



Research and Graduate Studies

**Office of Research and Sponsored Programs**

**Submissions and Awards Report**

**Fiscal Year**

**2018-2019**

Unit	Total Number of Submissions	Total Submitted Dollars	Total Number of Awards	Total Awarded Dollars
Academic Affairs	39	\$ 4,784,239.00	38	\$ 4,455,503.00
Administration	6	\$ 1,340,454.00	7	\$ 1,238,539.00
Jordan College of Agriculture and Science Technology	116	\$ 10,784,386.00	97	\$ 5,792,223.00
College of Arts & Humanities	26	\$ 824,778.00	10	\$ 152,697.00
Sid Craig School of Business	16	\$ 2,375,922.00	11	\$ 1,474,408.00
Kremen School of Education and Human Development	60	\$ 4,979,974.07	53	\$ 4,412,646.07
Lyles College of Engineering	71	\$ 14,062,026.00	33	\$ 2,962,898.00
College of Health and Human Services	63	\$ 10,635,153.00	60	\$ 16,127,973.00
College of Science and Mathematics	103	\$ 16,594,787.00	55	\$ 3,474,223.51
College of Social Sciences	16	\$ 1,348,897.00	9	\$ 488,466.00
Student Affairs	22	\$ 5,569,943.49	20	\$ 4,554,663.49
<b>Totals:</b>	<b>538</b>	<b>\$ 73,300,560.00</b>	<b>393</b>	<b>\$ 45,134,240.00</b>

*\*Note: For joint submissions, submission and award dollar amounts are reflected as shared at 50% for each college.*

*\*Submission totals reflect only FY18-19 submissions.*

*\*Award amounts may include awards attributed to pending proposals from previous fiscal years.*

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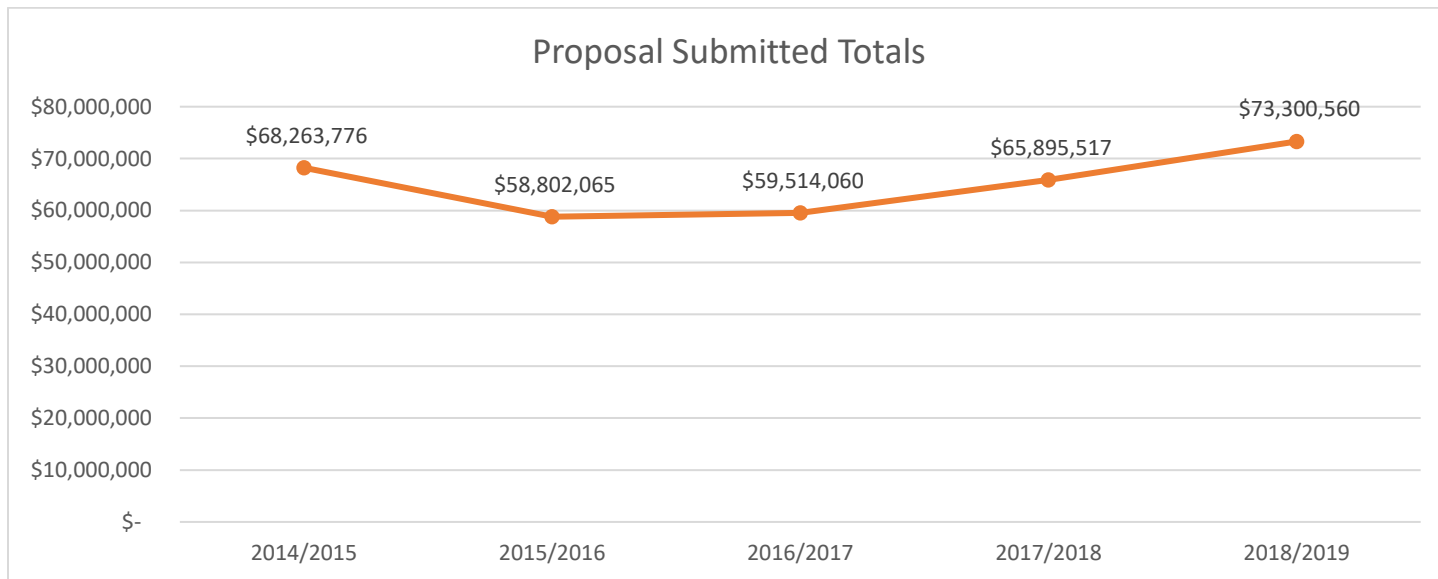
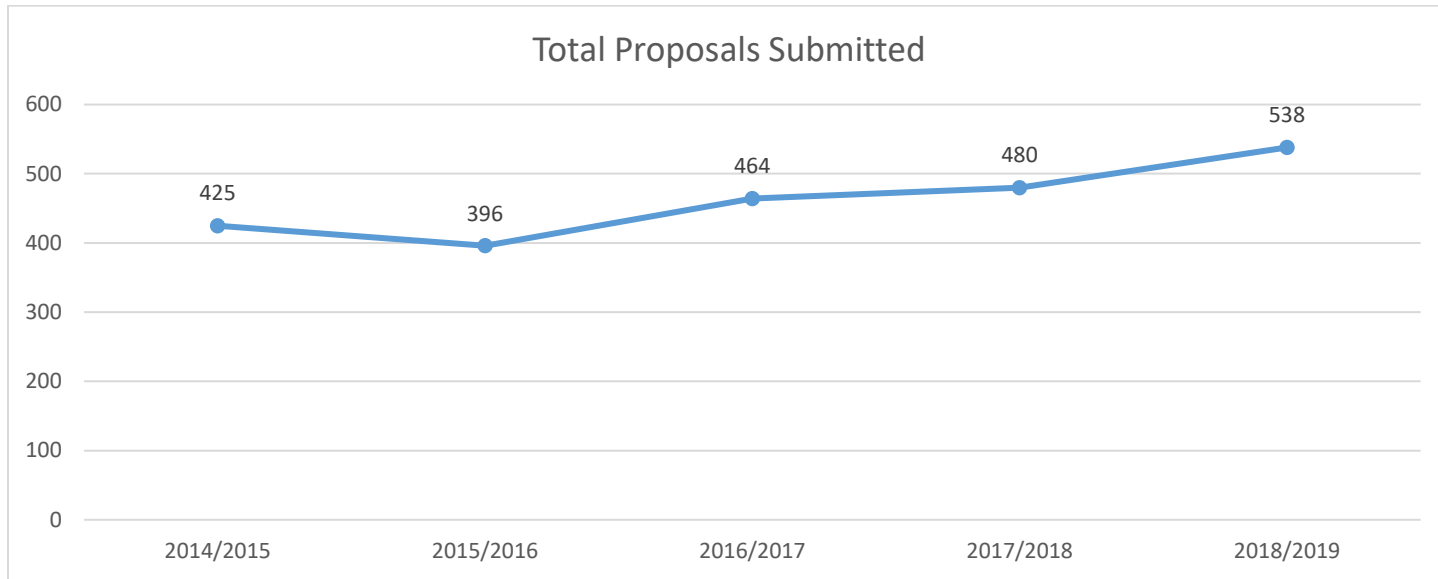
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# SUBMITTED PROPOSALS



# Academic Affairs

## Academic Affairs Submitted Proposals: 39

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Academic Affairs	Graduate Studies	Marshall J./Lopez, M.	The Blue Ribbon Online Graduate Campus/Graduate Net Initiative (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$612,013	\$0	\$612,013	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$612,013</b>	<b>\$0</b>	<b>\$612,013</b>
Academic Affairs	Provost's Office	Nef, D	California Community Reinvestment Grants Program	Governor's Office of Business & Economic Development	\$256,413	\$43,587	\$300,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Cutler-Orosi	Cutler-Orosi Unified School District	\$15,650	\$2,350	\$18,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	CETF SJV Spectrum of Opportunity	California Emerging Technology Fund	\$100,800	\$0	\$100,800	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	James Irvine OCED	James Irvine Foundation	\$168,067	\$31,933	\$200,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	USAD FMPP 2018	United States Department of Agriculture (USDA)	\$85,630	\$14,370	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - 2018-2019 Riverdale	Riverdale Unified School District	\$15,650	\$2,350	\$18,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Golden Plains	Golden Plains Unified School District	\$7,826	\$1,174	\$9,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Ecosystem of Shared Mobility Services in the San Joaquin Valley	Integral Community Solutions Institute (ICSI)	\$16,807	\$3,193	\$20,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Rural Community Development Initiative (RCDI)	United States Department of Agriculture (USDA)	\$250,000	\$0	\$250,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Farmersville ADA Compliance	City of Farmersville (Caltrans passthrough)	\$9,244	\$1,756	\$11,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - Huron Middle School	Coalinga Unified School District	\$15,650	\$2,350	\$18,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Kerman	Kerman Unified School District	\$7,826	\$1,174	\$9,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	California Partnership for the San Joaquin Valley	State of California - Office of the Governor	\$500,000	\$0	\$500,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	McFarland Farmers Market	The Wonderful Company	\$30,000	\$3,000	\$33,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Electric Vehicle Marketing and Uptake in Valley Shared Mobility Systems	Fresno Metro Black Chamber Foundation (Prime: CEC)	\$64,706	\$12,294	\$77,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	CPUC Broadband Adoption Account - Fresno State Call Center (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$544,784	\$80,216	\$625,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Fresno (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$86,957	\$13,043	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Kern (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$86,957	\$13,043	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Kings (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$86,957	\$13,043	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Madera (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$86,957	\$13,043	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Merced (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$86,957	\$13,043	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of San Joaquin (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$86,957	\$13,043	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Stanislaus (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$86,957	\$13,043	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Tulare (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$86,957	\$13,043	\$100,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - 2018-2019 Caruthers	Caruthers Unified School District	\$15,650	\$2,348	\$17,998	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Small Business University: McFarland Farmers Market	McFarland Unified School District	\$16,808	\$3,192	\$20,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Cutler-Orosi (Woodlake)	Cutler-Orosi Unified School District	\$7,826	\$1,174	\$9,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	EDA University 2018-2019	EDA (Passthrough CSU, Chico)	\$66,793	\$12,691	\$79,484	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Fresno State Parent University - Financial Literacy in Rural San Joaquin Valley	Mission Economic Development Agency - MEDA	\$21,008	\$3,992	\$25,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Ecosystem of Shared Mobility Services in the San Joaquin Valley	Sigala Incorporated	\$16,807	\$3,193	\$20,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - Coalinga Middle School - 2018-2019	Coalinga-Huron Unified School District	\$15,650	\$2,350	\$18,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - Fowler - 2018-2019	Fowler Unified School District	\$7,826	\$1,174	\$9,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Fresno State Parent University - Financial Literacy in Rural Fresno County	Wells Fargo Bank	\$37,815	\$7,185	\$45,000	
Academic Affairs / Soc Sci	Provost's Office / Dean	Zelezny, L./ DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$171,418	\$0	\$171,418	
<b>Total Department Submitted Proposals: 34</b>					<b>Totals:</b>	<b>\$3,162,310</b>	<b>\$341,390</b>	<b>\$3,503,700</b>
Academic Affairs	Research and Graduate Studies	Marshall, J./Byers, M.	Fresno State McNair Program 2018-2019 (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$272,240	\$18,324	\$290,564	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$272,240</b>	<b>\$18,324</b>	<b>\$290,564</b>
Academic Affairs	Richter Center	Fiorentino M./ Neil D.	Jumpstart (FY18-19) Federal Funding	Jumpstart for Young Children , Inc. (NCN passthrough)	\$166,939	\$5,275	\$172,214	
Academic Affairs	Richter Center	Fiorentino M./ Neil D.	Jumpstart FY18-19 Private Funding	Jumpstart for Young Children , Inc.	\$11,295	\$2,228	\$13,523	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$178,234</b>	<b>\$7,503</b>	<b>\$185,737</b>
Academic Affairs	Undergraduate Studies	Fu, Xuaning	Alignment of Data Systems and Resources with FUSD (Yr. 2 of 2)	Fresno Unified School District (College Futures Foundation Passthrough)	\$174,750	\$17,475	\$192,225	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$174,750</b>	<b>\$17,475</b>	<b>\$192,225</b>
<b>Totals:</b>					<b>\$4,399,547</b>	<b>\$384,692</b>	<b>\$4,784,239</b>	

# Administration

Administration Submitted Proposals: 6								
School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Admin	Library	Crow J.	Community Mural Project	Cultural Arts Rotary of Fresno	\$2,000	\$0	\$2,000	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$2,000</b>	<b>\$0</b>	<b>\$2,000</b>
Admin	President's Office/CVHEC	Duran, B.	Guided Pathways - CVHEC (Yr. 2 of 2)	College Futures Foundation	\$570,000	\$30,000	\$600,000	
Admin	President's Office/CVHEC	Duran, B.	The Fresno Talent Hub (Year 1-2 of 3)	Fresno Compact	\$130,180	\$11,320	\$141,500	
Admin	President's Office/CVHEC	Duran, B.	Central Valley Guided Pathways	Chabot-Las Positas Community College District	\$317,550	\$25,404	\$342,954	
Admin	President's Office/CVHEC	Duran, B.	Central/Mother Lode Regional Consortium 2018-2019	State Center Community College District	\$18,000	\$0	\$18,000	
Admin	President's Office/CVHEC	Duran, B.	Phase II - Math Pathways Project	College Futures Foundation	\$218,480	\$17,520	\$236,000	
<b>Total Department Submitted Proposals: 5</b>					<b>Totals:</b>	<b>\$1,254,210</b>	<b>\$84,244</b>	<b>\$1,338,454</b>
					<b>Totals:</b>	<b>\$1,256,210</b>	<b>\$84,244</b>	<b>\$1,340,454</b>

# Jordan College of Agriculture and Science Technology

Jordan College of Agriculture and Science Technology Submitted Proposals: 116

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Ag	Ag Business	Asci, S.	Economic Impact Analysis for Pesticide Regulations by Ca-DPR (Yr. 2 of 2)	Department of Pesticide Regulation	\$50,777	\$12,694	\$63,471	
Ag	Ag Business	Asci, S./ Konduru, S.	Cochran Fellowship for Pakistan: Marketing of Almonds and Walnuts	United States Department of Agriculture (USDA)	\$50,877	\$5,088	\$55,965	
Ag	Ag Business	Asci, S./ Pheasant S.	Phase 3: Pesticide Mill Assessment Forecasting Tool	Department of Pesticide Regulation	\$86,938	\$21,734	\$108,672	
Ag	Ag Business	Konduru, S.	Training the next generation of multicultural scholars in agricultural business (Yr. 1 of 5)	United States Department of Agriculture (USDA) - NIFA	\$209,700	\$0	\$209,700	
Ag	Ag Business/Plant Science	Lone, T./Pei X./ Levi A.	MATCH for ARI: Exploring Consumer Preferences in Wine Clubs	American Vineyard Foundation	\$20,910	\$0	\$20,910	
Ag	Ag Business/Plant Science	Lone, T./Pei X./ Levi A.	ARI: Exploring Consumer Preferences in Wine Clubs	CSU Agricultural Research Institute (ARI)	\$20,910	\$0	\$20,910	
Ag	Ag Business	Pheasant S.	Transforming Almond and Pistachio Orchards into SGMA Compliance	CA Dept of Food and Agriculture	\$440,850	\$9,072	\$449,922	
Ag	Ag Business	Xu, P	Exploring the Economic Feasibility of Utilizing Small-size Non-marketable Persimmons to Extract Natural Color Dyes for Fashion Fabrics (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$6,540	\$0	\$6,540	
<b>Total Department Submitted Proposals: 8</b>					<b>Totals:</b>	<b>\$887,502</b>	<b>\$48,588</b>	<b>\$936,090</b>
Ag	Animal Sciences and Agricultural Education	Culbertson, A.	AgDiscovery 2018: Investing in the Future of American Agriculture	United States Department of Agriculture (USDA)	\$47,273	\$4,727	\$52,000	
Ag	Animal Sciences and Agricultural Education	Culbertson, A.	AgDiscovery 2019: Investing in the Future of American Agriculture	United States Department of Agriculture (USDA)	\$47,273	\$4,727	\$52,000	
Ag	Animal Sciences and Agricultural Education	McKeith, A.	Evaluation of the Reduction of Salmonella Surrogate in Beef Roast Products at Temperatures Less than 54.4C	CSU Agricultural Research Institute (ARI)	\$60,000	\$0	\$60,000	
Ag	Animal Sciences and Agricultural Education	McKeith, A./Henson, J.	Evaluation of the reduction of Salmonella Surrogate in Beef Roast Products at Temperatures Less Than 54.4C	CSU Agricultural Research Institute (ARI)	\$60,000	\$0	\$60,000	
Ag	Animal Sciences and Agricultural Education	Rocca, S. / Vaughn, R.	Building an Agricultural Education Pipeline (Yr. 1 of 3)	United States Department of Agriculture (USDA)	\$58,236	\$25,028	\$83,264	
Ag	Animal Sciences and Agricultural Education	Tarrant, K.	Cochran Fellowship for South Africa: Food Safety and Handling for Small Poultry Farmers	United States Department of Agriculture (USDA)	\$38,560	\$3,856	\$42,416	
Ag	Animal Sciences and Agricultural Education	Tarrant, K.	Evaluation of LTI water conversion technology in broiler chickens as measured by production traits.	Liquid Technologies Co	\$29,740	\$4,461	\$34,201	
Ag	Animal Sciences and Agricultural Education	Tarrant, K.	Evaluation of Welfare Auditing Approved Environmental Enrichment Structures in a Conventional Broiler System (Year 1 of 2)	US Poultry and Egg Association	\$55,974	\$8,396	\$64,370	
Ag	Animal Sciences and Agricultural Education	Thompson, K.	Ocean Farming Technologies to Reduce Methane Emissions, Sequester Carbon and Grow California's Blue-Green Economy	University of Southern California	\$1,201,423	\$300,356	\$1,501,779	
Ag	Animal Sciences and Agricultural Education	Vaughn, R.	Charles Parker's Office Support (Yr. 2 of 2)	California Department of Education	\$19,444	\$1,556	\$21,000	
<b>Total Department Submitted Proposals: 10</b>					<b>Totals:</b>	<b>\$1,617,923</b>	<b>\$353,107</b>	<b>\$1,971,030</b>
Ag	Child, Family and Consumer Sciences	Hammons, A.	Improving the Health of Hispanic Children and their Families with a Community (Yr. 3 of 4)	University of Illinois (United States Department of Agriculture (USDA))	\$39,062	\$15,625	\$54,687	
Ag	Child, Family and Consumer Sciences	McKenzie, J.	Globalization and Youth Development: Past, Present, and Future Selves in Northern Thailand	Society for Research in Child Development	\$7,500	\$0	\$7,500	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$46,562</b>	<b>\$15,625</b>	<b>\$62,187</b>
Ag	CIT	Ashkan, S./ Green S.	Basin Cropping Patterns and Water Requirements for Groundwater Management	Colorado State University (Irrigation Innovation Consortium)	\$44,862	\$4,984	\$49,846	
Ag	CIT	Ashkan/Sethuramasamyraja	ARI: Development of Precision Variable Rate Irrigation Systems to Optimize Application of Water and Nutrients (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$35,988	\$0	\$35,988	
Ag	CIT	Ashkan/Yadav	ARI: Managing Deep Percolation in Drip Irrigation Systems (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$32,491	\$0	\$32,491	
Ag	CIT	Canessa, P./ Green, W.	Advanced Pumping Efficiency Program VII (Yr. 2 of 2)	Pacific Gas & Electric (PG&E)	\$111,308	\$16,697	\$128,005	
Ag	CIT	Green, S.	RSA Acquisition for Goods and Services RSA# 58-2034-9-018	United States Department of Agriculture (USDA) -RSA	\$27,259	\$2,726	\$29,985	
Ag	CIT	Green, S./Ashkan, S.	Groundwater Banking in Almond Orchards (Year 1 of 3)	CA Dept of Food and Agriculture	\$82,987	\$5,519	\$88,506	
Ag	CIT	Green, S./Esqueda T./ Crask L./ Qualle C.	Disadvantaged Community Center Subaward GT17164 Amendment No. 2	University Enterprises Corporation at CSUSB (California State University, San Bernardino)	\$147,058	\$27,941	\$174,999	
Ag	CIT	Green, W./Ashkan S.	ARI: Farm Water Management Toolkit to Help Accomplish Groundwater Sustainability Goals (Year 1 of 3)	CSU Agricultural Research Institute (ARI)	\$450,000	\$0	\$450,000	
Ag	CIT	Jacobsen, T.	Water Use and Drought Resistance Test (Yr. 1 of 3)	The Regents of the University of California (UC ANR)	\$4,907	\$0	\$4,907	
Ag	CIT	Petersen, H.	Blue Tech Valley Ecosystem (Yr. 2 of 2)	Wells Fargo	\$50,000	\$0	\$50,000	
Ag	CIT	Petersen, H.	Regional Innovative Cluster Initiative Services	US Small Business Administration	\$357,143	\$142,857	\$500,000	
Ag	CIT	Petersen, H.	BlueTech Valley Ecosystem	Wells Fargo	\$25,000	\$0	\$25,000	
Ag	CIT	Petersen, H./ Green S.	Outreach, Education, and Collaborative Planning for California's Central Valley (Year 1 of 3)	California State University, Bakersfield (Prime: CA Energy Commission)	\$25,972	\$6,493	\$32,465	
Ag	CIT	Petersen, H./Francis, B.	Central Valley Regional Innovation Investment Fund (Yr. 1 of 3)	US Economic Development Administration	\$81,858	\$16,372	\$98,230	
Ag	CIT	Suryadi E.	Acquisition of Goods and Services	US Dept of Agriculture - ARS	\$15,387	\$1,539	\$16,926	
Ag	CIT	Suryadi, E.	Acquisition of Goods and Services	US Department of Agriculture - ARS	\$28,195	\$2,820	\$31,015	
Ag	CIT	Suryadi, E.	Acquisition of Goods and Services RSA 58-2032-8-067	United States Department of Agriculture (USDA) - ARS	\$58,182	\$5,818	\$64,000	
Ag	CIT	Vang K.	Long Term Saline Irrigation Strategies for Pistachios on PGI Rootstock	Pistachio Research Board	\$60,000	\$0	\$60,000	
Ag	CIT	Vang K./Green W.	Development of Low Pressure and Low Flow Media Filtration System((Year 1 of 3)	Colorado State University - Irrigation Innovation Consortium	\$40,000	\$4,000	\$44,000	
Ag	CIT	Vang K./Green W.	Determination of Evapotranspiration and Crop Coefficient of Lemon Grass, Bitter Melon with a Lysimeter (Year 1 of 3)	CA Dept of Food and Agriculture	\$231,482	\$18,518	\$250,000	
Ag	CIT	Vang K./Green W.	Ensuring the Future of Ca Ag Through Water Use Efficiency - Specialty Crop Block Grant Program (Yr. 1 of 3)	CA Dept of Food and Agriculture	\$138,894	\$11,106	\$150,000	
Ag	CIT	Vang, K/ Lone, T./ Cassel-Sharma, F.	ARI: The Organic Production of Agretti in Poor-Quality Soils with Poor Quality Water (Year 1 of 3)	CSU Agricultural Research Institute (ARI)	\$160,136	\$0	\$160,136	
Ag	CIT	Vang, K/ Sargeant G.	Integrated Experiential Learning for Undergraduate Students in Food Energy Water Technology (Year 1 of 5)	National Science Foundation (NSF)	\$281,950	\$82,780	\$364,730	
Ag	CIT	Vang/Green	ARI: Utilizing Real Time Plant Stress Indicator to Improve Water Use Efficiency in Almonds (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$66,840	\$0	\$66,840	
Ag	CIT	Yeasmin D./ Bushoven J.	A Ground Penetrating Radar (GPR) Based Evaluation of Rootstock Response to the Application of Fertilizer of Natural Origin in Orchards and Vineyards to Promote Root Vigor for Long Term Economic Viability (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$119,492	\$0	\$119,492	

Ag	CIT	Yeasmin, D./ Pasha F./ Green W.	ARI: Water-Smart Planning: A Satellite Imagery based Remote Sensing Approach to Evaluate Crop Water Status in California Orchards for Future Sustainability (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$79,277	\$0	\$79,277	
Ag	CIT	Zoldoske	USDA Experiential Learning (Yr. 4 of 4)	CSU San Bernardino (United States Department of Agriculture (USDA) passthrough)	\$22,002	\$6,600	\$28,602	
Ag	CIT	Zoldoske D.	Central Valley Regional Innovation Cluster (aka BlueTech Valley Energy Cluster) (Yr. 4 of 5)	CA Energy Commission	\$999,331	\$123,901	\$1,123,232	
Ag	CIT	Zoldoske D/ Vang K.	Irrigation Innovation Consortium (Yr. 1 of 5)	Colorado State University (Passthrough Foundation for Food and Agriculture Research)	\$121,500	\$13,500	\$135,000	
<b>Total Department Submitted Proposals: 29</b>					<b>Totals:</b>	<b>\$3,899,501</b>	<b>\$494,171</b>	<b>\$4,393,672</b>
Ag	CWI	Esqueda T./ Qualle C./Liu L.	Irrigation Flow Measurement Device Project	Fresno Irrigation District	\$41,601	\$8,320	\$49,921	
Ag	CWI	Esqueda T.	SJV Water Infrastructure Investment Strategy and Point-of-Entry Treatment System Program	Central Valley Community Foundation	\$109,091	\$10,909	\$120,000	
Ag	CWI	Esqueda T.	Serbia Agricultural Irrigation Management	United States Department of Agriculture (USDA) - FAS	\$40,927	\$4,093	\$45,020	
Ag	CWI	Esqueda T.	Training on Post-Harvest Handling and Marketing - Georgia	United States Department of Agriculture (USDA) - FAS	\$63,629	\$6,363	\$69,992	
<b>Total Department Submitted Proposals: 4</b>					<b>Totals:</b>	<b>\$255,248</b>	<b>\$29,685</b>	<b>\$284,933</b>
Ag	Food Science and Nutrition	Dormedy, E	Developing a Generation of Agricultural Change Agents (Yr. 2 of 3)	Texas Tech (United States Department of Agriculture (USDA))	\$15,969	\$6,388	\$22,357	
Ag	Food Science and Nutrition	Dormedy, E	Developing a Generation of Agricultural Change Agents (Yr. 3 of 3)	Texas Tech (United States Department of Agriculture (USDA))	\$15,936	\$6,388	\$22,324	
Ag	Food Science and Nutrition	Pao, S./Ferris, D.	Multicultural Scholarship Program in Food and Agriculture at Two Minority Serving Institutions (Amendment #4)	CSU Stanislaus (United States Department of Agriculture (USDA))	\$3,250	\$0	\$3,250	
Ag	Food Science and Nutrition	Pao/Ferris	Multicultural Scholars Program (Yr. 4 of 5)	CSU Stanislaus (United States Department of Agriculture (USDA))	\$7,000	\$0	\$7,000	
Ag	Food Science and Nutrition	Pooya, S.	Effects of Nutritional Preconditioning on Nutritional Status of Patients Undergoing Major Surgeries and Subsequent Operative Outcomes (Year 1 of 3)	CSU Agricultural Research Institute (ARI)- Community Medical Centers	\$10,000	\$0	\$10,000	
<b>Total Department Submitted Proposals: 5</b>					<b>Totals:</b>	<b>\$52,155</b>	<b>\$12,776</b>	<b>\$64,931</b>
Ag	IFA	Erysian, B.	Fresh Fruit Supply Chain Management - China	United States Department of Agriculture (USDA) - FAS	\$48,226	\$4,823	\$53,049	
Ag	IFA	Erysian, B.	Enhancing Implementation and Efficiency of National Sanitary and Phytosanitary Capacity for the Republic of Georgia through Training (Yr. 1 of 2)	United States Department of Agriculture (USDA)	\$109,838	\$10,984	\$120,822	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$158,064</b>	<b>\$15,807</b>	<b>\$173,871</b>
Ag	Industrial Technology/Ag. Business	Brar/Lone	ARI: Determination of Long Term Threshold for Using Saline Water on Pistachios (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$67,883	\$0	\$67,883	
Ag	Industrial Technology/CIT	Sethuramasamyraja/Yeasmin	ARI: Mitigation of Nitrate in Vegetable Crop Through Autonomous Feedback System (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$67,278	\$0	\$67,278	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$135,161</b>	<b>\$0</b>	<b>\$135,161</b>
Ag	Plant Science	Benes, S.	Decision Support and Remote Sensing Tools for Salinity Management and Crop Yield Sustainability at a Saline Drainage Water Reuse Site in the Western San Joaquin Valley (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$88,770	\$0	\$88,770	
Ag	Plant Science	Benes, S.	Decision Support and Remote Sensing Tools for Salinity Management and Yield Sustainability for Forages Irrigated with Saline Water in the Western U.S. (Yr. 1 of 2)	United States Department of Agriculture (USDA)	\$197,427	\$52,171	\$249,598	
Ag	Plant Science	Brar, G.	Interaction of Retain (Plant Growth regulator) with foliar Nitrogen application at different rates in relation to yield and quality in Almonds (Yr. 2 of 2)	Valent Biosciences	\$50,736	\$7,610	\$58,346	
Ag	Plant Science	Brar, G.	New Almond production systems research at CSU Fresno: High-density planting, rootstock evaluation and pruning responses trials (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$49,303	\$0	\$49,303	
Ag	Plant Science	Brar, G.	Overcoming citrus nursery growth issues by using Smart Lighting with Different Photoperiods (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$22,063	\$0	\$22,063	
Ag	Plant Science	Brar, G.	Cracking the Black-Box of Pistachio Dormancy Break: Tracking biochemical changes in relation to oil spray timing for adequate chill accumulation (Year 1 of 3)	CA Department of Food and Agriculture	\$103,954	\$4,668	\$108,622	
Ag	Plant Science	Brar, G.	Cracking the Black-box of Dormancy in Pistachios: Tracking Biomedical Changes in Inflorescence Buds from Dormancy to Bud Break	Pistachio Research Board	\$87,788	\$0	\$87,788	
Ag	Plant Science	Brar, G.	Efficacy Trials of New Dormancy-Breaking Treatments for Pistachios	Pistachio Research Board	\$43,900	\$0	\$43,900	
Ag	Plant Science	Brar, G.	Almond High Density Trial at CSU Fresno: Developing New Orchard Systems with Modified Row, Tree Spacing, Pruning	Almond Board of California	\$22,208	\$3,331	\$25,539	
Ag	Plant Science	Brar, G.	Rootstock Trial at CSU Fresno: Performance Evaluation of 7 different Rootstocks with 2 Cultivars	Regents of the University of California	\$11,279	\$0	\$11,279	
Ag	Plant Science	Brar, G./Benes, S.	Determination of Long Term Threshold Limit Using Saline Water	CSU Agricultural Research Institute (ARI)	\$104,788	\$0	\$104,788	
Ag	Plant Science	Bushoven, J.	Warm Season Turf grass Cultivar Evaluation Under Reduced Irrigation in Central California (Year 1 of 3)	CSU Agricultural Research Institute (ARI)	\$71,831	\$0	\$71,831	
Ag	Plant Science/CIT	Cassel Sharma	ARI: Forage Yield and Quality Under Irrigation with Produced Waters (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$49,377	\$0	\$49,377	
Ag	Plant Science	Cassel Sharma / Goorahoo	ARI: Physiological Performance and Nutritional Quality of Forages Irrigated with Oilfield (Yr. 3 of 3)	CSUMB - CSU Agricultural Research Institute (ARI)	\$150,000	\$0	\$150,000	
Ag	Plant Science	Cassel Sharma, F.	Calculation of On-Farm Crop Water Use Efficiency (Yr. 2 of 3)	CSU Monterey Bay	\$9,091	\$909	\$10,000	
Ag	Plant Science	Cassel-Sharma, F.	Satellite Irrigation Management Support: Mapping of Crop Water Requirements through Integration of Satellite Observations and CIMIS Data	CSU Monterey Bay (Prime: DWR)	\$27,273	\$2,727	\$30,000	
Ag	Plant Science	Cassel-Sharma, F./Goorahoo, D.	Lysimetric Determination of ED Coefficients for Drip-Irrigated Vegetables (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)	\$150,000	\$0	\$150,000	
Ag	Plant Science	Cassel-Sharma/Goorahoo	ARI: Crop Water Requirements for Onion Production in Semi-Arid Climates (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$49,469	\$0	\$49,469	
Ag	Plant Science	Ellis, M.	ARI: Development of a DNA Extraction Method from Epidemiologically Meaningful Amounts of Soil for Quantification of Nematodes Using Quantitative PCR (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$20,915	\$0	\$20,915	
Ag	Plant Science	Ellis, M.	Characterization and Interaction of Fusarium Oxysporum f. sp. Vasinfectum Races and Rhizoctonia Solani on Disease Development in Cotton (Yr. 1 of 2)	CA Cotton Ginners & Growers Association	\$32,491	\$0	\$32,491	
Ag	Plant Science	Ellis, M.	Characterization and interaction of Fusarium oxysporum f. sp. vasinfectum races and Rhizoctonia solani on disease development in cotton (Year 1 of 2)	Cotton Inc.	\$32,491	\$0	\$32,491	
Ag	Plant Science	Ellis, M.	Identification of Fusarium Wilt Populations in Cotton Fields and Pathogen Infection for Maintaining Sustainable Production in the USA (Yr. 1 of 2)	United States Department of Agriculture (USDA) - ARS	\$36,364	\$3,636	\$40,000	



Ag	Plant Science	Ellis, M.	Identification and assessment of Fusarium oxysporum f. sp. vasinfectum populations in cotton for sustainable production in California. (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$37,688	\$0	\$37,688	
Ag	Plant Science	Goorahoo D.	Cochran Fellowship Program: U.S. Food Safety and Regulatory Systems	United States Department of Agriculture (USDA)	\$41,488	\$4,149	\$45,637	
Ag	Plant Science	Goorahoo/ Shrestha	Development of a Video Curriculum on Vegetable Crops (Yr. 3 of 3)	UC Davis (CA Dept. Food and Ag)	\$11,432	\$568	\$12,000	
Ag	Plant Science/CIT	Goorahoo/Cassel Sharma	ARI: BMP's Irrigation and Nitrate with CSUMB (Yr. 3 of 3)	CSUMB - CSU Agricultural Research Institute (ARI)	\$65,000	\$0	\$65,000	
Ag	Plant Science	Riar, R.	Evaluation of Exogenous Application of Gibberellic Acid (GA) on Growth and Development of Pima Cotton Grown Under Salinity Conditions	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000	
Ag	Plant Science	Riar, R.	Searching USDA Fababean Germplasm for Genotypes with Enhanced Biological Nitrogen Fixation	California State University, Chico (Prime CSU, Chico)	\$12,625	\$1,010	\$13,635	
Ag	Plant Science	Shrestha, A.	ARI: Building a Graduate Workforce by Strengthening Research	CSU Agricultural Research Institute (ARI)	\$25,345	\$0	\$25,345	
Ag	Plant Science	Shrestha, A.	Performance of Glufosinate on avocado	Regents of the University of California	\$2,000	\$0	\$2,000	
Ag	Plant Science	Wenger, J.	Assessing Synthetic Amorphous Silica (SAS) for the Management of Small Hive Beetle (Aethina tumida)	North American Pollinator Protection Campaign (NAPPC)	\$9,997	\$0	\$9,997	
Ag	Plant Science	Wenger, J.	Enhancing insecticide efficiency with spray adjuvants: using HPLC to assess insecticide conversion for vine mealybug control	CSU Agricultural Research Institute (ARI)	\$25,000	\$0	\$25,000	
<b>Total Department Submitted Proposals: 32</b>					<b>Totals:</b>	<b>\$1,652,093</b>	<b>\$80,779</b>	<b>\$1,732,872</b>
Ag	VERC	Brillante L.	Remote Sensing Assisted Scouting & Roguing of Virus Infections in Grapevine (Year 1 of 3)	CA Dept of Food and Agriculture (CFDA)	\$151,746	\$2,838	\$154,584	
Ag	VERC	Brillante L.	State Wide Carbon Isotope Discrimination Network for Plan-Based Grape Irrigation Modelling, Database & Consumer Awareness (Year 1 of 3)	CA Dept of Food and Agriculture (CFDA)	\$172,410	\$2,591	\$175,001	
Ag	VERC	Brillante L.	Autonomous Predictions of Vineyard Yield at the Block Level Through Machine-Learning Modeling of Remote-Sensing and Historical Data (Year 1 of 3)	American Vineyard Foundation	\$39,807	\$0	\$39,807	
Ag	VERC	Brillante L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Year 1 of 3)	American Vineyard Foundation	\$46,327	\$0	\$46,327	
Ag	VERC	Brillante L.	Autonomous Predictions of Vineyard Yield at the Block Level Through Machine-Learning Modeling of Remote-Sensing and Historical Data (Year 1 of 2) III	CSU Agricultural Research Institute (ARI)- Campus Funding	\$50,868	\$0	\$50,868	
Ag	VERC	Brillante L.	Modeling Grapevine Water Status at the Regional Scale Through Analysis and Remote Sensing	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000	
Ag	VERC	Brillante L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Year 1 of 3) II	CSU Agricultural Research Institute (ARI)- Campus Funding	\$91,203	\$0	\$91,203	
Ag	VERC	Gu, Sanliang	ARI: Using Internet of Things and Big Data Analytics to Improve Water Use... (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$30,000	\$0	\$30,000	
Ag	VERC	Gu, Sanliang	INFEWS/T2: Harnessing information and novel technologies for actionable decisions to improve FEWS sustainability of perennial crops (Year 1 of 3)	Purdue University (NSF Passthrough)	\$76,384	\$30,554	\$106,938	
Ag	VERC	Gu, Sanliang	Efficacy of Manda 31, a Naturally Fermented Plant Concentrate, to Enhance Grapevine Growth, Increase Crop Yield, and Improve Fruit Quality in SJV	Manda Fermentation Co., Ltd.	\$21,550	\$3,450	\$25,000	
Ag	VERC	Pedroza, M.	Characterization of emotions evoked by wine odorants using Autonomic Nervous System signals (EMOWINE)	American Vineyard Foundation	\$55,940	\$0	\$55,940	
Ag	VERC	Sun, Q.	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 of California	The Wine Group	\$13,043	\$1,957	\$15,000	
Ag	VERC	Sun, Q.	Investigating the Differences in Chemosensory Characteristics of Cabernet Sauvignon Grapes and Wines Between San Joaquin Valley and Other California Wine Regions	CSU Agricultural Research Institute (ARI)- Campus Funding	\$21,000	\$0	\$21,000	
Ag	VERC	Van Zyl, S.	ARI: Evaluation of OR-151 as a Plant Growth Regulator and Bio-Stimulant to Enhance Color Development and Uniformity in Red Seedless Table Grapes (Yr. 2 of 2)	ORO AGRI	\$21,739	\$3,261	\$25,000	
Ag	VERC	Van Zyl, S.	Sample Testing (Yr. 2 of 3)	Allied Grape Growers	\$13,044	\$1,957	\$15,001	
Ag	VERC	Van Zyl, S.	Identification and Durability of Novel Sources of Resistance to Pierce's Disease in Table and Raisin Grapes	United States Department of Agriculture (USDA) - ARS	\$6,356	\$0	\$6,356	
Ag	VERC	Van Zyl, S.	Sample Testing	Fetzer Vineyards	\$2,610	\$390	\$3,000	
Ag	VERC	Van Zyl, S.	Sample Testing (Amendment 01)	Fetzer Vineyards	\$2,610	\$390	\$3,000	
Ag	VERC	Van Zyl, S.	Producing wines from Field Condition Grapes with Different Rot Levels and rot estimate dynamics in gondolas for the 2018-19 Season	California Winegrape Inspection Advisory Board	\$39,900	\$0	\$39,900	
Ag	VERC	Van Zyl, S.	Varietal Calibrations for the 2018-19 Season	California Winegrape Inspection Advisory Board	\$33,500	\$0	\$33,500	
Ag	VERC	Van Zyl, S./ Sommer, S.	Producing Red Wine from Field Condition Grapes with Different Levels of Rot Infection (Year 1 of 3) II	CSU Agricultural Research Institute (ARI)- Campus Funding	\$73,400	\$0	\$73,400	
Ag	VERC	Villareal, M.	Evaluation of ceramic beads as a new wine stabilization treatment	Superior Farm Water	\$7,664	\$1,150	\$8,814	
<b>Total Department Submitted Proposals: 22</b>					<b>Totals:</b>	<b>\$981,101</b>	<b>\$48,538</b>	<b>\$1,029,639</b>
					<b>Totals:</b>	<b>\$9,685,310</b>	<b>\$1,099,076</b>	<b>\$10,784,386</b>

# College of Arts & Humanities

College of Arts & Humanities Submitted Proposals: 26

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Arts & Hum	Art & Design	Pelaez, L.	Arts of the Colonial Andes	College Art Association	\$7,951	\$0	\$7,951	
Arts & Hum	Art & Design	Robison, R.	The Poetry Wheel	CA Council for the Humanities (Cal Humanities)	\$4,965	\$0	\$4,965	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$12,916</b>	<b>\$0</b>	<b>\$12,916</b>
Arts & Hum	Dean	Jimenez-Sandoval S./ Morgan C.	Arts in Corrections Program	University Enterprises Corporation at CSUSB (California State University, San Bernardino)	\$47,500	\$11,875	\$59,375	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$47,500</b>	<b>\$11,875</b>	<b>\$59,375</b>
Arts & Hum	English	Blackburn, V.	Writing Workshops for Communities of Color	CA Council for the Humanities (Cal Humanities)	\$4,545	\$455	\$5,000	
Arts & Hum	English	Cassara, J.	Rome Prize Fellowship in Literature	American Academy in Rome	\$28,000	\$0	\$28,000	
Arts & Hum	English	Cassara, J.	MacDowell Colony Summer Fellowship	MacDowell Colony	\$0	\$0	\$0	
Arts & Hum	English	Cassara, J.	NEA Literature Fellowships: Prose, FY2020	National Endowment for the Arts (NEA)	\$25,000	\$0	\$25,000	
Arts & Hum	English	Cassara, J.	Yaddo Summer Residency	The Corporation of Yaddo	\$0	\$0	\$0	
Arts & Hum	English	Cassara, J.	Public Reading & Conversation With Visiting Fiction Writer(s)]	CA Council for the Humanities (Cal Humanities)	\$5,000	\$0	\$5,000	
Arts & Hum	English	Foster, J. Ashley	Utopias Exhibition Catalogue	CA Council for the Humanities (Cal Humanities)	\$4,545	\$455	\$5,000	
Arts & Hum	English	Hernandez, M.	Writers of Color Reading Group	CA Council for the Humanities (Cal Humanities)	\$5,000	\$0	\$5,000	
Arts & Hum	English	Sias, R.	Myrtilla Miner's School for Colored Girls	National Endowment for the Humanities (NEH)	\$60,000	\$0	\$60,000	
<b>Total Department Submitted Proposals: 9</b>					<b>Totals:</b>	<b>\$132,090</b>	<b>\$910</b>	<b>\$133,000</b>
Arts & Hum	Linguistics	Agbayani B.	Off-Campus Internship Program	San Joaquin Memorial High School	\$3,300	\$0	\$3,300	
Arts & Hum	Linguistics	Agbayani B.	Off-Campus Internship Program (Spring 2019)	San Joaquin Memorial High School	\$3,300	\$0	\$3,300	
Arts & Hum	Linguistics	Elvin, J.	Off-Campus Internship Program (Fall 2019)	San Joaquin Memorial High School	\$3,300	\$0	\$3,300	
Arts & Hum	Linguistics	Fulop S.	Robust Formant Measurement for Assessing Variability in Speech Development (Yr. 1 of 5)	National Institute of Health (NIH) - (via Haskins Laboratories)	\$91,200	\$36,480	\$127,680	
Arts & Hum	Linguistics	Lyon, J.	Upper Nicola Nsyilxcn Online Dictionary	National Research Council Canada (via Upper Nicola)	\$42,378	\$6,357	\$48,735	
Arts & Hum	Linguistics	Mann L.	Summer Chinese Immersion Program	National Security Agency	\$54,942	\$5,494	\$60,436	
Arts & Hum	Linguistics	Mugrdechian B./ Zakian M.	Ottoman-American Diaspora	GRAMMY Museum Grants Program	\$4,739	\$261	\$5,000	
<b>Total Department Submitted Proposals: 7</b>					<b>Totals:</b>	<b>\$203,159</b>	<b>\$48,592</b>	<b>\$251,751</b>
Arts & Hum	Music	Briggs, M.	Second Fresno State Art Song Festival	CA Council for the Humanities (Cal Humanities)	\$4,545	\$455	\$5,000	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$4,545</b>	<b>\$455</b>	<b>\$5,000</b>
Arts & Hum	Philosophy	Botts, T.	Curricular Continuum in Law, Culture and the Humanities (Yr. 1 of 3)	National Endowment for the Humanities (NEH)	\$94,458	\$5,542	\$100,000	
Arts & Hum	Philosophy	Fiala, A. / Yukhymenko, M.	Professional Ethics and Character	John Templeton Foundation	\$199,962	\$27,594	\$227,556	
Arts & Hum	Philosophy	Howard, V.	Uberoi Teacher Training Institute Fresno	Uberoi Foundation for Religious Studies	\$10,000	\$0	\$10,000	
Arts & Hum	Philosophy	Keyser, V.	Visualizing the Scientific Method	CA Council for the Humanities (Cal Humanities)	\$9,182	\$818	\$10,000	
Arts & Hum	Philosophy	Tahvildary	Mediator Mentors	The Hand Foundation	\$10,180	\$0	\$10,180	
Arts & Hum	Philosophy	Tahvildary, N.	Mediator Mentors	Central Valley Women's Conference	\$5,000	\$0	\$5,000	
<b>Total Department Submitted Proposals: 6</b>					<b>Totals:</b>	<b>\$328,782</b>	<b>\$33,954</b>	<b>\$362,736</b>
					<b>Totals:</b>	<b>\$728,992</b>	<b>\$95,786</b>	<b>\$824,778</b>

# Sid Craig School of Business

Sid Craig School of Business Submitted Proposals: 16

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Craig School	Economics	Avalos, A.	The Impact of Labor Legislation Changes on Workers, Families, and the Economy of the San Joaquin Valley: A Research Proposal (Yr. 3 of 3)	James Irvine Foundation	\$65,148	\$9,772	\$74,920	
Craig School	Economics	Vera, D.	Reproducible Research Methods (Yr. 1 of 4)	National Science Foundation (NSF) - (via Haverford College)	\$28,841	\$11,536	\$40,377	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$93,989</b>	<b>\$21,308</b>	<b>\$115,297</b>
Craig School	Finance	Jauregui, A.	Real Estate and Land Use Institute	CSU	\$4,425	\$0	\$4,425	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$4,425</b>	<b>\$0</b>	<b>\$4,425</b>
Craig School	Lyles Center	Milevoj, E.	Central Unified YEA 2018-2019	Central Unified School District	\$9,000	\$1,350	\$10,350	
Craig School	Lyles Center	Milevoj, E.	Coleman Fellows 2018-2019	Coleman Foundation	\$25,000	\$0	\$25,000	
Craig School	Lyles Center	Milevoj, E.	FUSD 5th STEM	Fresno Unified School District	\$365,004	\$54,751	\$419,755	
Craig School	Lyles Center	Milevoj, E.	FUSD 6th	Fresno Unified School District	\$521,739	\$78,261	\$600,000	
Craig School	Lyles Center	Milevoj, E.	FUSD High School Program	Fresno Unified School District	\$43,478	\$6,522	\$50,000	
Craig School	Lyles Center	Milevoj, E.	FUSD Summer 2018 - Summer 2019	Fresno Unified School District	\$65,739	\$9,861	\$75,600	
Craig School	Lyles Center	Milevoj, E.	Kings Canyon YEA 2018-2019	Kings Canyon Unified School District	\$8,696	\$1,304	\$10,000	
Craig School	Lyles Center	Milevoj, E.	Sweet Potato/ Black Farmers Conference	United States Department of Agriculture (USDA)	\$44,664	\$17,866	\$62,530	
Craig School	Lyles Center	Milevoj, E.	MUSD Summer 2019 STEAM Tunnels	Madera Unified School District	\$30,478	\$4,572	\$35,050	
Craig School	Lyles Center	Milevoj, E.	FCOE Summer 2019 STEAM Tunnels	Fresno Unified School District	\$7,630	\$1,145	\$8,775	
Craig School	Lyles Center	Milevoj, E.	FUSD 5th grade STEM 2019-2020	Fresno Unified School District	\$334,782	\$50,217	\$384,999	
Craig School	Lyles Center	Milevoj, E.	FUSD 6th grade 2019 - 2020	Fresno Unified School District	\$453,913	\$68,087	\$522,000	
<b>Total Department Submitted Proposals: 12</b>					<b>Totals:</b>	<b>\$1,910,123</b>	<b>\$293,936</b>	<b>\$2,204,059</b>
Craig School	Management	Bommer B.	Experiential Cybersecurity Training	National Science Foundation (NSF) - (via Texas A&M University)	\$37,244	\$14,897	\$52,141	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$37,244</b>	<b>\$14,897</b>	<b>\$52,141</b>
<b>Totals:</b>					<b>\$2,045,781</b>	<b>\$330,141</b>	<b>\$2,375,922</b>	

# Kremen School of Education and Human Development

## Kremen School of Education and Human Development Submitted Proposals: 60

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Education	C&I	Benninga, J.	Good Character Education in California	Kern Family Foundation	\$20,000	\$0	\$20,000	
Education	C&I	Bohlin, C.	California Mathematics Project - CSMP (State) Funds - 2019-20	University of California President (UCOP)	\$22,889	\$1,145	\$24,034	
Education	C&I	Bohlin, C.	California Mathematics Project - ESSA (Federal) Funds - 2019-20	University of California President (UCOP)	\$59,811	\$4,785	\$64,596	
Education	C&I	Bohlin, C.	Math and Science Teacher Initiative (MSTI) 2018-19	California State University	\$110,000	\$0	\$110,000	
Education	C&I	Bohlin, C.	Teacher Recruitment Project (TRP) 2018-19	California State University	\$75,000	\$0	\$75,000	
Education	C&I	Nelson, F.	Western Regional Noyce Alliance (Year 2 of 3)	National Science Foundation (NSF) - (via SFSU)	\$23,929	\$6,071	\$30,000	
Education	C&I	Patricia L./Walsh N.	Calif. Reading and Literature Project - CSMP (State) Funds - 2019-20	University of California President (UCOP)	\$30,255	\$1,513	\$31,768	
Education	C&I	Patricia L./Walsh N.	Calif. Reading and Literature Project - ESSA (Federal) Funds - 2019-20	University of California President (UCOP)	\$40,396	\$3,232	\$43,628	
Education	C&I	Yukhymenko, M./Sharma, G.	Sense of Purpose Among College Students	Spencer Foundation	\$49,947	\$0	\$49,947	
<b>Total Department Submitted Proposals: 9</b>					<b>Totals:</b>	<b>\$432,227</b>	<b>\$16,746</b>	<b>\$448,973</b>
Education	CER	Becton-Brown, A.	Exploring Sense of Purpose Among Minority College Students	Spencer Foundation	\$39,250	\$0	\$39,250	
Education	CER	Lucey, C.	Sanctuary and Youth Services (2017-22) (Yr. 2 of 5)	Fresno EOC	\$66,000	\$0	\$66,000	
Education	CER	Lucey, C.	Fresno Family Counseling Center	Mexican Consulate of Fresno	\$17,391	\$2,609	\$20,000	
Education	CER	Pitt, J.	Rehabilitation Long-Term Training (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$169,777	\$3,037	\$172,814	
<b>Total Department Submitted Proposals: 4</b>					<b>Totals:</b>	<b>\$292,418</b>	<b>\$5,646</b>	<b>\$298,064</b>
Education	CER/CGE	Becton-Brown, A./Lopez-Ortiz, S.	Wayfinders (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$453,563	\$36,285	\$489,848	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Alta (2018-2019)	Alta Regional Center	\$190,769	\$13,560	\$204,329	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - CVRC (2018-2019)	Central Valley Regional Center (CVRC)	\$368,278	\$26,296	\$394,573	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - East Bay (2018-2019)	East Bay Regional Center	\$190,844	\$15,300	\$206,144	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Far Northern Regional Center (2018-2019)	Far Northern Regional Center	\$48,910	\$3,132	\$52,043	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Golden Gate (2018-2019)	Golden Gate Regional Center	\$97,968	\$6,232	\$104,200	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - San Andreas (2018-2019)	San Andreas Regional Center	\$141,489	\$10,026	\$151,515	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Tri County (2018-2019)	Tri County Regional Center	\$124,054	\$8,287	\$132,341	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Valley Mountain Regional Center (2018-2019)	Valley Mountain Regional Center	\$406,817	\$27,867	\$434,684	
<b>Total Department Submitted Proposals: 9</b>					<b>Totals:</b>	<b>\$2,022,692</b>	<b>\$146,984</b>	<b>\$2,169,676</b>
Education	Credential Program	Price, S.	Regional STEM Hub (2018-19)	Fresno County Superintendent of Schools	\$40,000	\$0	\$40,000	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$40,000</b>
Education	CSE	Beare, P./Ananian-Eastes	Workability IV (2016-19) Yr. 3 of 3	California Department of Rehabilitation	\$133,333	\$10,667	\$144,000	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$133,333</b>	<b>\$10,667</b>	<b>\$144,000</b>
Education	Dean	Alamillo L.	California Teachers Convening - 2017 (Yr. 3 of 3)	Gates Foundation (via Cal State Fullerton)	\$26,828	\$2,683	\$29,511	
Education	Dean	Alamillo, L.	Central MotherLode Regional Consortium - Fall 2019 Semester	State Center Community College District	\$30,000	\$0	\$30,000	
Education	Dean	Alamillo, L./Ananian-Eastes, E.	Workability IV (2019-22) (Yr. 1 of 3)	California Department of Rehabilitation	\$133,333	\$10,667	\$144,000	
Education	Dean	Marshall	Ticket-to-Work and Self-Sufficiency Program (2018-2019)	Social Security Administration	\$71,670	\$3,347	\$75,017	
Education	Dean	Walsh	California Reading and Literature Project - ESSA (Federal) 2018-2019 (Yr. 2 of 3)	University of California	\$36,242	\$2,899	\$39,141	
Education	Dean	Walsh	California Reading and Literature Project - ESSA (State Funds) - (2018-2019) (Yr. 2 of 3)	University of California	\$30,255	\$1,513	\$31,768	
Education	Dean	Walsh, N.	A Developmental English Proficiency Test (ADEPT) Training 2018-19	Exeter Unified School District	\$800	\$64	\$864	
<b>Total Department Submitted Proposals: 7</b>					<b>Totals:</b>	<b>\$329,128</b>	<b>\$21,173</b>	<b>\$350,301</b>
Education	Ed Leadership	Gonzalez, Juan-Carlos / Fu / Hernandez	Validation of a Measure to Assess Social Emotional Competency Profiles... (Yr. 1 of 4)	U.S. Department of Education (USDE)	\$26,141	\$10,456	\$36,597	
Education	Ed Leadership	Moradian-Watson, J.	Transformative Learning (Yr. 1 of 4)	Spencer Foundation	\$50,000	\$0	\$50,000	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$76,141</b>	<b>\$10,456</b>	<b>\$86,597</b>
Education	Liberal Studies	Nelson F.	Science Teacher Education Pathways (A-STEP) (Year 1 of 4)	National Science Foundation (NSF) - (via CSU East Bay)	\$25,400	\$3,560	\$28,960	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$25,400</b>	<b>\$3,560</b>	<b>\$28,960</b>
Education	Literacy, Early, Bilingual & Special Education	Coy K./ Horsley, H.	BranchED Performance-Based Coaching (Year 1 of 3)	Branch Alliance for Educator Diversity	\$112,334	\$5,833	\$118,167	
Education	Literacy, Early, Bilingual & Special Education	Huerta, T.	Central Calif. World Language Project - CSMP State Funds - 2019-20	University of California President (UCOP)	\$16,667	\$833	\$17,500	
Education	Literacy, Early, Bilingual & Special Education	Huerta, T.	Central Calif. World Language Project - ESSA (Federal) Funds - 2019-20	University of California President (UCOP)	\$34,896	\$2,792	\$37,688	
Education	Literacy, Early, Bilingual & Special Education	Juarez, S.	Mindsets for General Education Teacher Candidates	University of Florida (via CSU Chancellor's Office)	\$12,000	\$0	\$12,000	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Supporting K-8 Teachers in Integrating Writing	Ducor Union Elementary School District	\$9,200	\$800	\$10,000	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Supporting Teachers in Integrating Writing Throughout the Curriculum	Duncan Poly High School	\$5,555	\$445	\$6,000	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Supporting Teachers in Developing Meaningful Writing Instruction	Monache High School	\$2,300	\$200	\$2,500	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	San Joaquin Valley Writing Project -CSMP (State) Funds 2019-20	University of California Office of the President (UCOP)	\$30,652	\$1,533	\$32,185	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	San Joaquin Valley Writing Project -ESSA (Federal) Funds 2019-20	University of California Office of the President (UCOP)	\$36,187	\$2,895	\$39,082	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Supporting Teachers in Writing Instruction	Crescent View South	\$11,500	\$1,000	\$12,500	

Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Using Writing to Address Students' Competencies	Marconi Learning Academy	\$1,379	\$121	\$1,500	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Using Writing to Address Students' Competencies	Crescent View West Public Charter, Inc.	\$1,379	\$121	\$1,500	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Using Writing to Address Students' Competencies	Crescent View South, Inc.	\$1,379	\$121	\$1,500	
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Porterville Summer Writing Academy (Am. 1)	Kern Community College District	\$3,680	\$320	\$4,000	
Education	Literacy, Early, Bilingual & Special Education	Wu, P.	Collaborative: Engaged Student Learning (Year 1 of 3)	National Science Foundation (NSF)	\$105,796	\$38,318	\$144,114	
Education	Literacy, Early, Bilingual & Special Education	Wu, P.	Establishing Evidence for the Cycle of Promoting STEAM Readiness (Yr. 1 of 3)	Foundation for Child Development	\$65,217	\$9,783	\$75,000	
Education	Literacy, Early, Bilingual & Special Education	Yun, C.	Preparing a New Generation of Educators- Phase II (Yr. 3 of 3)	Branch Alliance for Educator Diversity	\$112,334	\$5,833	\$118,167	
Education	Literacy, Early, Bilingual & Special Education	Yun, C.	Community Partnerships to Strengthen the ECE Professional Pipeline (Year 1 of 4)	Department of Health and Human Services (DHHS)	\$285,714	\$114,286	\$400,000	
<b>Total Department Submitted Proposals: 18</b>					<b>Totals:</b>	<b>\$848,169</b>	<b>\$185,234</b>	<b>\$1,033,403</b>

Education	Welty Center	Boris, V.	Building Coherence in our Schools - 2018-19	Dinuba Unified School District	\$56,482	\$4,518	\$61,000	
Education	Welty Center	Boris, V.	Executive Coaching 2018-19	Fresno Unified School District	\$54,740	\$4,760	\$59,500	
Education	Welty Center	Boris, V.	Clovis Area Internal Coherence Training - 2018-19	Clovis Unified School District	\$79,496	\$7,504	\$87,000	
Education	Welty Center	Boris, V.	Selma Coherence Training - 2018-19	Selma Unified School District	\$46,832	\$4,168	\$51,000	
Education	Welty Center	Boris, V.	Executive Coaching Training - 2018-19	Twin Rivers Unified School District	\$24,300	\$2,700	\$27,000	
Education	Welty Center	Boris, V.	Building Coherence Seminar Series 2018-19	Lindsay Unified School District	\$64,815	\$5,185	\$70,000	
Education	Welty Center	Boris, V.	Professional Learning Seminars - 2018-19	Hardie Fellowship (via Matt Bennell)	\$12,600	\$1,400	\$14,000	
Education	Welty Center	Boris, V.	Executive Coaching - 2018-19	Reef Sunset Unified School District	\$9,722	\$778	\$10,500	
<b>Total Department Submitted Proposals: 8</b>					<b>Totals:</b>	<b>\$348,987</b>	<b>\$31,013</b>	<b>\$380,000</b>

**Totals: \$4,548,495 \$431,479 \$4,979,974**

# Lyles College of Engineering

## Lyles College of Engineering Submitted Proposals: 71

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Engrg	Civil and Geomatics Engrg	Ahn, Y.	Literature Study on the Use of Drones for Road Repair	G-ros	\$8,694	\$1,304	\$9,998	
Engrg	Civil and Geomatics Engrg	Larralde-Muro	Student Assistant Cal Fire Support (Yr. 4 of 4)	Department of Forestry and Fire Protection	\$47,826	\$7,174	\$55,000	
Engrg	Civil and Geomatics Engrg	Larralde-Muro	Student Interns - City of Clovis (Yr. 3 of 3)	City of Clovis	\$12,833	\$1,500	\$14,333	
Engrg	Civil and Geomatics Engrg	Larralde-Muro J./ Banerjee S./ Nazari M./ Leal-Quiros E./ Quiroz B.	CREST Center for Advanced Materials and Smart Systems (CAMSS) (Yr. 1 of 5)	National Science Foundation (NSF)	\$3,231,626	\$998,250	\$4,229,876	
Engrg	Civil and Geomatics Engrg	Larralde-Muro, J.	Fresno State NRCS Career Development Program 2018	United States Department of Agriculture (USDA)	\$50,454	\$4,546	\$55,000	
Engrg	Civil and Geomatics Engrg	Li, Xiaojun	Development of a Quality Control Method and Guideline for Hot Mix Asphalt LTPP Data Analysis: Feasibility of Using LTPP Data to Improve Use of FWD and Longitudinal Profile Measurements	San Jose State University	\$67,775	\$7,166	\$74,941	
Engrg	Civil and Geomatics Engrg	Li, Xiaojun	Understanding the Factors Contributing to the Aerial Dispersion of Cyanotoxins and Assessing Human Risk Factors Associated with such Dispersion. Leading Scientists (year 1 of 5) [ ]	Transportation Research Board	\$18,026	\$1,262	\$19,288	
Engrg	Civil and Geomatics Engrg	Liu, L.	Specifications for Using Unmanned Aerial Systems (Yr. 3 of 3)	Department of Health and Human Services (DHHS)	\$157,143	\$62,857	\$220,000	
Engrg	Civil and Geomatics Engrg	Munjy, R./Berber, M./Peterson, S.	Specifications for Using Unmanned Aerial Systems (Yr. 3 of 3)	State of California, Dept. of Transportation	\$143,889	\$31,111	\$175,000	
Engrg	Civil and Geomatics Engrg	Oka, L./ Berber/ Choo	MRi: Acquisition of Gravity Meters to Establish a Subsidence Monitoring Laboratory	National Science Foundation (NSF)	\$563,247	\$0	\$563,247	
Engrg	Civil and Geomatics Engrg	Oka, L./Van Laar, T./Liu, L./Oka, G.	Investigating the effect of microbial activity on hydraulic conductivity and mechanical behavior of soils	STEM.NET (CSU)	\$50,000	\$0	\$50,000	
Engrg	Civil and Geomatics Engrg	Pasha F./ Goorahoo D./ Jacobsen T./ Yeasmin D.	Smart Farm: Cutting Edge Field-Scale Technologies and Soil-Water-Plant Continuum Approach for the Optimum Use of Agricultural Water and Energy Pilot Study (Year 1 of 3)	CSU Agricultural Research Institute (ARI)	\$137,941	\$0	\$137,941	
Engrg	Civil and Geomatics Engrg	Pasha F./ Jacobsen T./ Yeasmin, D./ Green S.	A Physical Process Based Comprehensive Machine Learning Approach for Estimating Crop Water Requirement and Energy Usage Field Scale Pilot Study (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$118,412	\$0	\$118,412	
Engrg	Civil and Geomatics Engrg	Pasha, F./ Jacobsen, T. Green, S.	AI Model for Estimating Crop Water Demand: An Artificial Intelligence Model to Improve Agricultural Water Use Efficiency Using Field, Plant, and Weather Data Case Study[ ]	Irrigation Innovation Consortium (Univ. of CO Passthrough)	\$44,847	\$4,485	\$49,332	
Engrg	Civil and Geomatics Engrg	Pasha/Yeasmin	ARI: An Integrated Management Model to Operate a Farm at Peak Efficiency (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$36,000	\$0	\$36,000	
Engrg	Civil and Geomatics Engrg	Peterson, S./ Ahn, Y./Banerjee, S.	Proof-of-Concept Research of Roadside LiDAR Sensing Multimode Traffic (Yr. 1 of 3)	Nevada Department of Transportation	\$239,828	\$59,957	\$299,785	
Engrg	Civil and Geomatics Engrg	Qualle, C.	The Feasibility of Shallow Subsurface Artificial Groundwater Recharge in the San Luis Water District (Yr. 1 of 3)	CA Dept Water Resources	\$144,232	\$41,723	\$185,955	
Engrg	Civil and Geomatics Engrg	Stillmaker, A./Sadrinezhad, A./Nazari, M./Oka, L.	Seed funding to pursue an NSF EEC grant to provide a workshop to support career development and networking of female engineering and computer science faculty across the CSU system	STEM.NET (CSU)	\$45,032	\$0	\$45,032	
Engrg	Civil and Geomatics Engrg	Stillmaker, K.	ECl Proposal - Collaborative with University at Buffalo (Yr. 1 of 3)	National Science Foundation (NSF)	\$47,271	\$15,308	\$62,579	
Engrg	Civil and Geomatics Engrg	Tawfik	Minimizing Negative Environmental Impacts, Time, and Cost of Business Commuters (Yr. 3 of 3)	Fresno COG (CalTrans)	\$38,042	\$5,706	\$43,748	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Travel Behavior Data Fusion Approach (Yr. 2 of 2)	U.S. Department of Transportation (Booz Allen Passthrough)	\$64,383	\$16,740	\$81,123	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Motor Mobile - Low Carbo Fuel Investments (Yr. 1 of 2)	CEC	\$48,000	\$12,000	\$60,000	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	California State University Transportation Consortium (SB1) (Yr. 2 of 3)	State of California (SJSU Lead)	\$131,740	\$18,260	\$150,000	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	San Joaquin Valley Electric Tractor Development and Demonstration (Year 1 of 3)	Project Clean Air	\$116,190	\$3,810	\$120,000	
Engrg	Civil and Geomatics Engrg	Tehrani, F./ Nazari M.	Extending the Life of Transportation Systems Using Internally Cured Concrete with Fine Light Expanded Clay Aggregates	CSUTC (SIST Passthrough)	\$55,371	\$8,306	\$63,677	
Engrg	Civil and Geomatics Engrg	Wright, W.	Technical Review - Dairy Digester Research - Amendment	State of California, Department of Food and Agriculture	\$122,500	\$18,375	\$140,875	
Engrg	Civil and Geomatics Engrg	Wright, W./Thompson K.	Technical Reviews of Grant Applications Received Under the Healthy Soils Program, Dairy Digester, Research and Development Program, and State Water Efficiency Program (Year 1 of 2)	CA Department of Food and Agriculture	\$475,000	\$95,000	\$570,000	
<b>Total Department Submitted Proposals: 27</b>					<b>Totals:</b>	<b>\$6,216,302</b>	<b>\$1,414,840</b>	<b>\$7,631,142</b>
Engrg	Construction Management	Luo, V./ Wu, W.	Lab Innovations with Technology	CSU	\$15,000	\$0	\$15,000	
Engrg	Construction Management	Luo, V./Wu, W.	A Multi-User Immersive Virtual Field Trip (MUI-VFT) Solution via a Cloud-based Open Virtual Reality Platform for Construction and Engineering Education	CSU (STEM NET)	\$50,000	\$0	\$50,000	
Engrg	Construction Management	Wu, W.	EXP: Collaborative Research; Cultivating Apprenticeship Learning for Architecture, Engineering, and Construction Using Mixed Reality (Yr. 2 of 3)	National Science Foundation (NSF)	\$99,547	\$39,819	\$139,366	
Engrg	Construction Management	Wu, W.	Collaborative Research: EXP: Institutional & Community Transformation: How Communities Practice Support Teaching & Learning When Industry Practices Rapidly Change (Yr. 1 of 3)	National Science Foundation (NSF)	\$127,463	\$26,985	\$154,448	
Engrg	Construction Management	Zoghi	Residential Construction Management (Yr. 5 of 5)	National Housing Endowment	\$17,500	\$0	\$17,500	
<b>Total Department Submitted Proposals: 5</b>					<b>Totals:</b>	<b>\$309,510</b>	<b>\$66,804</b>	<b>\$376,314</b>
Engrg	Dean	Larralde-Muro, J.	NRCS Career Development Program 2019	United States Department of Agriculture (USDA)	\$45,454	\$4,546	\$50,000	
Engrg	Dean	Nunna, R.	Advancing Aerospace Related Research 2019[ ]	California Space Grant Consortium (National Aeronautics and Space Administration (NASA) Passthrough)	\$8,000	\$0	\$8,000	
Engrg	Dean	Nunna, R./Maldonado, H.	MESA MEP Program 2017-18	UCOP	\$9,524	\$476	\$10,000	
Engrg	Dean	Nunna, R./Prieto, B.	Jave 2018 Academy	The Regents of University of California	\$3,909	\$206	\$4,115	
Engrg	Dean	Nunna, R./Prieto, B.	MESA Girls Computer Science Camp 2019	Intel Foundation (via UCOP)	\$191,631	\$9,582	\$201,213	
Engrg	Dean	Nunna, R./Prieto, Beatrice	MESA Schools 2018-2019 Program	The Regents of University fo California, Office of the President	\$171,429	\$8,571	\$180,000	
<b>Total Department Submitted Proposals: 6</b>					<b>Totals:</b>	<b>\$429,947</b>	<b>\$23,381</b>	<b>\$453,328</b>
Engrg	Electrical and Computer Engrg	El-Razouk, H.	CRII:SHF:RUI:Novel GF(2) Multipliers for Improved Production Yield Cryptography (Yr. 1 of 2)	National Science Foundation (NSF)	\$121,969	\$48,788	\$170,757	
Engrg	Electrical and Computer Engrg	El-Razouk, H./Clement, K./Kulhandjian, H./Stillmaker, A./Tayeb, S.	Empowering Cybersecurity Workforce in California	CSU (STEM NET)	\$50,000	\$0	\$50,000	

Engrg	Electrical and Computer Engrg	Kim, Y.	Collaborative Research: Sensing Human Motions using Electromagnetic Field Perturbations of On-body Antennas (Yr. 1 of 3)	National Science Foundation (NSF)	\$133,544	\$53,418	\$186,962	
Engrg	Electrical and Computer Engrg	Kim, Y.	Array Signal Processing for 5G Applications	Kia Motors Corporation (Hyundai Motors Company)	\$151,525	\$22,729	\$174,254	
Engrg	Electrical and Computer Engrg	Kim, Y.	Drone Characterization 2019	Daegu Gyeongbuk Institute of Science and Technology (DGIST) (South Korea)	\$59,182	\$10,818	\$70,000	
Engrg	Electrical and Computer Engrg	Kim, Y.	Electronics and Telecommunications Research Institute (ETRI) Agreement 2019	DGIST	\$49,182	\$10,818	\$60,000	
Engrg	Electrical and Computer Engrg	Kinman P.	Advanced DSN Engineering - Modification 003 - (Year 3 of 4)	National Aeronautics and Space Administration (NASA) - JPL	\$67,857	\$27,143	\$95,000	
Engrg	Electrical and Computer Engrg	Kinman P.	Advanced DSN Engineering - Modification 004	National Aeronautics and Space Administration (NASA) - JPL	\$25,000	\$10,000	\$35,000	
Engrg	Electrical and Computer Engrg	Kinman P.	Advanced DSN Engineering - Modification 005	National Aeronautics and Space Administration (NASA) - JPL	\$22,857	\$9,143	\$32,000	
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering (Modification No. 6/ Sub No. 1556698)	National Aeronautics and Space Administration (NASA) - JPL	\$25,714	\$10,286	\$36,000	
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering Subcontract No. 1556698 Modification No. 008 (Yr. 1 of 3)	National Aeronautics and Space Administration (NASA) - JPL	\$417,014	\$166,806	\$583,820	
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering (Modification No. 7/Sub No. 1556698)	National Aeronautics and Space Administration (NASA) - JPL	\$89,433	\$35,774	\$125,207	
Engrg	Electrical and Computer Engrg	Kriehn, G.	Fagerstrom Consulting Work for Cook Land	Fagerstrom Engineering Inc.	\$14,039	\$1,404	\$15,443	
Engrg	Electrical and Computer Engrg	Kulhandjian, H./El-Razouk, H./Pirouz, M./Tayeb, S./Stillmaker, A.	Transformation of STEM Instruction in K-12 Through IoT	CSU (STEM NET)	\$50,000	\$0	\$50,000	
Engrg	Electrical and Computer Engrg	Kulhandjian, H./Raeisi, R./El-Razouk, H./Stillmaker, A./PirouzNia, M.	Transformation of STEM-C Instruction in K-12 through IoT (Yr. 1 of 3)	National Science Foundation (NSF)	\$791,875	\$301,750	\$1,093,625	
Engrg	Electrical and Computer Engrg	Laha, S.	Design of a noninvasive, wearable and continuous glucose monitoring working prototype using an integrated RF and photo-acoustic technique	CSU (CUSPERB)	\$15,000	\$0	\$15,000	
Engrg	Electrical and Computer Engrg	Laha, S./ Banerjee, S./Kriehn, G./Cecotti, H.	Wearable Flexible Continuous Non-Invasive Glucose Monitoring System using an Integrated Optical and Photoacoustic Technique (Yr. 1 of 3)	Keck Foundation	\$700,000	\$0	\$700,000	
Engrg	Electrical and Computer Engrg	Laha, S./Banerjee, S.	Non Invasive Glucose Monitoring with NIR LED using Photoacoustic Approach	CSU (STEM NET)	\$49,740	\$0	\$49,740	
Engrg	Electrical and Computer Engrg	Laha, S./Kim, Y.	Full Duplex Transceiver Design for Wireless Network on Chips (WiNoCs)	CSU (STEM NET)	\$50,000	\$0	\$50,000	
Engrg	Electrical and Computer Engrg	McBee, K.	Power Line Vegetation Management to Counteract Global Warming	CSU (STEM NET)	\$99,400	\$0	\$99,400	
Engrg	Electrical and Computer Engrg	Stillmaker, A.	CRII:CSU:RU1: Chip Design in the Kilo-Core Era (Yr. 1 of 2)	National Science Foundation (NSF)	\$128,064	\$46,426	\$174,490	
Engrg	Electrical and Computer Engrg	Tayeb, S./Pirouz, M.	A Data-Centric Framework for the Security of Connected and Autonomous Vehicles	CSU (STEM NET)	\$39,740	\$0	\$39,740	
Engrg	Electrical and Computer Engrg	Wang, N./ Na, W.	NeTS:Small;RU1; Bulldog Mote - Low Power Sensor Node and Design Methodologies (Yr. 1 of 3)	National Science Foundation (NSF)	\$306,977	\$117,635	\$424,612	
<b>Total Department Submitted Proposals: 23</b>					<b>Totals:</b>	<b>\$3,458,112</b>	<b>\$872,938</b>	<b>\$4,331,050</b>
Engrg	Mechanical Engrg	Banerjee, S.	Novel Scalable Multifunction Photovoltaic Cells for Solar-Driven Energy Production and Hybrid Water Desalination Nano System (Yr. 1 of 3)	SUNY Buffalo/ Center for Advanced Materials (Qatar University)	\$86,555	\$12,983	\$99,538	
Engrg	Mechanical Engrg	Banerjee, S./Xie Y./ Leal-Quiros E.	Non-thermal plasma based surface modification in composite and flexible electro-active thin films: combined modelling and experimental study (Year 1 of 3)	National Science Foundation (NSF)	\$328,693	\$131,476	\$460,169	
Engrg	Mechanical Engrg	Law, D./Happawana, G.	Performance Measurement of a Small Footprint Subcritical Carbon Dioxide (SubCO2) based External Combustion Heat Engine Prototype	CSU (STEM NET)	\$50,000	\$0	\$50,000	
Engrg	Mechanical Engrg	Liang, Z.	RU1: Thermal Transport Across Liquid Gas Interfaces (Yr. 1 of 3)	National Science Foundation (NSF)	\$213,235	\$85,298	\$298,533	
Engrg	Mechanical Engrg	Liang, Z.	Understanding the merging dynamics of surface nanobubbles and the resulting capillary force between particles from molecular simulations (Yr. 1 of 3)	National Science Foundation (NSF)	\$197,312	\$78,925	\$276,237	
Engrg	Mechanical Engrg	Liang, Z.	A study of fast evaporation of micro/nanodroplets and its applications in spray cooling and spray combustion	CSU (STEM NET)	\$19,231	\$0	\$19,231	
Engrg	Mechanical Engrg	Liang, Z.	A study of merging dynamics of nanobubbles and their applications in water treatment and froth flotation	CSU (STEM NET)	\$19,231	\$0	\$19,231	
Engrg	Mechanical Engrg	Nguyen, T.	Design and Manufacturing of a Produce Sorting Line]	Central California Food Bank	\$8,000	\$1,200	\$9,200	
Engrg	Mechanical Engrg	Nguyen, T.	Design and Manufacturing of a Salad Dressing Bottling Line]	Milly's Organics	\$18,600	\$2,790	\$21,390	
Engrg	Mechanical Engrg	Xie, Y.	Analytical and Experimental Studies of Film Defect and Process Efficiency in Plasma Enhanced Atomic Layer Deposition	CSU (STEM NET)	\$16,663	\$0	\$16,663	
<b>Total Department Submitted Proposals: 10</b>					<b>Totals:</b>	<b>\$957,520</b>	<b>\$312,672</b>	<b>\$1,270,192</b>
					<b>Totals:</b>	<b>\$11,371,391</b>	<b>\$2,690,635</b>	<b>\$14,062,026</b>

# College of Health and Human Services

College of Health and Human Services Submitted Proposals: 63									
School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted		
Hlth & HS	Central California Children's Institute	Joubert C.	Central Valley Regional Center Diversity Project (Yr. 2 of 2)	Central Valley Regional Center (CVRC)	\$77,391	\$11,609	\$89,000		
Hlth & HS	Central California Children's Institute	Joubert, C.	Reducing African American Infant Mortality in Fresno County 2018-19	First 5 Fresno County	\$21,701	\$3,255	\$24,956		
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$99,092</b>	<b>\$14,864</b>	<b>\$113,956</b>	
Hlth & HS	Communicative Sciences & Deaf Studies	Findley, B.	Video Modeling for Children with Speech-Sound Disorders	ASHFoundation	\$10,000	\$0	\$10,000		
Hlth & HS	Communicative Sciences & Deaf Studies	Johnson, S	Opportunities for Deaf Community College Students	National Resource Center (Paul P. Fidler Grant Program)	\$4,766	\$0	\$4,766		
Hlth & HS	Communicative Sciences & Deaf Studies	Smith-Warshaw, J.	Family Literacy Intervention Program	Wish You Well Foundation	\$8,695	\$1,305	\$10,000		
Hlth & HS	Communicative Sciences & Deaf Studies	Smith-Warshaw, J.	Family Literacy Intervention Program	Central Valley Community Foundation	\$10,991	\$1,649	\$12,640		
<b>Total Department Submitted Proposals: 4</b>					<b>Totals:</b>	<b>\$34,452</b>	<b>\$2,954</b>	<b>\$37,406</b>	
Hlth & HS	CVHPI	Bengiamin, M	Evaluation for Health Equity 2018-21 (Amendment 1) (Year 1 of 3)	CA Endowment	\$348,478	\$51,522	\$400,000		
Hlth & HS	CVHPI	Bengiamin, M	Reducing Disparity Project Evaluation (Yr. 3 of 5)	West Fresno Family Resource Center	\$222,277	\$32,010	\$254,287		
Hlth & HS	CVHPI	Bengiamin, M	California Oral Health Network	California Pan-Ethnic Health Network	\$4,348	\$652	\$5,000		
Hlth & HS	CVHPI	Capitman, J.	Asthma Study - Subcontract with UC Berkeley (Amendment 8)	EPA (via University of California)	\$7,228	\$2,772	\$10,000		
Hlth & HS	CVHPI	Capitman, J.	Nutrition Education Obesity Prevention (NEOP) (Yr. 1 of 3)	County of Fresno	\$86,400	\$21,600	\$108,000		
Hlth & HS	CVHPI	Capitman, J.	Fresno County Collaboration for Wellness (Year 1 of 3)	County of Fresno	\$137,021	\$36,311	\$173,332		
Hlth & HS	CVHPI	Capitman, J.	Independent Living Association Program	Community Health Improvement Partners (CHIP)	\$60,869	\$9,130	\$69,999		
Hlth & HS	CVHPI	Capitman, J.	Collective Impact Fresno Backbone PTBI (Phase III; Amend. 2)	University of California, San Francisco (UCSF)	\$320,579	\$32,058	\$352,637		
Hlth & HS	CVHPI	Capitman, J.	Doctors Academy Research Class Professional Development	Caruthers Unified School District	\$756	\$144	\$900		
Hlth & HS	CVHPI	Capitman, J.	School Based Health	Fresno County Cradle to Career	\$28,696	\$4,304	\$33,000		
Hlth & HS	CVHPI	Capitman, J./ Lessard, L.	Group Pediatric Care	First 5 Fresno	\$8,905	\$891	\$9,796		
Hlth & HS	CVHPI	Capitman, J./Bengiamin, M.	Local Oral Health Evaluation Services (Yr. 1 of 3)	County of Fresno	\$152,174	\$22,826	\$175,000		
Hlth & HS	CVHPI	Capitman, J./Bengiamin, M.	Oral Health Policy Messaging 2019-20 (Year 5 of 5)	Dentaquest Foundation	\$61,565	\$9,235	\$70,800		
Hlth & HS	CVHPI	Capitman, J./Bengiamin, M.	Oral Health Policy Messaging (Supplemental Funding)	Dentaquest Foundation	\$2,522	\$378	\$2,900		
Hlth & HS	CVHPI	Capitman, J./Flores, S.	Fresno County PTBI: Parent Council Advisory Committee	Anthem Foundation	\$90,909	\$9,091	\$100,000		
Hlth & HS	CVHPI	Capitman, J./Pacheco, T.	Developing the Region's Inclusive and Vibrant Economy [D.R.I.V.E.]	Central Valley Community Foundation	\$63,360	\$11,639	\$74,999		
Hlth & HS	CVHPI	Capitman, J./Werner, T.	Safety Through Connections	Cultiva la Salud	\$4,348	\$652	\$5,000		
Hlth & HS	CVHPI	Capitman, J.; Lessard, L.	Comparing Approaches to Enhanced Prenatal Care - GLOW - Phase II (Yr. 1 of 4)	Patient-Centered Outcomes Research Institute (via UCSF)	\$597,320	\$171,279	\$768,599		
Hlth & HS	CVHPI	Capitman, J.; Lessard, L.	Group Prenatal Care Demonstration (GLOW), Amend. 1 (Yr. 2 of 3) - 2018-2019	UCSF (via First 5 Fresno County)	\$15,000	\$1,500	\$16,500		
<b>Total Department Submitted Proposals: 19</b>					<b>Totals:</b>	<b>\$2,212,755</b>	<b>\$417,994</b>	<b>\$2,630,749</b>	
Hlth & HS	Dean	Hironaka-Juteau, J./DeRoo, D.	Fresno County Preterm Birth Initiative (PTBI)	Central Valley Community Foundation	\$91,818	\$8,182	\$100,000		
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$91,818</b>	<b>\$8,182</b>	<b>\$100,000</b>	
Hlth & HS	Kinesiology	Snyman, K.	A Single Site, Double-blinded, Randomized, Placebo-controlled, Crossover Trial to Evaluate the Potential Effects of the Supplement THC-free Cannabidiol (CBD) Oil on Delayed Onset Muscle Soreness	National Strength and Conditioning Association	\$20,000	\$4,000	\$24,000		
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$20,000</b>	<b>\$4,000</b>	<b>\$24,000</b>	
Hlth & HS	Nursing/CCCEN	Gilbert M.	Song Brown RN Capitation 2017-2019 (Yr. 2 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$72,000	\$0	\$72,000		
Hlth & HS	Nursing/CCCEN	Gilbert, M.	PMHNP Educational Capacity	Office of Statewide Health Planning and Development (OSHPD)	\$342,051	\$17,181	\$359,232		
Hlth & HS	Nursing/CCCEN	Gilbert, M.	Song Brown Family Nurse Practitioner Capitation - 2019-20	Office of Statewide Health Planning and Development (OSHPD)	\$120,000	\$0	\$120,000		
Hlth & HS	Nursing	Rindahl, K./ Gilbert, M.	Advanced Nursing Education Workforce (Yr. 1 of 4)	Department of Health and Human Services (DHHS) - Health Resources and Services Administration (HRSA)	\$682,234	\$16,584	\$698,818		
Hlth & HS	Nursing	Rindahl, K./De La Cruz, P.	Advanced Nursing Education Workforce (Yr. 2 of 2)	Department of Health and Human Services (DHHS) - Health Resources and Services Administration (HRSA)	\$500,041	\$63,616	\$563,657		
<b>Total Department Submitted Proposals: 5</b>					<b>Totals:</b>	<b>\$1,716,326</b>	<b>\$97,381</b>	<b>\$1,813,707</b>	
Hlth & HS	Physical Therapy	Hickey, C./ Walker, D.	Addressing Hypofunctioning Lower Trapezius Muscle Pain	Foundation for Physical Therapy	\$40,000	\$0	\$40,000		
Hlth & HS	Physical Therapy	Rivera, M.	Spatial Cognitive Acquisition and Self-Propulsion	California Physical Therapy Fund	\$8,533	\$0	\$8,533		
Hlth & HS	Physical Therapy	Roos J./ Bhupinder S.	Gait Analysis of Individuals (Year 1 of 3)	San Joaquin Valley Rehabilitation Hospital	\$12,594	\$2,406	\$15,000		
<b>Total Department Submitted Proposals: 3</b>					<b>Totals:</b>	<b>\$61,127</b>	<b>\$2,406</b>	<b>\$63,533</b>	
Hlth & HS	Public Health	Zografos, K.	Bio Statistical Analysis	Valley Children's Healthcare	\$6,522	\$978	\$7,500		
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$6,522</b>	<b>\$978</b>	<b>\$7,500</b>	
Hlth & HS	Recreation Admin	Lankford, S.	Off-Campus Internship Program	City of Visalia	\$3,300	\$0	\$3,300		
Hlth & HS	Recreation Admin	Lankford, S.	OHV/OSV Demographic Study (Year 1 of 2)	California Dept. of Parks and Recreation	\$250,228	\$29,269	\$279,497		
Hlth & HS	Recreation Admin	Whiting, J.	Impacts of R3 Efforts Targeting College Students	Association of Fish & Wildlife Agencies (via N.C. State)	\$4,313	\$587	\$4,900		
<b>Total Department Submitted Proposals: 3</b>					<b>Totals:</b>	<b>\$257,841</b>	<b>\$29,856</b>	<b>\$287,697</b>	
Hlth & HS	Social Work Education	Barrera, I.	Opening Doors for All: Evaluating the Health Impact of Site-Based Parenting Support in Public Housing Communities (Yr. 3 of 3)	Robert Wood Johnson Foundation	\$22,321	\$2,679	\$25,000		
Hlth & HS	Social Work Education	Blankenship, D./Foster, B.	Adult Protective Services Training (APS) - 2019	California Department of Social Services (CDSS)	\$63,998	\$6,400	\$70,398		
Hlth & HS	Social Work Education	Foster, B./ Foster, D./ Vungkhanching, M.	Santa Barbara County Grievance Review Officer 2019-20	County of Santa Barbara Social Services	\$2,609	\$391	\$3,000		
Hlth & HS	Social Work Education	Foster, B./Foster, D.	San Joaquin Grievance Review Officer 2018-19	County of San Joaquin	\$21,250	\$3,750	\$25,000		



Hlth & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	San Mateo Grievance Review Officer 2018-20	San Mateo County	\$21,739	\$3,261	\$25,000	
Hlth & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	CCTA BAA Santa Cruz CWS Training 2018-19	County of Santa Cruz Human Services Department	\$117,362	\$9,389	\$126,751	
Hlth & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	Adult Protective Services (APS) Training - 2019-20	California Department of Social Services (CDSS)	\$64,000	\$6,400	\$70,400	
Hlth & HS	Social Work Education	Foster, D. / Foster, B. / Vungkhanching, M.	CCTA-CFPIC California Core Practice Model '19	Child and Family Policy Institute of California	\$65,217	\$9,783	\$75,000	
Hlth & HS	Social Work Education	Foster, D. / Foster, B. / Vungkhanching, M.	CCTA BAA-CFPIC California Core Practice Model '19	Child and Family Policy Institute of California	\$69,444	\$5,556	\$75,000	
Hlth & HS	Social Work Education	Foster, D. / Foster, B. / Vungkhanching, M.	Ventura County Grievance Review 2018-19	Ventura Human Services Agency	\$8,694	\$1,306	\$10,000	
Hlth & HS	Social Work Education	Foster, D./Foster, B.	Central California Teaching Academy (CCTA)/Bay Area Academy (Yr. 3 of 3)	San Mateo County Human Services Agency	\$355,767	\$28,461	\$384,228	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA Marin County Training 2019-20	County of Marin	\$185,616	\$14,849	\$200,465	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Napa County Child Welfare Services 2019-20	Napa County	\$217,464	\$17,397	\$234,861	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Tulare Co Child Welfare Services (CWS) Training 2019-22 (Yr. 1 of 3)	Tulare Co Department of Human Services	\$116,872	\$17,531	\$134,403	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Monterey County Child Welfare Training 2019-20	County of Monterey	\$162,736	\$13,018	\$175,754	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Solano County Child Welfare Training 2019-20	County of Solano	\$65,084	\$5,207	\$70,291	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Ventura County Field Based Training 2019-20	Ventura County Human Services	\$272,137	\$40,821	\$312,958	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA San Benito Co 2018-19	County of San Benito	\$73,865	\$5,909	\$79,774	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA San Benito County 2019-20	County of San Benito	\$66,232	\$5,299	\$71,531	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching M./Foster, B.	Stanislaus Grievance Review Officer '18 (Yr. 2 of 2)	Stanislaus County Community Service Agency	\$11,304	\$1,696	\$13,000	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching M./Foster, B.	Calaveras Grievance Review Officer '19 (Year 1 of 2)	Calaveras County	\$8,695	\$1,305	\$10,000	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching/Foster, B.	CCTA Kern County Safety Organized Practice Training (Yr. 2 of 5)	Kern County Department of Human Services	\$82,150	\$12,323	\$94,473	
Hlth & HS	Social Work Education	Miltiades, H.	Integrating Palliative Care Education	California Health Care Foundation (via CSU San Marcos)	\$10,500	\$1,050	\$11,550	
Hlth & HS	Social Work Education	Vungkhanching, M.	Title IV-E Social Work Training Program 2018-19 (Year 1 of 2)	CA Social Work Education Center (CalSWEC)	\$2,988,593	\$269,175	\$3,257,768	
<b>Total Department Submitted Proposals: 24</b>					<b>Totals:</b>	<b>\$5,073,649</b>	<b>\$482,956</b>	<b>\$5,556,605</b>
					<b>Totals:</b>	<b>\$9,573,582</b>	<b>\$1,061,571</b>	<b>\$10,635,153</b>

# College of Science and Mathematics

## College of Science and Mathematics Submitted Proposals: 103

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Sci & Math	Biology	Banuelos, M.	Regulatory T cell function in predicting Valley fever outcomes (Yr. 1 of 2)	Department of Health and Human Services (DHHS) - National Institutes of Health (UC Merced Passthrough)	\$23,788	\$9,515	\$33,303	
Sci & Math	Biology	Blumenshine, S.	Influence & Impact of Water Allocation for Salmon Restoration (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$30,715	\$0	\$30,715	
Sci & Math	Biology	Bush, J.	Metabolomics Analysis of HER2-Positive Breast Cancer Cells (Yr. 2 of 4)	National Institute of Health (NIH)	\$75,000	\$30,000	\$105,000	
Sci & Math	Biology	Calderon-Urrea, A.	Chalcones as Nematicidal: Genetics and Mechanism of Action	CSU (CSUPERB)	\$14,441	\$0	\$14,441	
Sci & Math	Biology	Calderon-Urrea, A.	Production and testing of peptides, in combination with chalcones, for use as nematicidal (Passthrough)	Telluris Envirotechnology LLC, Prime: National Institutes of Health (NIH)	\$44,587	\$17,835	\$62,422	
Sci & Math	Biology	Gousset, K.	Identification of Tunneling Nanotube and Filopodia Specific Biomarkers Using Laser Capture Microdissection and Mass Spectrometry	CSU (CSUPERB)	\$15,000	\$0	\$15,000	
Sci & Math	Biology	Gousset, K.	Uncovering the mitochondrial-derived, H2O2 and glutamate-dependent TNT formation signaling pathways	CSU (STEM NET)	\$20,000	\$0	\$20,000	
Sci & Math	Biology	Hansen A.	Inclusive Engineering Programs (IEP): Designing for all Students to Experience Success in K-5 STEM Education (Year 1 of 3)	Spencer Foundation	\$49,922	\$0	\$49,922	
Sci & Math	Biology	Hansen, A.	Engineering Environmental Solutions (EES): Leveraging Professional Learning Communities to Improve NGSS-aligned Engineering Education (Yr. 1 of 3)	National Science Foundation (NSF) - (WestEd Passthrough)	\$53,571	\$21,428	\$74,999	
Sci & Math	Biology	Hansen,A./Muller, U.	Fabricating Better Field Trips: Synergistic Partnerships to Improve K-16 STEM Education	CSU (STEM NET)	\$50,000	\$0	\$50,000	
Sci & Math	Biology	Lent, David	CAREER: Navigation in Naturalistic and Changing Environments (Yr. 4 of 5)	National Science Foundation (NSF)	\$107,419	\$32,288	\$139,707	
Sci & Math	Biology	Mujic, A.	Fungi Taxonomy Project	United States Department of Agriculture (USDA) - Forest Service & Bureau of Land Management	\$10,213	\$1,787	\$12,000	
Sci & Math	Biology	Muller, U.	Scientific Meeting Grant - SICB Annual Meeting 2020	The Company of Biologists	\$3,810	\$0	\$3,810	
Sci & Math	Biology	Reece, J.	Bat Biodiversity in Sequoia Forests: Kings Canyon and Sequoia National Parks	Save the Redwoods League	\$25,000	\$0	\$25,000	
Sci & Math	Biology	Reece, J.	Vulnerability Assessment of Georgia's Coastal Species (Yr. 2 of 2)	State of Georgia (University of Georgia)	\$25,000	\$0	\$25,000	
Sci & Math	Biology	Reece, J.	Bat monitoring, conservation and outreach in Sequoia and Kings Canyon National Parks	Sequoia Parks Conservancy	\$4,255	\$745	\$5,000	
Sci & Math	Biology	Reece, J.	Bat monitoring in Sequoia and Kings Canyon National Parks	Wildlife Acoustics	\$4,971	\$0	\$4,971	
Sci & Math	Biology	Ross J.	Genetic Basis of Sperm Mitochondrial Elimination (Yr. 2 of 3)	National Institute of Health (NIH)	\$100,000	\$40,000	\$140,000	
Sci & Math	Biology	Ross, J.	Genetic Limits on Climate Change Adaptation	CSU (STEM NET)	\$20,000	\$0	\$20,000	
Sci & Math	Biology	Telemeco, R.	Developmental Consequences of the Native Microbiome for a Non-Model Vertebrate	CSU Agricultural Research Institute (ARI)	\$15,000	\$0	\$15,000	
Sci & Math	Biology	Telemeco, R./Van Laar, T.	Effects of the Microbiome on the Phenotype and Survival of a Wild Vertebrate	CSU (STEM NET)	\$50,000	\$0	\$50,000	
Sci & Math	Biology	Van Laar, T.	A CURE for Introductory Biology Achievement Gaps?: Redesign of BIOL 1A Labs	CSU (CSUPERB)	\$15,000	\$0	\$15,000	
Sci & Math	Biology	Van Laar, T.	The Prevalence of Antibiotic Resistance in Probiotic Bacteria and Risk of Transfer to Opportunistic Pathogens of the Gut Microbiome (Year 1 of 2)	National Institute of Health (NIH) - NIAID	\$25,000	\$10,000	\$35,000	
Sci & Math	Biology	Van Laar, T.	Exposure Risk of Companion Canines to Tick-borne Relapsing Fever and Lyme Disease in Central California]	Morris Animal Foundation	\$10,000	\$800	\$10,800	
Sci & Math	Biology	Van Laar, T.	Persistence is not futile: the evolution of antibiotic resistance in Klebsiella pneumonia biofilms	CSU (STEM NET)	\$20,000	\$0	\$20,000	
Sci & Math	Biology	Van Laar, T.	The prevalence of antibiotic resistance in probiotic bacteria and risk of transfer to opportunistic pathogens of the gut microbiome (Yr. 1 of 2)	UC Merced - National Institute of Health (NIH)	\$35,000	\$14,000	\$49,000	
Sci & Math	Biology	Van Laar, T./Crosbie, P.	Exposure Risk of Companion Canines to Tick-borne Relapsing Fever and Lyme Disease in Central California (Yr. 1 of 2)	Department of Health and Human Services (DHHS)	\$100,000	\$37,600	\$137,600	
Sci & Math	Biology	Walter E.	IUSE: Bulldogs for Excellence in STEM Teaching (BEST): A College-Wide Transformation for Student Success (Year 1 of 5)	National Science Foundation (NSF)	\$1,571,107	\$588,443	\$2,159,550	
Sci & Math	Biology	Waselkov, K.	Amaranthus Seed Collection: Arizona, New Mexico	United States Department of Agriculture (USDA)	\$9,660	\$0	\$9,660	
Sci & Math	Biology	Waselkov, K.	Plant Exploration for Crop Improvement	United States Department of Agriculture (USDA)	\$9,936	\$0	\$9,936	
Sci & Math	Biology	Waselkov, K. / Shrestha, A.	Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in Amaranthus Palmeri (Yr. 1 of 3)	University of Illinois (Prime: United States Department of Agriculture (USDA))	\$47,098	\$18,839	\$65,937	
<b>Total Department Submitted Proposals: 31</b>					<b>Totals:</b>	<b>\$2,585,493</b>	<b>\$823,280</b>	<b>\$3,408,773</b>

Sci & Math	Chemistry	Brooks, C.	Antibody Recognition of Cancer Associated Mucin Epitopes	National Science Foundation (NSF)	\$299,702	\$119,881	\$419,583
Sci & Math	Chemistry	Brooks, C.	Quest Pharma: Humanized AR9.6 Stable CHO Cell Line Limiting Dilution (Year 1 of 2)	Quest Pharmatech, Inc.	\$20,000	\$3,000	\$23,000
Sci & Math	Chemistry	Brooks, C.	Antibody Recognition of Mucin Proteins for Cancer Immunotherapy and Vaccine Design	CSU (STEM NET)	\$20,000	\$0	\$20,000
Sci & Math	Chemistry	Chen, Q.	Optimization of CB-2 as Chemotherapeutics for Diabetes-Induced Breast Cancer	World Pharmaceutical Technology, LLC	\$31,345	\$2,508	\$33,853
Sci & Math	Chemistry	Chen, Q.	Optimization of Flavonolignans for Castration-Resistant Prostate Cancer	CSU (STEM NET)	\$20,000	\$0	\$20,000
Sci & Math	Chemistry	Chen, Q.	Optimization of Natural Products as Therapeutics for Castration-Resistant Prostate Cancer (Yr. 1 of 5)	The Camille & Henry Dreyfus Foundation	\$75,000	\$0	\$75,000
Sci & Math	Chemistry	Chen, Qiao-Hong	Development of Stabilized Zampanolide Mimics as Chemotherapeutics (Yr. 2 of 3)	Department of Health and Human Services (DHHS) - National Institute of Health (NIH)	\$100,000	\$40,000	\$140,000
Sci & Math	Chemistry	Closser K.	Computational study of the structure and degradation mechanism of pyrethroid insecticides (Year 1 of 2)	CSU (CSUPERB)	\$15,000	\$0	\$15,000
Sci & Math	Chemistry	Donnelly	Collab Res: Noyce Track 4 - Impact of Pre-Services Teach Research (Yr 3 of 3)	National Science Foundation (NSF)	\$13,814	\$5,526	\$19,340
Sci & Math	Chemistry	Donnelly	Enhancing the Quality of Undergraduate Investigation in Physical Science (Yr. 2 of 3)	National Science Foundation (NSF)	\$62,752	\$25,101	\$87,853
Sci & Math	Chemistry	Donnelly	Level 2 engaged student learning/development and implementation - (Year 1 of 4)	National Science Foundation (NSF)	\$249,966	\$97,586	\$347,552
Sci & Math	Chemistry	Goto, J./DeLaCerde, L.	LSAMP: Bridges to the Doctorate (Yr. 1 of 2)	Sacramento State University	\$528,000	\$0	\$528,000
Sci & Math	Chemistry	Krishnan V.	MRI: Acquisition of a 500 MHz NMR spectrometer with a cryoprobe for expanding interdisciplinary research and education at the Fresno State	National Science Foundation (NSF)	\$1,071,023	\$0	\$1,071,023
Sci & Math	Chemistry	Krishnan, V./Bush, J./Calderon-Urrea, A.	G-Rise Program At Fresno State (Yr. 1 of 5)	National Science Foundation (NSF)	\$2,250,887	\$41,799	\$2,292,686
Sci & Math	Chemistry/Psychology/Biology	Krishnan/Hasson/Lachs/Bush	Bridges to the Doctorate 2018-2019 (Yr. 5 of 5)	Department of Health and Human Services (DHHS) - National Institute of Health (NIH)	\$201,441	\$13,330	\$214,771
Sci & Math	Chemistry	Maitra, K./Van Laar, T.	A research-based course development targeting interdisciplinary chemistry-biology concepts: Use of automation, spectroscopy and biotechnology for screening antimicrobial peptides	CSU (STEM NET)	\$50,000	\$0	\$50,000

Sci & Math	Chemistry	Maitra, S.	Targeting ApoE pathway for the discovery of Alzheimers disease drugs R41 sub to Fresno State	Manati LLC	\$114,395	\$45,758	\$160,153	
Sci & Math	Chemistry	Maitra, S.	Structural Diversity in Peptidomimetics: Structure-Function Relationship Study and Cell Penetration Ability	CSU (CSUPERB)	\$15,000	\$0	\$15,000	
Sci & Math	Chemistry	Uchida, M.	Nanomanufacturing of Protein Macromolecular Frameworks Through an Integrated Bioengineering and Computational Approach (Yr. 1 of 3)	National Science Foundation (NSF)	\$136,667	\$22,430	\$159,097	
<b>Total Department Submitted Proposals: 19</b>					<b>Totals:</b>	<b>\$5,274,992</b>	<b>\$416,919</b>	<b>\$5,691,911</b>
Sci & Math	Computer Science	Cecotti, H.	CAREER: Collaborative Brain-Computer Interface with neurofeedback for robust group decision making (Year 1 of 5)	National Science Foundation (NSF)	\$193,552	\$41,061	\$234,613	
Sci & Math	Computer Science	Cecotti, H.	Enhancing student learning experience in Art History with Virtual Reality	National Endowment for the Arts (NEA)	\$10,000	\$0	\$10,000	
Sci & Math	Computer Science	Cecotti, H.	Temporal attentional shifts in non-stationary yaks through deep learning and dynamic functional connectivity analysis (Yr. 1 of 3)	National Science Foundation (NSF)	\$142,860	\$42,299	\$185,159	
Sci & Math	Computer Science	Cecotti, H.	Detection of non-stationarity in the electroencephalogram signal during target detection tasks	CSU (STEM NET)	\$20,000	\$0	\$20,000	
Sci & Math	Computer Science	Cecotti, H./Ringwald, F.	Discovering bow-shock nebulae with deep semi-supervised and active learning (Yr. 1 of 3)	National Aeronautics and Space Administration (NASA)	\$273,170	\$99,608	\$372,778	
Sci & Math	Computer Science	Li, M.	MR: Development of a Cloud-Based Instrument for Heterogeneous.. (Yr. 3 of 3)	National Science Foundation (NSF)	\$70,313	\$17,680	\$87,993	
Sci & Math	Computer Science	Panagopoulos A./ Ashkan S.	Automating Pistachio Canopy Temperature Identification: A Machine Learning Approach (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$64,825	\$0	\$64,825	
Sci & Math	Computer Science	Pirouz, M.	A Virtual Brain: Brain Modeling using Big Data Analytics	CSU (STEM NET)	\$20,000	\$0	\$20,000	
Sci & Math	Computer Science	Pirouz, M./Tayeb, S./Stillmaker, A.	Summer Undergraduate Research Experience (SURE) for Computer Science and Engineering (CSE)	CSU (STEM NET)	\$47,934	\$0	\$47,934	
<b>Total Department Submitted Proposals: 9</b>					<b>Totals:</b>	<b>\$842,654</b>	<b>\$200,648</b>	<b>\$1,043,302</b>
Sci & Math	Dean	Meyer, C.	AGEP Transformation Alliance: Intervention Models to Diversify the Professoriate in Biotechnology (Promise) (Year 1 of 5)	National Science Foundation (NSF)	\$729,050	\$87,614	\$816,664	
Sci & Math	Dean	Meyer, C.	ADVANCE Partnership - Accelerating STEM Faculty Inclusion (ACCEL) (Yr. 1 of 3)	National Science Foundation (NSF) - (Sac State Passthrough)	\$16,128	\$6,451	\$22,579	
Sci & Math	Dean	Meyer, C./ Hasson, A.	Introducing Research Deconstruction Pedagogy into Gateway Courses to Improve Student Engagement with STEM (Year 1 of 3) II	CA Governor's Office of Planning and Research	\$433,333	\$34,187	\$467,520	
Sci & Math	Dean	Meyer, C./Jones C./ De Souza C./ Goto J.	Catalyzing Ideas for the San Joaquin Valley: Innovating Mathematics and Chemistry Curriculum (MC2) - (Year 1 of 3)	National Science Foundation (NSF)	\$652,117	\$253,355	\$905,472	
<b>Total Department Submitted Proposals: 4</b>					<b>Totals:</b>	<b>\$1,830,628</b>	<b>\$381,607</b>	<b>\$2,212,235</b>
Sci & Math	Earth & Environmental Sciences	Brady, M./Mine, A.	Investigating the Paleo biological and Environmental Consequences of the Paleocene-Eocene Thermal Maximum in Continental Shelf Records (Yr. 2 of 3)	David B. Jones Foundation	\$50,604	\$20,242	\$70,846	
Sci & Math	Earth & Environmental Sciences	Brady, M./Mine, A./Weinman, B./Richaud, M.	GP-IMPACTS: Building Opportunities through Networks of Discovery in the Geosciences (GEOBOUND) (Yr. 1 of 3)	National Science Foundation (NSF)	\$256,477	\$86,991	\$343,468	
Sci & Math	Earth & Environmental Sciences	Mine, A.	Impact of Phosphorus from Airborne Deposition on Soil Nutrient Cycling and Watershed Function in Temperate Mountain Ecosystems (Yr. 1 of 3)	Department of Energy (DOE)	\$35,714	\$14,286	\$50,000	
Sci & Math	Earth & Environmental Sciences	Putirka, K.	RUI: COLLABORATIVE PROPOSAL: TECTONIC CONTROLS ON ARC EVOLUTION (Yr. 1 of 3)	National Science Foundation (NSF)	\$47,077	\$18,831	\$65,908	
Sci & Math	Earth & Environmental Sciences	Putirka, K.	MR: Replacement Of A Wavelength Dispersive X-Ray Fluorescence Spectrometer For Teaching And Research At Fresno State	National Science Foundation (NSF)	\$352,088	\$0	\$352,088	
<b>Total Department Submitted Proposals: 5</b>					<b>Totals:</b>	<b>\$741,960</b>	<b>\$140,350</b>	<b>\$882,310</b>
Sci & Math	LSAMP/Chemistry	DeLaCerde, L./Goto, J.	LSAMP Participant Support (2018-2019) (Chancellor's Office)	Chancellor's Office (CSU)	\$53,552	\$0	\$53,552	
Sci & Math	LSAMP/Chemistry	DeLaCerde, L./Goto, J.	LSAMP Participant Support (2019-2019) (NSF)	National Science Foundation (NSF)	\$20,000	\$0	\$20,000	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$73,552</b>	<b>\$0</b>	<b>\$73,552</b>
Sci & Math	Mathematics	Amarasinghe, R./Phillips, E.	GOTMath (Growing Outstanding Teachers of Mathematics) (Yr. 1 of 5)	National Science Foundation (NSF)	\$198,207	\$23,733	\$221,940	
Sci & Math	Mathematics	Amarasinghe, R./Tuska, A.	California Mathematics Project	Lindsay Unified School Dist	\$47,967	\$3,838	\$51,805	
Sci & Math	Mathematics	Banuelos M.	Harnessing the Data Revolution (HDR): Data Science Corps (DSC) Building Capacity for HDR (Year 1 of 3)	University of California - Berkeley	\$57,984	\$4,798	\$62,782	
Sci & Math	Mathematics	Banuelos, M.	BIGDATA: IA: Collaborative Research: Parsimonious Anomaly Detection in Sequencing Data	National Science Foundation (NSF) - (UC Merced Passthrough)	\$15,306	\$6,122	\$21,428	
Sci & Math	Mathematics	Caprau, C.	Knot Theory and Its Connections to Combinatorics and Algebra (Yr. 4 of 5)	Simons Foundation	\$6,000	\$1,000	\$7,000	
Sci & Math	Mathematics	Caprau, C.	Knot Theory and Its Connections to Combinatorics and Algebra (Yr. 4 of 5)	Simons Foundation	\$6,000	\$1,000	\$7,000	
Sci & Math	Mathematics	Nogin M./ Subuwala A./ Tague J./ Tuska A.	Expanding the Fresno Math Circle and other Enrichment Activities	Mathematical Association of America	\$5,000	\$0	\$5,000	
Sci & Math	Mathematics	Rodgers, M.	Student Research Group in Algebraic Combinators	CSU (STEM NET)	\$20,000	\$0	\$20,000	
Sci & Math	Mathematics	Tran, K.	Zeros of Sheffer Sequence of Polynomials	American Mathematical Society	\$71,750	\$0	\$71,750	
Sci & Math	Mathematics	Tuska A.	CSU/UC Mathematics Diagnostic Testing Project (MDTP)	Regents of the University of California (SDSU passthrough)	\$31,753	\$0	\$31,753	
Sci & Math	Mathematics	Tuska A./ Meye C./Amarasinghe R/ Nogin M./Tague J.	Discovery Research PreK-12 (Year 1 of 3)	National Science Foundation (NSF)	\$109,266	\$39,546	\$148,812	
Sci & Math	Mathematics	Vega, O.	M-2S-2: Mentoring Math Scholars for Success (Yr. 2 of 5)	National Science Foundation (NSF)	\$888,260	\$111,647	\$999,907	
Sci & Math	Mathematics	Vega, O.	National REU Program - Mathematical Association America Fresno	Mathematical Association America (MAA) - National Science Foundation (NSF)	\$27,500	\$2,000	\$29,500	
<b>Total Department Submitted Proposals: 13</b>					<b>Totals:</b>	<b>\$1,484,993</b>	<b>\$193,684</b>	<b>\$1,678,677</b>
Sci & Math	Physics	Gao, Y.	ATLAS Project Supplement to NSF 1505840	National Science Foundation (NSF)	\$35,714	\$14,286	\$50,000	
Sci & Math	Physics	Gao, Y.	Searching and Discovering New Physics with Run-2 on ATLAS Experiment of LHC	National Science Foundation (NSF)	\$35,714	\$14,286	\$50,000	
Sci & Math	Physics	Gao, Y.	IRIS Track I: US-CERN Summer Program on Atlas Experiment of LHC at CERN (Year 1 of 3)	National Science Foundation (NSF)	\$85,591	\$20,094	\$105,685	
Sci & Math	Physics	Gao, Y.	RUI: Classical and Quantum Gravity theories with Modified Dispersion Relations (Year 1 of 3)	National Science Foundation (NSF)	\$74,488	\$29,795	\$104,283	
Sci & Math	Physics	Gao, Y.	Leveraging Existing Cloud Service Infrastructure to Serve US ATLAS	Brookhaven National Laboratory	\$4,800	\$1,920	\$6,720	
Sci & Math	Physics	Gao, Y.	Proposal to Collaborate between California State Universities and SLAC National Lab on the Phase II Upgrade to the ATLAS Pixel Detector in the Summer of 2019	Brookhaven National Laboratory (DOE)	\$33,007	\$0	\$33,007	

Sci & Math	Physics	Gao, Y./Li, M.	Work Towards a NSF Funded Computing Facility on AWS Cloud for US ATLAS (A Toroidal LHC Apparatus) Community on ATLAS Experiment at the Large Hadron Collider (LHC) of the European Organization for Nuclear Research (CERN) in Geneva, Switzerland	CSU (STEM NET)	\$49,993	\$0	\$49,993	
Sci & Math	Physics	Gherase, M.	Assessment of Human Long-Term Lead Exposure Using a Confocal L-Shell X-Ray Fluorescence Method for Bone Lead Measurements (Yr. 2 of 3)	National Institute of Health (NIH)	\$100,000	\$40,000	\$140,000	
Sci & Math	Physics	Ho, Pei-Chun	RU: Investigation of Strongly Correlated Electron Behavior in Rare-Earth Related Materials (Yr. 1 of 3)	National Science Foundation (NSF)	\$109,269	\$34,309	\$143,578	
<b>Total Department Submitted Proposals: 9</b>					<b>Totals:</b>	<b>\$528,576</b>	<b>\$154,690</b>	<b>\$683,266</b>
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Social Skills Training for Children and Young Adults	Central Valley Regional Center (CVRC)	\$91,068	\$13,660	\$104,728	
Sci & Math	Psychology	Jackson, M./ Moschella, JP	Behavior Intervention Services	ACCESS	\$21,740	\$3,260	\$25,000	
Sci & Math	Psychology	Jackson, M./ Moschella, JP	Behavior Intervention Services (Amendment)	Central Unified School District	\$25,939	\$3,891	\$29,830	
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Behavior Intervention Services	Bethseda Lutheran Communities, Inc.	\$31,304	\$4,696	\$36,000	
Sci & Math	Psychology	Jackson, M./Moschella, J.	Parenting Skills Contract No. 18-028-001 (Yr. 1 of 3)	Central Valley Regional Center (CVRC)	\$86,956	\$13,044	\$100,000	
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services	Telecare Corporation	\$34,782	\$5,218	\$40,000	
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services 2019-2020	D&D Residential, Inc.	\$19,130	\$2,870	\$22,000	
Sci & Math	Psychology	Rafacz S.	Building Public Awareness of Behavioral Science with Non-profit Organizations	Society for the Advancement of Behavior Analysis (SABA)	\$2,500	\$0	\$2,500	
Sci & Math	Psychology	Rafacz, S./Toro, R./Hammons, A.	Evaluating the Efficiency, Maintenance, and Generalization of Taste Exposure in Young Children (Yr. 1 of 3)	Department of Health and Human Services (DHHS) - National Institute of Health (NIH)	\$300,000	\$100,908	\$400,908	
Sci & Math	Psychology	Toro	A Longitudinal Analysis of Acculturation Differences between Immigrant Latino Parents and Youth: Implications on Family Functioning and Youth Development (Yr. 3 of 3)	Department of Health and Human Services (DHHS)	\$100,000	\$40,000	\$140,000	
Sci & Math	Psychology	Woo, E.	Identification of the Earliest Markers of the Alzheimer's Disease Cascade	CSU (STEM NET)	\$19,795	\$0	\$19,795	
<b>Total Department Submitted Proposals: 11</b>					<b>Totals:</b>	<b>\$733,214</b>	<b>\$187,547</b>	<b>\$920,761</b>
					<b>Totals:</b>	<b>\$14,096,062</b>	<b>\$2,498,725</b>	<b>\$16,594,787</b>

# College of Social Sciences

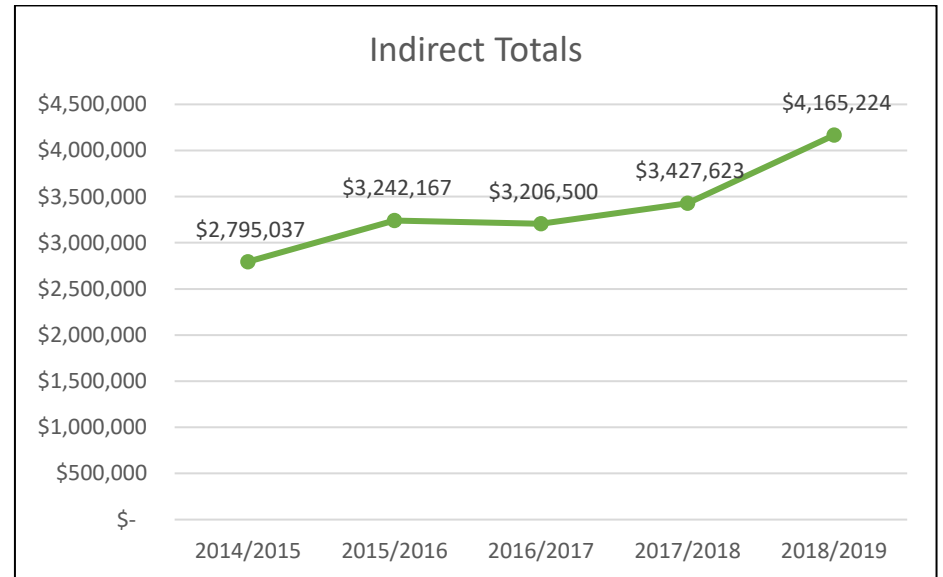
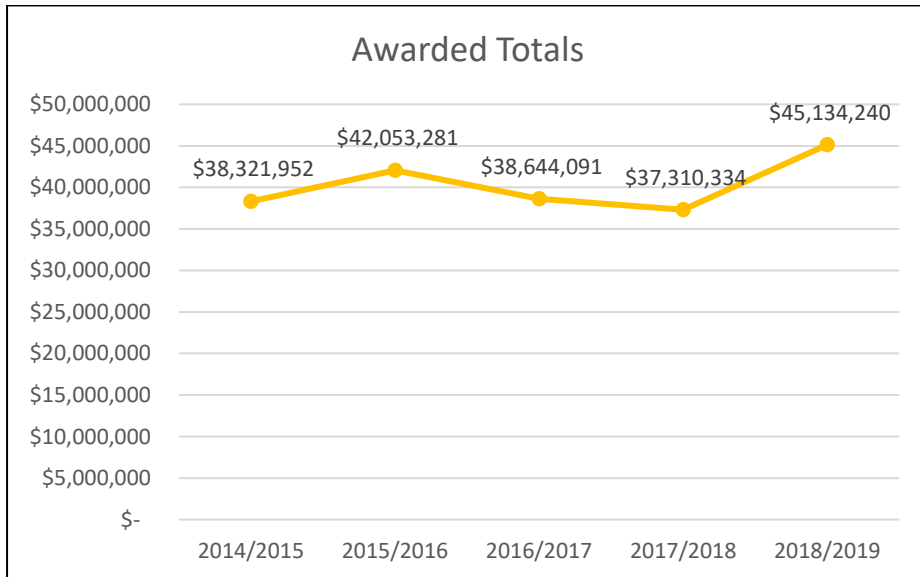
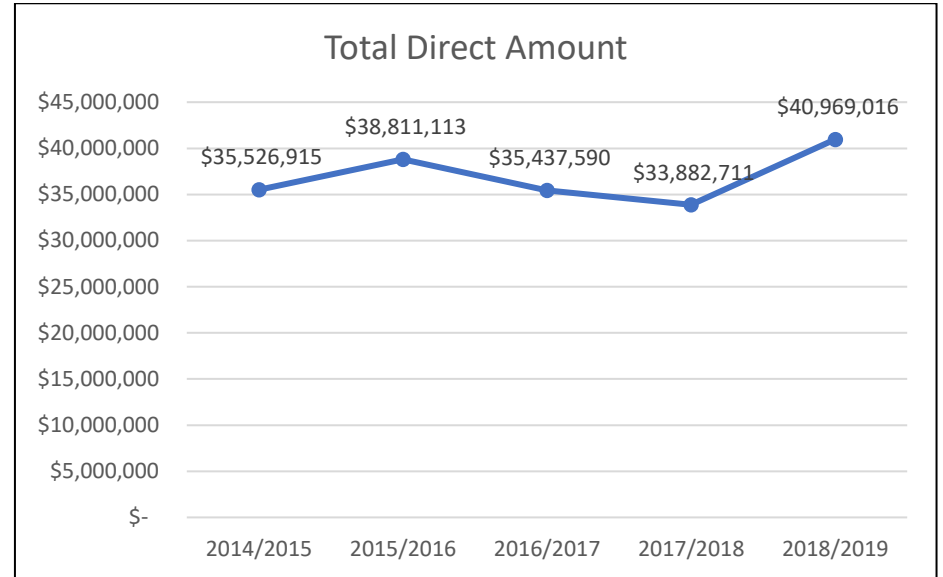
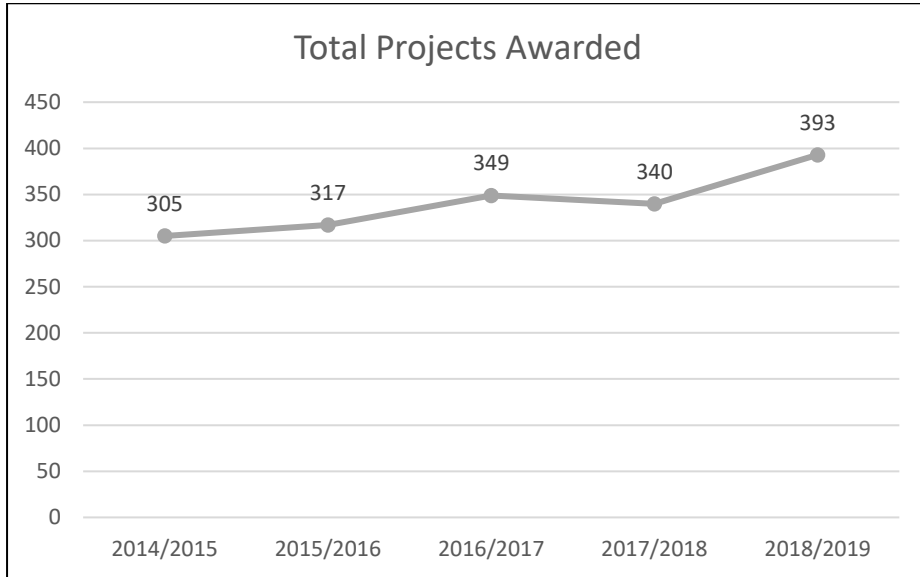
## College of Social Sciences Submitted Proposals: 16

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Soc Sci	Anthropology	Jaurez, C.	Inferring the travel history of unidentified individuals from stable isotopes in human hair (Yr. 1 of 3)	North Carolina State University (Prime:NIJ)	\$77,713	\$31,085	\$108,798	
Soc Sci	Anthropology	Saxton, D.	Food Commons Research	Food Commons	\$10,000	\$0	\$10,000	
Soc Sci	Anthropology	Saxton, D. / Sullivan C.	Transitioning Youth into Adult HIV Care	Health Services Research Administration (HRSA)	\$53,309	\$5,331	\$58,640	
<b>Total Department Submitted Proposals: 3</b>					<b>Totals:</b>	<b>\$141,022</b>	<b>\$36,416</b>	<b>\$177,438</b>
Soc Sci	Criminology	Fox, A.	Smart Policing Initiative (Yr. 3 of 3)	U.S. Department of Justice (via Kansas City PD/UMKC)	\$15,785	\$6,317	\$22,102	
Soc Sci	Criminology	Hughes, E.	CSU Project Rebound Outreach Program (Year 1 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$266,160	\$46,970	\$313,130	
Soc Sci	Criminology	Klement, K. / Kieckhaefer, J. / Marshall, J.	Evaluation of Contraband Interdiction Pilot Program - SATF and State Prison Corcoran Research Proposal (Yr. 1 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$115,357	\$34,607	\$149,964	
Soc Sci	Criminology	Summers M.	Transformation through Innovative Education (Year 1 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$24,443	\$3,666	\$28,109	
Soc Sci	Criminology	Takahashi, Y./ English, P./ Kieckhaefer, J./ Arndorfer, A./ Pitts, J.	Fresno County Justice-Involved Transition Age Youth Initiative (Yr. 1 of 4)	Board of State & Community Corrections (State of California)	\$79,272	\$7,927	\$87,199	
<b>Total Department Submitted Proposals: 5</b>					<b>Totals:</b>	<b>\$501,017</b>	<b>\$99,487</b>	<b>\$600,504</b>
Soc Sci	Dean	Muscat, B./ Nef/ Lee	Improving Data and Communication to Increase Student Retention	Educational Credit Management Corporation (via Channel Islands)	\$18,000	\$0	\$18,000	
Academic Affairs / Soc Sci	Provost's Office / Dean	Zelezny, L./ DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$171,418	\$0	\$171,418	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$189,418</b>	<b>\$0</b>	<b>\$189,418</b>
Soc Sci	Geography	Dangi, M.	Collaborative Research: IRES Track I: Studying Natural Vegetated Biocovers and Biological Waste Treatment Methods as Components of Sustainable Solid Waste Management in Nepal (Yr. 1 of 3)	National Science Foundation (NSF)	\$63,271	\$6,107	\$69,378	
Soc Sci	Geography	Dangi, M.	Using Technology to Improve the Health of Dump Dwellers in Developing Countries (Year 1 of 2)	Gates Foundation	\$100,000	\$0	\$100,000	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$163,271</b>	<b>\$6,107</b>	<b>\$169,378</b>
Soc Sci	History	Jones, B.	Council for History and American Institutions	Spencer Foundation (via CSU East Bay)	\$6,800	\$0	\$6,800	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$6,800</b>	<b>\$0</b>	<b>\$6,800</b>
Soc Sci	Political Science	Abosch Y.	Seminar in Classical Liberalism 2018-19	Charles G. Koch Foundation	\$7,500	\$0	\$7,500	
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$7,500</b>	<b>\$0</b>	<b>\$7,500</b>
Soc Sci	Sociology	Crowell, A.	CAREER: Residential Segregation, Neighborhood Inequalities, and the K-8 Opportunity Gap (Yr. 1 of 5)	National Science Foundation (NSF)	\$104,185	\$37,674	\$141,859	
Soc Sci	Sociology	Crowell, A.	Innovation for Rural Entrepreneurs and Communities	United States Department of Agriculture (USDA) - AFRI	\$40,000	\$16,000	\$56,000	
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$144,185</b>	<b>\$53,674</b>	<b>\$197,859</b>
					<b>Totals:</b>	<b>\$1,153,213</b>	<b>\$195,684</b>	<b>\$1,348,897</b>

# Student Affairs

Student Affairs Submitted Proposals: 22										
School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted			
Student Affairs	CAMP	Gamez, O.	Fresno State CAMP 2018-2019 (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$396,058	\$28,942	\$425,000			
Student Affairs	CAMP	Gamez, O.	Kern County Events 2018-2019	Kern County Office of Education, Migrant Services	\$57,279	\$3,496	\$60,775			
Student Affairs	CAMP	Gamez, O.	Migrant College Days 2019	Fresno County Superintendent of Schools	\$9,167	\$733	\$9,900			
Student Affairs	CAMP	Gamez, O.	Visual & Performing Arts (VAPA) Program - Merced County Summer 2019	Merced County Superintendent of Schools	\$86,650	\$3,350	\$90,000			
Student Affairs	CAMP	Gamez, O.	English Language Development Institute (ELDI)	Merced County Superintendent of Schools	\$57,766	\$2,234	\$60,000			
Student Affairs	CAMP	Gamez, O.	English Language Development Institute (ELDI) - Monterey County	Monterey County Office of Education	\$213,022	\$8,228	\$221,250			
Student Affairs	CAMP	Gamez, O.	College Assistance Migrant Program Grant (CAMP) 2019-2024 - (Year 1 of 5)	U.S. Department of Education (USDE)	\$396,396	\$28,604	\$425,000			
<b>Total Department Submitted Proposals: 7</b>					<b>Totals:</b>	<b>\$1,216,338</b>	<b>\$75,587</b>	<b>\$1,291,925</b>		
Student Affairs	EOC	Amaro, J.	Central California Educational Opportunity Center 2017-2018 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$321,576	\$25,326	\$346,902			
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$321,576</b>	<b>\$25,326</b>	<b>\$346,902</b>		
Student Affairs	Financial Aid and Scholarships	Tardell, D.	Federal Work Study FY18-19	U.S. Department of Education (USDE)	\$774,527	\$0	\$774,527			
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$774,527</b>	<b>\$0</b>	<b>\$774,527</b>		
Student Affairs	Health Center	Yarmo, K.	Prevention through Education (Yr. 2 of 2)	Central Valley Community Foundation	\$90,652	\$6,870	\$97,522			
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$90,652</b>	<b>\$6,870</b>	<b>\$97,522</b>		
Student Affairs	Outreach	Medina, M.	CALSOAP 2018-2019	California Student Aid Commission	\$387,706	\$20,411	\$408,117			
Student Affairs	Outreach	Perez, J.	CAL-SOAP 2019-2020	California Student Aid Commission	\$387,706	\$20,411	\$408,117			
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$775,412</b>	<b>\$40,822</b>	<b>\$816,234</b>		
Student Affairs	Student Affairs	Granados M.	Upward Bound Madera 2018-2019 (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$417,845	\$26,989	\$444,834			
Student Affairs	Student Affairs	Granados M.	Upward Bound NextGen 2018-2019 CSU, Fresno (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$272,173	\$16,739	\$288,912			
Student Affairs	Student Affairs	Reynoso	Upward Bound Classic - STEM additional funds	U.S. Department of Education (USDE)	\$37,660	\$2,340	\$40,000			
<b>Total Department Submitted Proposals: 3</b>					<b>Totals:</b>	<b>\$727,678</b>	<b>\$46,068</b>	<b>\$773,746</b>		
Student Affairs	Student Support Services	Escamilla, E.	Regular Student Support Services (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$289,851	\$18,788	\$308,639			
Student Affairs	Student Support Services	Escamilla, E.	Veterans Student Support Services (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$217,191	\$15,075	\$232,266			
Student Affairs	Student Support Services	Vuong, M.	Summer Food Programs 2018	California Department of Education Nutrition Services Department	\$60,258	\$6,252	\$66,510			
Student Affairs	Student Support Services	Vuong, M.	Summer Food Programs 2019	California Department of Education Nutrition Services Dept.	\$51,306	\$5,313	\$56,619			
<b>Total Department Submitted Proposals: 4</b>					<b>Totals:</b>	<b>\$618,606</b>	<b>\$45,428</b>	<b>\$664,034</b>		
Student Affairs	Talent Search	Robledo J.	Educational Talent Search Porterville 2018-2019 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$238,602	\$17,853	\$256,455			
Student Affairs	Talent Search	Robledo J.	Fresno State Educational Talent Search 2018-2019 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$324,087	\$24,691	\$348,778			
<b>Total Department Submitted Proposals: 2</b>					<b>Totals:</b>	<b>\$562,689</b>	<b>\$42,544</b>	<b>\$605,233</b>		
Student Affairs	Wellness Center	Nelson, Alicia	Confidential Advocacy Services	Governor's Office of Emergency Services, Cal OES	\$156,553	\$43,267	\$199,820			
<b>Total Department Submitted Proposals: 1</b>					<b>Totals:</b>	<b>\$156,553</b>	<b>\$43,267</b>	<b>\$199,820</b>		
					<b>Totals:</b>	<b>\$5,244,031</b>	<b>\$325,912</b>	<b>\$5,569,943</b>		
						\$64,102,614	\$9,197,945	\$73,300,560		

# AWARDS



# Academic Affairs

Academic Affairs Awards: 38								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Academic Affairs	Graduate Studies	Marshall J. /Lopez, M.	The Blue Ribbon Online Graduate Campus/Graduate Net Initiative (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$612,013	\$0	\$612,013	
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$612,013</b>	<b>\$0</b>	<b>\$612,013</b>
Academic Affairs	Provost's Office	Harper R./Alamillo L./ Lopez D. P.	Ensenamos en el Valle Central (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$749,957	\$0	\$749,957	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Disadvantaged Business Enterprise Supportive Services (DBE/SS) Central Region (Yr. 1 of 2)	State of California, Department of Transportation	\$339,638	\$82,410	\$422,048	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	CETF SJV Spectrum of Opportunity	California Emerging Technology Fund	\$100,800	\$0	\$100,800	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Go-Biz	Governor's Office, State of California	\$45,000	\$0	\$45,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Innovative Service Mobility Demonstrations with Zero-Emission Vehicles	CALSTART, Inc. (CEC Passthrough)	\$50,422	\$9,578	\$60,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	James Irvine OCED	James Irvine Foundation	\$168,067	\$31,933	\$200,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Cutler-Orosi	Cutler-Orosi Unified School District	\$15,650	\$2,350	\$18,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - 2018-2019 Riverdale	Riverdale Unified School District	\$15,650	\$2,350	\$18,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Golden Plains	Golden Plains Unified School District	\$7,826	\$1,174	\$9,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	AgPLUS Public Private Broadband Partnerships to Support Rural Jobs	United States Department of Agriculture (USDA)	\$50,000	\$0	\$50,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Ecosystem of Shared Mobility Services in the San Joaquin Valley	Integral Community Solutions Institute (ICSI)	\$13,196	\$2,504	\$15,700	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Farmersville ADA Compliance	City of Farmersville (Caltrans passthrough)	\$9,244	\$1,756	\$11,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Kerman	Kerman Unified School District	\$7,826	\$1,174	\$9,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - Huron Middle School	Coalinga Unified School District	\$15,650	\$2,350	\$18,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	California Partnership for the San Joaquin Valley	State of California - Office of the Governor	\$500,000	\$0	\$500,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Caruthers	Caruthers Unified School District	\$15,650	\$2,348	\$17,998	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Small Business University: McFarland Farmers Market	McFarland Unified School District	\$16,808	\$3,192	\$20,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University 2018-2019 Cutler-Orosi (Woodlake)	Cutler-Orosi Unified School District	\$7,826	\$1,174	\$9,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Fresno (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$35,758	\$0	\$35,758	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Kern (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$35,758	\$0	\$35,758	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Kings (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$35,758	\$0	\$35,758	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Madera (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$35,758	\$0	\$35,758	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Merced (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$35,758	\$0	\$35,758	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of San Joaquin (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$35,758	\$0	\$35,758	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Stanislaus (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$35,758	\$0	\$35,758	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Tulare (Yr. 1 of 2)	California Advanced Services Fund (CASF)	\$35,758	\$0	\$35,758	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - Coalinga Middle School - 2018-2019	Coalinga-Huron Unified School District	\$15,650	\$2,350	\$18,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - Fowler - 2018-2019	Fowler Unified School District	\$7,826	\$1,174	\$9,000	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	EDA University 2018-2019	EDA (Passthrough CSU, Chico)	\$66,793	\$12,691	\$79,484	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Ecosystem of Shared Mobility Services in the San Joaquin Valley	Sigala Incorporated	\$16,807	\$3,193	\$20,000	
Academic Affairs	Provost's Office	Zelezny, L.	STESSA: Improving STEM Teacher Education in High Schools in Egypt (Yr. 1 of 5)	USAID (Passthrough funding the 21st Century Partnership)	\$270,498	\$51,395	\$321,893	
Academic Affairs / Soc Sci	Provost's Office / Dean	Zelezny, L./ DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$171,418	\$0	\$171,418	
<b>Total Department Awards: 32</b>					<b>Totals</b>	<b>\$2,964,266</b>	<b>\$215,096</b>	<b>\$3,179,362</b>
Academic Affairs	Research and Graduate Studies	Marshall, J./Meyer, C.	Collaborative Research: AGEP Transformation Alliance: A California HSI Alliance for Pedagogy as Preparation for the Professoriate (Yr. 1 of 5)	<b>National Science Foundation (NSF)</b>	\$65,510	\$26,204	\$91,714	
Academic Affairs	Research and Graduate Studies	Marshall, J./Byers, M.	Fresno State McNair Program 2018-2019 (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$272,240	\$18,324	\$290,564	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$337,750</b>	<b>\$44,528</b>	<b>\$382,278</b>
Academic Affairs	Richter Center	Fiorentino M./ Neil D.	Jumpstart (FY18-19) Federal Funding	Jumpstart for Young Children , Inc. (NCN passthrough)	\$166,939	\$5,275	\$172,214	
Academic Affairs	Richter Center	Fiorentino M./ Neil D.	Jumpstart FY18-19 Private Funding	Jumpstart for Young Children , Inc.	\$11,295	\$2,228	\$13,523	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$178,234</b>	<b>\$7,503</b>	<b>\$185,737</b>
Academic Affairs	Undergraduate Studies	Fu, Xuaning	Alignment of Data Systems and Resources with FUSD (Yr. 2 of 2)	Fresno Unified School District (College Futures Foundation Passthrough)	\$87,375	\$8,738	\$96,113	
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$87,375</b>	<b>\$8,738</b>	<b>\$96,113</b>
<b>Totals:</b>					<b>\$4,179,638</b>	<b>\$275,865</b>	<b>\$4,455,503</b>	



# Administration

Administration Awards: 7								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Admin	Library	Crow J.	Community Mural Project	Cultural Arts Rotary of Fresno	\$2,000	\$0	\$2,000	
Admin	Library	Gjoshe, R.	California Map Digitization Project	National Archives	\$84,705	\$0	\$84,705	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$86,705</b>	<b>\$0</b>	<b>\$86,705</b>
Admin	President's Office/CVHEC	Duran, B.	Central Valley Promise Initiative	State Center Community College District (State of CA Passthrough)	\$236,000	\$18,880	\$254,880	
Admin	President's Office/CVHEC	Duran, B.	Central Valley Guided Pathways	Chabot-Las Positas Community College District	\$317,550	\$25,404	\$342,954	
Admin	President's Office/CVHEC	Duran, B.	Central/Mother Lode Regional Consortium 2018-2019	State Center Community College District	\$18,000	\$0	\$18,000	
Admin	President's Office/CVHEC	Duran, B.	Phase II - Math Pathways Project	College Futures Foundation	\$218,480	\$17,520	\$236,000	
Admin	President's Office/CVHEC	Duran, B.	Guided Pathways - CVHEC (Yr. 2 of 2)	College Futures Foundation	\$285,000	\$15,000	\$300,000	
<b>Total Department Awards: 5</b>					<b>Totals</b>	<b>\$1,075,030</b>	<b>\$76,804</b>	<b>\$1,151,834</b>
					<b>Totals:</b>	<b>\$1,161,735</b>	<b>\$76,804</b>	<b>\$1,238,539</b>

# Jordan College of Agriculture and Science Technology

Jordan College of Agriculture and Science Technology : 97										
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded			
Ag	Ag Business	Asci, S.	Economic Impact Analysis for Pesticide Regulations by Ca-DPR (Yr. 2 of 2)	Department of Pesticide Regulation	\$52,617	\$13,154	\$65,771			
Ag	Ag Business	Asci, S./ Pheasant S.	Phase 3: Pesticide Mill Assessment Forecasting Tool	Department of Pesticide Regulation	\$86,938	\$21,734	\$108,672			
Ag	Ag Business	Konduru, S.	Agribusiness Field Trip	United States Department of Agriculture (USDA) - FAS	\$39,023	\$3,953	\$42,976			
Ag	Ag Business	Levi, A./Liang, J.	Putting Phenotypic and Genotypic Tools to Work for Improving Walnut Rootstocks (Yr. 1 of 4)	UC Riverside (Prime: United States Department of Agriculture (USDA) - NIFA)	\$20,600	\$5,768	\$26,368			
Ag	Ag Business	Liang, J.	ARI: SEED GRANT: Economic Risks of California Agricultural Firms	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000			
Ag	Ag Business/Plant Science	Lone, T./Bushoven, J.	ARI: Identification of Guayule (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$84,839	\$0	\$84,839			
<b>Total Department Awards: 6</b>					<b>Totals</b>	<b>\$294,017</b>	<b>\$44,609</b>	<b>\$338,626</b>		
Ag	Agricultural Sciences and Education	Tarrant, K./Shinn, S.	Evaluating Environmental Enrichment Structure Design and Implementation for Conventionally-Raised Broiler Chickens (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)	\$119,996	\$0	\$119,996			
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$119,996</b>	<b>\$0</b>	<b>\$119,996</b>		
Ag	Animal Sciences and Agricultural Education	Culbertson, A.	AgDiscovery 2018: Investing in the Future of American Agriculture	United States Department of Agriculture (USDA)	\$47,273	\$4,727	\$52,000			
Ag	Animal Sciences and Agricultural Education	Culbertson, A.	AgDiscovery 2019: Investing in the Future of American Agriculture	United States Department of Agriculture (USDA)	\$47,045	\$4,705	\$51,750			
Ag	Animal Sciences and Agricultural Education	Culbertson, A.	Assessing Leadership Curriculum in California Agricultural Education/FFA Programs	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000			
Ag	Animal Sciences and Agricultural Education	McKeith, A./Henson, J.	ARI: Investigation of the Best Practices to Inoculate Whole Muscle and Ground Beef (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$15,000	\$0	\$15,000			
Ag	Animal Sciences and Agricultural Education	Tarrant, K.	Evaluation of the Genetic Association of Mitochondrial DNA Presence in Broilers with a Muscle Myopathy	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000			
Ag	Animal Sciences and Agricultural Education	Tarrant, K.	Evaluation of LTI water conversion technology in broiler chickens as measured by production traits.	Liquid Technologies Co	\$29,740	\$4,461	\$34,201			
Ag	Animal Sciences and Agricultural Education	Vaughn, R.	Charles Parker's Office Support (Yr. 2 of 2)	California Department of Education	\$12,963	\$1,037	\$14,000			
<b>Total Department Awards: 7</b>					<b>Totals</b>	<b>\$172,021</b>	<b>\$14,930</b>	<b>\$186,951</b>		
Ag	Child, Family and Consumer Sciences	Dilbeck, N.	FCS (Previously HECT) AY 2018-2019	CA Department of Education	\$200,000	\$50,000	\$250,000			
Ag	Child, Family and Consumer Sciences	Hammons, A.	Improving the Health of Hispanic Children and their Families with a Community (Yr. 3 of 4)	University of Illinois (United States Department of Agriculture (USDA))	\$30,019	\$12,008	\$42,027			
Ag	Child, Family and Consumer Sciences	McKenzie, J.	Globalization and Youth Development: Past, Present, and Future Selves in Northern Thailand	Society for Research in Child Development	\$7,500	\$0	\$7,500			
Ag	Child, Family and Consumer Sciences	Roach, A.	Family Violence: Implications for Family and Romantic Relationships	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000			
<b>Total Department Awards: 4</b>					<b>Totals</b>	<b>\$247,519</b>	<b>\$62,008</b>	<b>\$309,527</b>		
Ag	CIT	Ashkan, S./Sethuramasamyraja, B.	Pistachio Plant-Based Irrigation Scheduling (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI)	\$38,073	\$0	\$38,073			
Ag	CIT	Ashkan, S./Sethuramasamyraja, B./ Brar G.	Crop Water Stress Index for Precision Irrigation Scheduling of Pistachio Trees (Yr. 1 of 3)	CA Department of Food and Agriculture (from United States Department of Agriculture (USDA))	\$111,487	\$5,282	\$116,769			
Ag	CIT	Ashkan/Sethuramasamyraja	ARI: Development of Precision Variable Rate Irrigation Systems to Optimize Application of Water and Nutrients (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$35,988	\$0	\$35,988			
Ag	CIT	Ashkan/Yadav	ARI: Managing Deep Percolation in Drip Irrigation Systems (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$32,491	\$0	\$32,491			
Ag	CIT	Canessa, P./ Green, W.	Advanced Pumping Efficiency Program VII (Yr. 2 of 2)	Pacific Gas & Electric (PG&E)	\$111,308	\$16,697	\$128,005			
Ag	CIT	Green, S.	RSA Acquisition for Goods and Services RSA# 58-2034-9-018	United States Department of Agriculture (USDA) -RSA	\$27,259	\$2,726	\$29,985			
Ag	CIT	Green, S./Ashkan, S.	Developing a Formal Plan for Research as the Result of the Groundwater Management (Yr. 1 of 2)	United States Department of Agriculture (USDA)	\$13,171	\$5,269	\$18,440			
Ag	CIT	Green, S./Esqueda T./ Crask L./ Qualle C.	Disadvantaged Community Center Subaward GT17164 Amendment No. 2	University Enterprises Corporation at CSUSB (California State University, San Bernardino)	\$147,058	\$27,941	\$174,999			
Ag	CIT	Green, W.	Designing Pump Demo Display	College of the Sequoias	\$71,503	\$10,725	\$82,228			
Ag	CIT	Jacobsen, T.	Water Use and Drought Resistance Test (Yr. 1 of 3)	The Regents of the University of California (UC ANR)	\$4,907	\$0	\$4,907			
Ag	CIT	Petersen, H.	BlueTech Valley Ecosystem	Wells Fargo	\$25,000	\$0	\$25,000			
Ag	CIT	Petersen, H.	Blue Tech Valley Ecosystem (Yr. 2 of 2)	Wells Fargo	\$25,000	\$0	\$25,000			
Ag	CIT	Petersen, H./Francis, B.	Central Valley Regional Innovation Investment Fund (Yr. 1 of 3)	US Economic Development Administration	\$81,858	\$16,372	\$98,230			
Ag	CIT	Suryadi, E.	Acquisition of Goods and Services	US Dept of Agriculture - ARS	\$15,387	\$1,539	\$16,926			
Ag	CIT	Suryadi, E.	Acquisition of Goods and Services	US Department of Agriculture - ARS	\$28,195	\$2,820	\$31,015			
Ag	CIT	Suryadi, E.	Acquisition of Goods and Services RSA 58-2032-8-067	United States Department of Agriculture (USDA) - ARS	\$58,182	\$5,818	\$64,000			
Ag	CIT	Vang K.	Long Term Saline Irrigation Strategies for Pistachios on PGI Rootstock	Pistachio Research Board	\$60,000	\$0	\$60,000			
Ag	CIT	Vang K./Green W.	Development of Low Pressure and Low Flow Media Filtration System (Year 1 of 3)	Colorado State University - Irrigation Innovation Consortium	\$40,000	\$4,000	\$44,000			
Ag	CIT	Vang, K./Moreno, J.	Developing a Mobile Decision Support Nitrate Sampling and Monitoring System (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)	\$40,607	\$0	\$40,607			
Ag	CIT	Vang/Green	ARI: Utilizing Real Time Plant Stress Indicator to Improve Water Use Efficiency in Almonds (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$66,840	\$0	\$66,840			
Ag	CIT	Yeasmin, D.	ARI: Almond Water Stress and Yield Analysis (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$51,577	\$0	\$51,577			
Ag	CIT	Zoldoske	USDA Experiential Learning (Yr. 4 of 4)	CSU San Bernardino (United States Department of Agriculture (USDA) passthrough)	\$22,002	\$6,601	\$28,603			
Ag	CIT	Zoldoske D.	Central Valley Regional Innovation Cluster (aka BlueTech Valley Energy Cluster) (Yr. 4 of 5)	CA Energy Commission	\$999,726	\$123,980	\$1,123,706			
Ag	CIT	Zoldoske D/ Vang K.	Irrigation Innovation Consortium (Yr. 1 of 5)	Colorado State University (Passthrough Foundation for Food and Agriculture Research)	\$121,500	\$13,500	\$135,000			
Ag	CIT	Zoldoske, D./Peterson, H.	Central Valley Regional Energy Innovation Accelerator (Yr. 3 of 3)	Department of Commerce	\$151,824	\$19,365	\$171,189			
<b>Total Department Awards: 25</b>					<b>Totals</b>	<b>\$2,380,943</b>	<b>\$262,635</b>	<b>\$2,643,578</b>		
Ag	CWI	Esqueda T./ Qualle C./Liu L.	Irrigation Flow Measurement Device Project	Fresno Irrigation District	\$41,667	\$8,333	\$50,000			

Ag	CWI	Esqueda T.	SJV Water Infrastructure Investment Strategy and Point-of-Entry Treatment System Program	Central Valley Community Foundation	\$109,091	\$10,909	\$120,000	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$150,758</b>	<b>\$19,242</b>	<b>\$170,000</b>
Ag	Food Science and Nutrition	Dormedy, E	Developing a Generation of Agricultural Change Agents (Yr. 2 of 3)	Texas Tech (United States Department of Agriculture (USDA))	\$15,969	\$6,388	\$22,357	
Ag	Food Science and Nutrition	Dormedy, E	Developing a Generation of Agricultural Change Agents (Yr. 3 of 3)	Texas Tech (United States Department of Agriculture (USDA))	\$15,969	\$6,388	\$22,357	
Ag	Food Science and Nutrition	Pao, S./Ferris, D.	Multicultural Scholarship Program in Food and Agriculture at Two Minority Serving Institutions (Amendment #4)	CSU Stanislaus (United States Department of Agriculture (USDA))	\$3,250	\$0	\$3,250	
Ag	Food Science and Nutrition	Pao/Ferris	Multicultural Scholars Program (Yr. 4 of 5)	CSU Stanislaus (United States Department of Agriculture (USDA))	\$18,000	\$0	\$18,000	
Ag	Food Science and Nutrition	Shinn, Sara	Product Development of Fresh Juices and Fruit-Based Products for the Fresno State Gibson Farm Market and the Student Cupboard 2018-2019	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000	
<b>Total Department Awards: 5</b>					<b>Totals</b>	<b>\$63,188</b>	<b>\$12,776</b>	<b>\$75,964</b>
Ag	IFA	Erysiyan, B./ Shinn S.	Cochran Fellowship Program for Colombia Gastronomy Education and Promoting U.S. Cuisine	United States Department of Agriculture (USDA) - FAS	\$41,012	\$4,101	\$45,113	
Ag	IFA	Erysiyan, B.	Cochran Fellowship Program for Eastern Europe and Eurasia Region	United States Department of Agriculture (USDA) - FAS	\$44,287	\$4,429	\$48,716	
Ag	IFA	Erysiyan, B.	Fresh Fruit Supply Chain Management - China	United States Department of Agriculture (USDA) - FAS	\$43,295	\$4,329	\$47,624	
Ag	IFA	Erysiyan, B.	Enhancing Implementation and Efficiency of National Sanitary and Phytosanitary Capacity for the Republic of Georgia through Training (Yr. 1 of 2)	United States Department of Agriculture (USDA)	\$175,615	\$17,562	\$193,177	
<b>Total Department Awards: 4</b>					<b>Totals</b>	<b>\$304,209</b>	<b>\$30,421</b>	<b>\$334,630</b>
Ag	Industrial Technology/Ag. Business	Brar/Lone	ARI: Determination of Long Term Threshold for Using Saline Water on Pistachios (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$67,883	\$0	\$67,883	
Ag	Industrial Technology	Nambiar, A./Sethuramasamyraja, B./Leal-Quiros	ARI: Non-Thermal Plasma Application in Agriculture (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$93,045	\$0	\$93,045	
Ag	Industrial Technology/CIT	Sethuramasamyraja/Yeasmin	ARI: Mitigation of Nitrate in Vegetable Crop Through Autonomous Feedback System (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$67,278	\$0	\$67,278	
<b>Total Department Awards: 3</b>					<b>Totals</b>	<b>\$228,206</b>	<b>\$0</b>	<b>\$228,206</b>
Ag	Plant Science	Brar, G.	New Almond production systems research at CSU Fresno: High-density planting, rootstock evaluation and pruning responses trials (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$49,303	\$0	\$49,303	
Ag	Plant Science	Brar, G.	Overcoming citrus nursery growth issues by using Smart Lighting with Different Photoperiods (Year 1 of 2)	CSU Agricultural Research Institute (ARI)	\$22,063	\$0	\$22,063	
Ag	Plant Science	Brar, G.	Almond High Density Trial at CSU Fresno: Developing New Orchard Systems with Modified Row, Tree Spacing, Pruning	Almond Board of California	\$22,208	\$3,331	\$25,539	
Ag	Plant Science	Brar, G.	Efficacy Trials of New Dormancy-Breaking Treatments for Pistachios	Pistachio Research Board	\$43,900	\$0	\$43,900	
Ag	Plant Science	Brar, G.	Cracking the Black-box of Dormancy in Pistachios: Tracking Biomedical Changes in Inflorescence Buds from Dormancy to Bud Break	Pistachio Research Board	\$87,788	\$0	\$87,788	
Ag	Plant Science	Brar, G.	Rootstock Trial at CSU Fresno: Performance Evaluation of 7 different Rootstocks with 2 Cultivars	Regents of the University of California	\$11,279	\$0	\$11,279	
Ag	Plant Science	Brar, G.	Interaction of Retain (Plant Growth regulator) with foliar Nitrogen application at different rates in relation to yield and quality in Almonds (Yr. 2 of 2)	Valent Biosciences	\$36,784	\$5,518	\$42,302	
Ag	Plant Science	Brar, G./Benes, S.	Determination of Long Term Threshold Limit Using Saline Water	CSU Agricultural Research Institute (ARI)	\$104,788	\$0	\$104,788	
Ag	Plant Science/CIT	Cassel Sharma	ARI: Forage Yield and Quality Under Irrigation with Produced Waters (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$49,377	\$0	\$49,377	
Ag	Plant Science	Cassel Sharma / Goorahoo	ARI: Physiological Performance and Nutritional Quality of Forages Irrigated with Oilfield (Yr. 3 of 3)	CSUMB - CSU Agricultural Research Institute (ARI)	\$150,000	\$0	\$150,000	
Ag	Plant Science	Cassel Sharma, F.	Calculation of On-Farm Crop Water Use Efficiency (Yr. 2 of 3)	CSU Monterey Bay	\$9,091	\$909	\$10,000	
Ag	Plant Science	Cassel-Sharma, F.	Satellite Irrigation Management Support: Mapping of Crop Water Requirements through Integration of Satellite Observations and CIMIS Data	CSU Monterey Bay (Prime: DWR)	\$27,273	\$2,727	\$30,000	
Ag	Plant Science	Cassel-Sharma, F./Goorahoo, D.	Lysimetric Determination of ED Coefficients for Drip-Irrigated Vegetables (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)	\$150,000	\$0	\$150,000	
Ag	Plant Science	Cassel-Sharma/Goorahoo	ARI: Crop Water Requirements for Onion Production in Semi-Arid Climates (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$49,469	\$0	\$49,469	
Ag	Plant Science	Ellis, M.	ARI: Development of a DNA Extraction Method from Epidemiologically Meaningful Amounts of Soil for Quantification of Nematodes Using Quantitative PCR (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$22,915	\$0	\$22,915	
Ag	Plant Science	Ellis, M.	Identification of Fusarium Wilt Populations in Cotton Fields and Pathogen Infection for Maintaining Sustainable Production in the USA (Yr. 1 of 2)	United States Department of Agriculture (USDA) - ARS	\$18,247	\$1,825	\$20,072	
Ag	Plant Science	Ellis, M.	Characterization and interaction of Fusarium oxysporum f. sp. vasinfectum races and Rhizoctonia solani on disease development in cotton (Year 1 of 2)	Cotton Inc.	\$32,491	\$0	\$32,491	
Ag	Plant Science	Goorahoo/ Shrestha	Development of a Video Curriculum on Vegetable Crops (Yr. 3 of 3)	UC Davis (CA Dept. Food and Ag	\$11,432	\$568	\$12,000	
Ag	Plant Science/CIT	Goorahoo/Cassel Sharma	ARI: BMP's Irrigation and Nitrate with CSUMB (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$65,000	\$0	\$65,000	
Ag	Plant Science/CIT	Goorahoo/Cassel Sharma/DeJaan	ARI: Airjet Irrigation Impact on Oxidative Stress and Vegetables on Soil Nitrogen Cycle Gene Communities (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$61,995	\$0	\$61,995	
Ag	Plant Science	Shrestha, A.	ARI: Building a Graduate Workforce by Strengthening Research	CSU Agricultural Research Institute (ARI)	\$25,345	\$0	\$25,345	
Ag	Plant Science	Shrestha, A.	Performance of Glufosinate on avocado	Regents of the University of California	\$2,000	\$0	\$2,000	
Ag	Plant Science	Wenger, J.	Establishing an Insect Genetic Technology Program for Navel Orangeworm (Amylois Transitlella)	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000	
<b>Total Department Awards: 23</b>					<b>Totals</b>	<b>\$1,062,748</b>	<b>\$14,878</b>	<b>\$1,077,626</b>
Ag	VERC	Gu, Sanliang	ARI: Using Internet of Things and Big Data Analytics to Improve Water Use... (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$30,000	\$0	\$30,000	
Ag	VERC	Gu, Sanliang	Efficacy of Manda 31, a Naturally Fermented Plant Concentrate, to Enhance Grapevine Growth, Increase Crop Yield, and Improve Fruit Quality in SJV	Manda Fermentation Co., Ltd.	\$21,550	\$3,450	\$25,000	
Ag	VERC	Pedroza, M.	Bodily Responses as a New Parameter to Estimate Emotions Evoked by Wine Aroma	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000	
Ag	VERC	Pedroza, M./Licon, C./Cecotti, H./Shapiro, M.	Characterization of Emotions Evoked by Wine Odorants using Autonomic Nervous System Signals (EMOWINE) (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI)	\$30,000	\$0	\$30,000	
Ag	VERC	Sun, Q.	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	CSU Agricultural Research Institute (ARI)	\$10,000	\$0	\$10,000	

Ag	VERC	Sun, Q.	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 of California	The Wine Group	\$13,043	\$1,957	\$15,000	
Ag	VERC	Sun, Q.	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)	CSU Agricultural Research Institute (ARI)	\$25,000	\$0	\$25,000	
Ag	VERC	Van Zyl, S.	Producing wines from Field Condition Grapes with Different Rot Levels and rot estimate dynamics in gondolas for the 2018-19 Season	California Winegrape Inspection Advisory Board	\$39,900	\$0	\$39,900	
Ag	VERC	Van Zyl, S.	Sample Testing 18-19	Agajanian Vineyards & Wine Company	\$1,957	\$293	\$2,250	
Ag	VERC	Van Zyl, S.	Sample Testing 18-19	Cultiva, LLC	\$8,696	\$1,304	\$10,000	
Ag	VERC	Van Zyl, S.	Identification and Durability of Novel Sources of Resistance to Pierce's Disease in Table and Raisin Grapes	United States Department of Agriculture (USDA) - ARS	\$6,356	\$0	\$6,356	
Ag	VERC	Van Zyl, S.	Sample Testing	Fetzer Vineyards	\$2,610	\$390	\$3,000	
Ag	VERC	Van Zyl, S.	ARI: Evaluation of OR-151 as a Plant Growth Regulator and Bio-Stimulant to Enhance Color Development and Uniformity in Red Seedless Table Grapes (Yr. 2 of 2)	ORO AGRI	\$21,739	\$3,261	\$25,000	
Ag	VERC	Van Zyl, S.	Sample Testing (Yr. 2 of 3)	Allied Grape Growers	\$13,044	\$1,957	\$15,001	
Ag	VERC	Van Zyl, S.	Sample Testing (Amendment 01)	Fetzer Vineyards	\$2,610	\$390	\$3,000	
Ag	VERC	Van Zyl, S.	Varietal Calibrations for the 2018-19 Season	California Winegrape Inspection Advisory Board	\$33,500	\$0	\$33,500	
Ag	VERC	Van Zyl, S.	ARI: Identification and Durability of Novel Sources of Pierce's Disease Resist (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$24,112	\$0	\$24,112	
<b>Total Department Awards: 17</b>					<b>Totals</b>	<b>\$294,117</b>	<b>\$13,002</b>	<b>\$307,119</b>
					<b>Totals:</b>	<b>\$5,317,722</b>	<b>\$474,501</b>	<b>\$5,792,223</b>

# College of Arts & Humanities

College of Arts & Humanities: 10									
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded		
Arts & Hum	Art & Design	Pelaez, L.	Arts of the Colonial Andes	College Art Association	\$6,500	\$0	\$6,500		
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$6,500</b>	<b>\$0</b>	<b>\$6,500</b>	
Arts & Hum	Dean	Jimenez-Sandoval S./ Morgan C.	Arts in Corrections Program	University Enterprises Corporation at CSUSB (California State University, San Bernardino)	\$47,500	\$11,875	\$59,375		
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$47,500</b>	<b>\$11,875</b>	<b>\$59,375</b>	
Arts & Hum	Linguistics	Agbayani B.	Off-Campus Internship Program	San Joaquin Memorial High School	\$3,300	\$0	\$3,300		
Arts & Hum	Linguistics	Agbayani B.	Off-Campus Internship Program (Spring 2019)	San Joaquin Memorial High School	\$3,300	\$0	\$3,300		
Arts & Hum	Linguistics	Elvin; J.	Off-Campus Internship Program (Fall 2019)	San Joaquin Memorial High School	\$3,300	\$0	\$3,300		
Arts & Hum	Linguistics	Mann L.	Summer Chinese Immersion Program	National Security Agency	\$55,064	\$5,506	\$60,570		
Arts & Hum	Linguistics	Mugrdchian B./ Zakian M.	Ottoman-American Diaspora	GRAMMY Museum Grants Program	\$4,739	\$261	\$5,000		
<b>Total Department Awards: 5</b>					<b>Totals</b>	<b>\$69,703</b>	<b>\$5,767</b>	<b>\$75,470</b>	
Arts & Hum	Mass Communication and Journalism	Egan, C.	Evidence-Based Literacy Instruction Video Production	John Corcoran Foundation	\$4,945	\$741	\$5,686		
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$4,945</b>	<b>\$741</b>	<b>\$5,686</b>	
Arts & Hum	MCLL	Villarreal, D.	Gaming, Immigration and Aztec Heroes	CA Council for the Humanities (Cal Humanities)	\$4,242	\$424	\$4,666		
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$4,242</b>	<b>\$424</b>	<b>\$4,666</b>	
Arts & Hum	Philosophy	Tahvildary N.	Mediator Mentors	Central California Women's Conference	\$1,000	\$0	\$1,000		
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$1,000</b>	
					<b>Totals:</b>	<b>\$133,890</b>	<b>\$18,807</b>	<b>\$152,697</b>	

# Sid Craig School of Business

Sid Craig School of Business: 11						Agency	Direct Awarded	Indirect Awarded	Total Awarded
School	Department	PI	Title						
Craig School	Economics	Avalos, A.	The Impact of Labor Legislation Changes on Workers, Families, and the Economy of the San Joaquin Valley: A Research Proposal (Yr. 3 of 3)		James Irvine Foundation	\$21,066	\$3,160	\$24,226	
<b>Total Department Awards: 1</b>						<b>Totals</b>	<b>\$21,066</b>	<b>\$3,160</b>	<b>\$24,226</b>
Craig School	Finance	Jauregui, A.	Real Estate and Land Use Institute		CSU	\$4,425	\$0	\$4,425	
<b>Total Department Awards: 1</b>						<b>Totals</b>	<b>\$4,425</b>	<b>\$0</b>	<b>\$4,425</b>
Craig School	Lyles Center	Milevoj, E.	Coleman Fellows 2018-2019		Coleman Foundation	\$25,000	\$0	\$25,000	
Craig School	Lyles Center	Milevoj, E.	FUSD High School Program		Fresno Unified School District	\$43,478	\$6,522	\$50,000	
Craig School	Lyles Center	Milevoj, E.	FUSD Summer 2018 - Summer 2019		Fresno Unified School District	\$65,739	\$9,861	\$75,600	
Craig School	Lyles Center	Milevoj, E.	Central Unified YEA 2018-2019		Central Unified School District	\$9,000	\$1,350	\$10,350	
Craig School	Lyles Center	Milevoj, E.	Kings Canyon YEA 2018-2019		Kings Canyon Unified School District	\$8,696	\$1,304	\$10,000	
Craig School	Lyles Center	Milevoj, E.	FUSD 5th STEM		Fresno Unified School District	\$365,004	\$54,751	\$419,755	
Craig School	Lyles Center	Milevoj, E.	FUSD 6th		Fresno Unified School District	\$521,739	\$78,261	\$600,000	
Craig School	Lyles Center	Milevoj, E.	FCOE Summer 2019 STEAM Tunnels		Fresno Unified School District	\$7,630	\$1,145	\$8,775	
<b>Total Department Awards: 8</b>						<b>Totals</b>	<b>\$1,046,286</b>	<b>\$153,194</b>	<b>\$1,199,480</b>
Craig School	Management/UBC	Bommer/Milevoj	Statewide Restraint Usage Surveys 2018-19		State of California - Office of Traffic Safety	\$210,550	\$35,727	\$246,277	
<b>Total Department Awards: 1</b>						<b>Totals</b>	<b>\$210,550</b>	<b>\$35,727</b>	<b>\$246,277</b>
						<b>Totals:</b>	<b>\$1,282,327.00</b>	<b>\$192,081.00</b>	<b>\$1,474,408.00</b>

# Kremen School of Education and Human Development

Kremen School of Education and Human Development: 53									
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded		
Education	C&I	Akhavan, N./Mendoza, C.	Institutionalizing Linked Learning (Yr. 2 of 2)	James Irvine Foundation (via CSU Long Beach)	\$8,000	\$800	\$8,800		
Education	C&I	Benninga, J.	Good Character Education in California	Kern Family Foundation	\$20,000	\$0	\$20,000		
Education	C&I	Bohlin	California Mathematics Project - ESSA (Federal) Funds - 2018-2019	University of California	\$59,811	\$4,785	\$64,596		
Education	C&I	Bohlin, C.	California Mathematics Project - CSMP State Funds - 2018-2019	University of California	\$22,889	\$1,145	\$24,034		
Education	C&I	Bohlin, C.	Math and Science Teacher Initiative (MSTI) 2018-19	California State University	\$110,000	\$0	\$110,000		
Education	C&I	Bohlin, C.	Teacher Recruitment Project (TRP) 2018-19	California State University	\$75,000	\$0	\$75,000		
Education	C&I	Mendoza, C.	College and Career Readiness for English Learners in Secondary Schools (Amendment 1)	James Irvine Foundation (via CSU Long Beach)	\$9,091	\$909	\$10,000		
Education	C&I	Nelson, F.	Western Regional Noyce Alliance (Year 2 of 3)	National Science Foundation (NSF) - (via SFSU)	\$23,929	\$6,071	\$30,000		
<b>Total Department Awards: 8</b>					<b>Totals</b>	<b>\$328,720</b>	<b>\$13,710</b>	<b>\$342,430</b>	
Education	CER/CGE	Becton, A. / Lopez-Ortiz, S.	Wayfinders (Yr. 2 of 3)	Central Valley Regional Center (CVRC)	\$0	\$0	\$0		
Education	CER/CGE	Becton-Brown, A./Lopez-Ortiz, S.	Wayfinders (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$453,563	\$36,285	\$489,848		
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Alta (2018-2019)	Alta Regional Center	\$190,769	\$13,560	\$204,329		
Education	CER/CGE	Lopez-Ortiz	Wayfinders - CVRC (2018-2019)	Central Valley Regional Center (CVRC)	\$368,278	\$26,296	\$394,573		
Education	CER/CGE	Lopez-Ortiz	Wayfinders - East Bay (2018-2019)	East Bay Regional Center	\$190,844	\$15,300	\$206,144		
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Far Northern Regional Center (2018-2019)	Far Northern Regional Center	\$48,910	\$3,132	\$52,043		
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Golden Gate (2018-2019)	Golden Gate Regional Center	\$97,968	\$6,232	\$104,200		
Education	CER/CGE	Lopez-Ortiz	Wayfinders - San Andreas (2018-2019)	San Andreas Regional Center	\$141,489	\$10,026	\$151,515		
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Tri County (2018-2019)	Tri County Regional Center	\$124,054	\$8,287	\$132,341		
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Valley Mountain Regional Center (2018-2019)	Valley Mountain Regional Center	\$406,817	\$27,867	\$434,684		
Education	CER	Lucey, C.	Sanctuary and Youth Services (2017-22) (Yr. 2 of 5)	Fresno EOC	\$66,000	\$0	\$66,000		
Education	CER	Lucey, C.	Fresno Family Counseling Center	Mexican Consulate of Fresno	\$17,391	\$2,609	\$20,000		
Education	CER	Pitt, J.	Rehabilitation Long-Term Training (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$169,777	\$3,037	\$172,814		
<b>Total Department Awards: 13</b>					<b>Totals</b>	<b>\$2,275,860</b>	<b>\$152,630</b>	<b>\$2,428,490</b>	
Education	Community Based Learning	Price, S.	MUREP Aerospace Academy (Year 1 of 2)	National Aeronautics and Space Administration (NASA)	\$150,463	\$12,037	\$162,500		
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$150,463</b>	<b>\$12,037</b>	<b>\$162,500</b>	
Education	Credential Program	Price, S.	Regional STEM Hub (2018-19)	Fresno County Superintendent of Schools	\$40,000	\$0	\$40,000		
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$40,000</b>	
Education	CSE	Beare, P./Ananian-Eastes	Workability IV (2016-19) Yr. 3 of 3	California Department of Rehabilitation	\$133,333	\$10,667	\$144,000		
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$133,333</b>	<b>\$10,667</b>	<b>\$144,000</b>	
Education	Dean	Alamillo L.	California Teachers Convening - 2017 (Yr. 3 of 3)	Gates Foundation (via Cal State Fullerton)	\$29,995	\$3,000	\$32,995		
Education	Dean	Alamillo, L.	Central MotherLode Regional Consortium - Fall 2019 Semester	State Center Community College District	\$30,000	\$0	\$30,000		
Education	Dean	Marshall	Ticket-to-Work and Self-Sufficiency Program (2018-2019)	Social Security Administration	\$71,670	\$3,347	\$75,017		
Education	Dean	Walsh	California Reading and Literature Project - ESSA (State Funds) - (2018-2019) (Yr. 2 of 3)	University of California	\$30,255	\$1,513	\$31,768		
Education	Dean	Walsh	California Reading and Literature Project - ESSA (Federal) 2018-2019 (Yr. 2 of 3)	University of California	\$40,396	\$3,231	\$43,627		
Education	Dean	Walsh, N.	A Developmental English Proficiency Test (ADEPT) Training 2018-19	Exeter Unified School District	\$800	\$64	\$864		
<b>Total Department Awards: 6</b>					<b>Totals</b>	<b>\$203,116</b>	<b>\$11,155</b>	<b>\$214,271</b>	
Education	Literacy, Early, Bilingual & Special Education	Huerta, T.	Central California World Language Project- CSMP State Funds - 2018-19	University of California	\$16,667	\$833	\$17,500		
Education	Literacy, Early, Bilingual & Special Education	Huerta, T.	Central California World Language Project- CSMP/ESSA (Federal) - 2018-19	University of California	\$25,000	\$2,000	\$27,000		
Education	Literacy, Early, Bilingual & Special Education	Juarez, S.	Mindssets for General Education Teacher Candidates	University of Florida (via CSU Chancellor's Office)	\$12,000	\$0	\$12,000		
Education	Literacy, Early, Bilingual & Special Education	Rodriguez, R. J.	Summer Institute for School Teachers	National Endowment for the Humanities (NEH)	\$9,035	\$903	\$9,938		
Education	Literacy, Early, Bilingual & Special Education	Torgerson, C.	Teacher Residency Program - Year 5 (2018-19)	Fresno Unified School District	\$41,667	\$3,333	\$45,000		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	San Joaquin Valley Writing Project - CSMP State Funds - 2018-19	University of California Office of the President (UCOP)	\$30,652	\$1,533	\$32,185		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Supporting K-8 Teachers in Integrating Writing	Ducor Union Elementary School District	\$9,200	\$800	\$10,000		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Supporting Teachers in Integrating Writing Throughout the Curriculum	Duncan Poly High School	\$5,555	\$445	\$6,000		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	San Joaquin Valley Writing Project - ESSA (Federal) Funds 2018-2019	University of California Office of the President (UCOP)	\$36,187	\$2,895	\$39,082		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Supporting Teachers in Developing Meaningful Writing Instruction	Monache High School	\$2,070	\$180	\$2,250		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Supporting Teachers in Writing Instruction	Crescent View South	\$11,500	\$1,000	\$12,500		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Using Writing to Address Students' Competencies	Marconi Learning Academy	\$1,379	\$121	\$1,500		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Using Writing to Address Students' Competencies	Crescent View West Public Charter, Inc.	\$1,379	\$121	\$1,500		
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Using Writing to Address Students' Competencies	Crescent View South, Inc.	\$1,379	\$121	\$1,500		
Education	Literacy, Early, Bilingual & Special Education	Yun, C.	Preparing a New Generation of Educators- Phase II (Yr. 3 of 3)	Branch Alliance for Educator Diversity	\$380,370	\$19,630	\$400,000		
<b>Total Department Awards: 15</b>					<b>Totals</b>	<b>\$584,040</b>	<b>\$33,915</b>	<b>\$617,955</b>	

Education	Welty Center	Boris, V.
Education	Welty Center	Boris, V.
Education	Welty Center	Boris, V.
Education	Welty Center	Boris, V.
Education	Welty Center	Boris, V.
Education	Welty Center	Boris, V.
Education	Welty Center	Boris, V.
Education	Welty Center	Boris, V.
<b>Total Department Awards: 8</b>		

Executive Coaching 2018-19
Internal Coherence Training - Year 2 - 2018-2019
Building Coherence in our Schools - 2018-19
Clovis Area Internal Coherence Training - 2018-19
Selma Coherence Training - 2018-19
Building Coherence Seminar Series 2018-19
Executive Coaching - 2018-19
Professional Learning Seminars - 2018-19

Fresno Unified School District	\$54,740	\$4,760	\$59,500
Twin Rivers Unified School District	\$102,518	\$7,482	\$110,000
Dinuba Unified School District	\$56,482	\$4,518	\$61,000
Clovis Unified School District	\$79,496	\$7,504	\$87,000
Selma Unified School District	\$46,832	\$4,168	\$51,000
Lindsay Unified School District	\$64,815	\$5,185	\$70,000
Reef Sunset Unified School District	\$9,722	\$778	\$10,500
Hardie Fellowship (via Matt Bennell)	\$12,600	\$1,400	\$14,000
<b>Totals</b>	<b>\$427,205</b>	<b>\$35,795</b>	<b>\$463,000</b>
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<b>Totals:</b>	<b>\$4,142,737</b>	<b>\$269,909</b>	<b>\$4,412,646</b>



# Lyles College of Engineering

Lyles College of Engineering: 33										
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded			
Engrg	Civil and Geomatics Engrg	Ahn, Y.	Literature Study on the Use of Drones for Road Repair	G-ros	\$8,694	\$1,304	\$9,998			
Engrg	Civil and Geomatics Engrg	Larralde-Muro	Student Interns - City of Clovis (Yr. 3 of 3)	City of Clovis	\$12,833	\$1,925	\$14,758			
Engrg	Civil and Geomatics Engrg	Larralde-Muro	Student Assistant Cal Fire Support (Yr. 4 of 4)	Department of Forestry and Fire Protection	\$35,869	\$5,380	\$41,249			
Engrg	Civil and Geomatics Engrg	Larralde-Muro, J.	Fresno State NRCS Career Development Program 2018	United States Department of Agriculture (USDA)	\$50,454	\$4,546	\$55,000			
Engrg	Civil and Geomatics Engrg	Li, Xiaojun	Development of a Quality Control Method and Guideline for Hot Mix Asphalt	San Jose State University	\$67,775	\$7,166	\$74,941			
Engrg	Civil and Geomatics Engrg	Munjy, R./Berber, M./Peterson, S.	Specifications for Using Unmanned Aerial Systems (Yr. 3 of 3)	State of California, Dept. of Transportation	\$102,777	\$22,223	\$125,000			
Engrg	Civil and Geomatics Engrg	Pasha, F./ Jacobsen, T. Green, S.	AI Model for Estimating Crop Water Demand: An Artificial Intelligence Model to Improve Agricultural Water Use Efficiency Using Field, Plant, and Weather Data Case Study]	Irrigation Innovation Consortium (Univ. of CO Passthrough)	\$44,847	\$4,485	\$49,332			
Engrg	Civil and Geomatics Engrg	Pasha/Yeasmin	ARI: An Integrated Management Model to Operate a Farm at Peak Efficiency (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$31,020	\$0	\$31,020			
Engrg	Civil and Geomatics Engrg	Tawfik	Fresno State Transportation Institute (Yr. 2 of 5)	Fresno Council of Governments	\$602,818	\$63,573	\$666,391			
Engrg	Civil and Geomatics Engrg	Tawfik	Minimizing Negative Environmental Impacts, Time, and Cost of Business Commuters (Yr. 3 of 3)	Fresno COG (CalTrans)	\$9,116	\$1,367	\$10,483			
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Motor Mobile - Low Carbo Fuel Investments (Yr. 1 of 2)	CEC	\$24,000	\$6,000	\$30,000			
Engrg	Civil and Geomatics Engrg	Tawfik, A.	California State University Transportation Consortium (SB1) (Yr. 2 of 3)	State of California (SJSU Lead)	\$131,740	\$18,260	\$150,000			
Engrg	Civil and Geomatics Engrg	Tawfik, A.	San Joaquin Valley Electric Tractor Development and Demonstration (Year 1 of 3)	Project Clean Air	\$66,222	\$1,311	\$67,533			
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Travel Behavior Data Fusion Approach (Yr. 2 of 2)	U.S. Department of Transportation (Booz Allen Passthrough)	\$83,310	\$21,600	\$104,910			
Engrg	Civil and Geomatics Engrg	Wright, W.	Technical Review - Dairy Digester Research - Amendment	State of California, Department of Food and Agriculture	\$122,500	\$18,375	\$140,875			
Engrg	Civil and Geomatics Engrg	Wright, W./Thompson K.	Technical Reviews of Grant Applications Received Under the Healthy Soils Program, Dairy Digester, Research and Development Program, and State Water Efficiency Program (Year 1 of 2)	CA Department of Food and Agriculture	\$237,500	\$47,500	\$285,000			
<b>Total Department Awards: 16</b>					<b>Totals</b>	<b>\$1,631,475</b>	<b>\$225,015</b>	<b>\$1,856,490</b>		
Engrg	Construction Management	Wu, W.	EXP: Collaborative Research; Cultivating Apprenticeship Learning for Architecture, Engineering, and Construction Using Mixed Reality (Yr. 2 of 3)	National Science Foundation (NSF)	\$38,835	\$15,534	\$54,369			
Engrg	Construction Management	Zoghi	Residential Construction Management (Yr. 5 of 5)	National Housing Endowment	\$20,000	\$0	\$20,000			
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$58,835</b>	<b>\$15,534</b>	<b>\$74,369</b>		
Engrg	Dean	Nunna, R./Prieto, Beatrice	MESA Schools 2018-2019 Program	The Regents of University fo California, Office of the President	\$171,429	\$8,571	\$180,000			
Engrg	Dean	Nunna, R./Prieto, B.	Jave 2018 Academy	The Regents of University of California	\$3,909	\$206	\$4,115			
Engrg	Dean	Nunna, R./Maldonado, H.	MESA MEP Program 2017-18	UCOP	\$9,524	\$476	\$10,000			
<b>Total Department Awards: 3</b>					<b>Totals</b>	<b>\$184,862</b>	<b>\$9,253</b>	<b>\$194,115</b>		
Engrg	Electrical and Computer Engrg	Kim, Y.	Array Signal Processing for 5G Applications	Kia Motors Corporation (Hyundai Motors Company)	\$147,826	\$22,174	\$170,000			
Engrg	Electrical and Computer Engrg	Kim, Y.	Drone Characterization 2019	Daegu Gyeongbuk Institute of Science and Technology (DGIST) (South Korea)	\$60,869	\$9,130	\$69,999			
Engrg	Electrical and Computer Engrg	Kinman P.	Advanced DSN Engineering - Modification 005	National Aeronautics and Space Administration (NASA) - JPL	\$22,857	\$9,143	\$32,000			
Engrg	Electrical and Computer Engrg	Kinman P.	Advanced DSN Engineering - Modification 003 - (Year 3 of 4)	National Aeronautics and Space Administration (NASA) - JPL	\$67,857	\$27,143	\$95,000			
Engrg	Electrical and Computer Engrg	Kinman P.	Advanced DSN Engineering - Modification 004	National Aeronautics and Space Administration (NASA) - JPL	\$25,000	\$10,000	\$35,000			
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering (Modification No. 6/ Sub No. 1556698)	California Institute of Technology (CIT)	\$25,714	\$10,286	\$36,000			
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering (Modification No. 7/Sub No. 1556698)	California Institute of Technology - JPL	\$89,433	\$35,774	\$125,207			
Engrg	Electrical and Computer Engrg	Kriehn, G.	Fagerstrom Consulting Work for Cook Land	Fagerstrom Engineering Inc.	\$858	\$86	\$944			
Engrg	Electrical and Computer Engrg	Wang, N/ Na, W.	NeTS:Small;RUI; Bulldog Mote - Low Power Sensor Node and Design Methodologies (Yr. 1 of 3)	National Science Foundation (NSF)	\$112,396	\$39,803	\$152,199			
<b>Total Department Awards: 9</b>					<b>Totals</b>	<b>\$552,810</b>	<b>\$163,539</b>	<b>\$716,349</b>		
Engrg	Mechanical Engrg	Liang, Z.	RUI: Thermal Transport Across Liquid Gas Interfaces (Yr. 1 of 3)	National Science Foundation (NSF)	\$64,989	\$25,996	\$90,985			
Engrg	Mechanical Engrg	Nguyen, T.	Design and Manufacturing of a Produce Sorting Line]	Central California Food Bank	\$8,000	\$1,200	\$9,200			
Engrg	Mechanical Engrg	Nguyen, T.	Design and Manufacturing of a Salad Dressing Bottling Line]	Milly's Organics	\$18,600	\$2,790	\$21,390			
<b>Total Department Awards: 3</b>					<b>Totals</b>	<b>\$91,589</b>	<b>\$29,986</b>	<b>\$121,575</b>		
<b>Totals:</b>					<b>\$2,519,571</b>	<b>\$443,327</b>	<b>\$2,962,898</b>			

# College of Health and Human Services

College of Health and Human Services: 60										
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded			
Hlth & HS	CCCI	Joubert, C.	Reducing African American Infant Mortality in Fresno County 2018-19	First 5 Fresno County	\$25,000	\$0	\$25,000			
Hlth & HS	CCCI	Joubert C.	Central Valley Regional Center Diversity Project (Yr. 2 of 2)	Central Valley Regional Center (CVRC)	\$52,405	\$2,620	\$55,025			
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$77,405</b>	<b>\$2,620</b>	<b>\$80,025</b>		
Hlth & HS	CVHPI	Bengiamin, M	California Oral Health Network	California Pan-Ethnic Health Network	\$4,348	\$652	\$5,000			
Hlth & HS	CVHPI	Bengiamin, M	Evaluation for Health Equity 2018-21 (Amendment 1) (Year 1 of 3)	CA Endowment	\$102,027	\$14,554	\$116,581			
Hlth & HS	CVHPI	Bengiamin, M	Reducing Disparity Project Evaluation (Yr. 3 of 5)	West Fresno Family Resource Center	\$42,351	\$5,940	\$48,291			
Hlth & HS	CVHPI	Capitman, J.	Fresno County Collaboration for Wellness (Year 1 of 3)	County of Fresno	\$34,255	\$9,078	\$43,333			
Hlth & HS	CVHPI	Capitman, J.	Fresno County Preterm Birth Initiative (PTBI)	David and Lucille Packard Foundation	\$45,455	\$4,545	\$50,000			
Hlth & HS	CVHPI	Capitman, J.	Independent Living Association Program	Community Health Improvement Partners (CHIP)	\$60,869	\$9,130	\$69,999			
Hlth & HS	CVHPI	Capitman, J.	Fresno Madera Medical Coalition (Yr. 2 of 2)	Centro La Familia Advocacy Services	\$21,522	\$3,228	\$24,750			
Hlth & HS	CVHPI	Capitman, J.	Collective Impact Fresno Backbone PTBI (Phase III; Amend. 2)	University of California, San Francisco (UCSF)	\$320,579	\$32,058	\$352,637			
Hlth & HS	CVHPI	Capitman, J.	Nutrition Education Obesity Prevention (NEOP) (Yr. 1 of 3)	County of Fresno	\$86,400	\$21,600	\$108,000			
Hlth & HS	CVHPI	Capitman, J.	SOLARS Phase 1 (Yr. 3 of 3)	UCSF	\$29,091	\$2,909	\$32,000			
Hlth & HS	CVHPI	Capitman, J.	School Based Health	Fresno County Cradle to Career	\$28,696	\$4,304	\$33,000			
Hlth & HS	CVHPI	Capitman, J.	Doctors Academy Research Class Professional Development	Caruthers Unified School District	\$756	\$144	\$900			
Hlth & HS	CVHPI	Capitman, J.	Asthma Study - Subcontract with UC Berkeley (Amendment 8)	EPA (via University of California)	\$7,228	\$2,772	\$10,000			
Hlth & HS	CVHPI	Capitman, J. / Lessard, L.	Group Pediatric Care	First 5 Fresno	\$8,905	\$891	\$9,796			
Hlth & HS	CVHPI	Capitman, J. / Pacheco-Werner, T.	One- Year Innovation Award in Prematurity Research	UCSF	\$10,526	\$1,052	\$11,578			
Hlth & HS	CVHPI	Capitman, J./Bengiamin, M.	Local Oral Health Evaluation Services (Yr. 1 of 3)	County of Fresno	\$83,386	\$12,508	\$95,894			
Hlth & HS	CVHPI	Capitman, J./Bengiamin, M.	Oral Health Policy Messaging 2019-20 (Year 5 of 5)	Dentaquest Foundation	\$61,565	\$9,235	\$70,800			
Hlth & HS	CVHPI	Capitman, J./Werner, T.	Safety Through Connections	Salvia la Salud	\$4,348	\$652	\$5,000			
Hlth & HS	CVHPI	Capitman, J.; Lessard, L.	Group Prenatal Care Demonstration (GLOW), Amend. 1 (Yr. 2 of 3) - 2018-2019	UCSF (via First 5 Fresno County)	\$15,000	\$1,500	\$16,500			
<b>Total Department Awards: 19</b>					<b>Totals</b>	<b>\$967,307</b>	<b>\$136,752</b>	<b>\$1,104,059</b>		
Hlth & HS	Kinesiology	Reed, S.	Athletic Training Services in Fresno County	Far West Athletic Trainers' Association	\$2,800	\$0	\$2,800			
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$2,800</b>	<b>\$0</b>	<b>\$2,800</b>		
Hlth & HS	Nursing/CCCN	Gilbert M.	Song Brown RN Capitation 2017-2019 (Yr. 2 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$72,000	\$0	\$72,000			
Hlth & HS	Nursing/CCCN	Gilbert, M.	Song Brown Family Nurse Practitioner Capitation - 2019-20	Office of Statewide Health Planning and Development (OSHPD)	\$120,000	\$0	\$120,000			
Hlth & HS	Nursing	Rindahl, K./De La Cruz, P.	Advanced Nursing Education Workforce (Yr. 2 of 2)	Department of Health and Human Services (DHHS) - Health Resources and Services Administration (HRSA)	\$480,042	\$55,615	\$535,657			
<b>Total Department Awards: 3</b>					<b>Totals</b>	<b>\$672,042</b>	<b>\$55,615</b>	<b>\$727,657</b>		
Hlth & HS	Physical Therapy	Rivera, M.	Spatial Cognitive Acquisition and Self-Propulsion	California Physical Therapy Fund	\$8,533	\$0	\$8,533			
Hlth & HS	Physical Therapy	Roos J./ Bhupinder S.	Gait Analysis of Individuals (Year 1 of 3)	San Joaquin Valley Rehabilitation Hospital	\$4,198	\$802	\$5,000			
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$12,731</b>	<b>\$802</b>	<b>\$13,533</b>		
Hlth & HS	Public Health	Zografos, K.	Bio Statistical Analysis	Valley Children's Healthcare	\$6,522	\$978	\$7,500			
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$6,522</b>	<b>\$978</b>	<b>\$7,500</b>		
Hlth & HS	Recreation Admin	Lankford, S.	Off-Campus Internship Program	City of Visalia	\$3,300	\$0	\$3,300			
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$3,300</b>	<b>\$0</b>	<b>\$3,300</b>		
Hlth & HS	Social Work Education	Barrera, I.	Opening Doors for All: Evaluating the Health Impact of Site-Based Parenting Support in Public Housing Communities (Yr. 3 of 3)	Robert Wood Johnson Foundation	\$22,321	\$2,679	\$25,000			
Hlth & HS	Social Work Education	Blankenship, D./Foster, B.	Adult Protective Services Training (APS) - 2019	California Department of Social Services (CDSS)	\$63,998	\$6,400	\$70,398			
Hlth & HS	Social Work Education	Blankenship, D./Foster, B.	APS Training Academy 2017-2018 (Yr. 3 of 4)	California Department of Social Services (CDSS)	\$596,240	\$59,624	\$655,864			
Hlth & HS	Social Work Education	Foster, B./ Foster, D./ Vungkhanching, M.	Santa Barbara County Grievance Review Officer 2019-20	County of Santa Barbara Social Services	\$2,609	\$391	\$3,000			
Hlth & HS	Social Work Education	Foster, B./ Foster, D./ Vungkhanching, M.	CCTA BAA-CFPIC California Core Practice Model '19	Child and Family Policy Institute of California	\$69,444	\$5,556	\$75,000			
Hlth & HS	Social Work Education	Foster, B./Foster, D.	San Joaquin Grievance Review Officer 2018-19	County of San Joaquin	\$21,250	\$3,750	\$25,000			
Hlth & HS	Social Work Education	Foster, B./Foster, D./ Vungkhanching, M.	San Mateo Grievance Review Officer 2018-20	San Mateo County	\$21,739	\$3,261	\$25,000			
Hlth & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	Santa Barbara County Grievance Review Officer 2018-19	County of Santa Barbara Social Services	\$2,609	\$391	\$3,000			
Hlth & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	CCTA BAA Santa Cruz CWS Training 2018-19	County of Santa Cruz Human Services Department	\$117,362	\$9,389	\$126,751			
Hlth & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	Adult Protective Services (APS) Training - 2019-20	California Department of Social Services (CDSS)	\$64,000	\$6,400	\$70,400			
Hlth & HS	Social Work Education	Foster, D. / Foster, B. / Vungkhanching, M.	CCTA-CFPIC California Core Practice Model '19	Child and Family Policy Institute of California	\$65,217	\$9,783	\$75,000			
Hlth & HS	Social Work Education	Foster, D. / Foster, B. / Vungkhanching, M.	Ventura County Grievance Review 2018-19	Ventura Human Services Agency	\$8,694	\$1,306	\$10,000			
Hlth & HS	Social Work Education	Foster, D./ Foster, B./Vungkhanching, M.	Napa County Child Welfare Services '19	Napa County	\$217,712	\$17,417	\$235,129			
Hlth & HS	Social Work Education	Foster, D./ Foster, B./Vungkhanching, M.	Tulare County Safety Organized Practice/Child Welfare Training 2018-19	Tulare County Department of Human Services	\$116,872	\$17,531	\$134,403			
Hlth & HS	Social Work Education	Foster, D./Foster, B.	Central California Teaching Academy (CCTA)/Bay Area Academy (Yr. 3 of 3)	San Mateo County Human Services Agency	\$355,767	\$28,461	\$384,228			
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Monterey County Child Welfare Training	County of Monterey	\$161,383	\$12,911	\$174,294			

Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA CDSS Master '19 (Yr. 1 of 3)	California Department of Social Services (CDSS)	\$3,287,839	\$328,784	\$3,616,623	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA CDSS Master '19 (Yr. 1 of 3)	California Department of Social Services (CDSS)	\$2,775,699	\$277,570	\$3,053,269	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Ventura County Field-Based Training '19	Ventura County Human Services	\$533,832	\$80,075	\$613,907	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA Contra Costa CWS '19 (Yr. 1 of 3)	Contra Costa County Employment and Human Services	\$231,482	\$18,519	\$250,001	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Madera County Safety Organized Practice Training '19	Madera County Department of Social Services	\$115,992	\$17,399	\$133,391	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA Marin County Training '19	County of Marin	\$185,698	\$14,856	\$200,554	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA/BAA Alameda County CWS '18 (Yr. 2 of 3)	County of Alameda	\$344,503	\$29,957	\$374,460	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA San Benito Co 2018-19	County of San Benito	\$65,671	\$5,253	\$70,924	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA San Benito County 2019-20	County of San Benito	\$66,232	\$5,299	\$71,531	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching M./Foster, B.	Kings County Core Practice Model/Safety Organized Practice Training 2018-19	County of Kings	\$97,500	\$14,625	\$112,125	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching M./Foster, B.	Stanislaus Grievance Review Officer '18 (Yr. 2 of 2)	Stanislaus County Community Service Agency	\$11,304	\$1,696	\$13,000	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching M./Foster, B.	Calaveras Grievance Review Officer '19 (Year 1 of 2)	Calaveras County	\$4,347	\$653	\$5,000	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching, M./Foster, B.	CCTA-BAA Sonoma County Train '19	County of Sonoma	\$76,397	\$6,112	\$82,509	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching/Foster, B.	CCTA Kern County Safety Organized Practice Training (Yr. 2 of 5)	Kern County Department of Human Services	\$164,300	\$65,720	\$230,020	
Hlth & HS	Social Work Education	Miltiades, H.	Integrating Palliative Care Education	California Health Care Foundation (via CSU San Marcos)	\$10,500	\$1,050	\$11,550	
Hlth & HS	Social Work Education	Vungkhanching, M.	Title IV-E Social Work Training Program 2018-19 (Year 1 of 2)	CA Social Work Education Center (CalSWEC)	\$2,988,593	\$269,175	\$3,257,768	
<b>Total Department Awards: 31</b>					<b>Totals</b>	<b>\$12,867,106</b>	<b>\$1,321,993</b>	<b>\$14,189,099</b>
National Science Foundation (NSF)					<b>Totals:</b>	<b>\$14,609,213</b>	<b>\$1,518,760</b>	<b>\$16,127,973</b>

# College of Science and Mathematics

College of Science and Mathematics: 55								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Sci & Math	Biology	Blumenshine, S.	Workshop for the Development and Application of Regionally-Specific Juvenile Chinook Salmon Bioenergetics Models	CSU - COAST	\$9,525	\$0	\$9,525	
Sci & Math	Biology	Bush, J.	Metabonomics Analysis of HER2-Positive Breast Cancer Cells (Yr. 2 of 4)	National Institute of Health (NIH)	\$75,000	\$30,000	\$105,000	
Sci & Math	Biology	Calderon-Urrea, A.	CED4 Peptides AND Chalcones to Develop Unique Products Effective Against Plant Parasitic Nematodes	CSU I-CORPS - National Science Foundation (NSF)	\$1,000	\$0	\$1,000	
Sci & Math	Biology	Calderon-Urrea, A.	CED4 Peptides and Chalcones to Develop Unique Products Effective Against Plant Parasitic Nematodes	CSU I-Corps - National Science Foundation (NSF)	\$933	\$0	\$933	
Sci & Math	Biology	Gousset, K.	Identification of Tunneling Nanotube and Filopodia Specific Biomarkers Using Laser Capture Microdissection and Mass Spectrometry	CSU (CSUPERB)	\$15,000	\$0	\$15,000	
Sci & Math	Biology	Lent, David	CAREER: Navigation in Naturalistic and Changing Environments (Yr. 4 of 5)	National Science Foundation (NSF)	\$99,019	\$32,288	\$131,307	
Sci & Math	Biology	Mujic, A.	Fungi Taxonomy Project	United States Department of Agriculture (USDA) - Forest Service & Bureau of Land Management	\$10,213	\$1,787	\$12,000	
Sci & Math	Biology	Reece, J.	Using Student Course-Based Research Experiences with Environmental DNA to Detect the Presence of Native and Invasive Reptiles and Amphibians	Sequoia Parks Conservancy	\$5,000	\$0	\$5,000	
Sci & Math	Biology	Reece, J.	Vulnerability Assessment of Georgia's Coastal Species (Yr. 2 of 2)	State of Georgia (University of Georgia)	\$17,858	\$7,142	\$25,000	
Sci & Math	Biology	Reece, J.	Bat Biodiversity in Sequoia Forests: Kings Canyon and Sequoia National Parks	Save the Redwoods League	\$25,000	\$0	\$25,000	
Sci & Math	Biology	Ross J.	Genetic Basis of Sperm Mitochondrial Elimination (Yr. 2 of 3)	National Institute of Health (NIH)	\$100,000	\$40,000	\$140,000	
Sci & Math	Biology	Van Laar, T.	A CURE for Introductory Biology Achievement Gaps?: Redesign of BIOL 1A Labs	CSU (CSUPERB)	\$15,000	\$0	\$15,000	
Sci & Math	Biology	Waselkov, K.	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)	Cal Poly SLO (National Science Foundation (NSF) Passthrough)	\$15,744	\$6,298	\$22,042	
<b>Total Department Awards: 13</b>					<b>Totals</b>	<b>\$389,292</b>	<b>\$117,515</b>	<b>\$506,807</b>
Sci & Math	Chemistry	Brooks, C.	Nanobodies for the Detection & Neutralization of Listeria Monocytogenes (Yr. 4 of 4)	Department of Health and Human Services (DHHS) - National Institute of Health (NIH)	\$7,500	\$3,000	\$10,500	
Sci & Math	Chemistry	Brooks, C.	Quest Match: Characterization of a Humanized MUC16 Specific Antibody for Cancer Immunotherapy	Quest Pharma Tech Inc.	\$15,000	\$0	\$15,000	
Sci & Math	Chemistry	Brooks, C.	Quest Pharma: Humanized AR9.6 Stable CHO Cell Line Limiting Dilution (Year 1 of 2)	Quest Pharmatech, Inc.	\$18,883	\$2,832	\$21,715	
Sci & Math	Chemistry	Chen, Q.	Optimization of CB-2 as Chemotherapeutics for Diabetes-Induced Breast Cancer	World Pharmaceutical Technology, LLC	\$2,508	\$33,853	\$36,361	
Sci & Math	Chemistry	Chen, Qiao-Hong	Development of Stabilized Zampanolide Mimics as Chemotherapeutics (Yr. 2 of 3)	Department of Health and Human Services (DHHS) - National Institute of Health (NIH)	\$100,000	\$40,000	\$140,000	
Sci & Math	Chemistry	Donnelly	Collab Res: Noyce Track 4 - Impact of Pre-Services Teach Research (Yr 3 of 3)	National Science Foundation (NSF)	\$14,761	\$5,904	\$20,665	
Sci & Math	Chemistry	Donnelly	Enhancing the Quality of Undergraduate Investigation in Physical Science (Yr. 2 of 3)	National Science Foundation (NSF)	\$62,797	\$25,119	\$87,916	
Sci & Math	Chemistry	Goto, J./Hall, R.	Transforming College Teaching: Statewide Implementation of the Faculty Learning... (Yr. 1 of 3)	National Science Foundation (NSF) - (UC Berkeley)	\$26,800	\$6,000	\$32,800	
Sci & Math	Chemistry	Krishnan V.	Effect on Western Diet in Gastrointestinal Cancer by NMR Metabolomics (Yr. 1 of 4)	Department of Health and Human Services (DHHS) - National Institute of Health (NIH)	\$75,000	\$30,000	\$105,000	
Sci & Math	Chemistry	Krishnan, K./Calderon-Urrea, A./Bush, J./Goto, J./Chen, Q.	RISE Program at Fresno State (Yr. 1 of 5)	Department of Health and Human Services (DHHS) - National Institute of Health (NIH)	\$314,399	\$25,512	\$339,911	
Sci & Math	Chemistry	Maitra, S.	Deed Alternative (Year 1 of 3)	CSU Agricultural Research Institute (ARI)	\$56,577	\$0	\$56,577	
Sci & Math	Chemistry	Uchida, M.	Nanomufacturing of Protein Macromolecular Frameworks Through an Integrated Bioengineering and Computational Approach (Yr. 1 of 3)	National Science Foundation (NSF)	\$136,667	\$22,430	\$159,097	
<b>Total Department Awards: 12</b>					<b>Totals</b>	<b>\$830,892</b>	<b>\$194,650</b>	<b>\$1,025,542</b>
Sci & Math	Computer Science	Cecotti, H.	Enhancing student learning experience in Art History with Virtual Reality	National Endowment for the Arts (NEA)	\$10,000	\$0	\$10,000	
Sci & Math	Computer Science	Lj, M.	MRi: Development of a Cloud-Based Instrument for Heterogeneous.. (Yr. 3 of 3)	National Science Foundation (NSF)	\$70,313	\$17,680	\$87,993	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$80,313</b>	<b>\$17,680</b>	<b>\$97,993</b>
Sci & Math	Earth & Environmental Sciences	Brady, M./Mine, A.	Investigating the Paleo biological and Environmental Consequences of the Paleocene-Eocene Thermal Maximum in Continental Shelf Records (Yr. 2 of 3)	David B. Jones Foundation	\$23,526	\$9,410	\$32,936	
Sci & Math	Earth & Environmental Sciences	Putirka, K.	RUI: COLLABORATIVE PROPOSAL: TECTONIC CONTROLS ON ARC EVOLUTION (Yr. 1 of 3)	National Science Foundation (NSF)	\$47,077	\$18,831	\$65,908	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$70,603</b>	<b>\$28,241</b>	<b>\$98,844</b>
Sci & Math	LSAMP/Chemistry	DeLaCerde, L./Goto, J.	LSAMP Participant Support (2018-2019) (Chancellor's Office)	Chancellor's Office (CSU)	\$53,552	\$0	\$53,552	
Sci & Math	LSAMP/Chemistry	DeLaCerde, L./Goto, J.	LSAMP Participant Support (2019-2019) (NSF)	National Science Foundation (NSF)	\$20,000	\$0	\$20,000	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$73,552</b>	<b>\$0</b>	<b>\$73,552</b>
Sci & Math	Mathematics	Amarasinghe, R./Phillips, E.	GOTMath (Growing Outstanding Teachers of Mathematics) (Yr. 1 of 5)	National Science Foundation (NSF)	\$198,207	\$23,733	\$221,940	
Sci & Math	Mathematics	Amarasinghe, R./Tuska, A.	California Mathematics Project	Lindsay Unified School Dist	\$47,967	\$3,838	\$51,805	
Sci & Math	Mathematics	Caprau, C.	Knot Theory and Its Connections to Combinatorics and Algebra (Yr. 4 of 5)	Simons Foundation	\$6,000	\$1,000	\$7,000	
Sci & Math	Mathematics	Caprau, C.	Knot Theory and Its Connections to Combinatorics and Algebra (Yr. 4 of 5)	Simons Foundation	\$6,000	\$1,000	\$7,000	
Sci & Math	Mathematics	Nogin M./ Subuwala A./ Tague J./ Tuska A.	Expanding the Fresno Math Circle and other Enrichment Activities	Mathematical Association of America (MAA)	\$5,000	\$0	\$5,000	
Sci & Math	Mathematics	Nogin, M.	Expanding the Fresno Math Circle and Other Enrichment Activities	Mathematical Association of America (MAA)	\$5,000	\$0	\$5,000	
Sci & Math	Mathematics	Tuska A.	CSU/UC Mathematics Diagnostic Testing Project (MDTP)	Regents of the University of California (SDSU passthrough)	\$31,753	\$0	\$31,753	
Sci & Math	Mathematics	Vega, O.	M-2S-2: Mentoring Math Scholars for Success (Yr. 2 of 5)	National Science Foundation (NSF)	\$208,405	\$22,476	\$230,881	
<b>Total Department Awards: 8</b>					<b>Totals</b>	<b>\$508,332</b>	<b>\$52,047</b>	<b>\$560,379</b>
Sci & Math	Physics	Gao, Y.	Searching and Discovering New Physics with Run-2 on ATLAS Experiment of LHC	National Science Foundation (NSF)	\$35,714	\$14,286	\$50,000	
Sci & Math	Physics	Gao, Y.	IREs Track I: US-CERN Summer Program on Atlas Experiment of LHC at CERN (Year 1 of 3)	National Science Foundation (NSF)	\$85,591	\$20,094	\$105,685	
Sci & Math	Physics	Gao, Y.	Leveraging Existing Cloud Service Infrastructure to Serve US ATLAS	Brookhaven National Laboratory	\$4,800	\$1,920	\$6,720	

Sci & Math	Physics	Gherase, M.	Assessment of Human Long-Term Lead Exposure Using a Confocal L-Shell X-Ray Fluorescence Method for Bone Lead Measurements (Yr. 2 of 3)	National Institute of Health (NIH)	\$100,000	\$40,000	\$140,000	
Sci & Math	Physics	Ho, Pei-Chun	RUI: Investigation of Strongly Correlated Electron Behavior in Rare-Earth Related Materials (Yr. 1 of 3)	National Science Foundation (NSF)	\$109,269	\$34,309	\$143,578	
<b>Total Department Awards: 5</b>					<b>Totals</b>	<b>\$335,374</b>	<b>\$110,609</b>	<b>\$445,983</b>
Sci & Math	Psychology	Jackson, M.	Behavior Intervention Services	D&D Residential	\$19,565	\$2,935	\$22,500	
Sci & Math	Psychology	Jackson, M.	Focused Behavior Services (2018-2019)	Central Valley Regional Center (CVRC)	\$243,244	\$24,648	\$267,892	
Sci & Math	Psychology	Jackson, M. / Moschella, J	Behavior Intervention Services	Telecare Corporation	\$25,044	\$3,757	\$28,801	
Sci & Math	Psychology	Jackson, M./ Moschella, JP	Behavior Intervention Services	Central Unified School District	\$17,538	\$2,631	\$20,169	
Sci & Math	Psychology	Jackson, M./ Moschella, JP	Behavior Intervention Services	ACCESS	\$21,740	\$3,260	\$25,000	
Sci & Math	Psychology	Jackson, M./ Moschella, JP	Behavior Intervention Services (Amendment)	Central Unified School District	\$25,070	\$3,760	\$28,830	
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Behavior Intervention Services	Bethseda Lutheran Communities, Inc.	\$31,304	\$4,696	\$36,000	
Sci & Math	Psychology	Jackson, M./Moschella, J.	Parenting Skills Contract No. 18-028-001 (Yr. 1 of 3)	Central Valley Regional Center (CVRC)	\$29,506	\$4,426	\$33,932	
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services	Telecare Corporation	\$34,782	\$5,218	\$40,000	
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services 2019-2020	D&D Residential, Inc.	\$19,130	\$2,870	\$22,000	
Sci & Math	Psychology	Toro	A Longitudinal Analysis of Acculturation Differences between Immigrant Latino Parents and Youth: Implications on Family Functioning and Youth Development (Yr. 3 of 3)	Department of Health and Human Services (DHHS)	\$100,000	\$40,000	\$140,000	
<b>Total Department Awards: 11</b>					<b>Totals</b>	<b>\$566,923</b>	<b>\$98,201</b>	<b>\$665,124</b>
					<b>Totals:</b>	<b>\$2,855,281</b>	<b>\$618,943</b>	<b>\$3,474,224</b>

# College of Social Sciences

College of Social Sciences: 9								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Soc Sci	Anthropology	Saxton, D.	Food Commons Research	Food Commons	\$10,000	\$0	\$10,000	
Soc Sci	Anthropology	Saxton, D. / Sullivan C.	Transitioning Youth into Adult HIV Care	Health Services Research Administration (HRSA)	\$60,127	\$6,013	\$66,140	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$70,127</b>	<b>\$6,013</b>	<b>\$76,140</b>
Soc Sci	Criminology	Fox, A.	Smart Policing Initiative (Yr. 3 of 3)	U.S. Department of Justice (via Kansas City PD/UMKC)	\$32,676	\$13,070	\$45,746	
Soc Sci	Criminology	Hughes, E.	Project Rebound (Yr. 3 of 3)	Opportunity Institute (via San Francisco State University)	\$69,822	\$0	\$69,822	
Soc Sci	Criminology	Hughes, E.	CSU Project Rebound Outreach Program (Year 1 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$42,496	\$3,300	\$45,796	
Soc Sci	Criminology	Klement, K. / Kieckhafer, J. / Marshall, J.	Evaluation of Contraband Interdiction Pilot Program - SATF and State Prison Corcoran Research Proposal (Yr. 1 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$41,572	\$12,472	\$54,044	
<b>Total Department Awards: 4</b>					<b>Totals</b>	<b>\$186,566</b>	<b>\$28,842</b>	<b>\$215,408</b>
Soc Sci	Dean	Muscat, B. / Nef / Lee	Improving Data and Communication to Increase Student Retention	Educational Credit Management Corporation (via Channel Islands)	\$18,000	\$0	\$18,000	
Academic Affairs / Soc Sci	Provost's Office / Dean	Zelezny, L. / DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$171,418	\$0	\$171,418	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$189,418</b>	<b>\$0</b>	<b>\$189,418</b>
Soc Sci	Political Science	Abosch Y.	Seminar in Classical Liberalism 2018-19	Charles G. Koch Foundation	\$7,500	\$0	\$7,500	
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$7,500</b>	<b>\$0</b>	<b>\$7,500</b>
					<b>Totals:</b>	<b>\$453,611</b>	<b>\$34,855</b>	<b>\$488,466</b>

# Student Affairs

Student Affairs Total Awards 20								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Student Affairs	Administration	Medina, J.	Cal Fresh Outreach FY2019-2021 (Yr. 1 of 3)	CSU Chico (California Department of Social Services (CDSS))	\$20,492	\$8,197	\$28,689	
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$20,492</b>	<b>\$8,197</b>	<b>\$28,689</b>
Student Affairs	CAMP	Gamez, O.	Fresno State CAMP 2018-2019 (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$396,058	\$28,942	\$425,000	
Student Affairs	CAMP	Gamez, O.	Kern County Events 2018-2019	Kern County Office of Education, Migrant Services	\$57,279	\$3,496	\$60,775	
Student Affairs	CAMP	Gamez, O.	Migrant College Days 2019	Fresno County Superintendent of Schools	\$9,167	\$733	\$9,900	
Student Affairs	CAMP	Gamez, O.	English Language Development Institute (ELDI)	Merced County Superintendent of Schools	\$57,766	\$2,234	\$60,000	
Student Affairs	CAMP	Gamez, O.	Visual & Performing Arts (VAPA) Program - Merced County Summer 2019	Merced County Superintendent of Schools	\$86,650	\$3,350	\$90,000	
Student Affairs	CAMP	Gamez, O.	English Language Development Institute (ELDI) - Monterey County	Monterey County Office of Education	\$213,022	\$8,228	\$221,250	
<b>Total Department Awards: 6</b>					<b>Totals</b>	<b>\$819,942</b>	<b>\$46,983</b>	<b>\$866,925</b>
Student Affairs	EOC	Amaro, J.	Central California Educational Opportunity Center 2017-2018 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$335,042	\$26,603	\$361,645	
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$335,042</b>	<b>\$26,603</b>	<b>\$361,645</b>
Student Affairs	Financial Aid and Scholarships	Tardell, D.	Federal Work Study FY18-19	U.S. Department of Education (USDE)	\$774,527	\$0	\$774,527	
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$774,527</b>	<b>\$0</b>	<b>\$774,527</b>
Student Affairs	Health Center	Yarmo, K.	Prevention through Education (Yr. 2 of 2)	Central Valley Community Foundation	\$45,326	\$3,435	\$48,761	
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$45,326</b>	<b>\$3,435</b>	<b>\$48,761</b>
Student Affairs	Outreach	Medina, M.	CALSOAP 2018-2019	California Student Aid Commission	\$387,706	\$20,411	\$408,117	
<b>Total Department Awards: 1</b>					<b>Totals</b>	<b>\$387,706</b>	<b>\$20,411</b>	<b>\$408,117</b>
Student Affairs	Student Affairs	Granados M.	Upward Bound Madera 2018-2019 (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$417,845	\$26,989	\$444,834	
Student Affairs	Student Affairs	Granados M.	Upward Bound NextGen 2018-2019 CSU, Fresno (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$272,173	\$16,739	\$288,912	
Student Affairs	Student Affairs	Reynoso	Upward Bound Classic - STEM additional funds	U.S. Department of Education (USDE)	\$37,660	\$2,340	\$40,000	
<b>Total Department Awards: 3</b>					<b>Totals</b>	<b>\$727,678</b>	<b>\$46,068</b>	<b>\$773,746</b>
Student Affairs	Student Support Services	Escamilla, E.	Regular Student Support Services (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$301,995	\$19,760	\$321,755	
Student Affairs	Student Support Services	Escamilla, E.	Veterans Student Support Services (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$226,330	\$15,806	\$242,136	
Student Affairs	Student Support Services	Vuong, M.	Summer Food Programs 2018	California Department of Education Nutrition Services	\$60,258	\$6,252	\$66,510	
Student Affairs	Student Support Services	Vuong, M.	Summer Food Programs 2019	California Department of Education Nutrition Services	\$51,306	\$5,313	\$56,619	
<b>Total Department Awards: 4</b>					<b>Totals</b>	<b>\$639,889</b>	<b>\$47,131</b>	<b>\$687,020</b>
Student Affairs	Talent Search	Robledo J.	Educational Talent Search Porterville 2018-2019 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$238,602	\$17,853	\$256,455	
Student Affairs	Talent Search	Robledo J.	Fresno State Educational Talent Search 2018-2019 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$324,087	\$24,691	\$348,778	
<b>Total Department Awards: 2</b>					<b>Totals</b>	<b>\$562,689</b>	<b>\$42,544</b>	<b>\$605,233</b>
<b>Totals:</b>					<b>\$4,313,291</b>	<b>\$241,372</b>	<b>\$4,554,663</b>	