student Development (SDSU IMSD),” $529,847
**Awards Received July 1, 2018 - June 30, 2019**

<table>
<thead>
<tr>
<th><strong>Dr. Yong Yan</strong></th>
<th><strong>Total:</strong> $201,289</th>
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<tbody>
<tr>
<td>National Science Foundation: “Hybrid Halide Perovskite Materials for Photocatalytic Carbon-Carbon Bond Formation,” $126,289</td>
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**Computer Science**

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<tr>
<th><strong>Dr. Leland Beck</strong></th>
<th><strong>Total:</strong> $299,466</th>
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<tr>
<td>National Science Foundation: “Assessing Student Learning in CS1: Predictors of Success in Subsequent Courses,” $299,466</td>
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<tr>
<th><strong>Dr. Shangping Ren</strong></th>
<th><strong>Total:</strong> $105,527</th>
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<tr>
<td>National Science Foundation: &quot;National Science Foundation Cyber Physical Systems: Transition to Practice 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; $16,000</td>
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<tr>
<th><strong>Dr. Marie Roch</strong></th>
<th><strong>Total:</strong> $437,257</th>
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**Geological Science**

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<tr>
<th><strong>Dr. Steven Day</strong></th>
<th><strong>Total:</strong> $16,000</th>
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<tr>
<td>University of Southern California: “Effect of Off-fault Inelasticity on Near-fault Directivity Pulses,” $16,000</td>
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<tr>
<th><strong>Dr. David Kimbrough</strong></th>
<th><strong>Total:</strong> $1,549</th>
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<tr>
<td>National Science Foundation: “IRES: TRACK 1: RUI: Collaborative Research: The Permo-Triassic Choiyoi Silicic Large Igneous Province: Regional Volcanic Framework and Potential Impact on Global Climate Further Validation of a Dynamic Earthquake Model to Produce Realistic Near-Field Ground Motion,” $1,549</td>
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<th><strong>Dr. Jillian Maloney</strong></th>
<th><strong>Total:</strong> $86,549</th>
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<tr>
<td>California Sea Grant College Program: “Investigation of Blind Faults in the Sacramento-San Joaquin Delta,” $8,708</td>
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<th><strong>Dr. Kim Olsen</strong></th>
<th><strong>Total:</strong> $396,219</th>
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<tr>
<td>U.S. Department of Defense Air Force Research Laboratory: “3D Regional Wave Propagation with Q(f) in East Asia for North Korea Nuclear Tests,” $32,157</td>
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<tr>
<td>U.S. Department of the Interior United States Geological Survey: “Validating High-frequency Ground Motions in Media with Q(f) and Small-scale Heterogeneities,” $60,221</td>
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<tr>
<td>FM Global: “Internship of Nan Wang at FM Global,” $20,880</td>
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<tr>
<td>National Science Foundation: “Collaborative Research: Cross-Validation of Empirical and Physics-based Ground Motion Predictions,” $168,576</td>
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<tr>
<td>University of Southern California: “Characterizing Source Descriptions that Account for Nonlinear Effect in Linear Simulations,” $26,000; “SDSU Broadband Platform Module Extension: Temporal - Spatial Ground Motion Correlation,” $22,999</td>
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</tbody>
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Awards Received July 1, 2018 - June 30, 2019

Willis Limited: “Phase: Enhanced Loss Calculation Based on 3D Ground Motion Calculations for the Pacific Northwest,” $65,386

Dr. Kim Olsen and Dr. Daniel Roten
National Science Foundation Directorate of Geosciences: “PREEVENTS Track 2: 3D Nonlinear Simulation of Large Earthquakes on the Southern San Andreas Fault,” $180,407

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

Dr. Rockwell at Murcia-Alhama fault, Spain
PI and photo: Thomas Rockwell

Dr. Daniel Roten
University of Southern California: “Implementation and Validation of Multi-surface Plasticity in a Discontinuous Mesh Finite Difference Code,” $32,000

Dr. Matthew Weingarten
U.S. Department of Interior United States Geological Survey: “Mitigation of Ongoing Induced Seismic Hazard Years After Reduced Injection Rates: Application of Physics-Based Stochastic Optimization to a Case of Induced Seismicity,” $64,236

Math & Statistics

Dr. Barbara Bailey
University of California at San Diego: “Spatial Identification of Lung Abnormalities in CF Via a Probabilistic Library of MRI Measures of Lung Water Density,” $11,933

Dr. Ricardo Carretero

Dr. Jerome Gilles
Awards Received July 1, 2018 - June 30, 2019

**Dr. Joanne Lobato**

Total: $782,733

National Science Foundation: “Developing and Investigating Unscripted Dialogic Mathematics Videos,” $736,733; “A Controlled Trial of Active Versus Passive Learning Strategies: An Exploration of Online Precalculus Course Design - M. Voigt,” $46,000

**Dr. Antonio Palacios**

Total: $50,281


**Dr. Vadim Ponomarenko**

Total: $345,600

National Science Foundation Directorate for Mathematics and Physical Sciences: “REU Site: San Diego State University Mathematics Research Experience for Undergraduates,” $345,600

Dr. Daniel Reinholz

Total: $314,003

National Science Foundation: “Collaborative Research: Working Meetings to Break Down Theoretical and Disciplinary Silos in Research on Change in Undergraduate STEM Education,” $45,740; “Collaborative Research: Expanding Access: Furthering a Network of Diversity-Focused Programs in the Physical Sciences,” $22,543

University of Colorado Boulder: “Departmental Action Teams: Sustaining Improvements in Undergraduate STEM Education Through Faculty Engagement,” $245,720
STEM education researchers at the Breaking Down Silos conferences hosted by Dr. Daniel Reinholz and Dr. Tessa Andrews at the Center for Research in Mathematics and Science Education (CRMSE).

PI and photo: Daniel Reinholz

**Dr. Peter Salamon**

**Dr. Osvaldo Soto**
California State University Office of the Chancellor: “Advancing Significant California Mathematics Readiness Initiative,” $60,000

College Futures Foundation: “The SDSU/Sweetwater Discrete Math Project Collaborative: Scaffolding for Sustainability,” $290,000

Gompers Preparatory Academy: “Discrete Math Project,” $13,199


**Dr. William Zahner**
National Science Foundation: “CAREER: Fostering Productive and Powerful Discussions among Linguistically Diverse Students in Secondary Mathematics,” $197,566

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**Physics**

**Dr. Calvin Johnson**

University of North Carolina-Chapel Hill: “Nuclear Theory for Double-Beta Decay and Fundamental Symmetries,” $20,000

University of Wisconsin-Madison: “Quantum Computing for Nuclear Matrix Elements for Tests of Fundamental Symmetries,” $50,000
Awards Received July 1, 2018 - June 30, 2019

**Dr. Lyubov Kuznetsova**
National Science Foundation Division of Graduate Education: “Designing Optical Metamaterial Devices with Hyperbolic Dispersion Using Al/Dielectric Nanolayers - P. Kelly,” $46,000

**Dr. Kenneth Nollett**
US Department of Energy: “Quantum Monte Carlo and Fewer-body Approaches to Scattering, Reactions, and Related Properties of Nuclei,” $51,000

**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,” $96,588

**Dr. Fridolin Weber**

**Psychology**

**Dr. Nader Amir**
Florida State University: “Attention Training to Modify ERN and Risk for Anxiety in Adolescence,” $308,332

Rogers Behavioral Health: “Information Processing Bias in OCD,” $100,000

**Dr. Nader Amir and Dr. Vanessa Robin Weersing**
Kaiser Foundation Research Institute: “Effectiveness Trial of Cognitive Bias Modifications (CBM) for Adolescent Anxiety,” $49,648

**Dr. Aaron Blashill**
National Center on Minority Health and Health Disparities: “A Brief, Peer Co-Led, Group-Based Eating Disorder Prevention Program for Sexual Minority Young Adult Men,” $677,278

**Dr. Aaron Blashill and Dr. Kristen Wells**
National Institute of Mental Health: “Developing a Patient Navigation Intervention for PrEP Continuum of Care among Young Latino MSM,” $252,475

**Dr. Ruth Carper**
Simons Foundation: “Characterizing Topographically Variable Dysplasias in Individuals with ASDs,” $167,272

**Dr. Thereasa Cronan**
National Institute on Aging: “SDSU ADAR Program,” $372,141; “SDSU ADAR Program - Administrative Supplement,” $80,999


**Dr. Inna Fishman**
National Institute of Mental Health: “Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder,” $519,969

**Dr. Linda Gallo**
Scripps Research Institute: “Dulce Digital-ME: An Adaptive mHealth Intervention for Underserved Hispanics with Diabetes,” $186,110

University of California at Davis: “MRI Measures of Cerebrovascular Injury and Alzheimer’s Disease Atrophy in a Study of Latinos,” $437,067
Awards Received July 1, 2018 - June 30, 2019

University of California at San Diego: “Neighborhood Environments and Cardiometabolic Disorders in Hispanics/Latinos,” $155,258; “Study of Latinos-Investigation of Neurocognitive Aging (SOL-INCA),” $136,240

**Dr. Linda Gallo and Dr. Scott Roesch**

Scripps/Whittier Institute for Diabetes: “Medical Assistant Health Coaching for Diabetes in Diverse Primary Care Settings,” $305,764

**Total: $305,764**

Dr. Jonathan Helm

Albert & Elaine Borchard Foundation Inc: “Multitrait-Multimethod Analyses for the Social Sciences,” $35,000

**Total: $35,000**

Dr. Phillip Holcomb

Language Learning: “Evaluating the Precision of Newly Learned Orthographic Representations (G. Meade),” $2,000

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


**Total: $66,060**

Dr. Phillip Holcomb and Dr. Katherine Midgley


**Total: $376,250**

Ms. Sarah Inkelis

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

**Total: $44,524**

Dr. Emily Kappenman

National Institute of Mental Health: “Yearly Workshop in the Event-Related Potential Technique,” $452,001

**Total: $452,001**

Industry: “Neural Activity and Emotion Processing,” $438,114

**Total: $1,706,583**

Dr. Joanne Jao Keehn

National Institute of Mental Health: “Impact of Multisensory Function on Symptomatology in Young Children with ASD,” $195,916

**Total: $195,916**

Dr. Vanessa Malcarne

Jewish General Hospital: “Postdoctoral Fellow for SPIN-COACH,” $23,256

**Total: $125,659**

Regents of the University of California: “Creating Scientists to Address Cancer Disparities,” $101,403

Rheumatology Research Foundation: “Medical and Graduate Student Preceptorship,” $1,000

**Total: $1,706,583**

Cincinnati Children’s Hospital: “An Intervention to Reduce Secondhand Smoke Exposure among Pediatric Emergency Patients,” $5,652; “Contribution of Thirdhand Smoke to Overall Tobacco Smoke Exposure in Pediatric Patients,” $52,675
Dr. Sarah Mattson          Total: $617,811

Dr. Ralph Axel Mueller          Total: $715,916
National Science Foundation: “Too Much Information: Neural Mechanisms of Efficient Filtering - L. Mash,” $46,000

Dr. Claire Murphy          Total: $597,592

Dr. Edward Riley          Total: $470,603
National Institute on Alcohol Abuse and Alcoholism: “8th International Conference on Fetal Alcohol Spectrum Disorder,” $35,000; “Administrative Core of the CIFASD,” $435,603

Dr. Edward Riley and Dr. Susan Tapert          Total: $398,957
National Institute on Alcohol Abuse and Alcoholism: “Alcohol Research in the Science/Practitioner Model,” $398,957

Dr. Edward Riley and Dr. Jennifer Thomas          Total: $74,502
National Institute on Alcohol Abuse and Alcoholism: “Congresses of the International Society for Biomedical Research on Alcoholism,” $74,502

Dr. Scott Roesch          Total: $371,927
University of California at Davis: “2/2 Effectiveness of a Multi-Level Implementation Strategy for ASD Interventions,” $22,637
University of California at San Diego: “Identifying Quality Indicators within Multiple EBP Delivery in Child Mental Health Services,” $55,893; “System of Care Evaluation (SOCE),” $262,303; “Testing the Leadership and Organizational Change for Implementation (LOCI) Intervention in Substance Abuse Treatment,” $31,094
Awards Received July 1, 2018 - June 30, 2019

**Dr. Dustin Thoman**  
Total: $186,851  
University of Virginia: “Fostering Resilient Mindsets Through Customized Interventions,” $7,782  
University of Wisconsin-Madison: “Promoting Motivation in Undergraduate Biology and Chemistry Courses,” $179,069

**Dr. Jennifer Thomas**  
Total: $1,399,164  
California Tobacco Related Disease Research Program: “Effects of Prenatal Exposure to Tobacco and Cannabis on Development in Rats,” $602,000  

**Dr. Vanessa Robin Weersing**  
Total: $34,407  
National Institute of Mental Health: “2/2-Family Cognitive Behavioral Prevention of Depression in Youth and Parents,” $34,407

**Dr. May Yeh**  
Total: $105,306  
University of San Diego: “Personalizing Parent Training Interventions for Culturally Diverse Families,” $105,306