

**Awards for Period: November 21, 2019 - December 16, 2019**

School	Department	PI	Title	Agency	Awarded Amount
Academic Affairs	Provost's Office	Jiménez-Sandoval, S.	STESSA: Improving STEM Teacher Education in High Schools in Egypt (Yr. 2 of 5)	USAID (Passthrough funding the 21st Century Partnership)	\$ 200,109
Ag	Agricultural Sciences and Education	Tarrant, K./Shinn, S.	Evaluating Environmental Enrichment Structure Design and Implementation for Conventionally-Raised Broiler Chickens (Yr. 2 of 3)	CSU (ARI)	\$ 120,000
Ag	CIT	Ashkan, S./ Sethuramasamyraja, B./ Brar G.	Crop Water Stress Index for Precision Irrigation Scheduling of Pistachio Trees (Yr. 2 of 3)	CA Department of Food and Agriculture (from USDA)	\$ 74,279
Ag	CIT	Green, S./Ashkan, S.	Developing a Formal Plan for Research as the Result of the Groundwater Management (Yr. 2 of 2)	USDA	\$ 11,560
Ag	CIT	Petersen, H./Francis, B.	Central Valley Regional Innovation Investment Fund (Yr. 2 of 3)	US Economic Development Administration	\$ 100,510
Ag	Food Science and Nutrition	Pao/Ferris	Multicultural Scholars Program (Yr. 5 of 5)	CSU Stanislaus (USDA)	\$ 18,000
Ag	IFA	Erysian, B.	Enhancing Implementation and Efficiency of National Sanitary and Phytosanitary Capacity for the Republic of Georgia through Training (Yr. 2 of 2)	USDA	\$ 155,997
Ag	Industrial Technology/CIT	Sethuramasamyraja/Yeasmin	ARI: Mitigation of Nitrate in Vegetable Crop Through Autonomous Feedback System (Yr. 3 of 3)	CSU (ARI)	\$ 57,200
Ag	Plant Science	Brar, G.	New Almond production systems research at CSU Fresno: High-density planting, rootstock evaluation and pruning responses trials (Year 2 of 2)	CSU (ARI)	\$ 40,401
Ag	Plant Science	Brar, G.	Overcoming citrus nursery growth issues by using Smart Lighting with Different Photoperiods (Year 2 of 2)	CSU (ARI)	\$ 22,063
Ag	Plant Science	Cassel-Sharma/Goorahoo	ARI: Crop Water Requirements for Onion Production in Semi-Arid Climates (Yr. 3 of 3)	CSU (ARI)	\$ 49,811
Ag	Plant Science/CIT	Cassel Sharma	ARI: Forage Yield and Quality Under Irrigation with Produced Waters (Yr. 3 of 3)	CSU(ARI)	\$ 49,377
Ag	VERC	Gu, Sanliang	ARI: Using Internet of Things and Big Data Analytics to Improve Water Use... (Yr. 3 of 3)	CSU (ARI)	\$ 30,000
Ag	VERC	Van Zyl, S.	Sample Testing (Yr. 3 of 3)	Allied Grape Growers	\$ 15,000
Ag	Plant Science	Wenger, J.	Enhancing insecticide efficiency with spray adjuvants: using HPLC to assess insecticide conversion for vine mealybug control	CSU (ARI)	\$ 25,000
Arts & Hum	Philosophy	Fiala, A.	Inclusive School Environments	Visalia Unified School District	\$ 11,000
Arts & Hum	Media, Communications, and Journalism	Egan, C.	Pump Efficiency Video	UC Ag Extension	\$ 4,823
Education	CER	Lucey, C.	Sanctuary and Youth Services (2017-22) (Yr. 3 of 5)	Fresno Economic Opportunities Commission (FEOC)	\$ 66,000
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Motor Mobile - Low Carbo Fuel Investments (Yr. 2 of 2)	California Energy Commission (CEC)	\$ 30,000
Engrg	Electrical and Computer Engrg	Wang, N./ Na, W.	NeTS:Small;RUI; Bulldog Mote - Low Power Sensor Node and Design Methodologies (Yr. 2 of 3)	National Science Foundation (NSF)	\$ 137,169
Hlth & HS	Social Work Education	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA BAA San Francisco CWS 2019-23 (Year 1 of 4)	County of San Francisco	\$ 577,912
Hlth & HS	CVHPI	Capitman, J./Bengiamin, M.	Local Oral Health Evaluation Services (Yr. 2 of 3)	County of Fresno	\$ 50,000
Hlth & HS	Social Work Education	Foster, D./Foster, B./ Vungkhanching, M.	CCTA-BAA Contra Costa CWS '19 (Yr. 2 of 3)	Contra Costa County Employment and Human Services	\$ 250,000
Hlth & HS	Social Work Education	Foster, D./ Vungkhanching M./ Foster, B.	Calaveras Grievance Review Officer '19 (Year 2 of 2)	Calaveras County	\$ 5,000
Hlth & HS	Central California Center for Health and Human Services (CCCHHS)	DeRoo, D.	San Joaquin Public Health Consortium Increasing Strategic Capacity Grant	The California Endowment	\$ 15,000

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Sci & Math	Biology	Ross J.	Genetic Basis of Sperm Mitochondrial Elimination (Yr. 3 of 3)	National Institutes of Health (NIH)	\$ 140,000
Sci & Math	Chemistry	Brooks, C.	Quest Pharma: Humanized AR9.6 Stable CHO Cell Line Limiting Dilution (Year 2 of 2)	Quest Pharmatech, Inc.	\$ 1,285
Sci & Math	Mathematics	Caprau, C.	Knot Theory and Its Connections to Combinatorics and Algebra (Yr. 5 of 5)	Simons Foundation	\$ 7,000
Soc Sci	Dean	DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$ 326,302

**Total Awarded for Period: \$ 2,590,798**