Awards Received
July 1, 2021 – June 30, 2022
Cover: California oyster farmers on the water to harvest their growing oysters in Tomales Bay. See page 2. Photo courtesy of Remy Hale at Hog Island Oyster Company
Dr. Monica J. Casper, Dean

Office of the Dean

History graduate student, Thomas Pugh holds an ironstone plate fragment he uncovered at the Nathan Harrison site. Photo courtesy of Seth Mallios

Participants in the NEH Institute the Making of Modern Brazil pose in front of a new mural honoring Marielle Franco. Photo credit: Unknown photographer

History graduate student, Thomas Pugh holds an ironstone plate fragment he uncovered at the Nathan Harrison site. Photo courtesy of Seth Mallios

Participants in the NEH Institute the Making of Modern Brazil pose in front of a new mural honoring Marielle Franco. Photo credit: Unknown photographer
New website developed by Dr. Thomas Herman to support implementation of the California Department of Education’s Blueprint for Environmental Literacy. Photo courtesy of Thomas Herman

Dr. Arielle Levine  
**Total: $16,914**  

California oyster farmers on the water to harvest their growing oysters in Tomales Bay. Photo courtesy of Remy Hale at Hog Island Oyster Company

Dr. Hilary McMillan  
**Total: $152,383**  
National Science Foundation: “GP-UP: Collaborative Research: Quantifying Water Storage and Runoff Processes in Coastal California Watersheds Through an Undergraduate Hydrological Field Experience,” $82,050  
University of California at San Diego: “Evaluation and Improvement of Snowmelt Processes in the National Water Model During Extreme Atmospheric River Events,” $1,923; “Hydrologic Model Evaluation in FIRO 2,” $68,410

Dr. Daniel Sousa  
**Total: $86,125**  
National Aeronautics and Space Administration Jet Propulsion Laboratory: “Analyzing the Land-Use Change Impacts of Oil and Gas Exploration Related Infrastructure Changes on Arctic Communities,” $55,000  
University of California at Santa Barbara: “EAGER: Collaborative Research: Rapid Production of Geospatial Network Inputs for Spatially Explicit Epidemiological Modeling of COVID-19 in the USA,” $36,125

SDSU Geography M.S. student, Stephany Garcia, hard at work maintaining and calibrating a water quality sensor. Photo courtesy of Trent Biggs and Sousa Labs

Dr. Daniel Sousa and Dr. Amy Quandt  
**Total: $130,131**  
University of California at Santa Barbara: “Sustainable Agroecosystems: Harnessing Policy-driven Land Use Change for the Sustainability, Productivity and Vitality of Agroecosystems,” $130,131

Waging Peace in Vietnam essay contest winners. (From left to right: Charles Baliwan, Molly Scheid, Bella Canale, Kyra Hovey, Gregory Daddis). Photo courtesy of Leslie Reilly, CAL

Dr. David Cline  
**Total: $192,074**  
California Department of Parks and Recreation: “Relevancy and History Pilot Project,” $142,074

California State Library: “State Archives Oral History Project,” $50,000

Dr. Gregory Daddis  
**Total: $54,915**  
Charles Koch Foundation: “Faith and Fear: War and America in the Long Cold War Era,” $54,915

Dr. Elizabeth Pollard  
**Total: $149,998**  
National Endowment for the Humanities: “Building a Comics and Social Justice Curriculum,” $149,998

Dr. James Wiese  
**Total: $62,695**  
Palacky University: “Urbanism and Suburbanization in the EU Countries and Abroad: Reflexion in the Humanities, Social Sciences, and the Arts,” $62,695
Religious Studies

Dr. Delroi Whitaker
Total: $28,500
Public Religion Research Institute: “Religion and Renewing Democracy Initiative,” $28,500

Rhetoric and Writing Studies

Dr. Consuelo Salas
Total: $145,832
National Endowment for the Humanities: “Creating Expansive Approaches to the Teaching of Writing in a Southern California Border Region,” $145,832

Sociology

Dr. Sheldon Zhang
Total: $14,989
The City University of New York-John Jay College: “San Diego Trafficking Prevention Collective,” $14,989

Spanish and Portuguese Languages and Literatures

Dr. Ricardo Vasconcelos
Total: $30,328
Camoes Institute: “Support for Language Center,” $2,191; “Support for SDSU Portuguese Program - Teaching and Research,” $28,137
The Steve Fund: “The Community College Equity Assessment Lab (CCEAL),” $39,999

Dr. Felisha Herrera Villarreal
Total: $450,787


National Science Foundation: “Building Capacity: Undergraduate Science, Technology, Engineering and Mathematics (STEM) Transitions, Experiences, and Mobility,” $249,982

Dr. Fred McFarlane
Total: $222,665

California Department of Rehabilitation: “Collaboration to Utilize Existing Data-Based Evidence to Guide California Department of Rehabilitation Planning and Decision Making,” $169,003

San Diego Brain Injury Foundation: “Database and Reporting Project,” $53,662

Administration, Rehabilitation & Postsecondary Education

Dr. Meera Adya
Total: $806,651

California Department of Rehabilitation: “California Department of Rehabilitation’s Pathway to Success (PSP),” $806,651

Dr. Mary Baker Ericzen
Total: $94,422


Dr. Charles Degeneffe
Total: $67,484

San Diego State University: “Technical and Administrative Support Services for the Master of Science in Rehabilitation Counseling - Consortium for Distance Education in Rehabilitation (CDER) Degree Program,” $67,484

Dr. Charles Degeneffe and Dr. Mark Tucker
Total: $199,998

U.S. Department of Education Office of Special Education and Rehabilitation Services: “Rehabilitation Counseling in the Pacific,” $199,998

Dr. Eric Felix
Total: $318,000

College Futures Foundation: “2022-25 SEPI: Towards a Race-conscious Approach to Student Equity Planning,” $318,000

Dr. Maribel Guillermo
Total: $239,150

South Carolina Commission for the Blind: “South Carolina Commission for the Blind - Comprehensive Statewide Needs Assessment,” $87,280


State of Wyoming Department of Health and Human Services: “Wyoming Comprehensive Statewide Needs Assessment,” $52,000

Dr. Frank Harris and Dr. Marissa Vasquez
Total: $39,999

The CCHALES Research Collective hosts a breakfast reception at the American Educational Research Association conference. Members are posing with our first research report on Sustaining and Advancing Racial Equity.

Photo courtesy of Lesley Aguirre, COE Alumnus 2022

Dr. Charles Degeneffe and Dr. Mark Tucker
Total: $199,998

U.S. Department of Education Office of Special Education and Rehabilitation Services: “Rehabilitation Counseling in the Pacific,” $199,998

Dr. Y. Barry Chung, Dean

AWARD TOTAL: $26,035,649
Dr. Sonia Peterson
Total: $149,995
U.S. Department of Education Office of Special Education and Rehabilitation Services:
“Rehabilitation Services Administration,” $149,995

Dr. Caren Sax
Total: $6,907,394
Association for Learning Environments:
“Association for Learning Environments (A4LE),” $23,460
California Department of Education: “Exceptional Family Resource Center (EFRC) Family Empowerment Center 21/22,” $569,520
U.S. Department of Education Office of Special Education and Rehabilitation Services: “Rehabilitation Long-Term Training Program—Vocational Rehabilitation Counseling: Collaboration for Excellence,” $200,000; “Vocational Rehabilitation Technical Assistance Center for Quality Management (VRTAC-QM),” $4,992,862
Down Syndrome Association: “Down Syndrome Association of San Diego – Family Support Services 22/23,” $8,000
Iowa Department of Administrative Services: “Iowa Department for the Blind Comprehensive Statewide Needs Assessment (CSNA),” $50,937
Nevada Department of Employment Training and Rehabilitation: “ERehab Website Upgrade, Hosting and Maintenance,” $35,203
Poway Unified School District: “Exceptional Family Resource Center (EFRC) Poway Alternative Dispute Resolution 21/22,” $13,000; “Exceptional Family Resource Center (EFRC) Poway Alternative Dispute Resolution 22/23,” $13,000
San Diego County Office of Education: “Exceptional Family Resource Center (EFRC) Resolutions for Student Success 21/22,” $77,000; “East County Special Education Local Plan Area (SELP/A) Family Support Services,” $90,000

San Diego-Imperial Counties Developmental Services Inc.: “San Diego Regional Center California Early Start Point of Entry (POE) 21/22,” $127,332
Utah State University: “Targeting Special Education Vocational Rehabilitation Secondary Transition Collaboration Competencies for Improved Transition Outcomes,” $83,145
WestEd Center for Prevention & Early Intervention: “Early Start Outreach Work Group,” $2,500

Dr. Caren Sax cont.
San Diego Imperial Counties Developmental Services Inc.: “San Diego Regional Center California Early Start Point of Entry (POE) 21/22,” $127,332
Utah State University: “Targeting Special Education Vocational Rehabilitation Secondary Transition Collaboration Competencies for Improved Transition Outcomes,” $83,145

WestEd Center for Prevention & Early Intervention: “Early Start Outreach Work Group,” $2,500

Dr. Mark Tucker
Total: $187,037

Dr. Marissa Vasquez
Total: $25,800
American Educational Research Association: “Fostering Scholar Identities Among Latina/o/x Community College Students Via Undergraduate Research,” $5,000
Educational Testing Service: “Scholarship, Equity, & Mentorship via Intellectual Love & Leadership in the Academy for Success (SEMILLAS) Undergraduate Research Fellowship Program,” $20,800

Dr. Marissa Vasquez and her research team members presented their work on the impact of undergraduate research with community college students at the Association for the Study of Higher Education (ASHE) in San Juan, Puerto Rico.

Photo credit: Unknown photographer

Dr. Kelsey Dickson
Total: $169,734
National Institute of Mental Health: “Adapting an Autism Spectrum Disorder (ASD) Executive Functioning Intervention for Implementation in Children’s Mental Health Services,” $169,734

Dr. Sarah Garrity
Total: $268,537
Blue Shield of California: “Strengthening Family Child Care Success (STEPS) to Family Child Care Success - East County Expansion,” $240,851
Price Philanthropies Foundation: “MCT Pilot,” $2,186
The Chicano Federation: “Strengthening Family Child Care Success (STEPS) Barrio Logan Year 2,” $15,000
The San Diego Foundation: “Strengthening Family Child Care Success (STEPS) Year 3,” $10,500

Dr. Teresa Lind
Total: $191,330
National Institute of Mental Health: “Improving Sustainment Through Implementation Supports to Reduce Burnout in Therapists Delivering Child Trauma Evidence-based Practices (EBPs),” $191,330

Dr. Lisa Linder
Total: $886,356
San Diego Social Advocates for Youth: “Social Advocates for Youth (SAY) - HEY Collaboration for Mental Health Services,” $48,305
Dr. Lisa Linder cont.
The San Diego Foundation: “Early Childhood Mental Health Consultation Services and Technical Assistance Center Development,” $90,000

Dr. Karen Myers-Bowman
Total: $1,060,187

Price Philanthropies Foundation: “School in the Park Aide,” $1,060,187

Dr. Sarah Rieth
Total: $292,654

U.S. Department of Education Institute of Education Sciences: “Examining the Efficacy of Project ImPACT for Toddlers,” $146,310

San Diego Regional Center for the Developmentally Disabled: “PUENTE (Padres Unidos En Transformacion Y Empoderamiento),” $105,095

University of California at San Diego: “Adapting the PUENTE (Padres Unidos En Transformacion Y Empoderamiento) Program for Sustainment and Scale Up,” $41,249

Dr. Rachel Schlagel
Total: $44,687

Palo Alto Veterans Institute for Research: “Improving and Sustaining Delivery of Cognitive Processing Therapy (CPT) for Post-traumatic Stress Disorder (PTSD) in Mental Health Systems,” $21,710

University of California at San Diego: “Clinic for Child and Youth Psychiatry (CCYP) Evaluation,” $22,977

Counseling & School Psychology

Dr. Tonika Green
Total: $249,998

U.S. Department of Education Office of Special Education and Rehabilitation Services: “Trauma Leaders Consortium (TLC): Fostering Positive Outcomes for Students with Disabilities in Foster Care,” $249,998

Dr. Katina Lambros Ortega and Dr. Bonnie Kraemer
Total: $249,995


Dr. Laura Owen
Total: $1,502,838


National College Attainment Network (NCAN): “Supporting Postsecondary Enrollment During the COVID Era,” $30,000

Price Philanthropies Foundation: “College Access Compact,” $1,165,083

Siemens Foundation: “Building Social Capital Equity in Science, Technology, Engineering and Mathematics (STEM) Pathways,” $100,000

The San Diego Foundation: “Avenues for Success,” $103,397; “Hoover High School Resource Fair,” $17,000

Dr. Leticia Cristina Pileski
Total: $15,000

First United Methodist Church of San Diego: “Racial Justice Endowment,” $15,000

Dr. Carol Robinson-Zanartu and Dr. Katheryne Leigh
Total: $250,000

U.S. Department of Education Office of Special Education and Rehabilitation Services: “Supporting High-Intensity Mental Health Needs of Native and Indigenous Youth: School Psychologist and Counselor Advanced Preparation (SHPA),” $250,000

Dr. Carol Robinson-Zanartu and Dr. Jennica Paz
Total: $250,000

U.S. Department of Education Office of Special Education and Rehabilitation Services: “Partnering to Unify Education Service for Dual Language and English Learners (PUEDE!),” $250,000
Dr. Brent Taylor  
**Total:** $221,112

Price Philanthropies Foundation: “Marriage and Family Therapy (MFT) Counseling Project in City Heights - Adams, Central, Cherokee Point and Ibarra Elementary Schools,” $110,861; “Charities Counseling Program,” $110,251

**Dual Language and English Learner Education**

Dr. Margarita Machado-Casas  
**Total:** $60,000

U.S. Department of Education Office of Bilingual Education/Minority Languages Affairs: “Project Teach Bilingual Pathways (TBP),” $600,000

Dr. Saul Maldonado  
**Total:** $146,970

American Evaluation Association: “Graduate Education Diversity Internship (GEDI) Scholars: Preparing Emerging Black, Indigenous, and People of Color (BIPOC) Evaluators,” $90,000

Dr. Saul Maldonado cont.  
California State University Sonoma: “Biliteracy and Content Area Integrated Preparation (BCAIP),” $17,372

University of California at Santa Cruz: “Secondary English Learner Science, Technology, and Mathematics (STEM) Content Access,” $39,598

**Educational Leadership**

Dr. Jose Escobedo  
**Total:** $1,414,000

San Diego State University: “National Center for Urban School Transformation (NCUST): Center to Close the Opportunity Gap (CCAG) Proposal: Analysis of America’s Best Schools for All Students Award (ABUS) 2022,” $30,000


San Marcos Consolidated ISD: “National Center for Urban School Transformation (NCUST): Equity and Excellence Audit,” $120,000

Dr. Saul Maldonado, Dr. Cristiana Alfaro, and Dr. Sera Hernandez  
**Total:** $749,068

U.S. Department of Education Office of Postsecondary Education: “Developing Effective Bilingual Educators with Resources,” $749,068

Dr. Saul Maldonado cont.  


Yolo County Office of Education: “National Center for Urban School Transformation (NCUST): Equity and Excellence Audit for Cesar Chavez Community School,” $26,000

Dr. Margarita Machado-Casas  
**Total:** $60,000

U.S. Department of Education Office of Bilingual Education/Minority Languages Affairs: “Project Teach Bilingual Pathways (TBP),” $600,000

Dr. Saul Maldonado  
**Total:** $146,970

American Evaluation Association: “Graduate Education Diversity Internship (GEDI) Scholars: Preparing Emerging Black, Indigenous, and People of Color (BIPOC) Evaluators,” $90,000

Dr. Saul Maldonado cont.  

San Diego County Office of Education: “National Center for Urban School Transformation (NCUST): Strengthening Tier I Instruction to Eliminate Disproportionality - San Diego County Office of Education Special Education Local Plan Area (SELPFA),” $36,000

Dr. Jose Escobedo cont.  
Dr. James Marshall
Total: $15,000
California State University San Marcos:
“Sustaining and Expanding Mobile Making in Underserved Communities,” $15,000

Dr. Ian Pumpian and Dr. Caren Sax
Total: $1,557,783
San Diego Regional Center for the Developmentally Disabled:
“Creative Support Alternatives - Personal Assistance,” $70,000; “Creative Support Alternatives - Supported Living,” $1,293,892
Valley Mountain Regional Center: “Creative Support Alternatives: Independent Living Services Program 2022,” $133,903

Special Education

Dr. Laura Hall
Total: $192,920
University of North Carolina-Chapel Hill:
“Project EXPRESS: Examining Intervention to Promote Executive Function and Social Skills,” $192,920

Dr. Paul Luelmo
Total: $9,660
Napa County Office of Education: “California Protocol for Addressing Significant Disproportionality in Special Education,” $9,660

Dr. Jessica Suhreheinrich
Total: $738,906
U.S. Department of Education Institute of Education Sciences: “The Development of an Empirically-based Adaptation and Training Model for Intervention Scale Up of Classroom Pivotal Response Teaching (CPRT),” $474,929
Marin County Office of Education: “Improving Outcomes for Students with Autism and Related Developmental Disabilities by Scaling Up the Use of Evidence Based Practice,” $139,646
University of California at San Diego: “San Diego Leadership Education in Neurodevelopmental and Other Related Disabilities (LEND),” $124,331

Teacher Education

Dr. Marva Cappello
Total: $32,655

Dr. Lisa Lamb
Total: $96,650
Cajon Valley Union School District: “Fuerte Elementary,” $5,450; “Leadership Cohort,” $78,000

Dr. Cynthia Park
Total: $2,729,685
University of California at San Diego: “Western Regional Noyce Alliance (WRNA),” $306,132

Dr. Donna Ross
Total: $306,132
California State University San Francisco: “Western Regional Noyce Alliance (WRNA),” $306,132

Project EXPRESS research team from UNC, Chapel Hill, and SDSU at their annual retreat in North Carolina. Photo credit: Unknown photographer

Valley Mountain Regional Center: “Creative Support Alternatives: Independent Living Services Program 2022,” $133,903

San Diego Regional Center for the Developmentally Disabled: “Creative Support Alternatives - Personal Assistance,” $70,000; “Creative Support Alternatives - Supported Living,” $1,293,892
Valley Mountain Regional Center: “Creative Support Alternatives: Independent Living Services Program 2022,” $133,903

Special Education

Dr. Laura Hall
Total: $149,734
U.S. Department of Education Office of Special Education and Rehabilitation Services: “Project PIPELINES - Preparing Intervention Personnel as Early Learning Navigators Using Evidence-based Strategies,” $149,734

Dr. Laura Hall and Dr. Estella Chizhik
Total: $9,000
Texas Tech University: “3D Ed Prep 4 All,” $9,000

Dr. Laura Hall, Dr. Kelsey Dickson, and Dr. Bonnie Kraemer
Total: $191,920
University of North Carolina-Chapel Hill:
“Project EXPRESS: Examining Intervention to Promote Executive Function and Social Skills,” $191,920
Dr. Katherine Sciurba  
**Total: $59,225**

Cal Coast Cares Foundation: “Write to Rise Book Projects,” $2,000

College Preparatory Middle School: “Literacy on the Rise at College Prep: An SDSU Literacy Center After-school Program,” $9,620

King-Chavez Neighborhood of Schools: 
“Literacy on the Rise: An SDSU Literacy Center After-school Program,” $38,294; 
“Literacy on the Rise: SDSU Literacy Center Summer Program,” $1,200

Price Philanthropies Foundation: “SDSU Literacy Center: Distance Programming 2021-2022,” $8,111

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Dr. Melissa Soto and Dr. Nicholas Johnson  
**Total: $86,810**

University of California Office of the President: 
AWARD TOTAL: $10,543,161

Office of the Dean

Dr. Eugene Olevsky
Total: $637,178
Burnham Institute for Medical Research: "Stem Cells & Science, Technology, Engineering and Mathematics (STEM) Education - A Summer Internship Program for California High School Students," $1,109

University of California Office of the President:
- "Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP) - Luis Topete,
  - $180,000;
- "2021-2022 MESA Engineering Program (MEP) - Natasha Celise,
  - $10,000;
- "SAPEP One-Time Funds 2021 - MESA - Natasha Celise,
  - $26,696;
- "Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP) - Jeanette Ramos-Espino,
  - $180,000;
- "SAPEP One-Time Funding 2021 - Jeanette Ramos-Espino,
  - $42,267;
- "Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP) - Luis Topete,
  - $180,000;
- "SAPEP One-Time Funding 2021 - Luis Topete,
  - $17,106

Aerospace Engineering

Dr. Jun Chen
Total: $199,723

Dr. Gustaaf Jacobs
Total: $923,607


Dr. Ping Lu
Total: $330,000
National Aeronautics and Space Administration: "Integrated Advanced Entry and Powered Descent Guidance for Human Mars Missions," $80,000;
- "Propellant-Optimal Integrated Entry and Powered Descent Guidance for Human-Scale Mars Mission," $250,000

Civil & Environmental Engineering

Dr. Reza Akhavian
Total: $65,282
National Science Foundation: "CAREER: Co-Adaptation and Trust in Worker-Robot Interaction Toward Scalable Adoption of Collaborative Robots in Construction," $65,282

Dr. Pavel Popov
Total: $294,555
National Science Foundation: "Neural Network-Based Preconditioning of Adaptive Tabulation for Reactive Flow Applications," $294,555

Dr. Satchi Venkataraman
Total: $44,467
California Space Grant Foundation: "Bionspired Design of Vented Porous Structures for the Artemis Mission," $15,000;
- "Undergraduate Engagement and Research Participation in Design of Novel Porous Materials and Structures for the ARTEMIS Mission," $15,000

National Aeronautics and Space Administration: "National Aeronautics and Space Administration (NASA) Fellowship," $14,467

Dr. Lu and his team discuss research progress on advanced entry and powered descent guidance for human-scale Mars mission (From left to right: Sergio Sandoval, Adrian Juarez, Ryan Callan, Ping Lu, Kaylin Borders, Christopher Davami).
Photo credit: Unknown photographer
Dr. Robert Dowell and Dr. Julio Valdes
Total: $224,123
General Dynamics NASSCO: “Fatigue Testing of Full-Scale Swage Panels for Ships,” $224,123

Dr. Christine Dykstra
Total: $413,633
National Science Foundation: “CAREER: Elucidating the Interaction(s) Between Bacteria and Archaea in a Biocathode,” $413,633

Dr. Sahar Ghanipoor-Machiani and Dr. Arash Jahangiri
Total: $232,585
Virginia Polytechnic Institute and State University: “Safety Through Disruption (Safe-D) University Transportation Center (UTC),” $232,585

Dr. Alicia Kinoshita
Total: $140,728
U.S. Department of the Interior Bureau of Land Management: “Predicting Flooding and Sediment Transport for Urban Riverine Environments Affected by Fire and Vegetation Restoration,” $25,000
National Science Foundation: “Coupling Postfire Vegetation and Volumetric Sediment Regimes in Urban Mediterranean Systems,” $115,728

Dr. Marta Miletic, Dr. Margherita Capriotti, Dr. Elisa Torresani, and Dr. Julio Valdes
Total: $29,000
New Mexico State University: “Minority University Research and Education Project (MUREP) Advancing Regolith-related Technologies and Education (MARTE),” $29,000

Dr. Marta Miletic and Dr. Mahasweta Sarkar
Total: $143,326

Dr. Natalie Mladenov
Total: $46,000
National Science Foundation: “Investigating Antibiotics Removal from Wet Onsite Sanitation Systems Using Bench-scale Anaerobic Digesters (Fellowship - Astete-Vasquez),” $46,000

Dr. Hassan Tavakol-Davani
Total: $22,927
University of Southern California: “Enhancing the Resilience of Underserved Coastal Communities Against Compound Flooding,” $22,927

Dr. Matthew Verbyla
Total: $204,874
California State Water Resources Control Board: “Alternative Indicators of Human Fecal Contamination,” $204,874

Mr. Thomas Zink
Total: $560
1,103
Internship student, Kathleen Nguyen, M.S. student, Danielle Hunt, and undergraduate student, Trevor Eckermann, streamgage Alvarado Creek after the 2020-2021 winter season and removal of non-native vegetation. Photo courtesy of Tom Zink
Electrical & Computer Engineering

Dr. Sunil Kumar
Total: $249,992


Dr. Saeed Manshadi
Total: $40,000

Southern California Gas Company: “Farm Electrification: A Roadmap to Remove Carbon Footprint from Agriculture Sector,” $40,000

Dr. Chunting Mi
Total: $129,129


Dr. Huu Nguyen
Total: $25,000

LinQuest Corporation: “Measurement and Analysis of SATCOM Operational Resiliency - Phase II,” $25,000

Dr. Christopher Paolini
Total: $499,998


Dr. Mahasweta Sarkar
Total: $25,381

Auburn University: “The Alliance of Persons with Disabilities and Intersectionality for Inclusion, Networking, and Transition Opportunities in Science, Technology, Engineering and Mathematics (STEM) (TAPDINTO-STEM),” $25,381

Shuofeng Zhao, a post-doctoral research fellow, and Zeyu Chen, a JDP student, working on the NASA and CEC-funded project.

Photo courtesy of Mi Lab

Dr. Nandan Das, CTO of G-C4 Viasat, presenting Viasat's efforts of bringing connectivity to Rural Mexico at the ERC all-hands-meeting at SDSU on March 11, 2022.

Photo courtesy of Mahasweta Sarkar

Dr. Satish Sharma
Total: $832,418

U.S. Department of Defense Office of Naval Research: “Agile Antenna for Troposcatter Communications,” $105,000

First RF Corporation: “Gun-hardened, Hypersonic-capable RF Components for Smart Munitions,” $60,000


Dr. Junfei Xie
Total: $16,000


National Science Foundation: “Planning Grant: Engineering Research Center for Next Generations of Wireless Telecommunication (WiTeC),” $99,712

Dr. Mahasweta Sarkar, Dr. Amirhossein Alimohammad, Dr. Chunting Mi, Dr. Santosh Nagaraj, and Dr. Satish Sharma
Total: $99,712
Dr. John Abraham  
**Total: $5,625**
National Aeronautics and Space Administration:  
“National Aeronautics and Space Administration (NASA) Robotic Mining Competition Stipend,” **$5,625**

Dr. Subrata Bhattacharjee and Dr. Fletcher Miller  
**Total: $154,174**
National Aeronautics and Space Administration:  
“Residence Time Driven Flame Spread: The Final Phase,” **$154,174**

Dr. Joaquin Camacho  
**Total: $508,122**
National Science Foundation:  
“CAREER: Progression from Soot to Nanocrystalline Carbon in Elevated Temperature Flames,” **$508,122**

Shruthi Dasappa, PhD Mechanical Engineering 2021, (left) and Professor Camacho (right) examining their high-temperature flame synthesis process in action. Photo courtesy of Flames, Aerosols and NanoScience Lab

Dr. Parag Katira  
**Total: $65,000**
Columbia University:  
“Identifying the Origin of the Universal Performance Characteristics of Motors,” **$65,000**

Dr. Fletcher Miller  
**Total: $31,000**
National Aeronautics and Space Administration:  
“Developing the Narrow Channel Apparatus as a National Aeronautics and Space Administration (NASA) Standard Material Flammability Test – Flight Experiment,” **$31,000**

Dr. Zahra Nili Ahmada  
**Total: $125,000**
U.S. Department of Defense Air Force Research Laboratory:  

Shruthi Dasappa, PhD Mechanical Engineering 2021, (left) and Professor Camacho (right) examining their high-temperature flame synthesis process in action. Photo courtesy of Flames, Aerosols and NanoScience Lab

Dr. Eugene Olevsky, Dr. Sungbum Kang, and Dr. Elisa Torresani  
**Total: $1,000,000**
National Science Foundation:  
“Collaborative Research: DMREF: Accelerating the Adoption of Sintering-Assisted Additive Manufacturing Using Integrated Experiments, Theory, Simulation and Data Science,” **$1,000,000**

Dr. Eugene Olevsky and Dr. Wenwu Xu  
**Total: $267,000**
Cerion Nanomaterials:  
“Sintering of Carbide Powders,” **$267,000**

Dr. Eugene Olevsky and Dr. Elisa Torresani  
**Total: $100,000**
Cerion Nanomaterials:  
“Sintering of Carbide Powders,” **$100,000**

Dr. Yang Yang  
**Total: $179,402**
National Science Foundation:  
“3D Printing of Bioinspired Hierarchical Structures with Controllable Roughness for Stable and Long-term Air Retention,” **$179,402**

Dr. George Youssef  
**Total: $301,233**
National Science Foundation:  
“Collaborative Research: Multiscale Experimental/Computational Mechanics Investigations into Density Graded Auxetic Foams,” **$301,233**
AWARD TOTAL: $1,563,812

Dr. Joe Belch, Interim Dean

Management Information Systems

Dr. David Goldberg
Total: $74,640

Marketing

Dr. Martina Musteen
Total: $644,821
U.S. Department of Education Office of Postsecondary Education: “Center for International Business Education & Research (SDSU CIBER),” $634,821
San Diego Association of Governments: “Cross Border Consulting,” $10,000

San Diego Association of Governments: “Cross Border Consulting,” $10,000

Mr. John McMillan
Total: $5,000

Project interns stocking fresh fruits and vegetables at one of BrightSide Produce’s partner stores. Credit: Copyright 2021 Annabel Clark. Photo courtesy of Robert Wood Johnson Foundation
AWARD TOTAL: $64,549,147

Dr. Steven Hooker, Dean

Exercise & Nutritional Science

Dr. Michael Buono  
Total: $45,847

Leidos Inc: “Validity of Energy Expenditure on a Cycle Ergometer,” $45,847

Dr. Sara Gombatto  
Total: $36,143

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

Dr. Katrina Maluf  
Total: $37,230

National Institute of Child Health and Human Development: “Role of Patient-provider Communication on Clinical Outcomes of Rehabilitation for Chronic Spine Pain,” $37,230

Dr. Amanda McClain  
Total: $218,780

Albert Einstein College of Medicine: “The Role of Neighborhood and Household Food Environments and Food Shopping Behaviors in Shaping Diet Quality and Glucose Metabolism Among Hispanic/Latino Youth and Their Caregivers Participating in the Supplemental Nutrition Assistance Program,” $25,000

National Heart, Lung, and Blood Institute: “Capacity-oriented Approaches to Food Security, Diet Quality, and Cardiovascular Disease Risk Among Hispanics/Latinos,” $183,054

Tufts University: “Capturing the Latinx Food Insecurity Experience: Perceptions and Interpretations of the Household Food Security Module (HFSM) Among Low-income Latino/a Caregiver,” $10,726

Dr. Leonardo Nogueira  
Total: $433,620

University of California Office of the President: “Mechanisms of Chronic Obstructive Pulmonary Disease (COPD) Sustained Muscle Inflammation Impeded Myofiber Repair and Function,” $433,620

Albert Einstein College of Medicine: “The Role of Neighborhood and Household Food Environments and Food Shopping Behaviors in Shaping Diet Quality and Glucose Metabolism Among Hispanic/Latino Youth and Their Caregivers Participating in the Supplemental Nutrition Assistance Program,” $25,000

National Heart, Lung, and Blood Institute: “Capacity-oriented Approaches to Food Security, Diet Quality, and Cardiovascular Disease Risk Among Hispanics/Latinos,” $183,054

Tufts University: “Capturing the Latinx Food Insecurity Experience: Perceptions and Interpretations of the Household Food Security Module (HFSM) Among Low-income Latino/a Caregiver,” $10,726

Nursing

Dr. Beverly Carlson  
Total: $29,859

University of California at San Diego: “UC San Diego Clinical and Translational Research Institute,” $29,859
Dr. Roopali Gupta  
Total: $1,000

The American Geriatrics Society: “Geriatrics Workforce Enhancement Program (GWEP) Support,” $1,000

Dr. Roopali Gupta and Dr. Philip Greiner  
Total: $1,240,004

Health Resources and Services Administration: “San Diego/Imperial Geriatric Education Center (SDIGEC): Expanding Geriatric Education in Primary Care,” $1,240,004

Dr. Karen Macauley and Dr. Helina Hoyt  
Total: $480,000

California Office of Statewide Health Planning and Development: “Building Capacity for a Bachelor's Prepared Nursing Workforce in Imperial County Through a Cross Enrollment Associate Degree Registered Nurse Bachelor of Science (ADRN-BS) in Nursing Pathway at SDSU Imperial Valley,” $480,000

Public Health

Dr. Elva Arredondo  
Total: $814,045

National Heart, Lung, and Blood Institute: “Enhancing Capacity in Faith-based Organizations to Implement and Sustain Multilevel Innovations to Improve Physical Activity,” $755,604

National Institute of Child Health and Human Development: “Florenciendo Juntas (Growing Together): A Mother-daughter Physical Activity Program,” $3,763

RAND Corporation: “Linking Churches with Parks to Increase Physical Activity Among Latinos,” $24,452

University of California at San Diego: “Improving Family Functioning in Obesity Treatment for Mexican American Women,” $30,226

Ms. Lisa Asmus  
Total: $93,150

San Diego County Health and Human Services Agency: “Community Readiness Assessment for Syringe Services,” $93,150

Core staff and Community Health Workers, Communities Fighting COVID!  
Photo courtesy of Sarah Bond Shepard

Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson  
Total: $377,905

Family Health Centers of San Diego: “Evaluation of the Community Harm Reduction Team (CHRT),” $105,000

Multicultural Health Foundation: “Evaluator for Community Health Worker (CHW) Communication and Outreach Services,” $15,000

San Diego County Health and Human Services Agency: “Evaluation Support Services: Human Immunodeficiency Virus (HIV), Sexually Transmitted Disease (STD) and Hepatitis Branch Services,” $133,905; “Strategic Human Immunodeficiency Virus (HIV) Prevention Project - Evaluation Services,” $30,000

San Diego Social Advocates for Youth: “Safeguard San Diego Partnership for Success - Evaluation Services,” $50,000


Vista Community Clinic: “Prevention Navigator Program: Evaluation Services,” $14,000

Dr. Stephanie Brodine  
Total: $60,354

Indian Health Council: “Native American Research Centers for Health (NARCH) 11 Administrative Core,” $3,153; “Native American Research Centers for Health (NARCH) 11 Student Development Project,” $34,045; “Native American Research Centers for Health (NARCH) Core,” $8,156

University of California at San Diego: “Centers of Excellence,” $15,000

Dr. Jerel Calzo  
Total: $519,937


Dr. Noe Crespo  
Total: $1,035,900

City of Chula Vista: “Advancing Health Literacy to Enhance Equitable Community Responses to COVID-19,” $314,736

National Center on Minority Health and Health Disparities: “Tailored Behavioral Intervention to Prevent Household and Community Spread of COVID-19 Among Latinos,” $635,198

Family Health Centers of San Diego: “Family Health Centers of San Diego (FHCSD) Scientist in Residence Program,” $40,379

University of California at San Diego: “Addressing Health Impacts of Adverse Childhood Experiences through a Collaborative Precision Medicine Approach,” $7,000; “Centers for Multiple Chronic Diseases Associated with Health Disparities: Prevention, Treatment, and Management,” $38,587
Dr. John Elder
Total: $18,447
University of Southern California: “Southern California Center for Chronic Health Disparities in Latino Children and Families,” $18,447

Dr. Kristen Emory
Total: $179,381
California Tobacco-Related Disease Research Program: “Research and Advocacy Training in Conventional and Electronic Forms of Tobacco,” $179,381

Dr. Tracy Finlayson
Total: $28,526
University of North Carolina-Chapel Hill: “Age Cohort Changes in Oral Conditions and Life Transitions in the United States Health and Retirement Study,” $28,526

Dr. Shira Goldenberg
Total: $413,237
University of British Columbia: “Evaluating Impacts of Structural and Community-led Interventions on Sexually Transmitted and Blood Borne Infection (STBBIs) Risk Environments for Street and Off-street Sex Workers,” $310,777; “Impacts of Structural and System-level Interventions on Human Immunodeficiency Virus (HIV)/Sexually Transmitted Infections (STI) and Overdose Epidemics Among Sex Workers (SWs),” $102,460

Dr. Eunha Hoh
Total: $45,000
California Tobacco-Related Disease Research Program: “2021 Cornelius Hopper Diversity Supplement - Melissa Pennington,” $20,000; “2021 Student Supplement: Christine Stewart,” $20,000


Dr. Eunha Hoh and Dr. Nathan Dodder
Total: $1,014,733

University of California at San Diego: “The 2021 ESPINA Study Follow-up Exam: Fungicides, Insecticides, Inflammation and Child Development,” $64,715

University of California at Santa Barbara: “Surface Water Emissions from Cannabis Cultivation Sites: Quantity, Quality, Toxicity, and Relationships to Farmers’ Practices,” $800,000

Dr. Melbourne Hovell
Total: $72,183
University of California at San Diego: “Eliminating In-home Smoking to Protect Children and Other Non-smokers,” $72,183

Dr. Nada Kassem
Total: $659,625

Dr. Neil Klepeis
Total: $338,559
California Tobacco-Related Disease Research Program: “Youth Co-design of a Mobile Personal Exposure Toolkit (PET),” $338,559

Dr. Brandy Lipton
Total: $713,957
National Eye Institute: “Impact of Routine Eye Care Coverage on Access to Eye Care and Fall-related Outcomes Among Low-income Medicare Enrollees,” $563,457

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

Dr. Nicolas Lopez-Galvez
Total: $25,000
National Children’s Center for Rural & Agriculture Health and Safety: “Environmental Health Issues Among Children Living in Imperial County,” $25,000

Dr. Hala Madanat and Dr. Corinne McDaniels-Davidson
Total: $1,642,376
San Diego State University: “Community Health Workers for COVID-19 Contact Tracing in San Diego County,” $1,642,376

Dr. Corinne McDaniels-Davidson
Total: $8,314,548
Dr. Corinne McDaniels-Davidson cont.
Health Resources and Services Administration: “Communities Fighting COVID (CFC)! with Vaccines,” $1,000,000

Indian Health Council: “Native American Research Centers for Health (NARCH) XI Evaluation,” $16,450

San Diego County Health and Human Services Agency: “Tobacco Control Resource Program - Evaluation Services Year 4,” $14,800

Save a Life Foundation: “Development of Professional Education Program for Primary Care Practitioners on Sudden Cardiac Arrest Prevention in Youth,” $12,250

University of California at San Diego: “Cancer Center Support Grants (CCSG) for National Cancer Institute- Designated Cancer Center,” $103,440

Dr. Corinne McDaniels-Davidson and Ms. Martha Crowe
Total: $286,500

California Department of Health Care Services: “Medical Interpreter Pilot Project,” $286,500

Community Health Workers translate forms for farm workers interested in getting the COVID-19 vaccine at Fresh Origins Nursery, San Marcos, CA (April 8th, 2022).
Photo courtesy of Cesar Bucio Zamora

Dr. Corinne McDaniels-Davidson and Ms. Tanya Penn
Total: $143,757

University of California at San Diego: “San Diego Clinical and Translational Research Institute,” $122,757

Sharp Healthcare: “Sharp 2022 Community Health Needs Assessment - Phase 1,” $21,000

Dr. Susan Kiene, Dr. Corinne McDaniels-Davidson, and Dr. Eyal Oren
Total: $4,000,000

National Institute of Child Health and Human Development: “Communities Fighting COVID!: Returning Our Kids Back to School Safely,” $4,000,000

Dr. Eyal Oren
Total: $108,700

California Tobacco-Related Disease Research Program: “Cornelius Hopper Diversity Supplement - Laila Hamzai,” $20,000;
“Cornelius Hopper Supplement - Sergio Renteria,” $20,000


Dr. PJE Quintana and Dr. Eunha Hoh
Total: $751,699

California Tobacco-Related Disease Research Program: “Measuring and Reducing Exposure to Thirdhand Smoke,” $301,000;
“Wristbands to Measure Secondhand Exposure to Tobacco, E-cigarettes and Cannabis,” $450,699

Texas State University: “Promoting Color Brave Conversations in Families: A Public Health Strategy to Advance Racial Equity,” $67,809

Ms. Tanya Penn
Total: $75,000

University of California at San Diego: “1/2 SDSU/UCSD Cancer Center Comprehensive Partnership,” $75,000

Dr. Heather Pines
Total: $15,173


Dr. PJE Quintana
Total: $751,699

National Institute of Child Health and Human Development: “Red Blood Cell Polyunsaturated Fatty Acids and Breast Cancer Mortality in the Women’s Healthy Eating and Living (WHEL) Study,” $185,602

National Cancer Institute: “Hospital Association of San Diego and Imperial Counties (HASD&IC) 2022 Community Health Needs Assessment (CHNA),” $8,500

Hospital Association of San Diego and Imperial Counties: “Hospital Association of San Diego and Imperial Counties (HASD&IC) 2022 Community Health Needs Assessment (CHNA),” $8,500

Dr. Elizabeth Reed
Total: $67,809

Tulane University: “Promoting Color Brave Conversations in Families: A Public Health Strategy to Advance Racial Equity,” $67,809
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<tr>
<th>Name</th>
<th>Total</th>
<th>Institution</th>
<th>Project Description</th>
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<tbody>
<tr>
<td>Dr. Karilyn Sant</td>
<td>$188,451</td>
<td>National Institute of Environmental Health Sciences:</td>
<td>“Elucidating the Role of Peroxisome Proliferator-activated Receptors (PPAR) Signaling in Pancreatic Organogenesis and Juvenile Metabolic Syndrome,” $167,381</td>
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<td>Dr. Emily Schmied</td>
<td>$130,920</td>
<td>RTI International:</td>
<td>“Development and Evaluation of Tailored Sexual Assault and Alcohol Misuse Prevention in Military Settings,” $130,920</td>
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<td>Dr. Sabrina Smiley</td>
<td>$137,818</td>
<td>University of California Office of the President:</td>
<td>“Regulating Menthol Cigarettes: Understanding How Restrictions Affect Retailers and Smokers,” $259,322</td>
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<td>Dr. Paula Stigler Granados</td>
<td>$158,361</td>
<td>Centers for Disease Control and Prevention:</td>
<td>“Reducing the Burden of Parasitic Infections in the United States Through Evidence-based Prevention and Control Activities,” $158,361</td>
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<td>Dr. Erik Storholm</td>
<td>$1,048,392</td>
<td>National Institute of Mental Health:</td>
<td>“Intimate Partner Violence and Human Immunodeficiency Virus (HIV) Prevention Among Sexual Minority Men,” $575,446</td>
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<td>Dr. Faramarz Valafar</td>
<td>$1,355,171</td>
<td>National Institute of Allergy and Infectious Diseases:</td>
<td>“Evolutionary and Functional Significance of Novel Mutations in Multi Drug-resistant Extensively Drug-resistant Tuberculosis (MDR-XDR TB),” $649,789</td>
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<td>Dr. Tianying Wu</td>
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<td>California Tobacco-Related Disease Research Program:</td>
<td>“Cornelius Hopper Diversity Supplement - Cassandra Doyle,” $347,818</td>
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<td>Dr. Tina Wu</td>
<td>$23,000</td>
<td>Price Philanthropies Foundation:</td>
<td>“Social and Emotional Learning Support Program,” $991,663</td>
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<td>Mr. Paul Brazzel</td>
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<td>Price Philanthropies Foundation:</td>
<td>“College Avenue Compact - Wilson Middle School Students Advocates (SDUSD),” $20,000</td>
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<td>Ms. Silvia Barragan and Mr. Paul Brazzel</td>
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<td>Price Philanthropies Foundation:</td>
<td>“Project RISE UP,” $325,536</td>
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Mr. Steven Hornberger
Total: $367,500
Health Net: “Wellness Club Initiative,” $5,000
The Connection: “The Connection,” $10,000
The San Diego Foundation: “Age-Friendly Chula Vista Initiative Evaluation Proposal,” $61,500; “City of Solana Beach: Age-Friendly Communities,” $50,000
The Scan Foundation: “CA Advocacy Network 2022 - 2023 (San Diego Regional Coalition),” $15,000
Ventura County: “County Leadership Facilitation,” $195,507
Mr. Steven Hornberger and Ms. Lori Clarke
Total: $226,786
City of San Diego: “Age Friendly San Diego Action Plan Implementation,” $50,286
Ventura County: “Ventura Family First Prevention Services Act (FFPSA) Prep,” $176,500
Dr. Adrianne Keeney
Total: $61,636
Colorado State University: “High Plains Intermountain Center for Agricultural Health and Safety (HICAHS) Evaluation,” $26,155; “Understanding the Social and Mental Health Safety Net for Agricultural Workers in Colorado and Utah,” $24,481
San Diego County Health and Human Services Agency: “Fostering Academic Success in Education Evaluation,” $11,000
Dr. Jong Won Min
Total: $2,336,411
San Diego County Health and Human Services Agency: “Driving Under the Influence Program (DUIP) 2021-2022,” $2,336,411
Dr. Eileen Pitpitan
Total: $1,227,518
George Washington University: “San Diego SUN: Supporting and Uplifting New and Diverse Scientists in Human Immunodeficiency Virus (HIV),” $20,868
Ms. Jennifer Tucker-Tatlow
Total: $383,969
Ms. Jennifer Tucker-Tatlow and Ms. Jennifer Baum
Total: $20,924,693
California Department of Social Services: “ACL Adult Protective Services Training,” $91,838; “Protective Services AB135 Remediation,” $1,040,000; “California Department of Social Services (CDSS) Adult Protective Services (APS) 22/23,” $70,400
Jennifer Tucker-Tatlow and Ms. Jennifer Baum cont.
Emily Sulpizio, Training Program Coordinator, worked with APS County staff and Production Crew to create a training video, “Asking Inclusive Demographic Questions” for APS professionals to use in their professional development.
Photo courtesy of Kat Preston-Wager, APSWI
California Social Work Education Center: “CalSWEC SERVE Evaluation FY 21-22,” $75,000
County of Riverside Department of Public Social Services: “Riverside County New Practice 22/23,” $596,258
County of San Bernardino: “San Bernardino Children and Family Services,” $2,407,261
National Adult Protective Services Association (NAPSA): “NAPSA National Adult Protective Services (APS) Training Center FY 21/22,” $626,218
San Diego County Probation Department: “San Diego Probation Training FY 21/22,” $1,925,962
The Child and Family Policy Institute of California: “Core Practice Model (CPM) Implementation 22/23,” $75,000
Ventura County: “Ventura Child Welfare Training 21/22,” $1,018,655
Dr. Lianne Urada
Total: $50,000
The Nemeth Foundation: “Estimating the Prevalence of Human Trafficking Among College Students in San Diego-Imperial Counties,” $50,000
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<tr>
<th>Dr. Maria Zuniga and Dr. Eileen Pitpitan</th>
<th>Total: $261,246</th>
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<tr>
<td>National Institute on Drug Abuse: “Addiction Scientists Strengthened Through Education and Training (ASSET),”</td>
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**Speech, Language and Hearing Sciences**

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<tr>
<th>Dr. Ashley Adams</th>
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<tr>
<td>University of California at Irvine: “Developing A2i Spanish Adaptive Progress Monitoring Assessments for PK-3rd Grade,”</td>
<td>$170,351; “Optimizing Learning Opportunities for Students (OLOS) Observation System,”</td>
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<td>$38,655; “Personalizing Literacy Instruction for English Learners,”</td>
<td>$22,357</td>
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<th>Dr. Crystle Alonzo</th>
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<td>American Speech Language Hearing Association: “American Speech Language Hearing Association (ASHA) Mentoring Award,”</td>
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<tr>
<th>Dr. Katina Blumenfeld</th>
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<tr>
<td>National Institute on Deafness/Other Communication Disorders: “Cognitive Effects in Bilingual Adults with and Without a History of Developmental Language Disorder - Jonathan Robinson,”</td>
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<th>Dr. Karen Emmorey</th>
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<th>Dr. Giang Pham</th>
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<tr>
<td>National Institute on Deafness/Other Communication Disorders: “Brain Dynamics of Lexical Retrieval After Left Hemisphere Stroke,”</td>
<td>$149,599</td>
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**Dr. Karen Emmorey cont.**

| National Science Foundation: “Collaborative Research: The Role of Perceptual and Word Identification Spans in Reading Efficiency: Evidence from Deaf and Hearing Adults,” | $462,670; “Using a Novel fMRI Localizer to Characterize Functional Variability in the Sign Language Comprehension Network,” |
| $46,000 |

| University of California at San Diego: “Assessment of Language and Cognition in Older Deaf Signers,” | $240,785 |

| University of Texas Dallas: “An Open Science Platform for the Neurobiology of Language Community,” | $2,680 |

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<th>Dr. Tracy Love-Geffen</th>
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<tr>
<td>National Institute on Deafness/Other Communication Disorders: “Biomarkers of Developmental Language Disorder and Their Relationship to Language Impairment - N. Abbott,”</td>
<td>$717; “Neurocognitive Approaches to Communication Disorders - Administrative Supplement,”</td>
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<th>Dr. Alyson Mills</th>
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| University of Minnesota: “Nonlinguistic Cognitive Processing Commonalities Among Linguistically Diverse Learners with Developmental Language Disorder,” | $138,474 |

**Bilingual Development in Context (BDC) Lab members participated in San Diego’s 2022 TET festival, promoting current research studies, and raising awareness about the importance and need for bilingualism. (From left to right: Sophie Levi, Patrick Bang, Alicia Escobedo (above), Ngoc Do (below), Kaitlan Nguyen, Chris Nguyen, Khanh Nguyen). Photo courtesy of Quynh Dam**

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<th>Dr. Jill Preminger</th>
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<th>Dr. Sonja Pruitt</th>
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<td>Alliance Healthcare Foundation: “College of Health and Human Services IPE Mobile Clinic,”</td>
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**Dr. Jill Preminger cont.**

| Communication Disorders Technology, Inc.: “Collaborative Research: The Role of Perceptual and Word Identification Spans in Reading Efficiency: Evidence from Deaf and Hearing Adults,” | $462,670; “Using a Novel fMRI Localizer to Characterize Functional Variability in the Sign Language Comprehension Network,” |
| $46,000 |

| University of California at San Diego: “Assessment of Language and Cognition in Older Deaf Signers,” | $240,785 |

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Dr. Peter Torre
Total: $536,462

National Institute on Deafness/Other Communication Disorders: “The Association of Perinatal Human Immunodeficiency Virus (HIV) Infection and Hearing Loss in Children of Cape Town, South Africa,” $394,278

Harvard University: “Pediatric Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Syndrome (AIDS) Cohort Study (PHACS) 2021,” $15,714

Johns Hopkins University: “Clinical Research Sites for the Multicenter AIDS Cohort Study (MACS)/Women’s Interagency Human Immunodeficiency Virus (HIV) Study (WHIS) Combined Cohort Study,” $79,207

University of California at San Diego: “Detect: A Novel Device to Assess How Human Immunodeficiency Virus (HIV) Affects Neurocognitive Decline and Postural Instability in Older Adults at Risk for Alzheimer’s Disease,” $47,263
AWARD TOTAL: $1,091,183

Dr. Guillermina Gina Núñez-Mchiri, Dean

Dr. Suzanna Fuentes-Ferreiro
Total: $836,188

AMCO International Education Services, LLC: “English Language Skills (ELS) Certification,” $320,000

Imperial County Department of Social Services: “Computer and Employment Empowerment Program,” $399,188; Medical Administrative Assistant Certificate Program,” $117,000

Dr. Huan Qin and Dr. Tingting Tang
Total: $199,998

National Science Foundation: “Track 1: Hispanic-Serving Institution Pilot Project: Building Capacity: Building Bridges into Math and Science, Technology, Engineering and Mathematics (STEM) at SDSU Imperial Valley,” $199,998
Art Design & History

Professor Annie Buckley
Total: $556,040

California Arts Council: “Prison Arts Collective,” $500,000

Colliers: “CDCR 1515 S Street – Artwork,” $13,040


Santa Monica Community College District: “Prison Arts Collective Exhibition,” $8,000

PAC CIM Guest Artist Group 2021: Prison Arts Collective's team joined with guest artists to provide multidisciplinary art classes developed by artists from the PAC X Hurley Collaboration at California Institution for Men.
Photo Courtesy of Prison Arts Collective by Peter Merts, 2021

Communication

Dr. Heather Canary, Dr. Tiffany Dykstra, and Dr. Kurt Lindemann
Total: $25,000


Dr. Yea-Wen Chen
Total: $13,725


The Waterhouse Family Institute for the Study of Communication and Society
Photo courtesy of The Waterhouse Family Institute for the Study of Communication and Society

Dr. Rachael Record
Total: $301,396

California Tobacco-Related Disease Research Program: “Testing Persuasive Anti-Tobacco Messages for California’s Tobacco Endgame Among Diverse and Underserved Communities,” $235,197

University of Southern California: “Should Hashtags be Part of Tobacco Marketing Regulations?: The Exploration of Hashtag Use in E-cigarette Marketing,” $66,199
Music & Dance

Dr. Kevin Delgado
Total: $232,547

California State University San Bernardino: “Southern Counties California Arts Project (SouthCAP),” $100,000

University of California Office of the President: “Southern California Arts Project (ESSA),” $107,536; “Southern Counties Arts Project (CSMP),” $25,011

Public Affairs

Dr. Bruce Appleyard
Total: $306,093


San Jose State University Foundation: “Evaluation of California’s Active Transportation Program (ATP),” $74,840

Dr. Alan Mobley
Total: $12,500

Cal Poly Pomona Foundation Inc: “Project Rebound Mentorship Program,” $12,500

Dr. Sherry Ryan
Total: $28,052

City of Encinitas: “Beach Access Count Study,” $28,052

Dr. Sherry Ryan and Dr. Madison Swayne
Total: $25,000

California Department of Conservation: “Sustainable Agricultural Lands Conservation (SALC) Program,” $25,000
AWARD TOTAL: $43,356,239

Dr. Jeffrey T. Roberts, Dean

Office of the Dean

Dr. Catherine Atkins
Total: $217,455
National Institute of General Medical Sciences: “Promoting Wellness and Resiliency,” $86,346
University of California at San Diego: “San Diego Institutional Research and Academic Career Development Award (IRACDA): Professors for the Future,” $131,109

Dr. Catherine Atkins and Dr. Stanley Maloy
Total: $46,351
National Institute of General Medical Sciences: “Maximizing Access to Research Careers,” $46,351

Dr. Jose Castillo
Total: $48,913

Dr. Jose Castillo and Dr. Karen Campbell
Total: $330,680
California Department of Conservation: “Surface Expression Risk Assessment Phase II,” $330,680

Dr. Estralita Martin
Total: $45,250
California State University Sacramento University Enterprises Inc.: “California State University Louis Stokes Science, Technology, Engineering and Mathematics (STEM) Pathways and Research Alliance (CSU-LSAMP) National Science Foundation,” $15,000; “California State University Louis Stokes Science, Technology, Engineering and Mathematics (STEM) Pathways and Research Alliance (CSU-LSAMP) Senior Alliance,” $30,250

Dr. Stacy Ochoa Mikrut
Total: $629,475
U.S. Department of Education Office of Postsecondary Education: “SDSU Hispanic-Serving Institution Science, Technology, Engineering and Mathematics (STEM) and Articulation Program,” $629,475

Dr. Ochoa leads STEM Pathways group meeting. Photo courtesy of Stacy Ochoa Mikrut

Dr. Jeffrey Roberts
Total: $15,000
Government of Georgia: “Graduate Award for SDSU-Georgia Chemistry Program - Ani Chakhrakia,” $15,000

Dr. Bing Zhu and Dr. Jose Castillo
Total: $12,108

Astronomy

Dr. William Welsh and Dr. Jerome Orosz
Total: $63,196
SETI Institute: “TESS’ Royal Road to Stellar Astrophysics - Uniform Analysis of Hundreds of Thousands of Eclipsing Binaries,” $63,196
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Project Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Dr. Sanford Bernstein</td>
<td>National Institute of General Medical Sciences</td>
<td>“Genetics and Molecular Biology of Striated Muscle Myosin (MERIT Extension Application)”</td>
<td>$603,601</td>
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<tr>
<td>Dr. Kevin Burns</td>
<td>National Science Foundation</td>
<td>“Migratory Genetics and Subspecies Intergradation in the Allen’s Hummingbird (Selasphorus sasin) (Fellowship - S. Hood)”</td>
<td>$46,000</td>
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<tr>
<td>Dr. Ted Cranford</td>
<td>U.S. Department of Defense Office of Naval Research</td>
<td>“Investigating Bone-conduction as a Pathway for Mysticete Hearing”</td>
<td>$267,164</td>
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<td>Dr. Richard Cripps</td>
<td>American Heart Association</td>
<td>“Establishing the Role of the Conserved TN Domain in Tinman”</td>
<td>$356,492</td>
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<tr>
<td>Dr. Matthew Edwards</td>
<td>National Institute of General Medical Sciences</td>
<td>“Genetic Regulation of Muscle Fiber Diversity.”</td>
<td>$292,420</td>
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<tr>
<td>Dr. Matthew Edwards cont.</td>
<td>National Science Foundation</td>
<td>“National Science Foundation Convergence Accelerator Track E: Developing Blue Economy from Micro to Macro-scale in Kelp Aquaculture”</td>
<td>$557,577</td>
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<tr>
<td></td>
<td>University of California at Davis</td>
<td>“A Multi-pronged Approach to Kelp Recovery Along California’s North Coast.”</td>
<td>$22,050</td>
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<tr>
<td>Dr. Ralph Feuer</td>
<td>California Institute for Regenerative Medicine</td>
<td>“Bridges to Stem Cell Research Internship Program”</td>
<td>$3,606,500</td>
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<tr>
<td>Dr. Lluvia Flores Renteria</td>
<td>National Science Foundation</td>
<td>“Collaborative Research: BEE: Integrating Evolutionary Genetics and Population Ecology to Detect Contemporary Adaptation to Climate Change Across a Species’ Range.”</td>
<td>$258,490</td>
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<tr>
<td>Dr. Lluvia Flores Renteria</td>
<td>National Science Foundation</td>
<td>“Involving Undergraduate Students in Research: A Multi-pronged Approach to Kelp Recovery Along California’s North Coast,”</td>
<td>$9,800</td>
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<tr>
<td>Dr. Kevin Hovel</td>
<td>National Science Foundation</td>
<td>“Indirect Effects of Climate Change on Blue Mussels via Changes to Mussel Parasitism - J. Griffin”</td>
<td>$46,000</td>
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<td>Dr. Megan Jennings</td>
<td>U.S. Department of the Interior United States Geological Survey</td>
<td>“Intergovernmental Personnel Agreement (IPA) with the Southwest Climate Adaptation Science Center/U.S. Geological Survey”</td>
<td>$168,928</td>
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<tr>
<td>Dr. Marina Kalyuzhnaya</td>
<td>Johns Hopkins University</td>
<td>“Integrating Chemical Catalysis and Biological Conversion of Carbon Intermediates for Deriving Value Added Products from Carbon Dioxide,”</td>
<td>$74,274</td>
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<td>Dr. Scott Kelley</td>
<td>University of California at San Diego</td>
<td>“Role of the Gut Microbiome in Polycystic Ovary Syndrome,”</td>
<td>$31,777</td>
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<td>Dr. Linda Kelly</td>
<td>National Science Foundation</td>
<td>“Identification of Coral Exometabolites for Biomarkers of Stress – Quinlan”</td>
<td>$46,000</td>
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Dr. Chun-Ta Lai
Total: $7,504
Wood Group, PLC: “Application of Stable Isotope Ratios to Separate Water Sources During Low Flow Conditions in County of Orange,” $7,504

Dr. Rebecca Lewison
Total: $432,866

Dr. Eve Bohnett and professor, Fang Qiu in Chitwan Nepal holding drone equipment used for surveying large mammals. In the background, two elephants and their trainers. Photo credit: Unknown photographer

Dr. Rebecca Lewison and Dr. Megan Jennings
Total: $118,671
California Department of Fish and Wildlife: “Evaluating Population Persistence for Desert Bighorn Sheep in the Peninsular Ranges, California,” $59,967

Dr. David Lipson and Dr. Xiaofeng Xu
Total: $198,970
National Science Foundation: “RAPID: Interactive Effects of Wildfire and Severe Drought on Plants, Soil Microbes and C Storage in a Semiarid Shrubland Ecosystem,” $198,970

Kyle and Elsa are operating a field spectrometer to collect reflectance measurements of vegetation (essentially measuring greenness). Photo courtesy of David Lipson

Dr. Jeremy Long
Total: $81,730
National Science Foundation: “Determining the Driving Factors of the Corynactis Associational Refuge - Fellowship X. Boone,” $46,000

Dr. Robert Luallen
Total: $406,960
National Science Foundation: “CAREER: Examining Bacterial Filamentation as a Mechanism for Cell-to-cell Spreading in an Animal Host,” $406,960

Dr. Kathleen McGuire
Total: $45,558
Vaxiion: “Efficacy, Immune Mechanism(s), and Pharmacokinetic/Biodistribution Properties of Vaxiion's Investigational Minicell Product Intended for Use in Cancer,” $45,558

Dr. Luke Miller
Total: $193,888

Dr. Walter Oechel and Dr. Samuel Shen
Total: $143,813
City College of New York: “CREST,” $143,813

Dr. Dwayne Roach
Total: $351,741
CFD Research: “A Microfluidic Impedance-Based Bacteriophage Capture and Antibiofilm Analyzer,” $186,081; “Flexible Microfluidic Process Technology for Biopharmaceutical Purification of Bacteriophages,” $75,000; “Smart Bioreactor for Large-scale High Titer Phage Preparations,” $90,660

Dr. Forest Rohwer
Total: $308,246
Dr. Forest Rohwer

Rohwer lab researchers, Jason Baer and Dr. Mark Little, sample Coral Arks to investigate how reef communities assemble from the smallest scales. Photo courtesy of Robert at SeaVentures

Dr. Arun Sethuraman

Dr. Nicholas Shikuma
U.S. Department of Defense Office of Naval Research: “Gut Bacteria Injection Systems Mediating Human-Microbe Interactions,” $255,000

National Science Foundation: “CAREER: Determining How Bacteria Stimulate Animal Metamorphosis,” $224,486

Dr. Mark Sussman
California Tobacco-Related Disease Research Program: “Prenatal Nicotine/Tetrahydrocannabinol Exposure Promotes Myocardial Damage: A Brain-heart Parallel,” $376,250

Dr. Arun Sethuraman
Total: $522,487
California State University San Marcos: “The Architecture of Missing and Archaic Variation in Human Population Genomic Data,” $24,873

Dr. Anca Segall
Total: $1,501,875
The Gordon and Betty Moore Foundation: “Perpetual Viral Origins,” $1,501,875

Dr. Anca Segall
Total: $199,946
Washington University in St. Louis: “Novel Experimental and Computational Resources for Virome Analysis in Inflammatory Bowel Disease,” $199,946

Dr. Douglas Grotjahn

Dr. Xiao Feng Xu
National Science Foundation: “CAREER: Integrating a Microbial Data System with an Earth System Model for Evaluating Microbial Biogeochemistry,” $273,905

UT-Battelle LLC: “Data Model Integration for Methane (CH4) at the S1 Bog and CH4 Module Incorporation into the Energy Exascale Earth System Model,” $43,488

Dr. Xiaofeng Xu
Total: $317,393
National Institute of General Medical Sciences: “Molecular Mechanisms Underlying Sensory Neuron Regeneration and Function,” $397,805

Dr. Ricardo Zayas
Total: $397,805
AE COM Technology Corporation: “AE COM San Diego Gas & Electric (SDGE) Seed Testing - CNF EPM Restoration (Part 2),” $19,990


Mr. Thomas Zink
Total: $1,054,424
San Diego River Conservancy: “Alvarado Creek Bed Fire Fuel Reduction,” $656,815

Chemistry & Biochemistry

Dr. Rees Garmann
Total: $268,207
National Institute of General Medical Sciences: “Mapping the Assembly Pathways for Viral Capsids by Direct Single-particle Measurements,” $268,207

Dr. Douglas Grotjahn
Total: $219,605
Dr. Jeffrey Gustafson  
**Total:** $751,212

National Institute of General Medical Sciences:  
“MIRA: Atropisomerism as a Means to Increase Target Selectivity and as Inspiration for New Chemistry,” $376,250;  
“MIRA: Atropisomerism as an Inspiration for Drug Discovery and New Chemistry,” $374,962

Dr. Christopher Harrison  
**Total:** $55,000

National Aeronautics and Space Administration:  
“Identification and Detection of Chemical Traces of Past Life in Planetary Rocks,” $55,000

Dr. Gregory Holland  
**Total:** $416,522

U.S. Department of Defense Air Force Office of Scientific Research:  
“Hierarchical Assembly of Spider Silk Proteins: Exploring Structural Biology of Biomaterials from the Atomic to the Mesoscale,” $300,417  
U.S. Department of Defense U.S. Army:  
“Developing Aciniform Spider Silk Biomaterials with Unique Structural Transitions and Properties,” $116,105

Dr. Tom Huxford  
**Total:** $161,041

California Metabolic Research Foundation:  
“Arne N. Wick Fellowship - Ryan Holmberg,” $24,469;  
“Matching Funds for the Purchase of an EM Grid Plunge Freezing Instrument,” $16,572  
Rees-Stealy Research Foundation:  
“Rees-Stealy Research Foundation Phillips Gausewitz, M.D., Scholars,” $120,000

Dr. Youngkwang Lee  
**Total:** $388,999

National Science Foundation:  
“CAREER: Mechanisms Controlling Signaling Reactions on Membranes Through Molecular Assembly at Multiple Length Scales,” $388,999

Dr. Byron Purse  
**Total:** $15,940

National Science Foundation:  
“Fluorescent Nucleosides and Oligonucleotides with New Capabilities,” $15,940

Dr. Diane Smith  
**Total:** $181,258

University of Utah:  
“National Science Foundation Center for Synthetic Organic Electrochemistry,” $181,258

Dr. Christal Sohl  
**Total:** $453,660

National Institute of General Medical Sciences:  
“Isocitrate Dehydrogenase (IDH) Mutations as Drivers of Organelle Stress and Dysfunction,” $453,660

Dr. Manal Swairjo  
**Total:** $969,907

National Institute of General Medical Sciences:  
“RNA Modification: Mechanism and Links to Other Metabolic Pathways,” $861,187

University of Florida:  
“Study of Queuosine Salvage and Function in Eukaryotes: A Forgotten Micronutrient,” $108,720

Dr. Yong Yan  
**Total:** $487,531

U.S. Department of Energy National Renewable Energy Laboratory:  
“Center for Hybrid Organic-Inorganic Semiconductors for Energy,” $75,000  
National Science Foundation:  
“CAREER: Tuning Perovskite with Transition Metal Cation-Exchange/Doping Towards Photoredox Complex Organic Synthesis,” $412,531

Graduate student, Isaaq Marquez (left) and Postdoctoral scholar, Dr. Mowaffaq Adam (right) are exploring the kinetic, structural, and cellular consequences of mutations in enzymes that drive tumor growth.  
Photo courtesy of Clara Bard

Doctoral student, Yiziong Lin, postdoctoral researcher, Anthony Burt, and Dr. Yan discuss perovskite photocatalysis in the lab.  
Photo courtesy of Chris Leap
Computer Science

Dr. Xiaobai Liu
Total: $199,691


Dr. Shangping Ren, Ms. Patricia Kraft, Dr. Marie Roch, and Dr. Roger Whitney
Total: $60,000

Northeastern University: “Innovations to Increase Women in Computing,” $60,000

Dr. Marie Roch
Total: $232,081


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

Dr. Marie Roch and Dr. Xiaobai Liu
Total: $148,854


Geological Science

Dr. Samantha Bova
Total: $307,029

National Science Foundation: “Leveraging Models and Data to Identify and Remove Seasonal Biases in Marine Proxy Records,” $307,029

Dr. Shuo Ma
Total: $24,500

University of Southern California: “Generation of Broadband Ground Motion from Dynamic Rupture Simulations: A Group (#21010),” $24,500

Dr. Jillian Maloney
Total: $116,800

University of Nevada Desert Research Institute: “Archaeological Research in Willamette Valley,” $116,800

Dr. Kim Olsen
Total: $92,651


University of Southern California: “Southern California Earthquake Sequence Center (SCEC) Broadband Platform (BBP) Enhancement: Event Approval System (EAS) Scenario and Ridgecrest Sequence Validation (#21110),” $25,984

Dr. Joanne Lobato
Total: $78,428

National Science Foundation: “Developing and Investigating Unscripted Dialogic Mathematics Video,” $78,428

Dr. Antoni Luque Santolari
Total: $100,670

National Science Foundation: “Characterization and Prediction of Viral Capsid Architectures Geometries,” $100,670

Mathematics & Statistics

Dr. Jerame Gilles
Total: $90,199


Dr. Kyle Hasenstab
Total: $10,000

University of Southern California: “Can a Lack of Lake Loading Explain the Earthquake Drought on the Southern San Andreas Fault?” $10,000

Dr. Joanne Lobato
Total: $100,670

National Science Foundation: “Characterization and Prediction of Viral Capsid Architectures Geometries,” $100,670
Dr. Antonio Palacios  
**Total:** $199,080

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Synchronization of Nonlinear Oscillators and Nonlinear Signal Reconstruction,” $199,080

Dr. Daniel Reinholz  
**Total:** $24,663


Dr. Osvaldo Soto  
**Total:** $165,000


College Futures Foundation: “Discrete Math Project Collaborative: Developing a Plan for Sustainability,” $100,000

Jewish Community Foundation San Diego: “Math for America San Diego 2021-22,” $15,000

Dr. William Zahner  
**Total:** $253,051

University of Rochester Warner School of Business: “Exploring Demands from Perspectives of Multiple Stakeholders When Enacting Inquiry-based Mathematics in High-needs Settings,” $253,051

Dr. Matthew Anderson, Dr. Janet Bowers, and Dr. Dustin Thoman  
**Total:** $849,786

National Science Foundation: “Seeing Virtually: Toward a Vision of Teaching Physics in 3-D Space,” $849,786

Dr. Calvin Johnson  
**Total:** $473,692


U.S. Department of Energy Office of Science: “Nuclear Forces, Structures, and Transitions: Computational Studies,” $210,000

Faster Logic LLC: “Quantum Emulation Co-processor Circuit Card Using Analog and Digital Electronics,” $32,296

General Atomics Corporation: “Quantum Emulation of Fusion of Light Nuclei,” $38,725


From left to right: Master’s students Kris McBrian and Mandy Bowman work on Dr. Johnson’s General Atomics project. Ph.D. student Antonio Cobarrubia assists with the Faster Logic project. Photo courtesy of Calvin Johnson

Dr. Rodrigo Navarro Perez, Dr. Calvin Johnson, and Dr. Fridolin Weber  
**Total:** $200,000

U.S. Department of Energy Office of Science: “HADRONs: Helping Amplify Diversity and Research Opportunities in Nuclear Science,” $200,000

Dr. Kenneth Nollett  
**Total:** $75,000

U.S. Department of Energy Office of Science: “Quantum Monte Carlo and Fewer-body Approaches to Scattering, Reactions, and Related Properties of Nuclei,” $75,000

Dr. Usha Sinha  
**Total:** $69,313

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,” $69,313

Dr. Milton Torikachvili  
**Total:** $39,286


Dr. Antonio Palacios  
**Total:** $199,080

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Synchronization of Nonlinear Oscillators and Nonlinear Signal Reconstruction,” $199,080

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Dr. Milton Torikachvili  
**Total:** $39,286

Psychology

Dr. Elva Arredondo
Total: $17,612
Baylor School of Medicine: “Efficacy Trial of a Program for Weight Loss for Hispanic Fathers and Increased Physical Activity for Their Children: ‘Healthy Dads, Healthy Kids’,” $17,612

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

Dr. Ruth Carper and Dr. Ralph Axel Mueller
Total: $701,187

Dr. Sheila Castaneda
Total: $56,368
University of California at San Diego: “ColoRectal Cancer (CRC)-HUB-SPOKE: A ColoRectal Cancer Screening Hub for Southern California Community Health Centers,” $56,368

Dr. Theresea Cronan
Total: $474,490

Dr. Theresea Cronan cont.

Dr. Inna Fishman
Total: $175,920
Autism Speaks: “Longitudinal Differentiation and Organization of Auditory Cortex in Young Children with Autism Spectrum Disorder (ASD)” - B. Chen, $40,000

National Institute of Mental Health: “Administrative Supplement for COVID-19 Impacted National Institute of Mental Health (NIMH) Research: Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder,” $135,920

Dr. Linda Gallo
Total: $2,680,172
Albert Einstein College of Medicine: “New York Regional Center for Diabetes Translation Research,” $57,666

Children’s Mercy Kansas City: “Characterization of Sedentary Patterns and Cardiovascular Disease Risk Markers in Hispanics/Latinos,” $261,766

Scripps Research Institute: “Scripps Research Translational Institute,” $52,664


University of Illinois at Chicago: “Hispanic Community Health Study/Study of Latinos Hispanic Community Health Study/Study of Latinos (HCHS/SOL) Ancillary Study (AS) on Coronary Artery Calcium and Its Association with Protective/Risk Factors and Epigenetic Patterns,” $340,782

University of Miami: “Neighborhood Greenness and Cardiometabolic Health Among Hispanics in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) Study,” $27,332; “Sleep in Neurocognitive Aging and Alzheimer’s Research (SANAR),” $849,751

University of North Carolina-Chapel Hill: “Cardiovascular Health of Sexual and Gender Minorities in the Hispanic Community Health Study/Study of Latinos (SGM HCHS/SOL),” $206,735

Dr. Linda Gallo cont.
University of Washington: “SOLAir: Environmental Factors and Diabetes Development in Latinos,” $93,965

Dr. Keith Horvath
Total: $280,298


Dr. Tristan Inagaki
Total: $1,109,568
National Institute on Drug Abuse: “Understanding How Opioids Affect the Experiential and Neural Signatures of Feelings of Social Connection with Close Others,” $1,058,932; “Understanding How Opioids Affect the Experiential and Neural Signatures of Feelings of Social Connection with Close Others - Diversity Supplement,” $50,636

Dr. Emily Kappenman
Total: $15,174
University of California at Davis: “Yearly Workshop in the Event-Related Potential Technique,” $15,174
Dr. Annika Linke
Total: $752,268

Dr. Vanessa Malcarne
Total: $47,000
National Science Foundation: “Emotion Regulation and Weight Stigma: An Experimental Test of the Effect of Reappraisal and Suppression on Negative Emotion and Cortisol Reactivity,” $46,000

Rheumatology Research Foundation: “Psychometric Evaluation and Measurement Invariance of the UCLA Loneliness Scale in English and French in SSC Patient Population,” $1,000

Dr. Ksenija Marinkovic
Total: $35,465
National Institute on Alcohol Abuse and Alcoholism: “Multimodal Imaging of Cognitive Control in Individuals with a Family History of Alcoholism: J. Happer,” $35,465

Dr. Georg Matt
Total: $1,45,586

Dr. Sarah Mattson
Total: $446,220
National Institute on Alcohol Abuse and Alcoholism: “A Multisite Neurobehavioral Assessment of Fetal Alcohol Spectrum Disorders,” $446,220

Dr. Eileen Moore
Total: $47,146
National Institute on Alcohol Abuse and Alcoholism: “Brain Structure in Adults with Fetal Alcohol Spectrum Disorders (FASD) - L. Aguilar Diversity Supplement,” $47,146

Dr. Claire Murphy
Total: $576,019

Dr. Edward Riley
Total: $733,707
National Institute on Alcohol Abuse and Alcoholism: “Alcohol Research in the Science/Practitioner Model,” $497,363; “Smartphone-based Application to Assist in the Screening/Diagnosis of Fetal Alcohol Spectrum Disorder (FASD),” $216,344

University of California at San Diego: “Administrative Support for National Institute on Alcohol Abuse and Alcoholism (NIAAA) T32 Alcohol Research Training Grant,” $20,000

Dr. Edward Riley and Dr. Susan Tapert
Total: $462,172
National Institute on Alcohol Abuse and Alcoholism: “Alcohol Research in the Science/Practitioner Model,” $462,172

Dr. Scott Roesch
Total: $94,926
University of California at San Diego: “System of Care Evaluation (SOCE),” $94,926

Dr. Ralph Axel Mueller
Total: $584,915
National Institute of Mental Health: “Auditory Precursors of Language Delay in Toddlers with Autism Spectrum Disorders,” $584,915

Rebeca Jimenez, a Research Specialist with MERG, not only collects data during her work hours, but she also volunteers her time at events such as, I Love a Clean San Diego.

Photo courtesy of Measurement and Evaluation Research Group
Dr. Gregory Talavera  
**Total:** $1,922,072

- Columbia University: “Collaborative Cohort of Cohorts for COVID Research (C4R),” $234,786
- National Heart, Lung, and Blood Institute: “Hispanic Community Health Study/Study of Latinos (HCHS/SOL),” $1,331,768
- Northern California Institute for Research and Education: “Non-Alcoholic Fatty Liver Disease and Cardiovascular Disease in Hispanics/Latinos,” $122,155
- Regents of the University of California: “Randomized Control Trial to Reduce Sitting Time in Postmenopausal Latina Women at Increased Risk for Heart Disease,” $35,902

Dr. Gregory Talavera and Dr. Linda Gallo  
**Total:** $608,788

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),” $608,788

Dr. Dustin Thoman, Dr. Christal Sohl and Dr. Miguel Villodas  
**Total:** $897,310

- National Science Foundation: “Broadening Participation and the Culture of Undergraduate Research Experiences,” $897,310

Dr. Jennifer Thomas  
**Total:** $355,867

- National Institute on Alcohol Abuse and Alcoholism: “Fetal Alcohol Effects and Choline Intervention,” $330,942; “Fetal Alcohol Spectrum Disorders Study Group Annual Meeting,” $24,925

Dr. Miguel Villodas  
**Total:** $109,378

- National Institute of Mental Health: “NEUROPSI: Biological and Neural Correlates of Symptoms in Neurodevelopmental Disorders,” $46,000; “Neurocognitive and Physiological Mechanisms in the Intergenerational Impact of Maltreatment- N. Morelli,” $46,000
- U.S. Department of Veteran Affairs: “Effectiveness and Implementation of eScreening in Post 9/11 Transition Programs,” $17,378

Dr. Vanessa Robin Weersing  
**Total:** $354,188

- Children's Hospital Los Angeles: “A Sequential Multiple Assignment Randomized (SMAR) Trial Assessing Medication and Cognitive Behavioral Therapy (CBT) Sequencing Strategies in the Treatment of Predominantly Ethnic Minority, Underserved Youth with Anxiety Disorders,” $29,634
- National Institute of Mental Health: “Video-visit Behavior Therapy for Anxiety and Depression in Youth: A Randomized Effectiveness-implementation Study in Low-resource Primary Care Settings,” $324,554

Dr. Kristen Wells  
**Total:** $163,886

- Moffitt Cancer Center: "A Stepped-Care Psychosocial Intervention for Brain Tumor Family Caregivers,” $14,735
- University of Arizona: “Ethnicity and Lung Cancer Survival: A Test of the Hispanic Sociocultural Hypothesis,” $9,482
- University of Virginia: “Smart and Connected Health (SCH):INT: Collaborative Research: Multiscale Modeling and Intervention for Improving Long-Term Medication,” $139,669

Dr. Jillian Wiggins  
**Total:** $1,080,350

INTERDISCIPLINARY PROGRAMS

Dr. Daniel Sousa, Dr. Trent Biggs, and Dr. Natalie Mladenov  
Total: $199,999

Dr. Hilary McMillan, Dr. Trent Biggs, Dr. Alicia Kinoshita, Dr. Natalie Mladenov, Dr. Hassan Tavakol-Davani, and Dr. Megan Welsh  
Total: $293,846

Dr. Trent Biggs and Dr. Natalie Mladenov  
Total: $116,875
Environmental Protection Agency: "Real-time Monitoring of Water Quality in the Tijuana River," $116,875

Dr. Atsushi Nara and Dr. Tianying Wu  
Total: $8,369
University of California at San Diego: "Integrating Novel GIS and GPS Data to Assess the Impact of Built Environments on Changes in BMI, Physical Activity and Cancer-related Biomarkers in Two Successful Weight Loss Interventions in Women at Risk for Breast Cancer," $8,369

Dr. Yasemin Turan-Qian, Dr. Laura Hall, and Dr. Sonja Pruitt  
Total: $249,700
U.S. Department of Education Office of Special Education Programs: "Project Mainsail - M.A. Degree Interdisciplinary Preparation for Speech-language and Early Intervention Leaders in Autism Spectrum Disorder (ASD)," $249,700

Dr. Donna Ross, Dr. Meredith Houle, Dr. David Pullman, and Dr. Kathleen Schenkel  
Total: $691,705
National Institute of Nursing Research: "SDSU Faculty Unified Towards Excellence in Research and Transformational Engagement (FUERTE): Faculty United Towards Excellence in Research and Transformational Engagement," $691,705

Dr. Frank Harris, Dr. Marissa Vasquez, and Dr. J. Luke Wood  
Total: $149,998
Bill and Melinda Gates Foundation: "The Community College Equity Assessment Lab (CCEAL) Capacity Building," $149,998

Dr. Saeed Manshadi and Dr. Erlinde Cornelis  
Total: $776,459

Dr. Noe Crespo and Dr. Elisa Sobo  
Total: $75,000
Johns Hopkins University: "The Community's Role in an Equitable and Effective COVID-19 Vaccine Rollout," $75,000

Dr. Maria Zuniga, Dr. Eileen Pitpitan, and Dr. Mark Reed  
Total: $451,500
National Institute of Nursing Research: "SDSU Faculty Unified Towards Excellence in Research and Transformational Engagement (FUERTE): Faculty United Towards Excellence in Research and Transformational Engagement," $451,500

Dr. Chukuka Enwemeka and Dr. Violet Bumah  
Total: $19,186
CareWear Corporation: "Effect of Blue Light on Propionibacterium Acnes: Time-kill Studies II," $19,186

PI Dr. Chukuka Enwemeka, Dr. Violet Bumah, and students conducting research. (From left: Ms. Paulina Cortez, Ms. Paulina Rojas, Dr. Chukuka Enwemeka, Ms. Brianna Morrow, and Dr. Violet Bumah). Photo credit: Unknown photographer
Dr. Hala Madanat and Dr. Richard Cripps  
Total: $750,000  
National Cancer Institute: “2/2 SDSU/UCSD Cancer Center Comprehensive Partnership,” $750,000

Dr. Susan Kiene, Dr. Hala Madanat, and Dr. Eyal Oren  
Total: $1,096,717  
“RADx-UP Communities Fighting COVID,” $1,096,717

Dr. Guadalupe X. “Suchi” Ayala and Dr. Kristen Wells  
Total: $3,828,873  
National Center on Minority Health and Health Disparities: “SDSU HealthLINK Center for Transdisciplinary Health Disparities Research,” $3,828,873

Dr. Karen Emmorey and Dr. Phillip Holcomb  
Total: $468,452  
National Institute on Deafness/Other Communication Disorders: “Assessing the Neural Dynamics of Reading in Deaf Adults,” $468,452

Dr. Noe Crespo and Dr. Hala Madanat  
Total: $299,098  

Dr. Chris Rasmussen, Dr. Joanna Brooks, Dr. Susan Nickerson, Dr. Michael O'Sullivan, and Dr. Mary Pilgrim  
Total: $45,311  

Mr. Thomas Zink, Dr. Alicia Kinoshita, and Dr. Natalie Madenov  
San Diego River Conservancy: “Revegetation, Water Quality, Hydrology, and Bioassessment in Alvarado Creek,” $467,691

Dr. Paul Gilbert and Dr. John Elder  
Total: $137,726  
University of California at San Diego: “San Diego Resource Center for Advancing Alzheimer’s Research in Minority Seniors,” $137,726

Dr. Kristen Wells and Dr. Susan Kiene  
Total: $574,999  

Dr. Susan Nickerson, Dr. Janet Bowers, and Dr. Randolph Philipp  
Total: $362,518  
National Science Foundation: “UPTEMPO: Upgrading the Path to Mathematics Teaching by Adding Express and MultiPle On-ramps,” $362,518

Dr. Aaron Elkins, Dr. Eric Frost, Dr. Lance Larson, and Dr. Bongsik Shin  
Total: $243,498  

Dr. Mark Wheeler and Dr. Grace Cheng  
Total: $34,995  
National Endowment for the Humanities: “Human Rights and Border Studies Interdisciplinary Minor,” $34,995

Dr. Mark Wheeler and Dr. Miguel-Angel Zavala-Perez  
Total: $74,999  
California Air Resources Board: “Imperial Valley Community-focused Collaborative Research Plan,” $74,999
Ms. Pamela Jackson and
Dr. Elizabeth Pollard
Total: $149,305

Institute of Museum and Library Sciences:
“Building Capacity for Research and
Teaching with Comics and Graphic Art,”
$149,305
ACADEMIC AFFAIRS

AWARD TOTAL: $159,802

Dr. Salvador Hector Ochoa, Provost
Division of Faculty Advancement and Student Success

Dr. Jessica Barlow
Total: $83,649
City of Lemon Grove: “Sage Project: Lemon Grove Climate Action Plan,” $15,000
San Diego Urban Sustainability Coalition: “Sustainable and Equitable Development in Southeast San Diego,” $43,649
Sempra Energy Foundation: “Sage Project - Lemon Grove Climate Action Partnership,” $25,000

Global Campus

AWARD TOTAL: $446,711

Dr. Karen S. Myers-Bowman, Interim Dean
Office of the Dean

Dr. Karen Myers-Bowman
Total: $306,057
HackerUSA, Inc.: “Cybersecurity Bootcamp,” $277,362
Saudi Arabian Cultural Mission: “2021 Fall,” $13,000; “2022 Spring,” $15,695

Mr. Edward West
Total: $140,654
Institute of International Education: “Fulbright English for Graduate Studies Program,” $140,654
UNIVERSITY LIBRARY

AWARD TOTAL: $1,500

Dr. Scott Walter, Dean
Library and Information Access

Ms. Margaret Henderson
Total: $1,500

University of Washington: “Collection Equity Outreach Awards,” $1,500
AWARD TOTAL: $204,500

Agnes Wong Nickerson, Vice President for Business and Financial Affairs & CFO

California Office of Emergency Services: “Campus Sexual Assault (CT) Program,” $204,500
SDSU
INFORMATION TECHNOLOGY DIVISION

AWARD TOTAL: $1,000

Dr. Jerry Sheehan, Vice President & Chief Information Officer

Instructional Technology Services

Dr. Sean Hauze
Total: $1,000

Alliance Healthcare Foundation: “Virtual Immersive Teaching and Learning (VITaL),” $1,000
AWARD TOTAL: $5,584,397

Ms. Deanna Mackey, General Manager

Mr. Vince Petronzio
Total: $3,603,256


Ms. Trisha Richter
Total: $1,981,141


California Humanities: “Port of Entry Podcast,” $50,000

Ms. Trisha Richter cont.

City of San Diego Commission for Arts & Culture: “One Book, One San Diego,” $16,194

Dr. Seuss Foundation: “One Book One San Diego for Kids and Teens,” $25,000

James Irvine Foundation: “Social Equity Desk,” $220,000

Media Arts Center San Diego: “Speak City Heights,” $110,856

San Diego State University: “Margaret A. Cargill Philanthropies Combined 2021,” $1,201,391

WGBH Educational Foundation: “NOVA Science & Society Yr 2,” $14,500


2021 One Book selections
Photo courtesy of KPBS
AWARD TOTAL: $1,717,365

Dr. Hala Madanat, Vice President

Dr. John Crockett
Total: $1,491,615

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Analytical and Technical Support Services from Undergraduate and Graduate Students at Educational Institutions,” $118,202; “Development of New Microbial Fuel Cell Technologies,” $175,082


AWARD TOTAL: $1,231,947

Dr. J. Luke Wood, Vice President

Office of the Vice President

Ms. Jessica Nare
Total: $600,000
San Diego Housing Commission: "Guardian Scholar Program," $600,000

Student Ability Success Center

Ms. Erica Aros
Total: $527,110
California Department of Rehabilitation: "San Diego State University Workability IV," $192,000
U.S. Department of Education Office of Postsecondary Education: "Student Support Services Project for Students with Disabilities," $335,110

Workability IV Team: (Left) Pearl Burgin, Disability Career Counselor; (Right) Angela Bayne, Workability IV Coordinator/Career Counselor; (Not pictured) Shannon Williams Morris, Workability IV Program Assistant.
Photo courtesy of Peter Vu

Student Health Services

Dr. James Lange
Total: $55,338
The Ohio State University: "Impaired Driving Prevention Among Young Adults," $39,976; "Misuse Prevention and Recovery," $15,362