

FRESNO STATE

Research and Graduate Studies

**Faculty and Staff Proposals
for
Research,
Training,
Serving Our Community
and Advancing Academic
Success**

Submitted April 1, 2017 through March 31, 2018

<u>Principal Investigator</u>	<u>Title/Agency</u>	<u>Status</u>
Abosch, Yishaiya	Seminar in Classical Liberalism 2017-2018 <i>Charles Koch Foundation</i>	Awarded
Akhavan, Nancy	Institutionalizing Linked Learning (Yr. 1 of 2) <i>James Irvine Foundation (via CSU Long Beach)</i>	Awarded
	Advancing Educator Preparation (Yr. 2 of 2) <i>James Irvine Foundation (via Long Beach State)</i>	Awarded
Amarasinghe, Rajee	Transition to Success: Mathematics <i>APLU (via Bill and Melinda Gates Foundation)</i>	Submitted
Amaro, Jennifer	Central California Educational Opportunity Center 2017-2018 (Yr. 2 of 5) <i>U.S. Department of Education</i>	Submitted
Asci, Serhat	Economic Impact Analysis for Pesticide Regulations by Ca-DPR (Yr. 1 of 2) <i>Department of Pesticide Regulation</i>	Submitted
	Updating Pesticide Mill Assessment Forecasting Tool (Yr. 2 of 2) <i>Department of Pesticide Regulation</i>	Submitted
Ashkan, Shawn	Pistachio Plant-Based Irrigation Scheduling (Yr. 1 of 2) <i>CSU ARI</i>	Submitted
	Deep Root Irrigation (Yr. 3 of 3) <i>Pacific Gas & Electric (PG&E)</i>	Awarded
	Forecast of Pistachio Crop Yield using Predictive Machine Learning Modeling (Yr. 3 of 3) <i>State of California, Department of Food and Agriculture</i>	Awarded
Avalos, Antonio	Earned Income Tax Credit Study <i>California Department of Community Service and Development</i>	Awarded
Banerjee, Sankha	Low Powered Portable Water Purification and Desalination System <i>California Energy Commission (CALSEED funding)</i>	Submitted

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Banerjee, Sankha	Research Scholarship Program in Nuclear Engineering and Related Areas at the LCOE, Fresno State (Yr. 1 of 2) <i>Nuclear Regulatory Commission</i>	Submitted
	NIST SURF Gaithersburg <i>U.S. Department of Commerce (NIST)</i>	Submitted
Banerjee, Sankha	NIST SURF Boulder <i>U.S. Department of Commerce (NIST)</i>	Submitted
	REU Site: Research Experience for Undergraduates in Engineered Smart Material (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
Barrera, Imran	Opening Doors for All: Evaluating the Health Impact of Site-Based Parenting Support in Public Housing Communities (Yr. 2 of 3) <i>Robert Wood Johnson Foundation</i>	Awarded
Beare, Paul	Strengthening Effective Management of Educator Candidate Data <i>Bechtel Foundation</i>	Submitted
	Workability IV (2017-18) Yr. 2 of 3 <i>California Department of Rehabilitation</i>	Awarded
	California Teachers Convening - 2017 (Yr. 2 of 3) <i>Gates Foundation (via Cal State Fullerton)</i>	Awarded
Becton-Brown, Alicia	Wayfinders (Yr. 1 of 3) <i>Central Valley Regional Center</i>	Awarded
	Advocacy and Rehab of Persons Living with Disabilities <i>Isnardi Foundation</i>	Submitted
	Wayfinders (Yr.3 of 5) <i>U.S. Department of Education</i>	Awarded
Bengiamin, Marlene	Oral Health Policy Messaging <i>DentaQuest Foundation</i>	Awarded
	Reducing Disparity Project Evaluation (Yr. 1 of 5) <i>West Fresno Family Resource Center</i>	Awarded

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Blumenshine, Steven	Workshop for the development and application of regionally-specific juvenile Chinook Salmon bioenergetics models <i>COAST (CSU)</i>	Submitted
	Bioassessment of Kern Water Bank Ponds <i>Kern Water Bank Authority</i>	Awarded
Bohlin, Carol	California Mathematics Project - ESSA (Federal) Funds - 2018-2019 <i>University of California</i>	Submitted
Bohlin, Carol	California Mathematics Project - CSMP State Funds - 2018-2019 <i>University of California</i>	Submitted
Bommer, Bill	Statewide Restraint Usage Surveys 2018-19 <i>State of California - Office of Traffic Safety</i>	Submitted
Boris, Virginia	Clovis East Area Internal Coherence Leadership Training - 2017-18 <i>Clovis Unified School District</i>	Awarded
	Clovis East Area BCII Pilot Instructional Rounds 2016-17 <i>Clovis Unified School District</i>	Awarded
	Clovis East Area BCII Pilot Leadership Seminars (2016-2017) <i>Clovis Unified School District</i>	Submitted
	Clovis East Area Professional Development Workshops 2016-17 <i>Clovis Unified School District</i>	Submitted
	Dinuba Internal Coherence Leadership Training - 2017-18 <i>Dinuba Unified School District</i>	Awarded
	Dinuba Leadership Team Training - 2017-18 <i>Dinuba Unified School District</i>	Awarded
	Internal Coherence Leadership Training 2017-18 <i>Exeter Unified School District</i>	Awarded

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Boris, Virginia	Executive Coaching 2017-2018 <i>Fresno Unified School District (USDE Passthrough)</i>	Submitted
	Selma Leadership Training - 2017-18 <i>Selma Unified School District</i>	Awarded
	Professional Learning Community (PLC) Training- 2017-18 <i>Selma Unified School District</i>	Awarded
	Executive Coaching Training 2017-18 <i>Twin Rivers Unified School District</i>	Awarded
Brady, Mara	Investigating the Paleobiological and Environmental Consequences of the Paleocene-Eocene Thermal Maximum in Continental Shelf Records <i>David B. Jones Foundation</i>	Submitted
Brar, Gurreet	Almond High Density Trail at CSU Fresno: Developing New Orchard Systems with Modified Row, Tree Spacing Pruning <i>Almond Board of California</i>	Submitted
	Unlocking the Full Yield Potential of Pistachios <i>CA Pistachio Research Board</i>	Submitted
	Overcoming Citrus Nursery Growth Issues by Using Smart Lighting with Different Photoperiods <i>California Citrus Nursery Board</i>	Submitted
	Evaluation of Mechanical and Chemical Strategies to Enhance Winter Chill Accumulation in Pistachios <i>California Pistachio Research Board</i>	Awarded
Brar, Gurreet	Tree Physiology and Horticulture Lab Equipment at CSU Fresno <i>California Pistachio Research Board</i>	Awarded
	Rootstock Trial at CSU Fresno: Performance Evaluation and Studies on New Training Systems for Almonds (Yr. 1 of 2) <i>The Regents of the University of California</i>	Awarded

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Brooks, Cory	Quest Match: Characterization of a Humanized MUC16 Specific Antibody for Cancer Immunotherapy <i>CSUPERB (CSU)</i>	Submitted
	Characterization of a Humanized MUC16 Specific Antibody for Cancer Immunotherapy (Yr. 1 of 2) <i>CSUPERB (CSU)</i>	Submitted
	Nanobodies for the Detection and Neutralization of Listeria Monocytogenes (Yr. 3 of 4 - Amendment) <i>DHHS (NIH)</i>	Awarded
	Nanobodies for the Detection and Neutralization of Listeria Monocytogenes (Yr. 4 of 4) <i>DHHS (NIH)</i>	Awarded
	Expression and Purification of Recombinant MUC1 Antigen <i>OncoQuest Inc.</i>	Awarded
	Recombinant Expression and Characterization of Cell Penetrating Growth Factors for Skin Renewal <i>Quest Pharmatech</i>	Awarded
Bryant, Lisa	California 2018: Using Micro-Surveys to Track Voter Attitudes and Behavior <i>National Science Foundation (NSF)</i>	Submitted
	Vote Center Implementation in California: Analysis of Beta Test in 2018 Primary and General Elections <i>William and Flora Hewlett Foundation (via MIT Election Data and Science)</i>	Submitted
Bush, Jason	A Fresno State - SBPCC Collaborative: Cancer Research Summer Experiences (Yr. 1 of 5) <i>DHHS (NIH)</i>	Submitted
Calderon, Carlos	Examining the Convergent Validity of the Social Orientation Regression <i>American Psychological Association</i>	Submitted

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Calderon-Urrea, Alejandro	Standardizing and Scaling up a Multiplex Protocol for the Detection of Pathogens in Food Samples (Yr. 1 of 2) <i>CSU ARI</i>	Submitted
	Testing Combination of CED4 Peptides and Chalcones as Effective Plant Parasitic Nematicides (Yr. 1 of 2) <i>CSUPERB (CSU)</i>	Submitted
	Biotechnology Innovation Initiative <i>VentureWell</i>	Submitted
Canessa, Peter	Advanced Pumping Efficiency Program VII (Yr. 1 of 2) <i>Pacific Gas & Electric (PG&E)</i>	Awarded
Capitman, John	Subaward from Fresno Co/Partnership to Improve Community Health (Yr. 3 of 3) <i>Centers for Disease Control (via Fresno County)</i>	Awarded
	Communities of Opportunities - Phase II (Amend. 1) <i>Central California Legal Services (CCLS)</i>	Awarded
	CCLS Needs Assessment (Yr. 1 of 3) <i>Central California Legal Services (CCLS)</i>	Awarded
	Asthma Study - Subcontract with UC Berkeley (Am.5) (Yr. 4 of 4) <i>EPA (via Univ. of California)</i>	Awarded
	Fresno Adolescent Health Project - 2018 <i>Essential Access Health</i>	Awarded
	C2C Preconception to 3 Blueprint <i>Fresno County</i>	Submitted
	Moving the Valley Forward Report <i>High Performance Diversity</i>	Submitted
	Fresno BHC Evaluation <i>LPC Consulting</i>	Awarded
	Merced BHC Evaluation <i>LPC Consulting</i>	Submitted

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Capitman, John	Collective Impact Fresno Backbone PTBi (1/1/17-6/30/17) <i>UCSF</i>	Awarded
	Collective Impact Fresno Backbone PTBi (Phase III; Amend. 1) <i>UCSF</i>	Awarded
	SOLARS Phase 1 (Yr. 2 of 3) <i>UCSF</i>	Awarded
	One-Year Innovation Award in Prematurity Research <i>UCSF</i>	Submitted
	Group Prenatal Care Demonstration (GLOW) Amend 1(Yr. 1 of 3) <i>UCSF (via First 5 Fresno County)</i>	Awarded
Caprau, Carmen	Knot Theory and Its Connections to Combinatorics and Algebra (Yr.3 of 5) <i>Simons Foundation</i>	Awarded
Chanda, Neelam	Integrating Transition Theory in Dementia <i>New York Community Trust</i>	Submitted
Chen, Qiao-Hong	Enantiopure Hydnocarpins as Anti-Prostate Cancer Agents <i>CSUPERB (CSU)</i>	Submitted
	RUI: Enantioselective Synthesis of Luteolin-Subtype Flavonolignans (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
	Combinatorial Effect of Quercetin and Curcumin in Triple Negative Breast C (Yr. 1 of 3) <i>Thomas Jefferson University (NIH Passthrough)</i>	Submitted
Clawson, Dan	Water Technology Industry Sector Services <i>Fresno Regional Workforce Development Board</i>	Submitted
Clement, Keith	Project Safe Neighborhoods (Yr. 2 of 2) <i>U.S. Department of Justice (via Fresno PD)</i>	Awarded

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Closser, Kristina	Computational Studies on the Degradation Mechanisms of Pyrethroid Insecticides (Yr. 1 of 2) <i>CSUPERB (CSU)</i>	Submitted
Cordova, Rachel	Summer Food Programs 2017 <i>California Department of Education Nutrition Services Department</i>	Awarded
Coy, Kimberly	Universal Design for Learning (Yr. 1 of 2) <i>USDE (Institute of Education Sciences)</i>	Submitted
Crow, Jennifer	Community Participation Mural Project <i>Isnardi Foundation</i>	Submitted
Crowell, Amber	CAREER: Residential Segregation, Neighborhood Inequalities, and the K-8... (Yr. 1 of 5) <i>National Science Foundation (NSF)</i>	Submitted
	The Stability of Integration and Educational Opportunity Gaps <i>Russel Sage Foundation</i>	Submitted
Crume, Peter	Educational Interpreter Personnel Prep (EIPP)-2016 (Yr. 4 of 5) <i>U.S. Department of Education</i>	Awarded
Culbertson, Avery	Assessing Leadership Curriculum in California Agricultural Education/FFA Programs <i>CSU ARI</i>	Submitted
De La Cruz-Reyes, Pilar	Song Brown RN ED Capitation 2017-2018 (Yr. 3 of 3) <i>Office of Statewide Health Planning and Development</i>	Awarded
DenBeste, Michelle	Youth Voices Bringing Human Right to Life <i>California Humanities</i>	Submitted
	Holodomor Commemoration Symposium <i>The Rotary Club of Fresno</i>	Submitted
DeRoo, Donna	CDPH QI Phase II (Yr. 3 of 3) <i>California Department of Public Health</i>	Awarded

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Dilbeck, Nina	HECT - CA Dept of Education AY 2017-18 <i>U.S. Department of Education</i>	Awarded
Dong, Hongwei	Outdoor Physical Activities: Implications for Transportation and Green Infrastructures <i>San Jose State University</i>	Submitted
Dormedy, Erin	Developing a Generation of Agricultural Change Agents (Yr. 2 of 3) <i>Texas Tech (USDA)</i>	Submitted
Doyle, Matthew	Teacher Resource Center Collection <i>California State Library</i>	Submitted
Duran, Benjamin	Guided Pathways - CVHEC <i>College Futures Foundation</i>	Submitted
	Math Pathways - CVHEC <i>College Futures Foundation</i>	Submitted
	Central/Mother Lode Regional Consortium <i>State Center Community College District</i>	Submitted
	Central Valley Promise Initiative (Yr. 1 of 2) <i>State Center Community College District (State of CA Passthrough)</i>	Submitted
Egan, Candace	Powerful People Video <i>Stanislaus County Center for Human Services</i>	Submitted
Ellis, Margaret	Assessing the Diversity of Root-Colonizing Fungi of Different Grapevine Rootstocks and their Effects on Host Physiology and Disease Susceptibility (Yr. 1 of 3) <i>ARS (Parlier)</i>	Submitted
	Evaluation of the Potential Interaction of Fusarium OxySporum f. sp. Vasinfectum with Rhizoctonia Solani on Disease Development of Cotton and Evaluation of Fungicide (Yr. 2 of 2) <i>California Cotton Ginners & Growers Association</i>	Submitted
	Nematicide in Almond Research Program <i>DuPont Crop Protection</i>	Awarded

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Ellis, Margaret	Improved Nematode Threshold Level Determination in Almond... (Yr. 1 of 3) <i>The Regents of the University of California (UC Riverside)</i>	Submitted
	Acquisition of Goods and Services <i>USDA ARS</i>	Awarded
	Research Support <i>USDA ARS</i>	Awarded
El-Razuok, Hayssam	CRII: SHF: Efficient Hardware Implementations of Arithmetic Operations over GFD (2n) <i>National Science Foundation (NSF)</i>	Submitted
Eryasian, Bill	Strengthening Agricultural Trade Associations - Vietnam <i>U.S. Department of Agriculture</i>	Submitted
	Expanding the Research Capacity in Agricultural Sciences through Modernization of Instrumentation (Yr. 2 of 2) <i>U.S. Department of Agriculture</i>	Awarded
	Cochran Fellowship Program for Burkina Faso, Mali and Senegal <i>USDA FAS</i>	Submitted
	Natural Food Projects & Retail Management - China <i>USDA FAS</i>	Submitted
	Preparing Future Veterans for Careers in Agriculture Through Practical Farming Skills Training (Yr. 1 of 3) <i>USDA NIFA</i>	Submitted
Escamilla, Eluterio	Regular Student Support Services (Yr. 3 of 5) <i>U.S. Department of Education</i>	Submitted
	Veterans Student Support Services (Yr. 3 of 5) <i>U.S. Department of Education</i>	Submitted
Fan, Qin	Effects on Flood Insurance in Houston <i>Texas General Land Office (via Texas A&M)</i>	Awarded

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Fiorentino, Chris	Jumpstart FY 17-18 CNCS Funding <i>Jumpstart Inc.</i>	Submitted
	Jumpstart FY 17-18 Private Funding <i>Jumpstart Inc.</i>	Submitted
Foster, David	Sonoma County Safety Organized Practice Training Services '18 <i>County of Sonoma</i>	Submitted
	California Practice Model Institute <i>CalSWEC UC Berkeley</i>	Awarded
	CCTA BAA California Practice Model Institute <i>CalSWEC UC Berkeley</i>	Awarded
	CCTA/BAA Alameda County CWS '18 (Yr. 1 of 3) <i>County of Alameda</i>	Awarded
	Kings County Core Practice Model/Safety Organized Practice Training 18 <i>County of Kings</i>	Awarded
	Marin County Child Welfare Training '18 <i>County of Marin and Human Services</i>	Awarded
	CCTA BAA Santa Cruz CWS Training '18 <i>County of Santa Cruz Human Services Department</i>	Awarded
	Monterey County Child Welfare Training '18 <i>Monterey County Family and Children's Services</i>	Awarded
	Napa County CWS Training ' 18 <i>Napa County Health and Human Services Agency</i>	Awarded
	CCTA BAA Napa County CWS '17 Amendment (Yr. 2 of 2) <i>Napa County Health and Human Services Agency</i>	Submitted
	Solano County Child Welfare Training '18 <i>Solano County Child Welfare Services</i>	Awarded

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Foster, David	Stanislaus Grievance Review Officer '18 (Yr. 1 of 2) <i>Stanislaus County Community Service Agency</i>	Awarded
	CCTA Master CDSS (Yr. 3 of 3) <i>State of California, Department of Social Services</i>	Awarded
	CCTA Tulare County Child Welfare Training '18 <i>Tulare County</i>	Awarded
	Tulare County Child Welfare Training '17-18 <i>Tulare County</i>	Awarded
	Ventura County Field-Based Training '18 <i>Ventura County Human Services</i>	Submitted
	Ventura County Grievance Review 2017-18 <i>Ventura Human Services Agency</i>	Awarded
Fox, Andrew	Smart Prosecution Initiative (Yr. 2 of 2) <i>U.S. Department of Justice (via Jackson County, MO)</i>	Awarded
	Police-Prosecution Partnership Initiative (Yr. 2 of 2) <i>U.S. Department of Justice (via King County, WA)</i>	Awarded
Fulop, Sean	Addressing Clinical Measurement of Formants (Yr. 1 of 5) <i>NIH (via Haskins Laboratories)</i>	Submitted
Gamez, Ofelia	Kern County Events 2017-2018 <i>Kern County Office of Education, Migrant Services</i>	Submitted
	Madera County Multi-Lingual Program 2017 <i>Madera Unified School District</i>	Awarded
	Madera Scholars 2017 Summer Program <i>Madera Unified School District</i>	Awarded
	Merced VAPA Program Summer 2017 <i>Merced County Superintendent of Schools</i>	Awarded
	Fresno State CAMP 2017-2018 (Yr. 4 of 5) <i>U.S. Department of Education</i>	Submitted

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Gao, Yongsheng	Collaborative Research: Explorations in High Energy Physics at ATLAS Experiment of LHC by the California State University (CSU) System <i>National Science Foundation (NSF)</i>	Submitted
	IRES: A New US-CERN Summer Program on ATLAS Experiment of LHC at CERN (Yr. 3 of 3) <i>National Science Foundation (NSF)</i>	Awarded
	Collaborative Research: Exploration in High Energy Physics at ATLAS experiment of LHC by the California State University (CSU) System (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
Gilbert, Marie	Song Brown SB Capitation 2018-2020 (Yr. 1 of 2) <i>OSHPD (Office of Statewide Health Planning and Development)</i>	Submitted
Gjoshe, Renaldo	California Map Digitization Project <i>National Archives</i>	Submitted
Goorahoo, David	Development of Video Curriculum on Vegetable Crops (Yr. 2 of 3) <i>UC Davis (Cal Dept. Food and Ag)</i>	Awarded
Goto, Joy	LSAMP 2017-2018 Participant Support <i>CSU</i>	Awarded
	Transforming College Teaching: Statewide Implementation of the Faculty Learning... (Yr. 1 of 3) <i>National Science Foundation (UC Berkeley)</i>	Submitted
Gousset, Karine	LCM and RNAseq: Collecting the Transcriptome of Tunneling Nanotubes (Yr. 1 of 2) <i>CSUPERB (CSU)</i>	Submitted
Green, Sarge	Water for California's Agriculture & Food Industries: Mgt. Use & Reuse Farm Basin (Yr. 1 of 4) <i>Public Policy Institute of California</i>	Awarded
	Nile Garden Drinking Water <i>State Water Resources Control Board</i>	Awarded

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Green, William	Pesticide Education for the Central Valley Farming Communities (Yr. 1 of 3) <i>CA Department of Pesticide Regulation</i>	Submitted
Gu, Sanliang	An Integrated Decision-Support System and Framework for Secure and Sustainable Water Use in Perennial Crop Production (Yr. 1 of 4) <i>Purdue University (USDA NIFA Passthrough)</i>	Submitted
Hammons, Amber	Improving the Health of Hispanic Children and their Families with a Community (Yr. 3 of 4) <i>University of Illinois (USDA)</i>	Awarded
Hasson, Alam	Ultrafine Particle Sample Collection (Yr. 2 of 2) <i>UC Davis</i>	Awarded
Herrera, Ismael	Coalinga-Huron Unified School District 2016-2017 <i>Coalinga-Huron Unified School District</i>	Awarded
	Coalinga-Huron Unified School District Middle School 2016-2017 <i>Coalinga-Huron Unified School District</i>	Awarded
	Central Valley AgPlus and Beverage Manufacturing Consortium (Yr. 2 of 2) <i>Economic Development Administration (Valley Vision)</i>	Awarded
Herrera, Ismael	Fresno County - Sustainable Communities Strategy <i>Fresno Council of Governments</i>	Awarded
	Fresno. Clovis - Sustainable Communities Strategy <i>Fresno Council of Governments</i>	Awarded
	Community Based Outreach Mini Grant Programs - SJCOG <i>San Joaquin Council of Governments</i>	Awarded
	Tulare Kings Small Business University <i>Wells Fargo Bank</i>	Awarded

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Herzig, Lisa	Preparing Underrepresented Students for Careers in Agriculture through Curriculum Development, Program Enhancement and Innovative Experiential Learning (Yr. 3 of 3) <i>CSU Stanislaus (USDA passthrough)</i>	Awarded
	Proposal for the Wonderful Company Collaboration with CSU Fresno and SFSU (Yr. 1 of 2) <i>The Wonderful Company</i>	Submitted
Ho, Pei-Chun	RUI: Investigation of Strongly Correlated Electron Behavior in Rare Earth-Related Materials (Yr. 3 of 3) <i>National Science Foundation (NSF)</i>	Awarded
Howard, Veena	Gandhi's Global Legacy <i>Uberoi Foundation</i>	Awarded
Huerta, Teresa	Central Calif. World Language Project- ProfDev- 2017-18 <i>University of California</i>	Awarded
	Central California World Language Project- CSMP State Funds - 2018-19 <i>University of California</i>	Submitted
	Central California World Language Project- CSMP/ESSA (Federal) - 2018-19 <i>University of California</i>	Submitted
Jackson, Marianne	Focused Behavior Services (Yr. 2 of 2) <i>ACCESS</i>	Awarded
	Behavior Intervention Services <i>Central Unified School District</i>	Awarded
Jackson, Marianne	Behavior Intervention Services <i>D&D Residential</i>	Submitted
	Behavior Intervention Services <i>Hope for Youth</i>	Submitted
	Behavior Intervention Services <i>Serenity Group Homes</i>	Awarded

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Jacobsen, Tim	Soil Column Study <i>Aquatrols Corporation of America</i>	Awarded
	Column Study on Water Treatment <i>Planet Horizons Technologies</i>	Awarded
	Using Agricultural Waste to Reclaim Compromised Water for Food Production (Yr. 1 of 3) <i>University of Tennessee Knoxville (USDA Passthrough)</i>	Submitted
Jakobs, Lynn	Rural Hispanic Community Access to Health Care <i>Kaiser Permanente</i>	Awarded
Joubert, Cassandra	Increasing Early Start's Capacity <i>CA Dept. of Development Services (via CVRC)</i>	Submitted
	Central Valley Regional Center Diversity Project (Yr. 1 of 2) <i>Central Valley Regional Center (CVRC)</i>	Submitted
Khoshnoud, Farbod	Nature-Inspired Navigation Algorithms for Autonomous Maneuvering in the Framework... (Yr. 1 of 3) <i>NASA</i>	Submitted
Kim, Young	Drone Characterization <i>DGIST (South Korea)</i>	Awarded
Konduru, Srinivasa	Training for Cold Chain Management <i>U.S. Department of Agriculture</i>	Submitted
	Training the Next Generation of Multicultural Scholars in Agricultural Marketing and Management (Yr. 1 of 5) <i>USDA NIFA</i>	Submitted
Kriehn, Gregory	Evaluating and Extending the Use of Small Unmanned Aerial Vehicles (UAVs) as a Crop Monitoring Tool (Yr. 3 of 5) <i>The Regents of the University of California</i>	Awarded
Krishnan, Viswanathan	Breast Cancer Metabolomics in Model Cellular Systems <i>CSUPERB (CSU)</i>	Submitted

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Krishnan, Viswanathan	Bridges to the Doctorate 2017-2018 (Yr. 3 of 5) <i>DHHS (NIH)</i>	Awarded
	Fresno State Bridges to the Baccalaureate Program (Yr. 1 of 5) <i>NIH</i>	Submitted
	RISE Program <i>NIH</i>	Submitted
	MARC U-STAR Program at Fresno State (Yr. 1 of 5) <i>NIH</i>	Submitted
	RUI: Molecular Determinants of Intrinsically Disordered FG-Nucleoporins <i>National Science Foundation (NSF)</i>	Submitted
	MRI: Acquisition of a 500MHz NMR spectrometer for enhanced interdisciplinary (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
Lama, Gyanesh	Electronic Mobility (E-Mobility) Incentive Program <i>San Joaquin Valley Air Pollution Control District</i>	Submitted
Lankford Samuel	Fresno (PARCS) Mystery Shopping Report <i>City of Fresno</i>	Awarded
Larralde-Muro, Jesus	Student Interns - City of Clovis (Yr. 2 of 3) <i>City of Clovis</i>	Awarded
	Faculty Development Program in Nuclear Engineering and Related Areas at the... (Yr. 1 of 3) <i>Nuclear Regulatory Commission</i>	Submitted
Law, Deify	Simulation of Combustion and Emissions Behavior of Second-Generation Biofuels <i>San Jose State University (CSU Transportation Consortium)</i>	Submitted
Law, Deify	Computational Flow Dynamics Measurements of T.A. Industries Residential <i>T.A. Industries</i>	Awarded

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Leal-Quiros, Edertho	Basic Research Experiments of Plasma Physics towards Applications in Several Schools (Yr. 1 of 3) <i>US Department of Defense</i>	Submitted
Lent, David	Modeling Neural Circuit and Cognitive Dysfunction for Better Understanding of Tau Pathologies (Yr. 1 of 3) <i>NIH</i>	Submitted
Levi, Annette	Exploring Consumer Preferences in Wine Clubs <i>CSU ARI</i>	Submitted
	Putting Phenotypic and Genotypic Tools to Work for Improving Walnut Rootstocks (Yr. 1 of 4) <i>UC Riverside (Prime: USDA NIFA)</i>	Submitted
Li, Ming	CHS: RUI: Small: Kinect Based Intelligent Real-Time In-Home Rehabilitation System (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
Li, Xiaojun	Evaluation of Bonded Concrete Overlays on Asphalt Pavements (Yr. 1 of 2) <i>Transportation Research Board (U.S. Department of Transportation passthrough)</i>	Submitted
	Development of an Innovative Mix Design Procedure for Hot Mix Asphalt (Yr. 1 of 2) <i>Transportation Research Board (US Dept. Transp. passthrough)</i>	Submitted
Liang, Jiaochen	ARI: SEED GRANT: Economic Risks of California Agricultural Firms <i>CSU ARI</i>	Submitted
Liang, Zhi	Merging Dynamics of Gas-Filled Nanobubbles via Molecular Simulations and Theories (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
Liu, Lubo	INFEWS: US-China: Collaborative Research: Investigating the Role of Wet Wastes in the Global Circular Economy: Sustainable conversion to... (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted

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Lomeli, Jose	Migrant English Learners and Families Program (Yr. 1 of 5) <i>U.S. Department of Education</i>	Submitted
Lopes, Maria-Aparecida	Meat in the Marketplace: Brazil in the Global Livestock Economy (1850-1950) <i>National Endowment for the Humanities (NEH)</i>	Submitted
Lucey, Christopher	Sanctuary and Youth Services (2017-22) (Yr. 1 of 5) <i>Fresno EOC</i>	Awarded
Luo, Vivien	RET Site: Research Experiences for High School Teachers in Zero Net Energy (Yr. 1 of 2) <i>National Science Foundation (NSF)</i>	Submitted
Macias, Luis	Racial Justice and Equity in the San Joaquin Valley Initiative <i>Lumina Foundation</i>	Submitted
Maitra, Santanu	Deed Alternative <i>CSU ARI</i>	Submitted
	The Advancing Chemistry Research and Education (ACRE) Program (Yr. 1 of 3) <i>USDA NIFA</i>	Submitted
Mann, Li	Summer Chinese Immersion Program <i>National Security Agency</i>	Submitted
Marshall, James	Collaborative Research: AGEP Transformation Alliance: A California HSI Alliance for Pedagogy as Preparation for the Professoriate (Yr. 1 of 5) <i>National Science Foundation (NSF)</i>	Submitted
	Fresno State McNair Program 2017-2022 (Yr. 1 of 5) <i>U.S. Department of Education</i>	Submitted
Medina, Jessica	SNAP-Ed on CSU Campuses (Yr. 1 of 2) <i>CSU Chico (USDA Passthrough)</i>	Submitted
Mendoza, Cecilia	College and Career Readiness for English Learners <i>James Irvine Foundation (via CSU Long Beach)</i>	Submitted

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Meyer, Christopher	HCOP 2017-2018 <i>UCSF (CA Endowment)</i>	Submitted
Milevoj, Emil	Central YEA 2017-2018 <i>Central Unified School District</i>	Submitted
	FUSD 5th Grade STEM 2017-2018 <i>Fresno Unified School District</i>	Submitted
	FUSD 6th Grade Kids Invent 2017-2018 <i>Fresno Unified School District</i>	Submitted
	FUSD YEA 2017-2018 <i>Fresno Unified School District</i>	Submitted
Mizuno, Walter	Development of a Strawberry Orientation Production System <i>California Strawberry Commission</i>	Submitted
Moore, Scott	AGAPE Kids Invent - 3rd thru 5th Grades <i>AGAPE Corporation</i>	Awarded
Muchalski, Hubert	RUI: Organogold Chemistry Involving Siloxides and Silanois <i>National Science Foundation (NSF)</i>	Submitted
Muller, Ulrike	RUI: Suction Feeding in Small Organisms - Overcoming the Size Limit (Yr. 4 of 4) <i>National Science Foundation (NSF)</i>	Awarded
Muñoz, Natalie	Quebec History, Culture and Literature <i>Quebec Government Office</i>	Awarded
Na, Woonki	MRI: Capacity Building for Research and Education in Power and Energy Application (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
	Development of Advanced Controller for a Hybrid Power System (Yr. 1 of 3) <i>US Department of Defense</i>	Submitted
Nambiar, Arun	SI2-S2I2 Conceptualization: Knowledge Management Framework Using Machine Learning <i>National Science Foundation (NSF)</i>	Submitted

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Nambiar, Arun	Spokes: Small: West: Big Data- Based Knowledge Management System for Agricultural Decision Support (Yr. 1 of 2) <i>National Science Foundation (NSF)</i>	Submitted
Nazari, Maryam	Collaborative Research: Design and Behavior of Non-Rectangular Cross-Laminated Timber Walls to Enable more Efficient Tall Wood Buildings (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
	Collaborative Research: NRT: A Holistic Training in Hazard Mitigation and Community (Yr. 1 of 4) <i>National Science Foundation (Collaboration with Iowa State)</i>	Submitted
Nef, Dennis	Madera County Comprehensive Literacy Activities Supporting Success (CLASS) (Yr. 1 of 2) <i>California Workforce Development Board</i>	Submitted
	City of Livingston Consulting 2017-2018 <i>City of Livingston</i>	Submitted
	Parent University Coalinga-Huron Middle School 2017-2018 <i>Coalinga-Huron Unified School District</i>	Submitted
	Parent University Cutler Orosi 2017-2018 <i>Cutler-Orosi Unified School District</i>	Submitted
	Enterprise Community Partners <i>Enterprise Community Partners, Inc.</i>	Submitted
	Parent University Firebaugh Las Deltas 2017-2018 <i>Firebaugh-Las Deltas Unified School District</i>	Submitted
	Outreach Marketing of Measure C AgWorker VanPool Program <i>Fresno Council of Governments</i>	Submitted
	EOC USDA Farm Reedley Ed 2017-2018 <i>Fresno Economic Opportunities Commission (USDA Passthrough)</i>	Submitted
	Parent University MUSD-2017-2018 <i>Madera Unified School District</i>	Awarded

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Nef, Dennis	Community Facilities Technical Training and Assistance Grant <i>U.S. Department of Agriculture</i>	Submitted
	REAPing Benefits in the San Joaquin Valley <i>U.S. Department of Agriculture</i>	Submitted
	UC Merced Small Business Development Center Amendment <i>UC Merced (SBA Passthrough)</i>	Awarded
	Fresno County Emerging Rural Businesses <i>Wells Fargo Bank</i>	Awarded
Nelson, Fred	Integrated Teacher Preparation Program (Yr. 2 of 2) <i>California Commission on Teaching Credentialing</i>	Awarded
	Masters Advancing Excellence in STEM for the Central Valley (Yr. 1 of 5) <i>National Science Foundation (NSF)</i>	Submitted
	Western Regional Noyce Alliance (Yr. 1 of 3) <i>National Science Foundation (via SFSU)</i>	Submitted
Nichols, Tanya	Young Writers' Conference at Fresno State <i>Cultura Arts Rotary Club of Fresno</i>	Submitted
Nguyen, The	Developing an Electric Test-Run Power Unit for Testing <i>Flory Industries</i>	Awarded
	System Development- Vitaline Ice Cream Making Machine <i>SaltiSweet</i>	Submitted
	Design of Bed Platform Assembly for Mercedes Sprinter Van <i>SportsMobile West</i>	Awarded
	Product and Technology Entrepreneurship for First Year Mechanical Engineering <i>VentureWell</i>	Awarded

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Nogin, Maria	Expanding the Fresno Math Circle and Other Enrichment Activities <i>Mathematical Association of America (MAA)</i>	Submitted
Nunna, Ramakrishna	Advancing Unmanned Aerial Systems Research 2017 <i>California Space Grant (CaSGC) Workforce Development Program (NASA Passthrough)</i>	Awarded
	MESA MEP Program 2017-2018 <i>UCOP</i>	Submitted
	MESA ORACLE Summer Program 2017-2018 <i>UCOP</i>	Submitted
	MESA Schools Program 2017-2018 <i>UCOP</i>	Submitted
Oka, Lalita	MRI: Development of an integrated system for dynamic soil testing and field (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
	California State University Women Engineering Faculty Support Network (Cal State) <i>Syracuse University (NSF Passthrough)</i>	Submitted
Pao, Steven	Multicultural Scholars Program (Yr. 3 of 5) <i>CSU Stanislaus (USDA)</i>	Awarded
	Decontaminating Raw Produce Using Purified Chlorine Dioxide <i>Highland Fresh Technologies</i>	Submitted
Pasha, Fayzul	REU Site: Subsurface Artificial Groundwater Recharge (SAGR) in the San Joaquin Valley of Central California (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
	Closed Loop Water Management (Yr. 3 of 3) <i>PG&E</i>	Awarded
Pedroza, Miguel	Characterization of Emotions Evoked by Wine Odorants using Autonomic Nervous System Signals (EMOWINE) (Yr. 1 of 2) <i>American Vineyard Foundation</i>	Submitted

<u>Principal Investigator</u>	<u>Title/Agency</u>	<u>Status</u>
Pedroza, Miguel	Bodily Responses as a New Parameter to Estimate Emotions Evoked by Wine Aroma <i>CSU ARI</i>	Submitted
	Characterization of Emotions Evoked by Wine Odorants using Autonomic Nervous System Signals (EMOWINE) (Yr. 1 of 2) <i>CSU ARI</i>	Submitted
Petersen, Helle	Communicating EPIC Research Through Special Events, Forums, and Multimedia Production <i>GreenBiz</i>	Submitted
	Blue Tech Valley Ecosystem <i>Wells Fargo</i>	Submitted
Phan, Trang	Multicultural Population Needs in Massive Open Online Courses <i>openIDEO</i>	Submitted
Pitt, Jenelle	Rehabilitation Long-Term Training - USDE - 2017-2018 (Yr. 4 of 5) <i>U.S. Department of Education</i>	Awarded
Plattner, Alain	Structure and Evolution of the Martian Crustal Magnetic Field (Yr. 3 of 3) <i>Princeton University (NASA)</i>	Awarded
Price, Steven	Regional STEM Hub <i>Fresno County Superintendent of Schools</i>	Awarded
	MUREP Aerospace Academy (Yr. 3 of 3) <i>NASA</i>	Submitted
	NSF INCLUDES: Youth Tech Academy (Yr. 1 of 2) <i>National Science Foundation (NSF)</i>	Submitted
Putirka, Keith	Collaborative Proposal: Tectonic Controls on the Evolution of Cascades ARC Magmatic Plumbing Systems (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
Rawat, Mamta	RUI: Thiols in Cyanobacteria (Yr. 5 of 5) <i>National Science Foundation (NSF)</i>	Awarded

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Reed, Stephanie	Athletic Training Services in Fresno County <i>Far West Athletic Trainers' Association</i>	Submitted
Rindahl, Kathleen	Song Brown RN Special Program Mobile Unit '18 (Yr. 2 of 2) <i>OSHPD (Office of Statewide Health Planning and Development)</i>	Awarded
Rivera, Monica	Head Posture and Spatial Cognition <i>American Physical Therapy Association</i>	Submitted
	Spatial Cognitive Acquisition <i>California Physical Therapy Fund</i>	Submitted
Roach, Andrea	Family Violence: Implications for Family and Romantic Relationships <i>CSU ARI</i>	Submitted
	Childhood Exposure to Parental Violence: Influence on Emerging Adults' Lives and Relationship with Parents <i>The Harry Frank Guggenheim Foundation</i>	Submitted
Robledo, Jenny	Educational Talent Search 2016-2021 (Yr. 2 of 5) <i>U.S. Department of Education</i>	Submitted
	Educational Talent Search Porterville 2016-2021 (Yr. 2 of 5) <i>U.S. Department of Education</i>	Submitted
Ross, Joseph	Genetic Mechanisms Controlling Male Mitochondrial Inheritance - Amendment (Yr. 3 of 3) <i>DHHS (NIH)</i>	Awarded
Sadrinezhad, Arezoo	Long Distance Network Facilitation Seed Grant Proposal <i>Syracuse University (NSF Passthrough)</i>	Awarded
Sanchez, Steven	Validation of a Measure to Assess Social Emotional Competency Profiles Associated with College Students' Progress and Competition of Post-Secondary (Yr. 1 of 4) <i>Educause</i>	Submitted

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Sethuramasamyraja, Balaji	CyberSEES: Type 2: Smart Farm (Yr. 3 of 3) <i>National Science Foundation (NSF)</i>	Awarded
	Pathway to Agricultural Systems Management Major (Yr. 1 of 3) <i>USDA NIFA</i>	Submitted
Shinn, Sara	Product Development of Fresh Juices and Fruit-Based Products for the Fresno State Gibson Farm Market and the Student Cupboard 2018-2019 <i>ARI (CSU)</i>	Submitted
Shrestha, Anil	Performance of Glufosinate on Avocado <i>UC Regents (ANR)</i>	Awarded
	Building a Graduate Workforce in Applied Agriculture in a non-Land Grant Institution <i>U.S. Department of Agriculture</i>	Submitted
Sias, Reva	Myrtilla Miner's School for Colored Girls (Yr.1 of 2) <i>NEH</i>	Submitted
Sisavath, Davorn	CHOJ: Culture, Heritage, and Our Journey <i>Cal Humanities</i>	Submitted
Stearns, Timothy	Coleman Fellows 2017-18 <i>Coleman Foundation</i>	Submitted
Stillmaker, Aaron	CRII: CSU: RUI: Chip Design in the Kilo-Core Era (Yr. 1 of 2) <i>National Science Foundation (NSF)</i>	Submitted
Sullivan, Christopher	The Changing Logic of Ethnic Classification in China (Yr. 1 of 2) <i>National Science Foundation (NSF)</i>	Submitted
Sun, Kristy	The Effects of Gypsum and Compost on Soil Properties, Crop Yield, Vine Performance & Grape Quality in Vineyard Soils on the West Side of the San Joaquin Valley (Yr. 1 of 2) <i>American Vineyard Foundation</i>	Submitted

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Sun, Kristy	Evaluation of Interactive Effects of Mechanical Leafing and Deficit Irrigation on Berry Composition and Wine Chemistry of Vitis Vinifera cv. Cabernet Sauvignon in the San Joaquin Valley <i>CSU ARI</i>	Submitted
	The Effects of Gypsum and Compost on Soil Properties, Crop Yield, Vine Performance & Grape Quality in Vineyard Soils on the West Side of the San Joaquin Valley (Yr. 1 of 2) <i>CSU ARI</i>	Submitted
Suryadi, Ellen	Acquisition of Goods and Services <i>U.S. Department of Agriculture - ARS</i>	Awarded
Tahvildary, Negin	Peer Mediator Training <i>Cal Humanities</i>	Submitted
	Mediator Mentors <i>Central California Women's Conference</i>	Submitted
Tarrant, Katy	Evaluation of the Genetic Association of Mitochondrial DNA Presence in Broilers with a Muscle Myopathy <i>CSU ARI</i>	Submitted
	Evaluating Environmental Enrichment Structure Design and Implementation for Conventionally-Raised Broiler Chickens (Yr. 1 of 3) <i>CSU ARI</i>	Submitted
Tawfik, Aly	California State University Transportation Consortium (SB1) (Yr. 1 of 3) <i>State of California (SJSU Lead)</i>	Submitted
	Travel Behavior Data Fusion Approach (Yr. 1 of 2) <i>U.S. Department of Transportation (Booz Allen Passthrough)</i>	Submitted
Taylor, Brandon	Healthy Community Initiative & Fresno State <i>Kaiser Permanente</i>	Submitted
	Combating Adverse Childhood Experiences (ACE's) through Engagement <i>Weyerhaeuser Family Foundation</i>	Submitted

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Tehrani, Fariborz	FCC S-STEM (Yr. 1 of 5) <i>Fresno City College (NSF Passthrough)</i>	Submitted
Tehrani, Fariborz	New Generation of Interlocking Concrete Blocks for Seismic Resilient Structures (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
Telemeco, Rory	How does High Temperature Damage Animals? Testing a Novel Framework in Lizards <i>CSUPERB (CSU)</i>	Submitted
Thompson, Kyle	Determining the Effects of a Commercially Available Direct Feed Additive on Overall Growth, Rumen Development and Health Parameters in Neonatal Dairy Cows <i>CSU ARI</i>	Submitted
Toro, Rosa	A Longitudinal Analysis of Acculturation Differences between Immigrant Latino Parents and Youth: Implications on Family Functioning and Youth Development (Yr. 2 of 3) <i>DHHS (NIH)</i>	Awarded
Tuska, Agnes	CANMEE Less Study Support: California Action Network for Mathematics Excellence <i>California Mathematics Project</i>	Submitted
	Mathematics Diagnostics Testing Project 2017 <i>University of California</i>	Awarded
	Mathematics Diagnostics Testing Project 2018 (Yr. 3 of 3) <i>UCOP</i>	Awarded
Van Laar, Tricia	Characterization of Tick-borne Diseases in the Sierra National Forrest, Fresno County <i>Bay Area Lyme Foundation</i>	Submitted
	Characterization of the Urban Corvid Microbiota and Resistome (Yr. 1 of 2) <i>DHHS (NIH)</i>	Submitted
	Characterization of Tick-Borne Diseases in the Sierra National Forest, Fresno <i>Lyme Disease Association, Inc.</i>	Submitted

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Van Laar, Tricia	RUI Collaborative Proposal <i>National Science Foundation (NSF)</i>	Submitted
	Persistence is Not Futile: Investigation of Antibiotic Tolerance in Klebsiella Pneumoniae (Yr. 1 of 2) <i>NIH (NIAID)</i>	Submitted
Van Zyl, Sonet	Identification and Durability of Novel Sources of Resistance to Pierce's Disease <i>USDA ARS</i>	Awarded
	Sample Testing <i>Agajanian Vineyards</i>	Awarded
	Sample Testing (Yr. 1 of 3) <i>Allied Grape Growers</i>	Awarded
	Quantification of Microbial Rot in Wine Grapes <i>American Vineyard Foundation</i>	Awarded
	Sample Testing <i>Marshall Vineyards</i>	Submitted
	Evaluation of OR-151 as a Plant Growth Regulator and Bio-Stimulant to Enhance ... (Yr. 1 of 2) <i>ORO AGRI</i>	Awarded
Vang, Kaomine	Developing a Mobile Decision Support Nitrate Sampling and Monitoring System (Yr. 1 of 3) <i>CSU ARI</i>	Submitted
	Sphere of Influence and Sensor Reaction Testings <i>Digital Springs</i>	Submitted
Vaughn, Rosco	Charles Parker's Office Support (Yr. 3 of 3) <i>California Department of Education</i>	Awarded
	Charles Parker's Office Support (Yr. 1 of 2) <i>California Department of Education</i>	Submitted
Vega, Oscar	HSI Conference: Broadening Participation in STEM at California Hispanic-Servings Institutions <i>National Science Foundation (NSF)</i>	Submitted

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Vermote, Frederik	Asia in Fresno Symposium <i>Cal Humanities (NEH Passthrough)</i>	Submitted
Vungkhanching Martha	Title IV-E Social Work Training Program 2017-18 <i>Univ. of California (CalSWEC)</i>	Awarded
Wahleithner, Juliet	Porterville Summer Writing Academy (2018) <i>California Community Colleges (via Kern Community College District)</i>	Submitted
	CRWP-SEED Professional Development <i>National Writing Project</i>	Awarded
	San Joaquin Valley Writing Project - CSMP State Funds - 2018-19 <i>University of California Office of the President (UCOP)</i>	Submitted
	San Joaquin Valley Writing Project - ESSA (Federal) Funds 2018-2019 <i>University of California Office of the President (UCOP)</i>	Submitted
Walker, Deborah	The Effect of Electrical Stimulation <i>Foundation for Physical Therapy</i>	Submitted
Walsh, Nicole	A Developmental English Proficiency Test (ADEPT) Training - Sept. 2017 <i>Exeter Unified School District</i>	Awarded
	Calif. Reading and Literature Project - NCLB 14 (2017-18) <i>University of California</i>	Awarded
Walter, Emily	Bulldogs for Excellence in STEM Teaching (BEST): Building theory to explain the adoption of research-based instructional strategies in STEM (Yr. 1 of 5) <i>National Science Foundation (NSF)</i>	Submitted
Wang, Chih-Hao	Investigating Climate Vulnerability (Yr. 2 of 2) <i>California Energy Commission (via UC Santa Cruz)</i>	Awarded

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Wang, Chih-Hao	Advancing the Resilience and Environmental Performance-Collaboration (Yr. 1 of 3) <i>UC Riverside (CEC Passthrough)</i>	Submitted
Wang, Luke	RUI: Measurement and Stimulation of Ground Cover Effects (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
	RUI: Measurement and Simulation of Ground Cover Effects on Soil Drought, Salt, Weed, and Erosion in Arid and Semiarid Regions (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
Waselkov, Katherine	Digitization TCN: Collaborative: Capturing California's Flowers: Using Digital Images to Investigate Historical and Geographic Phenological Change in a Biodiversity Hotspot (Yr. 1 of 3) <i>Cal Poly SLO (NSF Passthrough)</i>	Submitted
	RUI: Collaborative Research: A Phylogenetic Assessment of the Contribution of Polyploidy to Diversity in Phlox (Yr. 1 of 3) <i>National Science Foundation (NSF)</i>	Submitted
	An Evolutionary Genomics Approach to Probe Agricultural Invasiveness and Herbicide Resistance Evolution in Amaranthus Palmeri <i>University of Illinois (USDA)</i>	Submitted
Weerasinghe, Ajith	Fresno Chaffee Zoo Solar Project <i>Fresno's Chaffee Zoo Corporation</i>	Awarded
Weinman, Beth	Building a Sustainable Community Culture on Campus <i>CSUPERB (CSU)</i>	Submitted
	Building Capacity: Agua Suelo, y Cielo 9ASC) Research Teams - Growing STEM Identities through Multi-Course Culturally-Relevant STEM Research Plans (Yr. 1 of 5) <i>National Science Foundation (NSF)</i>	Submitted

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Wenger, Jacob	Establishing an Insect Genetic Technology Program for Navel Orangeworm (Amylois Transistella) <i>CSU ARI</i>	Submitted
Witte, Sandra	Program Advisor-- CALF 2017-2018 <i>California Agricultural Leadership Foundation (CALF)</i>	Awarded
Wright, William	Technical Review for the Dairy Digester Research and Development Program <i>State of California, Department of Food and Agriculture</i>	Submitted
Wu, Wei	Collaborative Research: Faculty Role in Student Engagement Learning and... (Yr. 1 of 2) <i>National Science Foundation (NSF)</i>	Submitted
Yarmo, Kathy	Prevention through Education (Yr. 1 of 2) <i>Central Valley Community Foundation</i>	Submitted
Youn, Hwan	Elucidating Unique Ligand-Sensing Mechanism of Clp (Yr. 1 of 4) <i>National Science Foundation (NSF) (VERIFY)</i>	Submitted
	Understanding the Reversed Ligand Allostery of Clp <i>NIH (NIAID)</i>	Submitted
Yun, Cathy	Preparing a New Generation of Educators- Phase II (Yr. 2 of 3) <i>Bechtel Foundation</i>	Submitted
Zelezny, Lynnette	Roadmaps to U. Direct (Yr. 3 of 3) <i>Educause</i>	Awarded
	Ensenamos en el Valle Central (Yr. 1 of 5) <i>U.S. Department of Education</i>	Submitted
	The Blue Ribbon Online Graduate Campus/Graduate Net Initiative (Yr. 4 of 5) <i>U.S. Department of Education</i>	Submitted

<u>Principal Investigator</u>	<u>Title/Agency</u>	<u>Status</u>
Zelezny, Lynnette	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 1 of 5) <i>U.S. Department of Education (USDE)</i>	Awarded
	STESSA: Improving STEM Teacher Education in High Schools in Egypt (Yr. 1 of 5) <i>USAID (passthrough funding the 21st Century Partnership for STEM)</i>	Submitted
Zoldoske, David	Water and Energy Efficiency Round 4 (Yr. 2 of 2) <i>CA Department of Food and Agriculture</i>	Awarded
	Water and Energy Efficiency Round 4 (Yr. 1 of 2) <i>CA Department of Food and Agriculture</i>	Awarded
	WRPI Project - Watershed Management Experiential Learning for USDA Careers (Yr.3 of 4) (USDA Experiential Learning) <i>CSU San Bernardino (USDA passthrough)</i>	Awarded
	Central Valley Regional Energy Innovation Accelerator (Yr. 2 of 3) <i>Department of Commerce</i>	Awarded