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Research and Graduate Studies

**Office of Research and Sponsored Programs**

**Submissions and Awards Report**

**Fiscal Year**

**2019-2020**

Unit	Total Number of Submissions	Total Submitted Dollars with CARES	Total Submitted Dollars without CARES	Total Number of Awards	Total Awarded Dollars with CARES	Total Awarded Dollars without CARES
Academic Affairs	31	\$ 5,401,886	\$ 5,401,886	25	\$ 3,573,681	\$ 3,573,681
Administration	11	\$ 42,650,575	\$ 7,405,355	8	\$ 36,280,873	\$ 1,032,450
Jordan College of Agriculture and Science Technology	82	\$ 7,447,140	\$ 7,447,140	71	\$ 3,592,529	\$ 3,592,529
College of Arts & Humanities	34	\$ 1,021,923	\$ 1,021,923	20	\$ 248,987	\$ 248,987
Sid Craig School of Business	15	\$ 1,468,921	\$ 1,468,921	8	\$ 1,301,162	\$ 1,301,162
Kremen School of Education and Human Development	61	\$ 7,660,186	\$ 7,660,186	46	\$ 4,709,941	\$ 4,709,941
Lyles College of Engineering	47	\$ 6,050,507	\$ 6,050,507	27	\$ 2,645,528	\$ 2,645,528
Henry Madden Library	2	\$ 5,200	\$ 5,200	1	\$ 1,200	\$ 1,200
College of Health and Human Services	63	\$ 21,488,060	\$ 21,488,060	56	\$ 18,589,076	\$ 18,589,076
College of Science and Mathematics	116	\$ 13,568,550	\$ 13,568,550	60	\$ 6,091,525	\$ 6,091,525
College of Social Sciences	24	\$ 2,367,437	\$ 2,367,437	7	\$ 298,083	\$ 298,083
Student Affairs	20	\$ 4,711,160	\$ 4,711,160	18	\$ 4,673,027	\$ 4,673,027
<b>Totals:</b>	<b>503</b>	<b>\$ 113,841,545</b>	<b>\$ 78,596,325</b>	<b>347</b>	<b>\$ 82,005,613</b>	<b>\$ 46,757,190</b>

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

*\*Submission totals reflect only FY19-20 submissions.*

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

*\*Total Award includes \$35,248,423 of CARES Funding received.*

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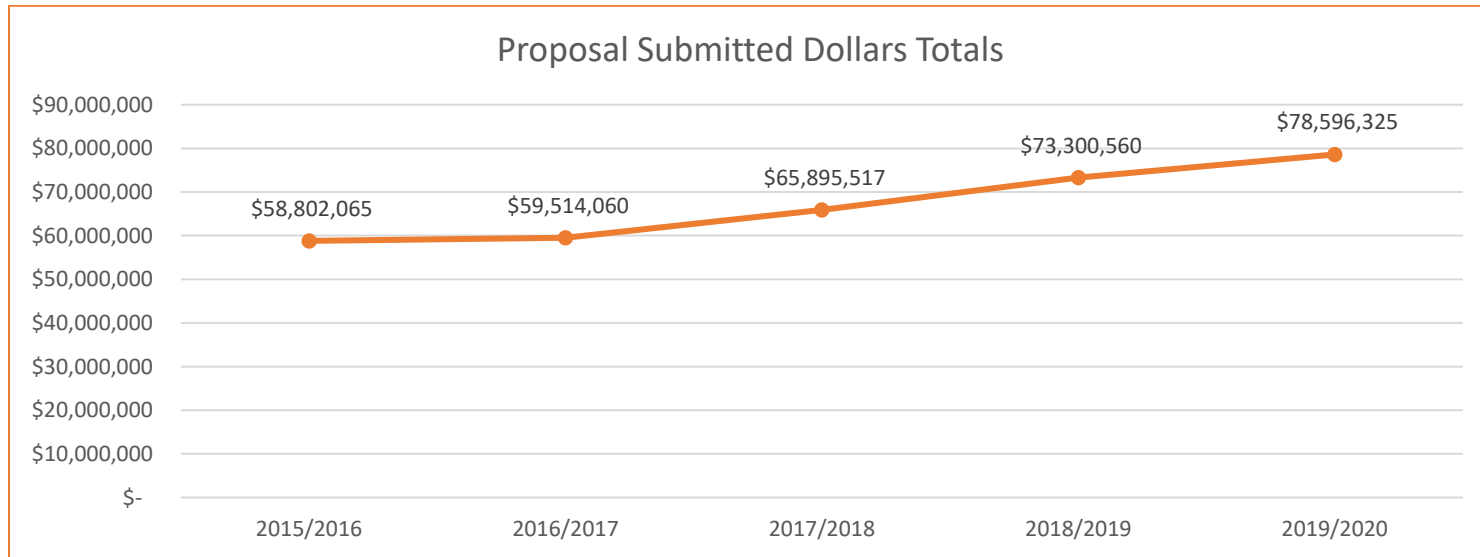
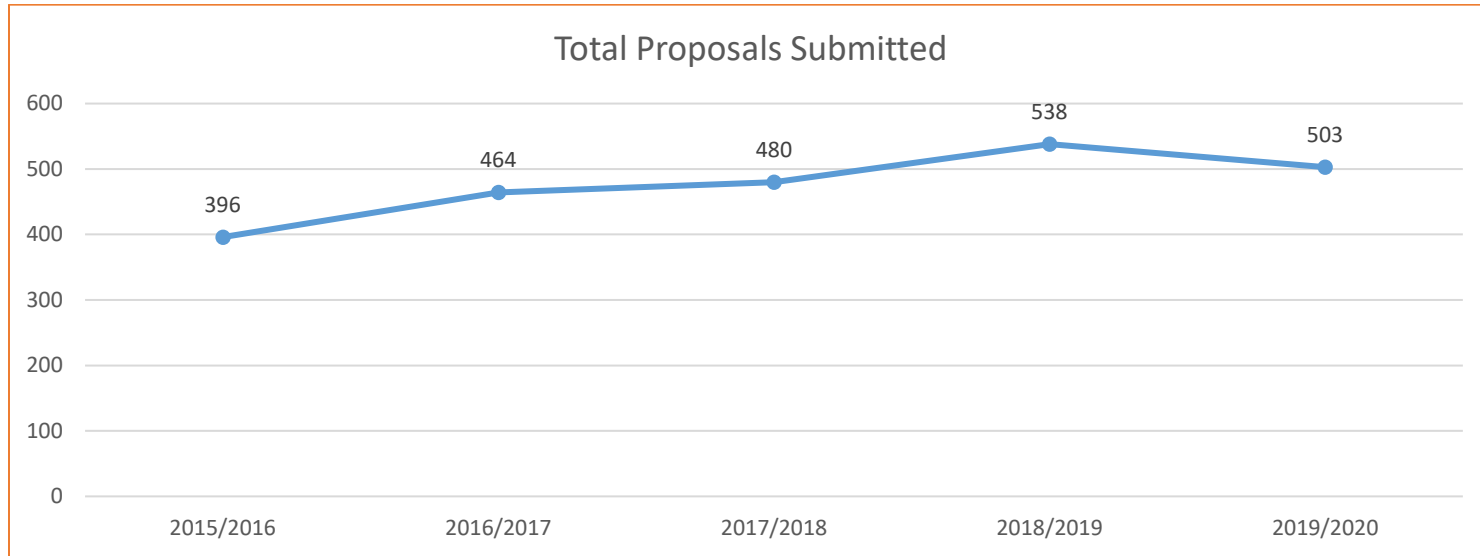
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# SUBMITTED PROPOSALS



# SUBMITTED PROPOSALS

## Academic Affairs

### Academic Affairs Submitted Proposals: 31

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Academic Affairs	Provost's Office	Jimenez-Sandoval, S./Alamillo, L./ Lopez D. P.	Ensenamos en el Valle Central (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$749,970.00	\$0.00	\$749,970.00	
Academic Affairs	Provost's Office	Jimenez-Sandoval, S.	STESSA: Improving STEM Teacher Education in High Schools in Egypt (Yr. 2 of 5)	USAID (Passthrough funding the 21st Century Partnership)	\$168,159.00	\$31,950.00	\$200,109.00	
Academic Affairs	Provost's Office	Jimenez-Sandoval, S.	The Gathering: Launching a Native American Digital Repository	National Endowment for the Humanities (NEH)	\$35,406.00	\$14,162.00	\$49,568.00	
Academic Affairs	Provost's Office	Jimenez-Sandoval, S./Calderon-Urrea, A./Quiroz, B./Rocca, S.	Finish in Five: Launching "4 + 1" Bachelor's-Master's Degrees (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$395,257.00	\$0.00	\$395,257.00	
Academic Affairs	Provost's Office	Jimenez-Sandoval, S./Calderon-Urrea, A./Quiroz, B./Rocca, S.	STEAM: Enriched Pathways (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$599,972.00	\$0.00	\$599,972.00	
Academic Affairs	Provost's Office	Jimenez-Sandoval, S./ Olson-Buchanan J./Avalos A.	Southeast Asian ("SEA") Student Success (Yr. 1 of 5)	U.S. Department of Education (USDE) (AANAPIS)	\$400,000.00	\$0.00	\$400,000.00	
<b>Total Department Submitted Proposals: 6</b>					<b>Total Department Submitted:</b>	<b>\$2,348,764.00</b>	<b>\$46,112.00</b>	<b>\$2,394,876.00</b>
Academic Affairs / Soc Sci	Provost's Office / Dean	DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$163,151.00	\$0.00	\$163,151.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Fresno (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Stanislaus (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of San Joaquin (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Merced (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Kern (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Kings (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Madera (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Tulare (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Herrera, I.	EDA University 2019-2020 (Yr. 3 of 5)	EDA (Passthrough CSU, Chico)	\$66,795.00	\$12,691.00	\$79,486.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Ecosystem of Shared Mobility Services in the San Joaquin Valley	Sigala Incorporated	\$21,849.00	\$4,151.00	\$26,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X.	Fresno State Small Business University: Agricultural Advancement Program (Yr. 1 of 3)	U.S. Department of Agriculture (USDA)	\$154,252.00	\$15,425.00	\$169,677.00	
Academic Affairs	Provost's Office/OCED	Fu, X./ Herrera, I.	San Joaquin Valley Rural Development Center: Fresno State Small Business University	California Governor's Office of Business and Economic Development	\$40,000.00	\$0.00	\$40,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Herrera, I.	Emerging Small Businesses - Technical Assistance Training Program Taft Emerging Small Business	U.S. Department of Agriculture (USDA)	\$40,000.00	\$0.00	\$40,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X.	Fresno State Parent University	Charter Communications	\$45,455.00	\$4,545.00	\$50,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	Fresno State Call Center	California Public Utilities Commission (CPUC)	\$695,652.00	\$104,348.00	\$800,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	Parent University 2020 - Mendota	Mendota Unified School District	\$6,522.00	\$978.00	\$7,500.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	Fresno State Call Center - CASF - Adoption	California Public Utilities Commission (CPUC)	\$487,500.00	\$0.00	\$487,500.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	San Joaquin Valley Regional Broadband Consortium 2020-2022 (Yr. 1 of 3)	California Public Utilities Commission (CPUC)	\$126,050.00	\$23,950.00	\$150,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	EDA UC CARES ACT	California State University, Chico (Passthrough) EDA	\$126,050.00	\$23,950.00	\$150,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	Parent University 2020 - Coalinga-Huron	Coalinga-Huron Unified School District	\$13,045.00	\$1,955.00	\$15,000.00	
<b>Total Department Submitted Proposals: 21</b>					<b>Total Department Submitted:</b>	<b>\$2,272,385.00</b>	<b>\$191,993.00</b>	<b>\$2,464,378.00</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. 2 of 5)	National Science Foundation (NSF)	\$30,215.00	\$12,086.00	\$42,301.00	
Academic Affairs	Research and Graduate Studies	Marshall, J./Byers, M.	Fresno State McNair Program 2019-2020 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$284,347.00	\$19,292.00	\$303,639.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$314,562.00</b>	<b>\$31,378.00</b>	<b>\$345,940.00</b>
Academic Affairs	Richter Center	Fiorentino, M./ Dion, N.	Jumpstart FY 17-18 Private Funding	Jumpstart	\$18,000.00	\$569.00	\$18,569.00	
Academic Affairs	Richter Center	Fiorentino, M./ Dion, N.	Jumpstart FY 19-20 CNCS Funding)	Jumpstart (CNCS Passthrough)	\$172,667.00	\$5,456.00	\$178,123.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$190,667.00</b>	<b>\$6,025.00</b>	<b>\$196,692.00</b>
<b>Totals:</b>					<b>\$5,126,378.00</b>	<b>\$275,508.00</b>	<b>\$5,401,886.00</b>	

# Administration

Administration Submitted Proposals: 11								
School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Admin	Administration	Adishian-Astone, D.	Higher Education Emergency Relief Fund (CARES - Institutional Aid)	U.S. Department of Education (USDE)	\$16,401,504.00	\$0.00	\$16,401,504.00	
Admin	Administration	Adishian-Astone, D.	Higher Education Emergency Relief Fund (CARES - Student Aid)	U.S. Department of Education (USDE)	\$16,401,504.00	\$0.00	\$16,401,504.00	
Admin	Administration	Adishian-Astone, D.	Higher Education Emergency Relief Fund-Minority Serving Institutions	U.S. Department of Education (USDE)	\$2,442,212.00	\$0.00	\$2,442,212.00	
<b>Total Department Submitted Proposals: 3</b>					<b>Total Department Submitted:</b>	<b>\$35,245,220.00</b>	<b>\$0.00</b>	<b>\$35,245,220.00</b>
Admin	Office of The President	Castro, Joseph	Fresno K-16 Collaborative	College Futures Foundation	\$409,549.00		\$409,549.00	
Admin	Office of The President	Castro, Joseph / Adishian- Astone, D.	OPR - Fresno K-16 Collaborative	California Governor's Office of Planning and Research	\$5,650,000.00	\$296,625.00	\$5,946,625.00	
Admin	Office of The President	Salinas, L.	California Complete Count - Census 2020	CSU Chancellor's Office	\$16,731.00	\$0.00	\$16,731.00	
Admin	Office of The President /Central Valley Higher Education Consortium (CVHEC)	Duran, B.	Central Valley Promise Initiative - Amendment to Yr. 1	State Center Community College District (SCTCD) - (State of California Passthrough)	\$12,875.00	\$1,030.00	\$13,905.00	
<b>Total Department Submitted Proposals: 4</b>					<b>Total Department Submitted:</b>	<b>\$6,089,155.00</b>	<b>\$297,655.00</b>	<b>\$6,386,810.00</b>
Admin	President's Office/CVHEC	Duran, B.	The Fresno talent Hub (Year 3 of 3)	Fresno Compact	\$64,860.00	\$5,640.00	\$70,500.00	
Admin	President's Office/CVHEC	Duran, B.	Central/Mother Lode Regional Consortium 2019-20	State Center Community College District (SCTCD)	\$18,000.00	\$0.00	\$18,000.00	
Admin	President's Office/CVHEC	Duran, B.	CVHEC Backbone	College Futures Foundation	\$694,444.00	\$55,556.00	\$750,000.00	
Admin	President's Office/CVHEC	Duran B.	Central Valley Guided Pathways - (Year 3 of 4)	Chabot-Las Positas Community College District	\$166,708.00	\$13,337.00	\$180,045.00	
<b>Total Department Submitted Proposals: 4</b>					<b>Total Department Submitted:</b>	<b>\$944,012.00</b>	<b>\$74,533.00</b>	<b>\$1,018,545.00</b>
<b>Totals:</b>					<b>\$42,278,387.00</b>	<b>\$372,188.00</b>	<b>\$42,650,575.00</b>	

# Jordan College of Agriculture and Science Technology

## Jordan College of Agriculture and Science Technology Submitted Proposals: 82

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted
Ag	Ag Business	Levi, A./Liang, J.	Putting Phenotypic and Genotypic Tools to Work for Improving Walnut Rootstocks (Yr. 2 of 4)	UC Riverside (Prime: USDA NIFA)	\$16,916.00	\$4,736.00	\$21,652.00
Ag	Ag Business	Asci, S./ Konduru, S.	Economic Impact Analysis for Pesticide Regulations by Ca-DPR (Yr. 3 of 3)	Department of Pesticide Regulation	\$11,600.00	\$2,900.00	\$14,500.00
Ag	Ag Business	Konduru, S./ Pao, S./ Balaji, S.	Pathways in Undergraduate Education for Multicultural Scholars with Collaboration Between Fresno State and Madera Community College Center (Yr. 1 of 5)	U.S. Department of Agriculture (USDA) NIFA	\$196,000.00	\$0.00	\$196,000.00
Ag	Ag Business/Plant Science	Lone, T	Using Drainage Water to Grow Water an Alternative Salt and Boron Tolerant Crop Guayule that Produces Natural Latex and Resin for the West Side of the San Joaquin Valley in Central California	California Department of Water Resources (CDWR)	\$90,987.00	\$4,549.00	\$95,536.00
<b>Total Department Submitted Proposals: 4</b>					<b>\$315,503.00</b>	<b>\$12,185.00</b>	<b>\$327,688.00</b>
Ag	Animal Sciences and Agricultural Education	Tarrant, K./Shinn, S.	Evaluating Environmental Enrichment Structure Design and Implementation for Conventionally-Raised Broiler Chickens (Yr. 2 of 3)	Agricultural Research Institute (ARI)	\$120,000.00	\$0.00	\$120,000.00
Ag	Animal Sciences and Agricultural Education	Tarrant, K.	Evaluation of Broiler Health Utilizing Activated Barn Fresh Natural Ammonia Control (ABF) on Multi-Flock Litter	Absorbant Products, Ltd.	\$37,200.00	\$3,720.00	\$40,920.00
Ag	Animal Sciences and Agricultural Education	Vaughn, R.	Charles Parker Office Support Contract No. CN190086 (Yr. 1 of 2)	California Department of Education (CDE)	\$12,963.00	\$1,037.00	\$14,000.00
Ag	Animal Sciences and Agricultural Education	Culbertson, A.	Ag Discovery Virtual Summer Enrichment Program 2020	U.S. Department of Agriculture (USDA)	\$42,273.00	\$4,227.00	\$46,500.00
Ag	Animal Sciences and Agricultural Education	Thompson, K.	Fresno State Dairy Automated Milking System: Moving Boldly Into The Future (Yr. 1 of 3) ]	U.S. Department of Agriculture (USDA)	\$447,173.00	\$0.00	\$447,173.00
Ag	Animal Sciences and Agricultural Education	Thompson, K./ Pheasant, S.	Cochran Fellowship - U.S. Management Practices in Dairy and Livestock Operations for Egypt and Jordan 2020]	U.S. Department of Agriculture (USDA) (Cochran Fellowship)	\$82,848.00	\$4,789.00	\$87,637.00
<b>Total Department Submitted Proposals: 6</b>					<b>\$742,457.00</b>	<b>\$13,773.00</b>	<b>\$756,230.00</b>
Ag	CFCS	Hammons, A.	Improving the Health of Hispanic Children and their Families with a Community (Yr. 4 of 4)	University of Illinois (USDA)	\$25,919.00	\$17,279.00	\$43,198.00
<b>Total Department Submitted Proposals: 1</b>					<b>\$25,919.00</b>	<b>\$17,279.00</b>	<b>\$43,198.00</b>
Ag	Child and Family Science	Rickman, A.	Youth Media Lab ("YouMe Lab")	California Humanities	\$4,545.00	\$455.00	\$5,000.00
<b>Total Department Submitted Proposals: 1</b>					<b>\$4,545.00</b>	<b>\$455.00</b>	<b>\$5,000.00</b>
Ag	CIT	Zoldoske D.	Central Valley Regional Innovation Cluster (aka BlueTech Valley Energy Cluster) (Yr. 5 of 5)	California Energy Commission (CEC)	\$151,328.00	\$30,226.00	\$181,554.00
Ag	CIT	Ashkan, S./Sethuramasamyraja, B.	Pistachio Plant-Based Irrigation Scheduling (Yr. 2 of 2)	Agricultural Research Institute (ARI)	\$38,562.00	\$0.00	\$38,562.00
Ag	CIT	Vang, K./Moreno, J.	Developing a Mobile Decision Support Nitrate Sampling and Monitoring System (Yr. 2 of 3)	Agricultural Research Institute (ARI)	\$42,432.00	\$0.00	\$42,432.00
Ag	CIT	Ashkan, S./Sethuramasamyraja, B./ Brar G.	Crop Water Stress Index for Precision Irrigation Scheduling of Pistachio Trees (Yr. 2 of 3)	California Department of Food and Agriculture (CDFA)	\$69,027.00	\$5,252.00	\$74,279.00
Ag	CIT	Green, S./Ashkan, S.	Developing a Formal Plan for Research as the Result of the Groundwater Management (Yr. 2 of 2)	U.S. Department of Agriculture (USDA)	\$8,257.00	\$3,303.00	\$11,560.00
Ag	CIT	Petersen, H./Francis, B.	Central Valley Regional Innovation Investment Fund (Yr. 2 of 3)	U.S. Economic Development Administration	\$83,758.00	\$16,752.00	\$100,510.00
Ag	CIT	Vang, K./Green, B.	Site Specific Decision Support Irrigation Application Development (Yr. 1 of 5)	U.S. Department of Agriculture (USDA) - AFRI	\$75,417.00	\$22,625.00	\$98,042.00
Ag	CIT	Vang, K./Moreno, J.	Utilization of an Autonomous Unmanned Aerial Vehicle for Irrigation Scheduling (Yr. 1 of 4)	U.S. Department of Agriculture (USDA) - AFRI	\$384,555.00	\$115,367.00	\$499,922.00
Ag	CIT	Green, S.	RSA Acquisition for Goods and Services RSA # 58-2034-9-023	U.S. Department of Agriculture (USDA) - RSA	\$21,546.00	\$0.00	\$21,546.00
Ag	CIT	Green, S.	Acquisition for Goods and Services (Additional Funds) RSA #58-2034-9-018 Amendment 1	U.S. Department of Agriculture (USDA) - ARS	\$22,715.00	\$2,272.00	\$24,987.00
Ag	CIT	Zoldoske, D./Vang, K.	Irrigation Innovation Consortium - Base Project (Year 2 of 5)	Colorado State University (USDA FFA Passthrough)	\$54,000.00	\$6,000.00	\$60,000.00
Ag	CIT	Vang, K./Moreno, J.	Comparative analysis of water savings between Weather Controllers and Soil Moisture based controllers (Yr. 1 of 3)	Agricultural Research Institute (ARI) - Campus	\$226,842.00	\$0.00	\$226,842.00
Ag	CIT	Green, S.	RSA Acquisition for Goods and Services RSA # 58-2034-9-018 Amendment 2	U.S. Department of Agriculture (USDA) - RSA (Passthrough from California Table Grape Commission)	\$11,788.00	\$0.00	\$11,788.00
Ag	CIT	Ashkan, S./ Hillier, C.	A Comprehensive Comparison of Irrigation Scheduling Methods (Yr. 1 of 3)	U.S. Department of Agriculture (USDA)	\$75,917.00	\$30,367.00	\$106,284.00
Ag	CIT	Petersen, H./Hillier, C.	The Water Technology, Advisory, Venture Support, Efficiency and Sustainability Program (WAVES) (Yr. 1 of 3)	U.S. Department of Commerce	\$168,131.00	\$30,300.00	\$198,431.00
Ag	CIT	Hillier, C./Vang, K./Green, W.	Advanced Pumping Efficiency Program VII (additional funds) CW19528	Pacific Gas and Electric Company (PG&E)	\$315,946.00	\$91,942.00	\$407,888.00
Ag	CIT	Hillier, C./Canessa, P./Green, W.	Advanced Pumping Efficiency Program VII (Testers) CW19539	Pacific Gas and Electric Company (PG&E)	\$297,000.00	\$0.00	\$297,000.00
<b>Total Department Submitted Proposals: 17</b>					<b>\$2,047,221.00</b>	<b>\$354,406.00</b>	<b>\$2,401,627.00</b>
Ag	CWI	Esqueda T./ Ramos, L.	Project Support for the California Water Institute]	Heron Foundation	\$47,619.00	\$2,381.00	\$50,000.00
Ag	CWI	Esqueda T./ Ramos, L.	B Corporation Certification Process	Woolf Farming	\$30,000.00	\$0.00	\$30,000.00
Ag	CWI	Esqueda T./ Green, S.	Sigma Facilitation Support Services Implementation Service Plan	Stantec Consulting Services Inc. (Passthrough- California Department of Water Resources (CDWR))	\$26,568.00	\$2,657.00	\$29,225.00
<b>Total Department Submitted Proposals: 3</b>					<b>\$104,187.00</b>	<b>\$5,038.00</b>	<b>\$109,225.00</b>
Ag	Family and Consumer Sciences	Dilbeck, N.	Family Consumer Sciences Curriculum and Professional Development	California Department of Education (CDE)	\$200,000.00	\$50,000.00	\$250,000.00
<b>Total Department Submitted Proposals: 1</b>					<b>\$200,000.00</b>	<b>\$50,000.00</b>	<b>\$250,000.00</b>

Ag	Food Science and Nutrition	Pao/Ferris	Multicultural Scholars Program (Yr. 5 of 5)	CSU Stanislaus (USDA)	\$18,000.00	\$0.00	\$18,000.00	
Ag	Food Science and Nutrition	Dormedy, E	Developing a Generation of Agricultural Change Agents (Yr. 3 of 3)	Texas Tech (USDA)	\$15,969.00	\$6,388.00	\$22,357.00	
Ag	Food Science and Nutrition	Licon, C./Pheasant, S.	Scientific Exchanges Fellowship Program - Pilot Program at Fresno State (Yr. 1 of 2)	US Department of Agriculture (USDA)	\$377,781.00	\$22,218.00	\$399,999.00	
Ag	Food Science and Nutrition	Licon, C./Pheasant, S.	From Cows to Neurons: A Binational Student Faculty Abroad Program	Partners of the Americas	\$24,286.00	\$714.00	\$25,000.00	
Ag	Food Science and Nutrition	Levitt, J./Pheasant, S.	Fresno State Transportation Institute (FTI) Research Grant - Outdoor Signs	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Ag	Food Science and Nutrition	Licon, C.	Using physiological and behavioral responses to uncover emotional associations to cheese aromas	Agricultural Research Institute (ARI) - Seed	\$9,991.00	\$0.00	\$9,991.00	
Ag	Food Science and Nutrition	Levitt, J./Pheasant/ Licon/Sommer	Enhancing Access and Availability of Student Produced Agricultural Products by Creating a Sustainable Community - Farm Market Communication and Outreach Interface (Yr. 1 of 2)	U.S. Department of Agriculture (USDA)	\$216,498.00	\$66,199.00	\$282,697.00	
Ag	Food Science and Nutrition	Licon, C./ Peroza, M./ Pheasant, S.	Characterization Of Food Volatiles By Stir Bar Sorptive Extraction (Sbse) Coupled With Gas Chromatography (Gc) - Tandem Mass Spectrometry (Ms) (Yr. 1 of 3) ¶	U.S. Department of Agriculture (USDA)	\$484,189.00	\$0.00	\$484,189.00	
Ag	Food Science and Nutrition	Levitt, J./Pheasant, S.	Cochran Fellowship - U.S. Cuisine and Culinary Arts for Burkina Faso, Mali, The Gambia, Senegal, and Guinea 2020	U.S. Department of Agriculture (USDA) (Cochran Fellowship)	\$58,867.00	\$3,436.00	\$62,303.00	
Ag	Food Science and Nutrition	Licon, C./ Peroza, M./ Pheasant, S.	U.S. Wine and Cheese Export Promotion for Burma Trade Shows Team 2020	U.S. Department of Agriculture (USDA) (Cochran Fellowship)	\$118,396.00	\$7,466.00	\$125,862.00	
Ag	Food Science and Nutrition	Licon, C./ Pheasant, S.	U.S Dairy Processing for Mexico, Latin America and the Caribbean Team 2020	U.S. Department of Agriculture (USDA) (Cochran Fellowship)	\$69,367.00	\$4,194.00	\$73,561.00	
<b>Total Department Submitted Proposals: 11</b>					<b>Total Department Submitted:</b>	<b>\$1,393,344.00</b>	<b>\$110,615.00</b>	<b>\$1,503,959.00</b>
Ag	IFA	Eryslan, B.	Enhancing Implementation and Efficiency of National Sanitary and Phytosanitary Capacity for the Republic of Georgia through Training (Yr. 2 of 2)	U.S. Department of Agriculture (USDA)	\$141,815.00	\$14,182.00	\$155,997.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$141,815.00</b>	<b>\$14,182.00</b>	<b>\$155,997.00</b>
Ag	Industrial Technology/CIT	Sethuramasamyraja/Yeasmin	ARI: Mitigation of Nitrate in Vegetable Crop Through Autonomous Feedback System (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$57,200.00	\$0.00	\$57,200.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$57,200.00</b>	<b>\$0.00</b>	<b>\$57,200.00</b>
Ag	Plant Science	Cassel-Sharma/Goorahoo	ARI: Crop Water Requirements for Onion Production in Semi-Arid Climates (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$49,811.00	\$0.00	\$49,811.00	
Ag	Plant Science	Cassel Sharma, F.	Calculation of On-Farm Crop Water Use Efficiency (Yr. 3 of 3)	CSU Monterey Bay	\$9,091.00	\$909.00	\$10,000.00	
Ag	Plant Science	Brar, G.	New Almond production systems research at CSU Fresno: High-density planting, rootstock evaluation and pruning responses trials (Yr. 2 of 2)	Agricultural Research Institute (ARI)	\$40,401.00	\$0.00	\$40,401.00	
Ag	Plant Science	Brar, G.	Overcoming citrus nursery growth issues by using Smart Lighting with Different Photoperiods (Yr. 2 of 2)	Agricultural Research Institute (ARI)	\$22,063.00	\$0.00	\$22,063.00	
Ag	Plant Science	Ellis, M.	Identification of Fusarium Wilt Populations in Cotton Fields and Pathogen Infection for Maintaining Sustainable Production in the USA (Yr. 2 of 2)	U.S. Department of Agriculture - ARS (USDA)	\$18,117.00	\$1,812.00	\$19,929.00	
Ag	Plant Science	Wenger, J.	USDA Non-Toxic Pest Control Systems with Artificial Intelligence (Yr. 1 of 2)	UC Merced (USDA AFRI Passthrough)	\$16,423.00	\$0.00	\$16,423.00	
Ag	Plant Science	Bushoven, J./Yeasmin, D.	Improving Water and Nitrogen Use Efficiency in Lettuce by Selecting for Root Characteristics (Yr. 1 of 3)	Cal Poly Pomona (Agricultural Research Institute (ARI) Passthrough)	\$29,321.00	\$0.00	\$29,321.00	
Ag	Plant Science	Brar, G.	Evaluation of Almond Rootstocks	Regents of the University of California	\$11,779.00	\$0.00	\$11,779.00	
Ag	Plant Science	Ellis, M.	Characterization and Interaction of Fusarium Oxysporum f. sp. Vasinfectum Races and Rhizoctonia Solani on Disease Development in Cotton (Yr. 2 of 2)	California Cotton Ginners & Growers Association	\$29,198.00	\$0.00	\$29,198.00	
Ag	Plant Science	Ellis, M.	Increasing Efforts in Research for Improving Management of Wilt and Seedling Diseases Impacting California Cotton (Lab Tech) (Yr. 1 of 3)	California Cotton Ginners and Growers Association	\$52,500.00	\$0.00	\$52,500.00	
Ag	Plant Science	Brar, G.	Cracking the Black-box Dormancy in Pistachios: Tracking Biochemical Changes in Inflorescence Buds from Dormancy to Bud Break (Yr. 2 of 3)	California Pistachio Research Board	\$82,788.00	\$0.00	\$82,788.00	
Ag	Plant Science	Benes, S./ Brillante, L.	Enhancing Subsurface Drainage Disposal and Sustainable Forage Productivity at the SJRIP Facility using State-of-the Art Remote Sensing Technologies (Yr. 1 of 2)	California Department of Water Resources (CDWR)	\$167,062.00	\$4,902.00	\$171,964.00	
Ag	Plant Science/CIT	Cassel Sharma	ARI: Forage Yield and Quality Under Irrigation with Produced Waters (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$49,377.00	\$0.00	\$49,377.00	
Ag	Plant Science/CIT	Goorahoo/Cassel Sharma/DeJean	ARI: Airjection Irrigation Impact on Oxidative Stress and Vegetables on Soil Nitrogen Cycle Gene Communities (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$61,995.00	\$0.00	\$61,995.00	
<b>Total Department Submitted Proposals: 14</b>					<b>Total Department Submitted:</b>	<b>\$639,926.00</b>	<b>\$7,623.00</b>	<b>\$647,549.00</b>
Ag	VERC	Gu, Sanliang	ARI: Using Internet of Things and Big Data Analytics to Improve Water Use... (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$30,000.00	\$0.00	\$30,000.00	
Ag	VERC	Van Zyl, S.	Sample Testing (Yr. 3 of 3)	Allied Grape Growers	\$13,044.00	\$1,956.00	\$15,000.00	
Ag	VERC	Sun, K.	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. 2 of 2)	Agricultural Research Institute (ARI)	\$25,000.00	\$0.00	\$25,000.00	
Ag	VERC	Pedroza, M./Licon, C./Cecotti, H./Shapiro, M.	Characterization of Emotions Evoked by Wine Odorants using Autonomic Nervous System Signals (EMOWINE) (Yr. 2 of 2)	Agricultural Research Institute (ARI)	\$26,900.00	\$0.00	\$26,900.00	
Ag	VERC	Van Zyl, S.	Grape Juice Samples & Analysis	Fetzer Vineyards	\$5,217.00	\$783.00	\$6,000.00	
Ag	VERC	Brillante, L.	Ecophysiological Characterization of Daou Mountain Terrior for Site-Specific Management (Yr. 1 of 3)	Daou Vineyards	\$78,748.00	\$11,812.00	\$90,560.00	
Ag	VERC	Van Zyl, S.	Sample Testing 2019-2020	Agajanian Vineyards & Wine Company	\$2,609.00	\$391.00	\$3,000.00	
Ag	VERC	Brillante, L.	Isotope Analysis on Grape Samples	Michael Wolf Vineyard Services	\$810.00	\$122.00	\$932.00	
Ag	VERC	Brillante L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Yr. 2 of 3)	American Vineyard Foundation (AVF)	\$49,437.00	\$0.00	\$49,437.00	
Ag	VERC	Brillante, L.	Physiological responses to grapevine salt stress and remediation by CaSO4 amendments in Central Valley of California (Yr. 1 of 2)	Agricultural Research Institute (ARI) - Campus	\$74,121.00	\$0.00	\$74,121.00	
Ag	VERC	Brillante, L.	Estimating grapevine water status at the regional scale through remote sensing and 13C analysis of grape musts	Agricultural Research Institute (ARI) Campus - Seed	\$10,000.00	\$0.00	\$10,000.00	
Ag	VERC	Van Zyl, S.	Calibrating spoilage effects in wine using analytic and sensorial data	California Winegrape Inspection Advisory Board	\$65,000.00	\$0.00	\$65,000.00	
Ag	VERC	Sun, K.	Evaluation of Berry Total Phenolics and Total Anthocyanin of Three Different Wine Grape Varieties in San Joaquin Valley (SV)	UC Agriculture & Natural Resources (AVF Passthrough)	\$3,000.00	\$0.00	\$3,000.00	
Ag	VERC	Sun, K.	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 (Year 2 of 2)	The Wine Group	\$13,043.00	\$1,957.00	\$15,000.00	



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 the San Joaquin Valley	Manda Fermentation Co.	\$21,552.00	\$3,448.00	\$25,000.00
Ag	VERC	Brillante L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Yr. 2 of 3)	American Vineyard Foundation (AVF)	\$49,437.00	\$0.00	\$49,437.00
Ag	VERC	Brillante L.	Control of Vine Mealybug (Planococcus ficus Signoret) in Organic Production (Year 1 of 2)	American Vineyard Foundation (AVF)	\$55,905.00	\$0.00	\$55,905.00
Ag	VERC	Brillante L.	Collocation of Solar Generation and Grape Production in Vineyards (Yr. 1 of 3) -- (Passthrough)	U.S. Department of Energy -- (UC Merced Passthrough)	\$53,982.00	\$21,593.00	\$75,575.00
Ag	VERC	Van Zyl, S.	The Effects of Foliar Applied Calcium Carbonate in Table Grapes - From Berry Formation to Post-Harvest Storage (Yr. 1 of 2)	Oro Agri, Inc.	\$4,348.00	\$652.00	\$5,000.00
Ag	VERC	Sommer, S.	Implementation of a Sustainable Wastewater Treatment and Recycling System for the University Agricultural Laboratory (Yr. 1 of 3) I	U.S. Department of Agriculture (USDA)	\$486,600.00	\$0.00	\$486,600.00
Ag	VERC	Van Zyl, S.	Sample Testing of Grape Juice (2020-2025) (Yr. 1 of 5)	Allied Grape Growers	\$75,000.00		\$75,000.00
Ag	VERC	Van Zyl, S.	Grape Juice Sample Testing 2019-2020 I	Agajanian Vineyards & Wine Company	\$2,609.00	\$391.00	\$3,000.00
<b>Total Department Submitted Proposals: 22</b>					<b>Total Department Submitted: \$1,146,362.00 \$43,105.00 \$1,189,467.00</b>		
					<b>Totals: \$6,818,479.00 \$628,661.00 \$7,447,140.00</b>		

# College of Arts & Humanities

## College of Arts & Humanities Submitted Proposals: 34

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted
Arts & Hum	Armenian Studies	Der Mugrddechian, B.	Amplifying Community: Recording the history of the San Joaquin Valley Armenian music production	California Humanities	\$4,390.00	\$439.00	\$4,829.00
Arts & Hum	Armenian Studies	Der Mugrddechian, B.	California Revealed: Amplifying Community Virtual Archive	California State Library	\$4,720.00	\$0.00	\$4,720.00
	<b>Total Department Submitted Proposals:</b>	<b>2</b>		<b>Total Department Submitted:</b>	<b>\$9,110.00</b>	<b>\$439.00</b>	<b>\$9,549.00</b>
Arts & Hum	Art & Design	Pelaez, G.	Urban Space and Architecture	National Endowment for the Humanities (NEH)	\$6,000.00	\$0.00	\$6,000.00
Arts & Hum	Art & Design	Pelaez, G.	Celebrating an Ephemeral King	Brown University	\$4,500.00	\$0.00	\$4,500.00
Arts & Hum	Art & Design	Pelaez, G.	Urban Space and Architecture in Bourbon Guanajuato and the Bajío Region	American Philosophical Society	\$4,796.00	\$0.00	\$4,796.00
Arts & Hum	Art & Design	Gordo-Pelaez, L.	Urban Space and Architecture in Bourbon Guanajuato and the Bajío Region (1741-1821)	American Society for Eighteenth-Century Studies	\$1,611.00	\$0.00	\$1,611.00
Arts & Hum	Art & Design	Huisinga, L./Pelaez, L./Cecotti, H.	Enhancing learning and assessments in art history with fully-immersive virtual reality (Yr. 1 of 2)	National Endowment for the Humanities (NEH)	\$47,201.00	\$9,340.00	\$56,541.00
	<b>Total Department Submitted Proposals:</b>	<b>5</b>		<b>Total Department Submitted:</b>	<b>\$64,108.00</b>	<b>\$9,340.00</b>	<b>\$73,448.00</b>
Arts & Hum	Art History	Noonsuk, W.	Japanese Art and Ceramic Traditions in Aichi Prefecture	The Japan Foundation	\$5,000.00	\$0.00	\$5,000.00
	<b>Total Department Submitted Proposals:</b>	<b>1</b>		<b>Total Department Submitted:</b>	<b>\$5,000.00</b>	<b>\$0.00</b>	<b>\$5,000.00</b>
Arts & Hum	Center for Creativity and the Arts (CCA)	Urrutia, C.	Major Exhibition Planning	McClatchy Foundation	\$30,510.00	\$0.00	\$30,510.00
	<b>Total Department Submitted Proposals:</b>	<b>1</b>		<b>Total Department Submitted:</b>	<b>\$30,510.00</b>	<b>\$0.00</b>	<b>\$30,510.00</b>
Arts & Hum	Dean	Chapman, H	Prison Arts Collective	Cal Arts (SDSU Passthrough)	\$49,996.00	\$12,499.00	\$62,495.00
Arts & Hum	Dean	Chapman, H	Retaining California State University, Fresno's 21st Century Humanists	National Endowment for the Humanities (NEH)	\$214,158.00	\$85,663.00	\$299,821.00
	<b>Total Department Submitted Proposals:</b>	<b>2</b>		<b>Total Department Submitted:</b>	<b>\$264,154.00</b>	<b>\$98,162.00</b>	<b>\$362,316.00</b>
Arts & Hum	English	Hernandez, M.	Mexicans and Mexican-ness in U.S. Visual Culture	National Endowment for the Humanities (NEH)	\$6,000.00	\$0.00	\$6,000.00
	<b>Total Department Submitted Proposals:</b>	<b>1</b>		<b>Total Department Submitted:</b>	<b>\$6,000.00</b>	<b>\$0.00</b>	<b>\$6,000.00</b>
Arts & Hum	Linguistics	Elvin, J.	Extended Reality in Language Learning	National Endowment for the Humanities (NEH)	\$26,087.00	\$3,913.00	\$30,000.00
Arts & Hum	Linguistics	Mann, L.	STARTALK Summer Korean Academy	National Security Agency (NSA)	\$41,615.00	\$4,162.00	\$45,777.00
Arts & Hum	Linguistics	Mann, Li	STARTALK Summer Chinese Academy	National Security Agency (NSA)	\$81,565.00	\$8,157.00	\$89,722.00
	<b>Total Department Submitted Proposals:</b>	<b>3</b>		<b>Total Department Submitted:</b>	<b>\$149,267.00</b>	<b>\$16,232.00</b>	<b>\$165,499.00</b>
Arts & Hum	Media, Communications, and Journalism	Therkelsen, J.	Fresno County Hall of Fame Interviews	Fresno County Athletic Hall of Fame	\$36,607.00	\$0.00	\$36,607.00
Arts & Hum	Media, Communications, and Journalism	Egan, C.	Kings Literacy Initiative Pact (KLIP) Video	John Corcoran Foundation	\$13,309.00	\$1,996.00	\$15,305.00
Arts & Hum	Media, Communications, and Journalism	Egan, C.	Pump Efficiency Video	UC Ag Extension	\$4,194.00	\$629.00	\$4,823.00
Arts & Hum	Media, Communications, and Journalism	Leuven, N.	Indigenous populations in North America	Carnegie Corporation of New York	\$65,443.00	\$0.00	\$65,443.00
Arts & Hum	Media, Communications, and Journalism	Higgins-Dobney, C.	PEG in peril? How losing access to community media stations could impact the education of journalists, storytellers, and media makers	Broadcast Education Association	\$1,000.00	\$0.00	\$1,000.00
Arts & Hum	Media, Communications, and Journalism	Egan, C.	Professional Development Web Videos	State Center Community College District (SCECCD)	\$2,753.00	\$413.00	\$3,166.00
	<b>Total Department Submitted Proposals:</b>	<b>6</b>		<b>Total Department Submitted:</b>	<b>\$123,306.00</b>	<b>\$3,038.00</b>	<b>\$126,344.00</b>
Arts & Hum	Modern and Classical Languages & Literatures	Morillo, M.	Don Quixote for All	California Humanities	\$4,500.00	\$500.00	\$5,000.00
Arts & Hum	Modern and Classical Languages and Literatures	Polegato, A.	International perception of WWII: Film Screening and Discussion	California Humanities	\$4,500.00	\$500.00	\$5,000.00
Arts & Hum	Modern and Classical Languages and Literatures	Polegato, A.	International Perception of WWII: Film Screening and Discussion	California Humanities	\$4,545.00	\$455.00	\$5,000.00
Arts & Hum	Modern and Classical Languages and Literatures	Polegato, A.	Italian Studies Program Support	Italian Cultural Institute of San Francisco	\$8,103.00	\$0.00	\$8,103.00
	<b>Total Department Submitted Proposals:</b>	<b>4</b>		<b>Total Department Submitted:</b>	<b>\$21,648.00</b>	<b>\$1,455.00</b>	<b>\$23,103.00</b>
Arts & Hum	Music	Briggs, M.	Third Fresno State Art Song Festival	California Humanities	\$4,545.00	\$455.00	\$5,000.00
	<b>Total Department Submitted Proposals:</b>	<b>1</b>		<b>Total Department Submitted:</b>	<b>\$4,545.00</b>	<b>\$455.00</b>	<b>\$5,000.00</b>

Arts & Hum	Philosophy	Howard, V.	Gandhi's Nonviolent Methods and His Global Influence	Uberoi Foundation	\$10,000.00	\$0.00	\$10,000.00	
Arts & Hum	Philosophy	Fiala, A.	Inclusive School Environments	Visalia Unified School District	\$9,937.00	\$1,063.00	\$11,000.00	
Arts & Hum	Philosophy	Howard, V.	Guru Nanak Symposium and Writing Project	Uberoi Foundation	\$1,500.00	\$0.00	\$1,500.00	
Arts & Hum	Philosophy	Howard, V.	Rev. James M. Lawson-A Biography: "There Must Be a Better Way" (Yr. 1 of 3)	National Endowment for the Humanities (NEH) (Collaborative Research)	\$57,245.00	\$15,456.00	\$72,701.00	
Arts & Hum	Philosophy	Fiala, A.	Religions of Peace: Formations of Principled Pacifism and Nonviolence in Modern Islam (Yr. 1 of 2)	UK Arts and Humanities Research Council (via University of Manchester)	\$28,953.00	\$0.00	\$28,953.00	
Arts & Hum	Philosophy	Keyser, V.	Tech-Based Visualizations of the Scientific Method: CUREs at the Intersection of Humanities and STEM	CSU Chancellor's Office (Stateside)	\$1,000.00	\$0.00	\$1,000.00	
Arts & Hum	Philosophy	Howard, V.	Reverend James M Lawson Jr: His Life and Legacy in the US Civil Rights Movement and the Ethics of Nonviolent Action	National Endowment for the Humanities (NEH)	\$60,000.00	\$0.00	\$60,000.00	
<b>Total Department Submitted Proposals: 7</b>					<b>Total Department Submitted:</b>	<b>\$168,635.00</b>	<b>\$16,519.00</b>	<b>\$185,154.00</b>
Arts & Hum	Theatre Arts	Sandi-Diaz, G.	Strengthening Latino/Latina/Latinx Leadership Through the Intersection of the Arts and Civic Engagement: A Cultural Organizing Fellowship Program	Pan Valley Institute	\$26,087.00	\$3,913.00	\$30,000.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$26,087.00</b>	<b>\$3,913.00</b>	<b>\$30,000.00</b>
<b>Totals:</b>					<b>\$872,370.00</b>	<b>\$149,553.00</b>	<b>\$1,021,923.00</b>	

# Sid Craig School of Business

Sid Craig School of Business Submitted Proposals: 15								
School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Craig School	Economics	Fan, Q./Liang, J./Jauregui, A.	Predicting Long-Term Benefits of Green Commercial Buildings Under Climate Change	RICS Research Trust	\$10,000.00	\$1,500.00	\$11,500.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$10,000.00</b>	<b>\$1,500.00</b>	<b>\$11,500.00</b>
Craig School	Finance and Business Law	Jauregui, A.	Real Estate and Land Use Institute	California State University	\$5,000.00	\$0.00	\$5,000.00	
Craig School	Finance and Business Law	Xia, H./Kwon, O.	Fresno State Transportation Institute (FSTI) Research Grant 2020	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$5,000.00</b>	<b>\$0.00</b>	<b>\$5,000.00</b>
Craig School	Lyles Center	Milevoj, E.	Sweet Potato Softskills Training	California Department of Food and Agriculture (CDFA) (via West Fresno Health Care Coalition)	\$13,707.00	\$855.00	\$14,562.00	
Craig School	Lyles Center	Milevoj, E.	Young Entrepreneurs Academy (YEA)	Central Unified School District	\$9,130.00	\$1,370.00	\$10,500.00	
Craig School	Lyles Center	Milevoj, E.	MUSD Migrant Program STEAM Tunnels	Merced County Office of Education	\$15,652.00	\$2,348.00	\$18,000.00	
Craig School	Lyles Center	Milevoj, E.	FUSD STEMS 5th Grade	Fresno Unified School District (FUSD)	\$334,782.00	\$50,217.00	\$384,999.00	
Craig School	Lyles Center	Milevoj, E.	FUSD Kids Invent! 6th Grade Program	Fresno Unified School District (FUSD)	\$453,913.00	\$68,087.00	\$522,000.00	
Craig School	Lyles Center	Milevoj, E.	FUSD Summer STEAM Tunnels	Fresno Unified School District (FUSD)	\$46,956.00	\$7,043.00	\$53,999.00	
Craig School	Lyles Center	Milevoj, E.	FUSD High School Program 2020-21	Fresno Unified School District (FUSD)	\$26,087.00	\$3,913.00	\$30,000.00	
Craig School	Lyles Center	Milevoj, E.	FCOE Summer 2020 STEAM Tunnels	Fresno County Superintendent of Schools (FCSS)	\$5,635.00	\$845.00	\$6,480.00	
<b>Total Department Submitted Proposals: 8</b>					<b>Total Department Submitted:</b>	<b>\$905,862.00</b>	<b>\$134,678.00</b>	<b>\$1,040,540.00</b>
Craig School	Management	Bommer, B./Milevoj, E.	Statewide Restraint Usage Surveys 2020-21	State of California - Office of Traffic Safety	\$227,465.00	\$37,502.00	\$264,967.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$227,465.00</b>	<b>\$37,502.00</b>	<b>\$264,967.00</b>
Craig School	Marketing and Logistics	Sarofim, S.	Fresno State Transportation Institute (FSTI) Research Grant 2020	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Craig School	Marketing and Logistics	Sarofim, S./Tawfik, A.	Communicating Safe Behavior Practices to Vulnerable Road Users (Yr. 1 of 3)	Transportation Research Board (via National Academy of Sciences, Engineering, and Medicine)	\$118,831.00	\$28,083.00	\$146,914.00	
Craig School	Marketing and Logistics	Sarofim, S.	Fresno State Transportation Institute (FSTI) Innovation Grant 2020	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
<b>Total Department Submitted Proposals: 3</b>					<b>Total Department Submitted:</b>	<b>\$118,831.00</b>	<b>\$28,083.00</b>	<b>\$146,914.00</b>
<b>Totals:</b>					<b>\$1,267,158.00</b>	<b>\$201,763.00</b>	<b>\$1,468,921.00</b>	

# Kremen School of Education and Human Development

## Kremen School of Education and Human Development Submitted Proposals: 61

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Education	C&I	Benninga, J./ Fiala, A.	Developing a Character Education Leadership Network	Kern Family Foundation	\$134,524.00	\$0.00	\$134,524.00	
Education	C&I	Yukhymenko, M.	Educating for Purpose through Mental Skills Training: A Pilot Program for Student-Athletes	National Collegiate Athletic Association (NCAA)	\$25,000.00	\$0.00	\$25,000.00	
Education	C&I	Wandeler, C./Hart, S.	The Central Valley Transportation Challenge	CSU Transportation Consortium (via San Jose State University, Mineta Transportation Institute)	\$68,667.00	\$6,333.00	\$75,000.00	
Education	C&I	Bohlin, C./Tuska, A./ Amarasinghe, R.	California Mathematics Project - CSMP State Funds 2020-21	University of California Office of the President (UCOP)	\$22,889.00	\$1,145.00	\$24,034.00	
Education	C&I	Bohlin, C.	California Mathematics Project - CSMP ESSA Funds 2020-21	University of California Office of the President (UCOP)	\$59,811.00	\$4,785.00	\$64,596.00	
Education	C&I	Wandeler, C./Hart, S.	Fresno State Transportation Institute (FSTI) Research Grant 2020	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Education	C&I	Bohlin, C.	Math and Science Teacher Initiative (MSTI) 2019-20	California State University	\$220,000.00	\$0.00	\$220,000.00	
Education	C&I	Bohlin C./ Tuska, A./ Amarasinghe, R.	CMP State One-Time Funding 2020-21	University of California Office of the President (UCOP)	\$36,190.00	\$1,810.00	\$38,000.00	
Education	C&I	Aguilera, E.	Understanding the Lived Educational Experiences of Urban & Rural Families During and Beyond Emergency Remote Teaching Transitions]	Spencer Foundation	\$50,000.00	\$0.00	\$50,000.00	
Education	C&I	Bohlin, C.	Teacher Recruitment Project (TRP) 2019-20	California State University	\$75,000.00	\$0.00	\$75,000.00	
<b>Total Department Submitted Proposals: 10</b>					<b>Total Department Submitted:</b>	<b>\$692,081.00</b>	<b>\$14,073.00</b>	<b>\$706,154.00</b>
Education	California Reading and Literature Project (CRLP)	Lopez, P./Walsh, N.	CRLP Results Foundational Skills Training 2019-20	Parlier Unified School District	\$49,225.00	\$4,922.00	\$54,147.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$49,225.00</b>	<b>\$4,922.00</b>	<b>\$54,147.00</b>
Education	CER	Lucey, C.	Sanctuary and Youth Services (2017-22) (Yr. 3 of 5)	Fresno Economic Opportunities Commission (FEOC)	\$66,000.00	\$0.00	\$66,000.00	
Education	CER	Pitt J.	Increasing the Supply of Vocational Rehab Counselors in the Great Valley and Beyond: Part II (Year 1 of 5)	U.S. Department of Education (USDE)	\$196,105.00	\$3,895.00	\$200,000.00	
Education	CER	Becton-Brown, A./ Lopez-Ortiz, S.	Wayfinders 2020-23 (Yr. 1 of 3)	Central Valley Regional Center (CVRC)	\$1,009,502.00	\$151,425.00	\$1,160,927.00	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - CVRC (2019-2020)	Central Valley Regional Center (CVRC)	\$484,942.27	\$30,953.76	\$515,896.03	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - East Bay (2019-2020)	East Bay Regional Center	\$214,102.81	\$13,666.14	\$227,768.95	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - San Andreas (2019-2020)	San Andreas Regional Center	\$105,895.46	\$6,759.30	\$112,654.76	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Golden Gate (2019-2020)	Golden Gate Regional Center	\$209,463.23	\$13,369.98	\$222,833.21	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Alta (2019-2020)	Alta Regional Center	\$231,034.13	\$14,746.87	\$245,781.00	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Valley Mountain Regional Center (2019-2020)	Valley Mountain Regional Center	\$380,050.69	\$24,258.56	\$404,309.25	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Far Northern Regional Center (2019-2020)	Far Northern Regional Center	\$58,806.41	\$3,753.62	\$62,560.03	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Tri County (2019-2020)	Tri County Regional Center	\$139,445.03	\$8,900.75	\$148,345.78	
Education	CER/CGE	Becton A./Lopez-Ortiz S.	Wayfinders (Year 5 of 5)	U.S. Department of Education (USDE)	\$453,563.00	\$36,285.00	\$489,848.00	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - San Gabriel/ Pomona	San Gabriel/Pomona County	\$47,734.00	\$3,046.00	\$50,780.00	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - North Bay	North Bay	\$4,416.95	\$281.93	\$4,698.88	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Kern Regional Center	Kern Regional Center	\$108,855.52	\$6,429.52	\$115,285.04	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Inland Regional Center	Kern Regional Center	\$105,369.26	\$6,219.76	\$111,589.02	
Education	CER/CGE	Becton, A./Lopez-Ortiz, S.	Wayfinders	Anonymous	\$246,250.00	\$3,750.00	\$250,000.00	
Education	CER/CGE	Lucey, C.	Fresno Family Counseling Center	Fresno County Superintendent of Schools (FCSS)	\$8,227.00	\$773.00	\$9,000.00	
<b>Total Department Submitted Proposals: 18</b>					<b>Total Department Submitted:</b>	<b>\$4,069,762.76</b>	<b>\$328,514.19</b>	<b>\$4,398,276.95</b>
Education	Community Based Learning	Price, S.	MUREP Aerospace Academy (Yr. 2 of 2)	National Aeronautics and Space Administration (NASA)	\$150,463.00	\$12,037.00	\$162,500.00	
Education	Community Based Learning	Price, S.	Regional STEM Hub (2020-21)	Fresno County Superintendent of Schools (FCSS)	\$40,000.00	\$0.00	\$40,000.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$190,463.00</b>	<b>\$12,037.00</b>	<b>\$202,500.00</b>
Education	Dean	Marshall	Ticket-to-Work and Self-Sufficiency Program (2019-2020)	Social Security Administration	\$57,335.18	\$3,521.82	\$60,857.00	
Education	Dean	Alamillo, L./Aguilera, E./Lopez, A.	Charting a Course for Classified Employees (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$586,931.00	\$0.00	\$586,931.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$644,266.18</b>	<b>\$3,521.82</b>	<b>\$647,788.00</b>
Education	Ed Leadership	Hernandez, I.	Participation-Contingent Financial Aid Programs at U.S. Regional Comprehensive Universities (Yr. 1 of 4)	Spencer Foundation (via University of Denver)	\$25,410.00	\$3,811.00	\$29,221.00	
Education	Ed Leadership	Gonzalez, Juan-Carlos/ Fu / Hernandez	Validation of a Social Emotional Health Measure Predictive of Persistence and Progress through Postsecondary Education	U.S. Department of Education (USDE)	\$26,141.00	\$10,456.00	\$36,597.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$51,551.00</b>	<b>\$14,267.00</b>	<b>\$65,818.00</b>
Education	Internship Program	Price, S.	Regional STEM Hub (2019-20)	Fresno County Superintendent of Schools (FCSS)	\$40,000.00	\$0.00	\$40,000.00	
Education	Internship Program	Price, S.	GenCyber Secure the Air Summer Camp	National Security Agency (NSA)	\$58,804.00	\$10,498.00	\$69,302.00	

<b>Total Department Submitted Proposals: 2</b>				<b>Total Department Submitted:</b>	<b>\$98,804.00</b>	<b>\$10,498.00</b>	<b>\$109,302.00</b>
Education	Liberal Studies	Nelson F.	Western Regional Noyce Alliance (Yr. 3 of 3, Amd. 2)	National Science Foundation (NSF) (via SFSU)	\$23,928.00	\$6,072.00	\$30,000.00
Education	Liberal Studies	Godfrey,K./ Nelson F.	CRC Administrative Strong Workforce Program Funding	State Center Community College District (SCCCD)	\$10,000.00	\$0.00	\$10,000.00
<b>Total Department Submitted Proposals: 2</b>				<b>Total Department Submitted:</b>	<b>\$33,928.00</b>	<b>\$6,072.00</b>	<b>\$40,000.00</b>
Education	Literacy, Early, Bilingual & Special Education	Macias, C.	Using Native Ornamental Plants for a Living Fence	Stanley Smith Horticultural Trust	\$25,000.00	\$0.00	\$25,000.00
Education	Literacy, Early, Bilingual & Special Education	Wu, P.	The Implementation and Impact of the Cycle of Enhancing STEM Readiness (CESR) for Early Childhood Education (ECE) Teachers (Yr. 1 of 4)	National Science Foundation (NSF)	\$405,969.00	\$162,388.00	\$568,357.00
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	San Joaquin Valley Writing Project -CSMP (State) Funds 2020-2021	University of California Office of the President (UCOP)	\$53,510.00	\$2,675.00	\$56,185.00
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	San Joaquin Valley Writing Project - Supplemental Funding Application 2020-22 (Yr. 1 of 2)	University of California Office of the President (UCOP)	\$66,357.00	\$3,318.00	\$69,675.00
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	San Joaquin Valley Writing Project -ESSA (Federal) Funds 2020-2021	University of California Office of the President (UCOP)	\$36,187.00	\$2,895.00	\$39,082.00
Education	Literacy, Early, Bilingual & Special Education	Horsley, H./ Coy, Kimberly	Teacher Residency Program- Year 6 (2019-20)	Fresno Unified School District (FUSD)	\$41,667.00	\$3,333.00	\$45,000.00
Education	Literacy, Early, Bilingual & Special Education	Horsley, H.	FUSD Teacher Residency Program	Fresno Unified School District (FUSD)	\$23,148.00	\$1,852.00	\$25,000.00
Education	Literacy, Early, Bilingual & Special Education	Herrera, L.	MUSD Teacher Residency Program	Madera Unified School District	\$24,890.00	\$2,489.00	\$27,379.00
Education	Literacy, Early, Bilingual & Special Education	Basurto, I./ Lopez, P.	Calif. Reading and Literature Project - CSMP (State) 2020-21	University of California Office of the President (UCOP)	\$30,255.00	\$1,513.00	\$31,768.00
Education	Literacy, Early, Bilingual & Special Education	Huerta, T.	Central Calif. World Language Project - CSMP State Funds - 2020-21	University of California Office of the President (UCOP)	\$16,667.00	\$833.00	\$17,500.00
Education	Literacy, Early, Bilingual & Special Education	Huerta, T.	Central Calif. World Language Project - CSMP/ESSA (Federal) - 2020-21	University of California Office of the President (UCOP)	\$35,082.00	\$2,807.00	\$37,889.00
Education	Literacy, Early, Bilingual & Special Education	Herrera, L.	MUSD Teacher Residency Program	Madera Unified School District	\$26,034.00	\$2,603.00	\$28,637.00
Education	Literacy, Early, Bilingual & Special Education	Basurto, I./ Lopez, P.	California Reading and Literature Project - One Time Funding Application 2020-22	University of California Office of the President (UCOP)	\$23,810.00	\$1,190.00	\$25,000.00
Education	Literacy, Early, Bilingual & Special Education	Basurto, I./ Lopez, P.	Calif. Reading and Literature Project - ESSA (Federal) 2020-21	University of California Office of the President (UCOP)	\$40,396.00	\$3,232.00	\$43,628.00
<b>Total Department Submitted Proposals: 14</b>				<b>Total Department Submitted:</b>	<b>\$848,972.00</b>	<b>\$191,128.00</b>	<b>\$1,040,100.00</b>
Education	Welty Center	Boris, V.	Executive Coaching 2019-20	Fresno Unified School District (FUSD)	\$36,040.00	\$4,760.00	\$40,800.00
Education	Welty Center	Boris, V.	Internal Coherence Training - 2019-20	Twin Rivers Unified School District	\$112,600.00	\$12,400.00	\$125,000.00
Education	Welty Center	Boris, V.	Internal Coherence Training - 2019-20 (Amendment 1)	Twin Rivers Unified School District	\$8,191.00	\$809.00	\$9,000.00
Education	Welty Center	Boris, V.	Building Coherence in Our Schools - 2019-20	Dinuba Unified School District	\$27,195.00	\$2,705.00	\$29,900.00
Education	Welty Center	Boris, V.	Internal Coherence Training - 2019-20	Lindsay Unified School District	\$50,250.00	\$5,150.00	\$55,400.00
Education	Welty Center	Boris, V.	Math Learning Academy (Jefferson) - 2019-20	Lindsay Unified School District	\$48,977.00	\$5,023.00	\$54,000.00
Education	Welty Center	Boris, V.	CUSD School Climate Transformation	Clovis Unified School District	\$54,545.00	\$5,455.00	\$60,000.00
Education	Welty Center	Franks, M.	Clovis USD Positivity Project 2020	Clovis Unified School District (Passthrough)	\$20,000.00	\$2,000.00	\$22,000.00
<b>Total Department Submitted Proposals: 8</b>				<b>Total Department Submitted:</b>	<b>\$357,798.00</b>	<b>\$38,302.00</b>	<b>\$396,100.00</b>
<b>Totals:</b>				<b>\$7,036,850.94</b>	<b>\$623,335.01</b>	<b>\$7,660,185.95</b>	

# Lyles College of Engineering

## Lyles College of Engineering Submitted Proposals: 47

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Engrg	Civil and Geomatics Engrg	Tawfik	Fresno State Transportation Institute (Yr. 3 of 5)	Fresno Council of Governments	\$673,718.00	\$76,158.00	\$749,876.00	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Motor Mobile - Low Carbo Fuel Investments (Yr. 2 of 2)	California Energy Commission (CEC)	\$24,000.00	\$6,000.00	\$30,000.00	
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 (Yr. 2 of 2)	California Department of Food and Agriculture (CDFA)	\$237,500.00	\$47,500.00	\$285,000.00	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	San Joaquin Valley Electric Tractor Development and Demonstration (Yr. 2 of 3)	Project Clean Air	\$32,130.00	\$1,607.00	\$33,737.00	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Sustainable Transportation: Innovative Transportation Research for California... (SB1 Funding) (Yr. 3 of 3)	San Jose State University	\$131,740.00	\$18,260.00	\$150,000.00	
Engrg	Civil and Geomatics Engrg	Oka, L. / Van Laar T.	RUI: Investigating the Effect of Microbial Cementation on Volume Compressibility and Consolidation Parameters of Soil (Year 1 of 3)	National Science Foundation (NSF)	\$101,099.00	\$40,440.00	\$141,539.00	
Engrg	Civil and Geomatics Engrg	Stillmaker, K./ Nazari, M.	Second-Order Beam-Column Design and Strong-Column Weak-Girder (SCWC) Design	American Institute of Steel Construction (AISC)	\$9,637.00	\$0.00	\$9,637.00	
Engrg	Civil and Geomatics Engrg	Green, J.	Examining the Effects of Precision Scheduled Railroading on Intercity	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Engrg	Civil and Geomatics Engrg	Oka, L.	Smart Food for a Smart Climate: Sustainable Diet Education in California (Yr. 1 of 3)	CSU Dominguez Hills (passthrough California Strategic Growth Council)	\$21,118.00	\$5,280.00	\$26,398.00	
Engrg	Civil and Geomatics Engrg	Wright, W./Mizuno/ Longley	Optimization of Ion Exchange Pretreatment for the Desalination of Agricultural Drainage Water(Year 1 of 2)	California Department of Water Resources (CDWR)	\$166,799.00	\$7,240.00	\$174,039.00	
Engrg	Civil and Geomatics Engrg	Tawfik, A./ Wang, C.	Community Transportation Needs Assessment Voucher Program	State of California, Air Resource Board (Passthrough)	\$44,125.00	\$5,869.00	\$49,994.00	
Engrg	Construction Management	Wu, W.	EXP: Collaborative Research; Cultivating Apprenticeship Learning for Architecture, Engineering, and Construction Using Mixed Reality (Yr. 3 of 3)	National Science Foundation (NSF)	\$30,356.00	\$12,142.00	\$42,498.00	
Engrg	Construction Management	Wu, W. / Luo, V. / Polgar, S.	DTI: Technology-Enhanced and Community-Engaged Experiential Learning to Promote High School Students' STEM Career Interests & Preparedness (Yr. 1 of 4)	National Science Foundation (NSF)	\$417,735.00	\$167,094.00	\$584,829.00	
<b>Total Department Submitted Proposals: 13</b>					<b>Total Department Submitted:</b>	<b>\$1,889,957.00</b>	<b>\$387,590.00</b>	<b>\$2,277,547.00</b>
Engrg	Dean	Larralde-Muro, J.	National Internship 2019-2020	USDA Forest Service	\$16,171.00	\$2,426.00	\$18,597.00	
Engrg	Dean	Larralde-Muro, J.	CalFire Service Order - Stoppap	CalFire	\$7,417.00	\$1,854.00	\$9,271.00	
Engrg	Dean	Nunna, R./ Prieto, B.	MESA School Program 2019-2020	The Regents of University of California, Office of the President	\$171,429.00	\$8,571.00	\$180,000.00	
Engrg	Dean	Larralde-Muro, J./ Banerjee, S./ Laha, S./ Mehta, R./ Mouffak, Z.	Culturally Sustaining Practices for Biomedical Engineering Education Outreach (CSP4BIO) (Yr. 1 of 5)	National Science Foundation (NSF)	\$292,072.00	\$70,433.00	\$362,505.00	
Engrg	Dean	Orfi, N.	Gateway to Engineering (Yr. 1 of 2)	California's Office of Planning and Research	\$197,135.00	\$15,771.00	\$212,906.00	
Engrg	Dean	Mouffak, Z./ Banerjee, S.	Instilling Passion for Engineering through Research and Scholarship (IPERS)(Yr. 1 of 5)	National Science Foundation (NSF)	\$90,815.00	\$8,702.00	\$99,517.00	
Engrg	Dean	Larralde-Muro, J.	Student Assistant Support at California State University, Fresno (Year 1 of 4)	California Department of Forestry and Fire Protection	\$132,000.00	\$33,000.00	\$165,000.00	
<b>Total Department Submitted Proposals: 7</b>					<b>Total Department Submitted:</b>	<b>\$1,727,039.00</b>	<b>\$220,757.00</b>	<b>\$1,947,796.00</b>
Engrg	Electrical and Computer Engrg	Wang, N. / Na, W.	NeTS:Small;RUI; Bulldog Mote - Low Power Sensor Node and Design Methodologies (Yr. 2 of 3)	National Science Foundation (NSF)	\$97,978.00	\$39,191.00	\$137,169.00	
Engrg	Electrical and Computer Engrg	Tayeb S. / Pirouz M.	Securing Connected Vehicles by Design	Comcast Innovations Funds	\$76,195.00	\$0.00	\$76,195.00	
Engrg	Electrical and Computer Engrg	Tayeb S.	CRII: NETS:RUI: Toward an Adaptive Framework to Secure the Internet of Vehicles by Design (Yr. 1 of 2)	National Science Foundation (NSF)	\$36,062.00	\$14,425.00	\$50,487.00	
Engrg	Electrical and Computer Engrg	Wang, N.	Smart Wearable Textile Sensor System for Exercise Clothes	Beijing Feiduo Technology Company, LTD	\$43,478.00	\$6,522.00	\$50,000.00	
Engrg	Electrical and Computer Engrg	El-Razuok, H.	SHF: Small: RUI: Power Analysis Resistant Hardware Accelerators for Versatile (GF 2m) Arithmetic Targeting Lightweight Cryptography Processors (Yr. 1 of 3)	National Science Foundation (NSF)	\$75,998.00	\$30,399.00	\$106,397.00	
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering Subcontract No. 1556698 Modification No. 00 (Yr. 3 of 5)	Jet Propulsion Laboratory (JPL)(NASA Passthrough)	\$93,571.00	\$37,429.00	\$131,000.00	
Engrg	Electrical and Computer Engrg	El-Razuok, H./Kulhandjian, H./Tayeb, S./Raesi, R./Clement, K.	CyberTraining:Pilot:Empowering Graduate Research in Central California Towards Secure Agriculture Cyber Infrastructure (Yr. 1 of 2)	National Science Foundation (NSF)	\$87,137.00	\$34,855.00	\$121,992.00	
Engrg	Electrical and Computer Engrg	Kulhandjian, H./El-Razuok, H./Stillmaker, A./Tayeb, S./Nia, M.	RUI: Empowering Undergraduate STEM Education in the Central Valley (Yr. 1 of 2)	National Science Foundation (NSF)	\$108,374.00	\$41,350.00	\$149,724.00	
Engrg	Electrical and Computer Engrg	Kulhandjian, H.	Detecting Driver Drowsiness with Multi-Sensor Data Fusion combined with Deep Learning	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Engrg	Electrical and Computer Engrg	Na, W./Wang, N.	Control and Monitoring of Fault Tolerant Smart CEVS	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Engrg	Electrical and Computer Engrg	Tayeb, S./Kim/Stillmaker/Raesi/Nia	Taming the Data in the Internet of Vehicles	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Engrg	Electrical and Computer Engrg	Kim, Y.	Drone Characterization 2020	Daegu Gyeongbuk Institute of Science and Technology (South Korea) (DGIST)	\$36,827.00	\$5,524.00	\$42,351.00	
Engrg	Electrical and Computer Engrg	Kim, Y.	Sensor Data Fusion 2020	Electronics and Telecommunications Research Institute (ETRI)	\$43,478.00	\$6,522.00	\$50,000.00	
Engrg	Electrical and Computer Engrg	Na, W.	Development of System-Level Simulations for a Real Time Hardware In the Loop Testing in Power and Energy Applications	US Department of Defense (DoD)	\$29,626.00	\$11,850.00	\$41,476.00	
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering (Modification No.10/ Sub No. 1556698)	Jet Propulsion Laboratory (JPL) (NASA Passthrough)	\$45,714.00	\$18,286.00	\$64,000.00	
Engrg	Electrical and Computer Engrg	Na, W.	Control of a Fault Tolerant Hybrid Power Converter System Simulation for Space Power Applications	National Aeronautics and Space Administration (NASA)	\$37,205.00	\$10,962.00	\$48,167.00	
Engrg	Electrical and Computer Engrg	Tayeb, S./ Kim, Y./ Stillmaker, A./ Tawfik, A/ Raesi, R./ Pirouz, M.	Securing the Internet Vehicles' Communications Backbone by Design	Transportation Research Board, part of the National Academy of Sciences, Engineering and Medicine.]]	\$71,428.00	\$28,571.00	\$99,999.00	
<b>Total Department Submitted Proposals: 17</b>					<b>Total Department Submitted:</b>	<b>\$883,071.00</b>	<b>\$285,886.00</b>	<b>\$1,168,957.00</b>
Engrg	Mechanical Engrg	Liang, Z.	RUI: Thermal Transport Across Liquid Gas Interfaces (Yr. 2 of 3)	National Science Foundation (NSF)	\$65,763.00	\$26,305.00	\$92,068.00	
Engrg	Mechanical Engrg	Hoskins, A.	Optimization Framework for Reconnaissance Data Collection by Maneuvering Satellites (Yr. 1 of 3)	US Department of Defense (Office of Naval Research)	\$113,085.00	\$45,234.00	\$158,319.00	
Engrg	Mechanical Engrg	Banerjee, S./ Nazari, M.	REU Site: Research Experiences in Advanced Materials and Smart Systems for Underrepresented Engineering Students (Yr. 1 of 3)	National Science Foundation (NSF)	\$101,800.00	\$17,120.00	\$118,920.00	

Engrg	Mechanical Engrg	Eldeeb, M.	Model Development and Analysis of Combustion Behavior of Second-Generation...	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Engrg	Mechanical Engrg	Xie, Y.	The Impact of Battery Degradation on Transportation Energy Consumption and Green...	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Engrg	Mechanical Engrg	Xie, Y.	Electrochemical Methanation of Carbon Dioxide via Proton Conducting Solid Oxide Electrolysis Cell Technology (Yr. 1 of 2)	University of South Carolina, Columbia (DOE passthrough)	\$62,085.00	\$24,834.00	\$86,919.00	
Engrg	Mechanical Engrg	Law, D.	Performance Measurement of a Small Footprint Refrigerant R245fa based External Combustion Heat Engine Prototype	American Society of Heating and Air-Conditioning Engineers	\$5,000.00		\$5,000.00	
Engrg	Mechanical Engrg	Liang, Z.	Fundamental Understanding of the Processes in the Knudsen Layer Near an Evaporating Surface (Yr. 1 of 3)	U.S. Department of Defense (DoD)	\$98,678.00	\$39,471.00	\$138,149.00	
Engrg	Mechanical Engrg	Xie, Y.	Eco-Manufacturing of Lithium Ion Battery for Electric Vehicles (Yr. 1 of 5)	National Science Foundation (NSF) Passthrough (CASE Western Reserve University)	\$29,509.00	\$11,804.00	\$41,313.00	
Engrg	Mechanical Engrg	Nguyen, T.	Design and Manufacturing of a Produce Sort Line 2019-2020	Central California Food Bank	\$13,495.00	\$2,024.00	\$15,519.00	
<b>Total Department Submitted Proposals: 10</b>					<b>Total Department Submitted:</b>	<b>\$489,415.00</b>	<b>\$166,792.00</b>	<b>\$656,207.00</b>
					<b>Totals:</b>	<b>\$4,989,482.00</b>	<b>\$1,061,025.00</b>	<b>\$6,050,507.00</b>



# Henry Madden Library

Henry Madden Library Submitted Proposals: 2								
School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Henry Madden Library	Research Services	Barnes, G./Cardenas, K./Pratt, M.	ALA Will Eisner Graphic Novel Growth Grant 2020	American Library Association (ALA)	\$ 4,000.00	\$ -	4,000.00	
Henry Madden Library	Research Services	Barnes, G.	Lift Every Voice	Library of America	\$ 1,200.00	\$ -	1,200.00	
Total Department Submitted Proposals: 2					Total Department Submitted:	\$5,200.00	\$0.00	\$5,200.00

# 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	
Hith & HS	CVHPI	DeRoo, D.	San Joaquin Public Health Consortium Planning Grant	The California Endowment	\$17,391.00	\$2,609.00	\$20,000.00	
Hith & HS	CVHPI	DeRoo, D.	San Joaquin Public Health Consortium Increasing Strategic Capacity Grant	The California Endowment	\$13,043.00	\$1,957.00	\$15,000.00	
Hith & HS	CVHPI	Bengiamin, M	Reducing Disparity Project Evaluation (Yr. 4 of 5)	West Fresno Family Resource Center	\$39,877.00	\$5,689.00	\$45,566.00	
Hith & HS	CVHPI	Capitman, J./Bengiamin, M.	Local Oral Health Evaluation Services (Yr. 2 of 3)	County of Fresno	\$43,478.00	\$6,522.00	\$50,000.00	
Hith & HS	CVHPI	Capitman, J.	Nutrition Education Obesity Prevention (NEOP) (Yr. 2 of 3)	County of Fresno	\$86,400.00	\$21,600.00	\$108,000.00	
Hith & HS	CVHPI	Bengiamin, M	Evaluation for Health Equity 2018-21 (Yr. 2 of 3)	California Endowment	\$175,197.00	\$26,280.00	\$201,477.00	
Hith & HS	CVHPI	Capitman, J./ Lessard, L.	Group Prenatal Care Demonstration (GLOW) (Yr. 3 of 3) - 2019-2020	UCSF (via First 5 Fresno County)	\$366,248.00	\$36,625.00	\$402,873.00	
Hith & HS	CVHPI	Capitman, J.	Fresno County Collaboration for Wellness (Yr. 2 of 3)	County of Fresno	\$51,383.00	\$13,616.00	\$64,999.00	
Hith & HS	CVHPI	Capitman, J./ Pacheco-Werner	Climate Justice and Health Narrative Project	Asian Pacific Environmental Network	\$5,826.00	\$874.00	\$6,700.00	
Hith & HS	CVHPI	Pacheco-Werner, T.	Climate Change and Health Equity	Kresge Foundation (via Leadership Counsel for Justice and Accountability)	\$17,778.00	\$2,222.00	\$20,000.00	
Hith & HS	CVHPI	DeRoo, D.	Advancing prevention policy innovation and adoption: The San Joaquin Valley Public Health Consortium (Yr. 1 of 2)	Blue Shield of California Foundation	\$98,826.00	\$14,824.00	\$113,650.00	
Hith & HS	CVHPI	Bengiamin, M./Megally, H./Werner, T.	Building Community Power to Create Oral Health Equity	OPEN/DentaQuest Partnership	\$90,909.00	\$9,091.00	\$100,000.00	
Hith & HS	CVHPI	Capitman, J./ Berg, H.	Central Valley Coordination	California School Based Health Alliance	\$17,391.00	\$2,609.00	\$20,000.00	
Hith & HS	CVHPI	Capitman, J./Pacheco-Werner, T.	Safety Through Connections	Robert Wood Johnson Foundation (via Cultiva la Salud)	\$4,348.00	\$652.00	\$5,000.00	
Hith & HS	CVHPI	Capitman, J./Megally, H.	NNPHI/OPEN Grassroots Stipend/Supplement	DentaQuest	\$2,174.00	\$326.00	\$2,500.00	
Hith & HS	CVHPI	Capitman, J.	Covid-19 Support	The California Endowment	\$134,739.00	\$15,261.00	\$150,000.00	
Hith & HS	CVHPI	Capitman, J./Pacheco, T.	Race and Equity Advisory Committee DRIVE]	Central Valley Community Foundation (CVCF)	\$17,391.00	\$2,609.00	\$20,000.00	
Hith & HS	CVHPI	Capitman, J./DeRoo, D./Berg, H.	Improving Public Health Communications to Address Covid-19	Blue Shield Foundation Covid-19	\$69,565.00	\$10,435.00	\$80,000.00	
Hith & HS	CVHPI	Capitman, J./Alcala, E.	Strategic Growth Council (Yr. 1 of 2)	California Governor's Office of Planning and Research	\$145,282.00	\$36,321.00	\$181,603.00	
<b>Total Department Submitted Proposals: 19</b>					<b>Total Department Submitted:</b>	<b>\$1,397,246.00</b>	<b>\$210,122.00</b>	<b>\$1,607,368.00</b>
Hith & HS	Kinesiology	Smith, N.	Heart Zones System	Kaiser Foundation (via Fresno Unified School District)	\$13,644.00	\$533.00	\$14,177.00	
Hith & HS	Kinesiology/CCCI	Smith, N.	Interactive Health Technologies (IHT)	Kaiser Permanente (via Fresno Unified School District)	\$4,545.00	\$455.00	\$5,000.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$18,189.00</b>	<b>\$988.00</b>	<b>\$19,177.00</b>
Hith & HS	Nursing/CCEN	Gilbert, M./Nair, N.	SB RN Special Programs '20-'22 (Yr. 1 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$63,261.00	\$5,061.00	\$68,322.00	
Hith & HS	Nursing/CCEN	Gilbert, M.	SB RN Capitation 2020-2022 (Yr. 1 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$120,000.00	\$0.00	\$120,000.00	
Hith & HS	Nursing/CCEN	Gilbert, M.	Scholarships for Disadvantaged Students (SDS) (Yr. 1 of 5)	Health Resources & Services Administration (HRSA)	\$644,760.00	\$0.00	\$644,760.00	
Hith & HS	Nursing/CCEN	Gilbert, M./Zografos, K.	Development of CHW Pathway/Framework	Kaiser Northern California Region	\$34,782.00	\$5,217.00	\$39,999.00	
<b>Total Department Submitted Proposals: 4</b>					<b>Total Department Submitted:</b>	<b>\$862,803.00</b>	<b>\$10,278.00</b>	<b>\$873,081.00</b>
Hith & HS	Physical Therapy	Roos J./ Bhupinder S.	Gait Analysis of Individuals (Yr. 2 of 3)	San Joaquin Valley Rehabilitation Hospital	\$4,198.00	\$802.00	\$5,000.00	
Hith & HS	Physical Therapy	Hickey, C./ Walker, D.	Addressing Hypofunctioning Lower Trapezius Muscle Pain	Foundation for Physical Therapy	\$40,000.00	\$0.00	\$40,000.00	
Hith & HS	Physical Therapy	Hickey, C./ Walker, D.	The Effect of Electrical Simulation Cueing	California Physical Therapy Fund	\$9,650.00	\$0.00	\$9,650.00	
<b>Total Department Submitted Proposals: 3</b>					<b>Total Department Submitted:</b>	<b>\$53,848.00</b>	<b>\$802.00</b>	<b>\$54,650.00</b>
Hith & HS	Public Health	Kwon, J./Ahn, Y./Chung, S.	Fresno State Transportation Institute (FTSI) Research Grant 2020	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Hith & HS	Public Health	Zografos, K.	Biostatistical Analysis 2020-23 (Yr. 1 of 3)	Valley Children's Healthcare	\$6,522.00	\$978.00	\$7,500.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$6,522.00</b>	<b>\$978.00</b>	<b>\$7,500.00</b>
Hith & HS	Recreation Admin	Lankford, S./ Lankford, J./ Taylor, B.	City of Kerman Park and Recreation Master Plan	City of Kerman	\$20,970.00	\$2,097.00	\$23,067.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$20,970.00</b>	<b>\$2,097.00</b>	<b>\$23,067.00</b>
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA/BAA Alameda County CWS '18 (Yr. 3 & 4 of 4)	County of Alameda	\$161,813.00	\$12,945.00	\$174,758.00	
Hith & HS	Social Work Education	Foster, D./Vungkhanching/Foster, B.	CCTA Kern County Safety Organized Practice Training (Yr. 3 of 5)	Kern County Department of Human Services	\$164,300.00	\$65,720.00	\$230,020.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA Contra Costa CWS '19 (Yr. 2 of 3)	Contra Costa County Employment and Human Services	\$231,482.00	\$18,518.00	\$250,000.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA CDSS Master '19 (Yr. 2 of 3)	California Department of Social Services (CDSS)	\$2,836,783.00	\$283,678.00	\$3,120,461.00	
Hith & HS	Social Work Education	Blankenship, D./Foster, B.	APS Training Academy 2017-2018 (Yr. 4 of 4)	California Department of Social Services (CDSS)	\$881,923.00	\$88,192.00	\$970,115.00	
Hith & HS	Social Work Education	Foster, D./Vungkhanching M./Foster, B.	Calaveras Grievance Review Officer '19 (Yr. 2 of 2)	Calaveras County	\$4,347.00	\$653.00	\$5,000.00	
Hith & HS	Social Work Education	Vungkhanching, M.	Title IV-E Social Work Training Program 2019-20 (Yr. 2 of 2)	California Social Work Education Center (CalSWEC)	\$2,988,593.00	\$269,175.00	\$3,257,768.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA San Mateo CWS 2019-22 (Yr. 1 of 3)	San Mateo County Human Services Agency	\$257,630.00	\$20,610.00	\$278,240.00	

Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA/CFPIC California Core Practice Model 2019-2020	Child and Family Policy Institute of California	\$65,217.00	\$9,783.00	\$75,000.00	
Hlth & HS	Social Work Education	Foster, D. / Foster, B. / Vungkhanching, M.	BAA-CFPIC California Core Practice Model 2019-20	Child and Family Policy Institute of California	\$69,444.00	\$5,556.00	\$75,000.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Madera County Safety Organized Practice 2019-20	Madera County Department of Social Services	\$115,992.00	\$17,399.00	\$133,391.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA BAA Santa Cruz CWS Training 2019-21(Yr. 1 of 2)	County of Santa Cruz Human Services Department	\$125,544.00	\$10,043.00	\$135,587.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA BAA San Francisco CWS 2019-23 (Yr. 1 of 4)	County of San Francisco	\$535,104.00	\$42,808.00	\$577,912.00	
Hlth & HS	Social Work Education	Foster, D./ Foster, B./ Vungkhanching, M.	San Luis Obispo County Peer Review 2019	County of San Luis Obispo	\$22,457.00	\$3,369.00	\$25,826.00	
Hlth & HS	Social Work Education	Crawford, M.	CSWE Policy Practice in Field Education Initiative LOI	New York Community Trust (via Council on Social Work Education)	\$9,200.00	\$800.00	\$10,000.00	
Hlth & HS	Social Work Education	Vungkhanching, M.	Title IV-E Social Work Training Program 2020-21 (Yr. 1 of 2)	Univ. of California (CalSWEC)	\$2,985,919.00	\$274,646.00	\$3,260,565.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	Organizational Development Consulting Services	Napa County	\$394,600.00	\$59,190.00	\$453,790.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA CDSS Master '19 (Yr. 2 of 3)	California Department of Social Services (CDSS)	\$3,299,383.00	\$329,938.00	\$3,629,321.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	Solano County BAA FY2020-21	Solano County Child Welfare Services	\$64,240.00	\$5,139.00	\$69,379.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	CCTA-BAA Marin County Training 2020-21	County of Marin	\$185,320.00	\$14,826.00	\$200,146.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	CCTA-BAA San Benito County 2020-21	San Benito County	\$38,960.00	\$3,117.00	\$42,077.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	CCTA-BAA Sonoma County Training (2020-21)	Sonoma County	\$47,986.00	\$3,839.00	\$51,825.00	
Hlth & HS	Social Work Education	Blankenship, D./Foster, D./ Vungkhanching, M.	Adult Protective Services (APS) Training - 2019-20 (Amd. 1) (Yr. 1 of 3)	California Department of Social Services (CDSS)	\$1,222,938.00	\$122,294.00	\$1,345,232.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	Napa County Child Welfare Services 2020-21	Napa County	\$71,295.00	\$5,704.00	\$76,999.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	Monterey County Child Welfare Training 2020-21	Monterey County	\$161,944.00	\$12,956.00	\$174,900.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	Common Core 3.0 Phase III ICWA (Passthrough)	California Social Work Education Center (CalSWEC)	\$57,961.00	\$8,694.00	\$66,655.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-CFPIC California Core Practice Model 2020-21	California Child & Family Policy Institute	\$65,217.00	\$9,783.00	\$75,000.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	San Mateo Grievance Review Officer 2018-21 (Amd. 1)	San Mateo County	\$8,913.00	\$1,337.00	\$10,250.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	BAA CFPIC California Core Practice Model 2020-21	Child & Family Policy Institute of California	\$69,444.00	\$5,556.00	\$75,000.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Santa Barbara County Grievance Review Officer 2020-21	Santa Barbara County	\$2,609.00	\$391.00	\$3,000.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Calaveras County Grievance Review Officer 2020-21	Calaveras County	\$8,695.00	\$1,305.00	\$10,000.00	
Hlth & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	San Joaquin County Grievance Review Officer '20	San Joaquin County Human Service Agency	\$34,000.00	\$6,000.00	\$40,000.00	
<b>Total Department Submitted Proposals: 32</b>					<b>Total Department Submitted:</b>	<b>\$17,189,253.00</b>	<b>\$1,713,964.00</b>	<b>\$18,903,217.00</b>
					<b>Totals:</b>	<b>\$19,548,831.00</b>	<b>\$1,939,229.00</b>	<b>\$21,488,060.00</b>

# College of Science and Mathematics

## College of Science and Mathematics Submitted Proposals: 116

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Sci & Math	Biology	Lent, D.	CAREER: Navigation in Naturalistic and Changing Environments (Yr. 5 of 5)	National Science Foundation (NSF)	\$99,019.00	\$32,288.00	\$131,307.00	
Sci & Math	Biology	Ross J.	Genetic Basis of Sperm Mitochondrial Elimination (Yr. 3 of 3)	National Institutes of Health (NIH)	\$100,000.00	\$40,000.00	\$140,000.00	
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. 2 of 3)	Cal Poly SLO (National Science Foundation (NSF) Passthrough)	\$12,380.00	\$4,952.00	\$17,332.00	
Sci & Math	Biology	Bush, J.	Metabolomics Analysis of HER2-Positive Breast Cancer Cells (Yr. 3 of 4)	National Institutes of Health (NIH)	\$75,000.00	\$30,000.00	\$105,000.00	
Sci & Math	Biology	Reece, J.	Process Bat Calls from Acoustic Units at Sequoia and Kings Canyon National Parks	National Park Service (CESU)	\$10,256.00	\$1,795.00	\$12,051.00	
Sci & Math	Biology	Telemeco, R.	Scientific Meeting Grant	Company of Biologists	\$3,650.00	\$0.00	\$3,650.00	
Sci & Math	Biology	Telemeco, R.	Population Status and Reproductive Potential of Panamint Alligator Lizard Surveys at Naval Weapons Station China Lake (Yr. 1 of 2)	Department of the Navy	\$39,713.00	\$6,950.00	\$46,663.00	
Sci & Math	Biology	Van Laar, T.	Characterization of the Chinese mitten crab microbiome and its role in CMC reproductive development	CSU COAST	\$19,894.00	\$0.00	\$19,894.00	
Sci & Math	Biology	Telemeco, R.	Evaluating the reproductive ecology of Blunt-Nosed Leopard Lizards	Fresno Chaffee Zoo	\$31,326.00	\$0.00	\$31,326.00	
Sci & Math	Biology	Van Laar, T.	Tick-borne Relapsing Fever and Lyme Disease in Central California with a Focus on Companion Canines as Sentinels	Bay Area Lyme Foundation	\$50,018.00	\$2,501.00	\$52,519.00	
Sci & Math	Biology	Waselkov, K./Shrestha, A.	ARI: Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in <i>Amaranthus palmeri</i> (Yr. 1 of 3)	Agricultural Research Institute (ARI)	\$61,674.00	\$0.00	\$61,674.00	
Sci & Math	Biology	Tsukimura, B.	Society for Integrative and Comparative Biology	CSU (CSUPERB Travel Grant)	\$1,500.00	\$0.00	\$1,500.00	
Sci & Math	Biology	Van Laar, T.	Investigation of virulence and antibiotic resistance in <i>Klebsiella pneumoniae</i> (Yr. 1 of 3)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$95,286.00	\$38,114.00	\$133,400.00	
Sci & Math	Biology	Slade, J./Van Laar, T.	The Effect of Urbanization on Innate Immune Function, Adaptive Immune Gene Diversity, and Microbiome of Bush-tits	Morris Animal Foundation	\$10,000.00	\$800.00	\$10,800.00	
Sci & Math	Biology	Blumenshine, S.	Evaluating the Importance of Prey Quality and Quantity for Juvenile Stream Salmonids (Yr. 1 of 2)	National Oceanic and Atmospheric Administration - NOAA (CESU)	\$6,808.00	\$1,191.00	\$7,999.00	
Sci & Math	Biology	Ross, J.	Type II: California State University Innovation Site	CSUPERB (SDSU Passthrough)	\$5,900.00	\$0.00	\$5,900.00	
Sci & Math	Biology	VanLaar, T.	Kessel Fellowship	American Ornithological Society	\$15,000.00	\$0.00	\$15,000.00	
Sci & Math	Biology	Gousset, K.	"Rhes Tunnel" Paves a Way for Intercellular Transport: Mechanisms and Role in Striatal Cell Biology (Yr. 1 of 2)	Scripps Research (National Institutes of Health (NIH) Passthrough)	\$69,000.00	\$27,600.00	\$96,600.00	
Sci & Math	Biology	Gousset, K.	Deciphering the molecular mechanisms of TNT formation and function using a multi-omic approach (Yr. 1 of 4)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$250,000.00	\$77,715.00	\$327,715.00	
Sci & Math	Biology	Van Laar, T.	The Evolution of Antibiotic Resistance in <i>Klebsiella pneumoniae</i> Biofilms	CSUPERB	\$15,000.00	\$0.00	\$15,000.00	
Sci & Math	Biology	Lent, D.	Supplemental Award: CAREER: Navigation in Naturalistic and Changing Environments: Perception, Learning and Memory	National Science Foundation (NSF)	\$1,711.00	\$684.00	\$2,395.00	
Sci & Math	Biology	Van Laar, T.	Investigation of Virulence and Antibiotic Resistance in <i>Klebsiella pneumoniae</i> (Yr. 1 of 3)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$95,286.00	\$38,114.00	\$133,400.00	
Sci & Math	Biology	Telemeco, R.	Collaborative Research: RUI: IEP: Temperature-oxygen performance surfaces (TOPS): Testing a predictive framework for performance limits across phylogeny and topography (Yr. 1 of 3)	National Science Foundation (NSF)	\$180,687.00	\$40,168.00	\$220,855.00	
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)	National Institutes of Health (NIH) (UC Merced Passthrough)	\$34,834.00	\$13,934.00	\$48,768.00	
Sci & Math	Biology	Lent, D.	Climate Change and Bat Phenology	Sequoia Parks Conservancy	\$4,255.00	\$745.00	\$5,000.00	
Sci & Math	Biology	Reece, J.	Has Bat Biodiversity in SEKI Changed Over the Last 20 Years?	Sequoia Parks Conservancy	\$4,255.00	\$745.00	\$5,000.00	
Sci & Math	Biology	Ross J.	Harnessing the Soil Microbiome to Improve Crop Nutritional Content in California Agriculture	U.S. Department of Agriculture (USDA)-- AFRI (CSUMB Passthrough)	\$17,213.00	\$6,885.00	\$24,098.00	
Sci & Math	Biology	Reece, J./Weinman, B./Brady, M./Mine, A.	Terrestrial-Aquatic Connections: The Distribution and Fate of Microplastics Across Morro Bay Estuary and Beaches	CSU COAST	\$53,328.00	\$0.00	\$53,328.00	
Sci & Math	Biology	Hansen, A.	Conference Grant: Biology Beyond the Classroom: Experiential Learning through Authentic Research, Design & Community Engagement	National Science Foundation (NSF)	\$21,500.00	\$0.00	\$21,500.00	
Sci & Math	Biology	Hansen, A.	Virtual Field Trips in an Era of COVID-19: A Pilot Study of Inclusive Science Learning Experiences for Young Children (Yr. 1 of 2)	Spencer Foundation	\$25,508.00	\$0.00	\$25,508.00	
Sci & Math	Biology	Muller, U./Hansen, A.	Collaborative Research: RUI: RoL: Suction Feeding in Small Organisms - The Interplay of Physics and Biology (Yr. 1 of 4)	National Science Foundation (NSF)	\$185,355.00	\$40,142.00	\$225,497.00	
Sci & Math	Biology	Blumenshine, S.	ICF-Water 4 Salmon Restoration	ICF Global Consulting	\$6,855.00	\$1,028.00	\$7,883.00	
<b>Total Department Submitted Proposals: 32</b>					<b>Total Department Submitted:</b>	<b>\$1,602,211.00</b>	<b>\$406,351.00</b>	<b>\$2,008,562.00</b>
Sci & Math	Chemistry	Chen, Qiao-Hong	Development of Stabilized Zampanolide Mimics as Chemotherapeutics (Yr. 3 of 3)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$100,000.00	\$40,000.00	\$140,000.00	
Sci & Math	Chemistry	Donnelly	Enhancing the Quality of Undergraduate Investigation in Physical Science (Yr. 3 of 3)	National Science Foundation (NSF)	\$63,481.00	\$25,392.00	\$88,873.00	
Sci & Math	Chemistry	Brooks, C.	Quest Pharma: Humanized AR9.6 Stable CHO Cell Line Limiting Dilution (Yr. 2 of 2)	Quest Pharmaceutical	\$1,117.00	\$168.00	\$1,285.00	
Sci & Math	Chemistry	Uchida, M.	Nanomanufacturing of Protein Macromolecular Frameworks Through an Integrated Bioengineering and Computational Approach (Yr. 2 of 3)	National Science Foundation (NSF)	\$142,127.00	\$20,898.00	\$163,025.00	
Sci & Math	Chemistry	Krishnan, V.	Effect of Western Diet in Gastrointestinal Cancer by NMR Metabolomics (Yr. 2 of 4)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$75,000.00	\$30,000.00	\$105,000.00	
Sci & Math	Chemistry	DeLaCerde, L/ Goto, J.	LSAMP Participant Support 2019-2020 (Chancellor's Office)	Sacramento State University (CO Passthrough)	\$45,000.00	\$0.00	\$45,000.00	
Sci & Math	Chemistry	DeLaCerde, L/ Goto, J.	LSAMP Participant Support 2019-2020 (National Science Fdn)	Sacramento State (National Science Foundation (NSF) Passthrough)	\$20,000.00	\$0.00	\$20,000.00	
Sci & Math	Chemistry	Brooks, C.	Development of an ExpICHO Stable Cell Line Expressing the MUC1 Specific IgE Antibody AHS	Quest Pharmaceutical	\$30,201.00	\$4,530.00	\$34,731.00	
Sci & Math	Chemistry	Maitra, S./Lent, D./Maitra, K.	The Advancing Chemistry Research and Education (ACRE) Program (Yr. 1 of 3)	U.S. Department of Agriculture (USDA) --NIFA	\$82,571.00	\$20,271.00	\$102,842.00	
Sci & Math	Chemistry	Uchida, M.	Targeting renal tubules by protein nanocages via glomerular filtration (Yr. 1 of 5)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$41,793.00	\$16,717.00	\$58,510.00	

Sci & Math	Chemistry	Brooks, C.	Human Health Therapeutics Research Center	CSU (CSUPERB Travel Grant)	\$1,500.00	\$0.00	\$1,500.00	
Sci & Math	Chemistry	Maitra, S./Lent, D.	Alternative treatment for Spotted Wing Drosophila	California Blueberry Commission	\$42,542.00	\$6,381.00	\$48,923.00	
Sci & Math	Chemistry	Brooks, C.	Role of Antigen Glycosylation in Mucin Binding by Monoclonal Antibodies(Yr. 1 of 3)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$299,280.00	\$119,712.00	\$418,992.00	
Sci & Math	Chemistry	Brooks, C.	Purification of Recombinant MUC1 Antigen	Quest Pharmaceutical	\$2,100.00	\$315.00	\$2,415.00	
Sci & Math	Chemistry	Donnelly, D./Person, E./Hansen, A.	Zoo Investigation Project for Engaging Non-Majors (ZIPEN) (Yr. 1 of 4)	National Science Foundation (NSF)	\$1,259,760.00	\$441,178.00	\$1,700,938.00	
Sci & Math	Chemistry	Krishnan, V.	ACS Bridge to Doctorate Program in the Chemical Sciences Across Central California (Yr. 1 of 3)	American Chemical Society (National Science Foundation (NSF) Passthrough)	\$60,000.00	\$0.00	\$60,000.00	
Sci & Math	Chemistry	Brooks, C.	A Novel Class of Holocephalin Heavy Chain-Only Antibodies	National Research Council Canada	\$17,497.00	\$17,500.00	\$19,247.00	
Sci & Math	Chemistry	Hawker, M.	Optimizing plasma conditions to customize silk film chemistry while retaining morphology	CSUPERB	\$15,000.00	\$0.00	\$15,000.00	
Sci & Math	Chemistry	Krishnan, K./Calderon-Urrea, A./Bush, J./Goto, J./Chen, Q.	RISE Program at Fresno State (Yr. 2 of 5)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$479,339.00	\$38,347.00	\$517,686.00	
Sci & Math	Chemistry	Brooks, C.	Preclinical Development of a Novel Antibody Conjugate for Intraoperative Detection of Pancreatic Cancer (Yr. 1 of 5)	National Institutes of Health (NIH)	\$31,254.00	\$12,502.00	\$43,756.00	
Sci & Math	Chemistry	Hawker, M.	Controlling Naturally Derived Polymer Enzymatic Degradation: A Plasma-Enhanced Chemical Vapor Deposition Approach (Yr. 1 of 3)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$100,000.00	\$40,000.00	\$140,000.00	
Sci & Math	Chemistry	Krishnan, V./Bush, J./Calderon-Urrea, A.	Bridges to the Doctorate at Fresno State (Yr. 1 of 5)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$177,926.00	\$2,479.00	\$180,405.00	
Sci & Math	Chemistry	Chen, Q.	Natural Products-Based PROTACS	American Society of Pharmacognosy Foundation	\$25,000.00	\$0.00	\$25,000.00	
Sci & Math	Chemistry	Goto, J.	Study of L-serine on Viability of Drosophila	Brain Chemistry Labs	\$10,000.00	\$0.00	\$10,000.00	
Sci & Math	Chemistry	Maitra, S./Lent, D.	ARI Campus: Development of effective, safe, and inexpensive SWD repellents (Yr. 1 of 3)	Agricultural Research Institute (ARI)	\$405,886.00	\$0.00	\$405,886.00	
Sci & Math	Chemistry	Closser, K.	Development of Computational Activities for a First Semester Organic Chemistry Laboratory	CSUPERB	\$15,000.00	\$0.00	\$15,000.00	
Sci & Math	Chemistry	Closser, K.	Computational study of photodegradation processes in biologically active environmental contaminants	CSUPERB	\$15,000.00	\$0.00	\$15,000.00	
Sci & Math	Chemistry	Maitra, K.	In Pursuit of Antimicrobial Peptides: Design, Synthesis and Studies	CSUPERB	\$15,000.00	\$0.00	\$15,000.00	
Sci & Math	Chemistry	Maitra, S./Lent, D.	ARI: Development of Effective, Safe, and Inexpensive SWD Repellents (Yr. 1 of 3)	Agricultural Research Institute (ARI)	\$146,950.00	\$0.00	\$146,950.00	
Sci & Math	Chemistry	Goto, J./Markin, M./Benes, S./Larralde-Muro, J.	LSAMP BD: California State University, Fresno, CSU-LSAMP-BD Cohort 16 (Yr. 1 of 2)	Sacramento State University (National Science Foundation (NSF) Passthrough)	\$528,000.00	\$0.00	\$528,000.00	
Sci & Math	Chemistry	Krishnan, V.	Introduction to Quantitative Genomic Analysis - A CURES Approach - SR25GM131956 Supplemental	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$80,000.00	\$1,984.00	\$81,984.00	
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 Institutes of Health (NIH)	\$201,441.00	\$13,330.00	\$214,771.00	
<b>Total Department Submitted Proposals: 32</b>					<b>Total Department Submitted:</b>	<b>\$4,529,765.00</b>	<b>\$835,954.00</b>	<b>\$5,365,719.00</b>
Sci & Math	Computer Science	Cecotti, H.	CAREER: Brain-Computer Interface in Non-Stationary Environments (Yr. 1 of 5)	National Science Foundation (NSF)	\$390,806.00	\$141,122.00	\$531,928.00	
Sci & Math	Computer Science	Pirouz, M./ Mehta, R./ Donnelly, D./ Walter, M.	Critical and Transdisciplinary Applications of Computational Thinking (CTACT) (Yr. 1 of 5)	National Science Foundation (NSF)	\$210,793.00	\$25,517.00	\$236,310.00	
Sci & Math	Computer Science	Panagopoulos, A.	Enabling Grid Resilience through Innovative Communication and Pricing (Yr. 1 of 3)	UC Berkeley (DOE Passthrough)	\$22,669.00	\$9,068.00	\$31,737.00	
Sci & Math	Computer Science	Cecotti, H.	Detection of attention shift in brain-computer interface with deep learning and functional connectivity analysis (Yr. 1 of 3)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$118,072.00	\$31,920.00	\$149,992.00	
Sci & Math	Computer Science	Cecotti, H./ Peleaz, G./Huisinga, L.	Toward Enhancing Learning and Assessments in Art History with Virtual Reality	Spencer Foundation	\$48,755.00	\$0.00	\$48,755.00	
Sci & Math	Computer Science	Cecotti, H.	Applications of image processing and pattern recognition in agricultural technology with project-based learning courses and research experiences (Yr. 1 of 4)	U.S. Department of Agriculture (USDA) - NIFA	\$178,571.00	\$71,428.00	\$249,999.00	
Sci & Math	Computer Science	Cecotti, H.	Detecting non-stationarity in EEG signal for robust Brain-Computer Interfaces	CSUPERB	\$15,000.00	\$0.00	\$15,000.00	
Sci & Math	Computer Science	Pirouz Nia, M.	A Data-Driven Approach to Optimize Intelligence Transportation Systems Operations	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Sci & Math	Computer Science	Cecotti, H.	Investigating the Effects on Non-Stationary Tasks on Attention Using Non-Invasive Electroencephalography with Deep Learning and Dynamic Functional Connectivity Analysis (Yr. 1 of 3)	National Science Foundation (NSF)	\$113,947.00	\$30,734.00	\$144,681.00	
Sci & Math	Computer Science	Cecotti, H./Peleaz, L./Huisinga, L.	Enhancing Student Engagement in Art History Classes with Virtual Reality	Spencer Foundation	\$48,755.00	\$0.00	\$48,755.00	
Sci & Math	Computer Science	Pirouz, M./Tayeb, S./Stillmaker, A.	Towards a Multidisciplinary SURE for CSE	STEM.NET	\$40,000.00	\$0.00	\$40,000.00	
Sci & Math	Computer Science	Cecotti, H./ Peleaz, G./Huisinga, L.	A Virtual Reality Museum Using Procedural Content Generation for American History Paintings (Yr. 1 of 3) ¶	National Endowment for the Humanities (NEH)	\$86,815.00	\$17,363.00	\$104,178.00	
Sci & Math	Computer Science	Panagopoulos, A.	Customer-controlled, Price-mediated, Automated Demand Response for Commercial Buildings	UC Berkeley (California Energy Commission (CEC) Passthrough)	\$24,000.00	\$6,000.00	\$30,000.00	
Sci & Math	Computer Science	Cecotti, H.	Monitoring human-agent team performance in cooperative active semi-supervised learning with EEG signal	U.S. Army	\$78,151.00	\$21,836.00	\$99,987.00	
<b>Total Department Submitted Proposals: 14</b>					<b>Total Department Submitted:</b>	<b>\$1,376,334.00</b>	<b>\$354,988.00</b>	<b>\$1,731,322.00</b>
Sci & Math	Dean	Meyer, C./Hasson, A.	Introducing Research Deconstruction Pedagogy into Gateway Courses to Improve Student Engagement with STEM (Yr. 1 of 3)	CA Learning Lab (UCLA Passthrough)	\$71,887.00	\$0.00	\$71,887.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$71,887.00</b>	<b>\$0.00</b>	<b>\$71,887.00</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. 3 of 3)	David B. Jones Foundation	\$7,579.00	\$3,032.00	\$10,611.00	
Sci & Math	Earth & Environmental Sciences	Putirka, K.	RUI: COLLABORATIVE PROPOSAL: TECTONIC CONTROLS ON ARC EVOLUTION (Yr. 2 of 3)	National Science Foundation (NSF)	\$43,905.00	\$17,562.00	\$61,467.00	
Sci & Math	Earth & Environmental Sciences	Putirka, K.	Cooling Units at the Tuolumne Intrusive Complex (TIC), California: Testing Pluton Emplacement and Large Volume Silicic Magmas Using Mineral Compositions and Rock Microtextures (Yr. 1 of 3)	National Science Foundation (NSF)	\$74,614.00	\$29,038.00	\$103,652.00	
Sci & Math	Earth and Environmental Sciences	Mine, A.	Biogeochemical controls on natural and anthropogenic groundwater contaminants in California's central valley	Keck Geology Consortium (National Science Foundation (NSF) Passthrough)[Macalester College]	\$16,070.00	\$0.00	\$16,070.00	
Sci & Math	Earth and Environmental Sciences	Weinman, B./ Brady, M./Cowan, C.	Collaborative Research: Cultivating Undergraduate Students' Model-Based Reasoning about Socio-Hydrologic Systems (Yr. 1 of 3)	National Science Foundation (NSF)	\$29,021.00	\$11,608.00	\$40,629.00	
Sci & Math	Earth and Environmental Sciences	Brady, M./Mine, A./Weinman, B.	GP-UP: Building Opportunities through Networks for Discovery in the Geosciences (GEOBOND) (Yr. 1 of 3)	National Science Foundation (NSF)	\$62,946.00	\$23,978.00	\$86,924.00	
Sci & Math	Earth and Environmental Sciences	Weinman, B./ Bushoven, J.	ARI: The urban-agricultural interface in California's Central Valley; an examination of the use of vegetative buffers as a strategy to ameliorate real or perceived issues (Yr. 1 of 2)	Agricultural Research Institute (ARI)	\$36,229.00	\$0.00	\$36,229.00	

<b>Total Department Submitted Proposals: 7</b>				<b>Total Department Submitted:</b>	<b>\$270,364.00</b>	<b>\$85,218.00</b>	<b>\$355,582.00</b>
Sci & Math	Mathematics	Banuelos, M./ Forgacs, T.	Enriching Undergraduate Learning Experiences and Research (EULER) Training Program in Computational Mathematics and Data Science (Yr. 1 of 5)	National Science Foundation (NSF)	\$373,437.00	\$126,176.00	\$499,613.00
Sci & Math	Mathematics	Banuelos, M.	NorAm (Yr. 1 of 3)	Diku (Norway)	\$5,038.00	\$1,028.00	\$6,066.00
Sci & Math	Mathematics	Amarasinghe, R.	On-Ramp to STEM (Yr. 1 of 3)	State of California Office of Planning and Research	\$166,758.00	\$13,341.00	\$180,099.00
Sci & Math	Mathematics	Nogin, M./Tuska, A.	Increasing Underrepresented Minority Participation in the Fresno Math Circle Program	Mathematical Association of America	\$6,000.00	\$0.00	\$6,000.00
Sci & Math	Mathematics	Tuska, A.	CSU/UC Mathematics Diagnostic Testing Project (MDTP)	Regents of the University of California (SDSU Passthrough)	\$30,953.00	\$0.00	\$30,953.00
Sci & Math	Mathematics	Caprau, C.	Knot Theory and Its Connections to Combinatorics and Algebra (Yr. 5 of 5)	Simons Foundation	\$6,000.00	\$1,000.00	\$7,000.00
Sci & Math	Mathematics	Vega, O./Forgacs/Caprau/Hasson/Tague	M-2S-2: Mentoring Math Scholars for Success (Yr. 3 of 5)	National Science Foundation (NSF)	\$207,930.00	\$22,286.00	\$230,216.00
Sci & Math	Mathematics	Amarasinghe, R./Phillips, E.	GOTMath (Growing Outstanding Teachers of Mathematics) (Yr. 2 of 5)	National Science Foundation (NSF)	\$310,612.00	\$19,655.00	\$330,267.00
Sci & Math	Mathematics	Chung, S.	Preparing Undergraduates Through Mentoring Towards PhDs	SJSU (National Science Foundation (NSF) Passthrough)	\$11,000.00	\$0.00	\$11,000.00
Sci & Math	Mathematics	Banuelos M.	Immune Biomarker Predictors of SARS-CoV2 Outcomes (Yr. 1 of 4)	National Institutes of Health (NIH) (UC Merced Passthrough)	\$17,964.00	\$7,186.00	\$25,150.00
<b>Total Department Submitted Proposals: 10</b>				<b>Total Department Submitted:</b>	<b>\$1,135,692.00</b>	<b>\$190,672.00</b>	<b>\$1,326,364.00</b>
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. 3 of 3)	National Institutes of Health (NIH)	\$100,000.00	\$40,000.00	\$140,000.00
Sci & Math	Physics	Gao, Y.	IRES Track I: US-CERN Summer Program on Atlas Experiment of LHC at CERN (Yr. 2 of 3)	National Science Foundation (NSF)	\$86,366.00	\$10,152.00	\$96,518.00
Sci & Math	Physics	Ho, Pei-Chun	RUI: Investigation of Strongly Correlated Electron Behavior in Rare-Earth Related Materials (Yr. 2 of 3)	National Science Foundation (NSF)	\$92,317.00	\$36,927.00	\$129,244.00
Sci & Math	Physics	Gao, Y.	MRI: Development of the First US ATLAS Shared Tier 3 Facility on Cloud for US Physicists to Search and Discover New Physics on ATLAS Experiment of LHC at CERN (Yr. 1 of 4)	National Science Foundation (NSF)	\$343,215.00	\$35,381.00	\$378,596.00
Sci & Math	Physics	Vitali, E.	RUI: Fermionic pairing and exotic superfluid phases in cold atomic Fermi systems: a first-principles computational study (Yr. 1 of 3)	National Science Foundation (NSF)	\$44,929.00	\$11,852.00	\$56,781.00
Sci & Math	Physics	Singleton, D.	Collaborative Research: Intersection of Gravitational and Electromagnetic Radiation (Yr. 1 of 3)	National Science Foundation (NSF)	\$32,234.00	\$12,894.00	\$45,128.00
Sci & Math	Physics	Gao, Y.	Searching and Discovering New Physics on ATLAS Experiment of LHC at CERN (Yr. 1 of 3)	National Science Foundation (NSF)	\$158,385.00	\$63,354.00	\$221,739.00
<b>Total Department Submitted Proposals: 7</b>				<b>Total Department Submitted:</b>	<b>\$857,446.00</b>	<b>\$210,560.00</b>	<b>\$1,068,006.00</b>
Sci & Math	Psychology	Jackson, M./Moschella, J.	Parenting Skills Contract No. 18-028-001 (Yr. 2 of 3)	Central Valley Regional Center (CVRC)	\$9,506.07	\$1,255.08	\$10,761.15
Sci & Math	Psychology	Jackson, M.	Behavior Intervention Services 2019-2020	Central Unified School District	\$42,609.00	\$6,391.00	\$49,000.00
Sci & Math	Psychology	Miller, C./Woo, E./Shapiro, M.	Fresno State Summer Neuroscience Program (SNP)	American Psychological Association	\$29,442.00	\$0.00	\$29,442.00
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services (Year 1 of 2)	Telecare Corporation	\$25,851.17	\$1,515.48	\$27,366.65
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services (BIS) 620	Central Valley Regional Center (CVRC)	\$34,599.91	\$1,076.73	\$35,676.64
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services (BIS) 612 (Year 1 of 3)	Central Valley Regional Center (CVRC)	\$173,913.00	\$26,087.00	\$200,000.00
Sci & Math	Psychology	Miller, C.	Functional Neuroimaging Abnormalities of Post Traumatic Stress Disorder ( Yr. 1 of 3)	National Institutes of Health (NIH)	\$100,000.00	\$40,000.00	\$140,000.00
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Behavior Intervention Services - D&D Residential (FY2020-2021)	D&D Residential	\$19,130.00	\$2,870.00	\$22,000.00
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Behavior Intervention Services - CUSD (FY2020-2021)	Central Unified School District	\$42,608.00	\$6,392.00	\$49,000.00
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Comprehensive Behavior Services (Yr. 1 of 3)	Central Valley Regional Center (CVRC)	\$869,565.00	\$130,435.00	\$1,000,000.00
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Childcare/Parent Training Contract SCD63 - 19-063-001 (Yr. 1 of 3)	Central Valley Regional Center (CVRC)	\$2,937.28	\$0.00	\$2,937.28
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services	ACCESS	\$21,740.00	\$3,260.00	\$25,000.00
Sci & Math	Psychology	Toro, R.	Acculturation Differences Among Latinos	Russel Sage Foundation	\$49,924.00	\$0.00	\$49,924.00
<b>Total Department Submitted Proposals: 13</b>				<b>Total Department Submitted:</b>	<b>\$1,421,825.43</b>	<b>\$219,282.29</b>	<b>\$1,641,107.72</b>
<b>Totals:</b>					<b>\$11,265,524.43</b>	<b>\$2,303,025.29</b>	<b>\$13,568,549.72</b>

# College of Social Sciences

College of Social Sciences Submitted Proposals: 24								
School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Academic Affairs / Soc Sci	Provost's Office / Dean	DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$163,151.00	\$0.00	\$163,151.00	
<b>Total Department Submitted Proposals: 1</b>					<b>Total Department Submitted:</b>	<b>\$163,151.00</b>	<b>\$0.00</b>	<b>\$163,151.00</b>
Soc Sci	Anthropology	Juarez, C.	Learning from our Casework: The forensic anthropology database for assessing methods accuracy (FADAMA) (Yr. 1 of 2)	University of Illinois Champagne Urbana (NIJ Passthrough)	\$23,153.00	\$9,262.00	\$32,415.00	
Soc Sci	Anthropology	LeeOliver, L.	American Indian Culture and Art as Pedagogy: Teaching and Learning Exhibit	California Humanities	\$4,545.00	\$455.00	\$5,000.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$27,698.00</b>	<b>\$9,717.00</b>	<b>\$37,415.00</b>
Soc Sci	Criminology	Klement, K. / Kieckhafer, J. / Marshall, J.	Evaluation of Contraband Interdiction Pilot Program - SATF and State Prison Corcoran Research Proposal (Yr. 2 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$38,367.00	\$11,510.00	\$49,877.00	
Soc Sci	Criminology	Hughes, E.	CSU Project Rebound Outreach Program (Yr. 2 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$41,868.00	\$3,090.00	\$44,958.00	
Soc Sci	Criminology	English, P.	JCC Pre-Trial Pilot Project (Yr. 1 of 2)	Judicial Council of California (Fresno Superior Court Passthrough)	\$46,240.00	\$0.00	\$46,240.00	
Soc Sci	Criminology	Clement, K./Marshall, H./Kieckhafer, J./Arndorfer, A./Shaw, M.	Enhancing California's Prison Inmate Classification and Housing Scores System Research Analysis (Yr. 1 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$90,752.00	\$22,688.00	\$113,440.00	
Soc Sci	Criminology	Kieckhafer, J./Marshall, H./Pickering, J.	Use of Tablets and Self-Paced Digital Courses in CDCR Correctional Institutions (Yr. 1 of 2)	California Department of Corrections and Rehabilitation (CDCR)	\$229,738.00	\$68,921.00	\$298,659.00	
Soc Sci	Criminology	English, P.	Justice Assistance Grant - JAG - Logic Model Design	Fresno County Department of Probation (JAG Grant Funds)	\$1,522.00	\$152.00	\$1,674.00	
Soc Sci	Criminology	English, P.	Program Evaluation - Justice Assistance Grant (JAG) (Yr. 1 of 3)	Edward Byrne Memorial Justice Assistance Grant	\$47,529.00	\$4,753.00	\$52,282.00	
Soc Sci	Criminology	English, P.	Pre-Trial Pilot Project Data Evaluation	Fresno County Probation (via AB109) Fresno County	\$46,240.00	\$0.00	\$46,240.00	
Soc Sci	Criminology	Van Camp, T./Summers, M.	Two steps forward, COVID-19 steps back: The Impact of Preventative Health Measures on Correctional Services and Community Reentry	International Society for Justice Research	\$3,000.00	\$0.00	\$3,000.00	
Soc Sci	Criminology	Clement, K./Tayeb/ El-Razouk/ Kwon/ Ryan	The California Essential Workforce Youth and Registered Apprenticeship Pipeline (CEWYA) (Yr. 1 of 4)	US Department of Labor	\$988,783.00	\$105,393.00	\$1,094,176.00	
Soc Sci	Criminology	Van Camp, T.	UPR-Law Restorative and Therapeutic Justice Center (Passthrough)	US Department of Justice- Bureau of Justice Assistance	\$25,000.00	\$10,000.00	\$35,000.00	
Soc Sci	Criminology	Clement, K.	Program Evaluation - CAL VIP (Yr. 1 of 3)	Fresno County Probation (CAL VIP Passthrough)	\$3,714.00	\$1,114.00	\$4,828.00	
Soc Sci	Criminology	Hughes, E.	Project Rebound Mentorship Program (Yr. 1 of 3)	California Department of Juvenile Justice (Cal Poly Pomona Passthrough)	\$9,615.00	\$2,885.00	\$12,500.00	
Soc Sci	Criminology	Shaw, M.	The JAG Prevention and Education Grant (Yr. 1 of 3)	County of Kings (via Board of State and Community Corrections)	\$9,722.00	\$972.00	\$10,694.00	
Soc Sci	Criminology	Hughes, E.	California Reentry and Enrichment Grant Program in California Prisons	California Department of Corrections and Rehabilitation (CDCR)	\$208,062.00	\$12,220.00	\$220,282.00	
<b>Total Department Submitted Proposals: 15</b>					<b>Total Department Submitted:</b>	<b>\$1,790,152.00</b>	<b>\$243,698.00</b>	<b>\$2,033,850.00</b>
Soc Sci	Geography and City and Regional Planning	Wang, C.	Does Accessibility Affect Your Cycling Exercise? A Geographically Weighted Regression (GWR) Model to Investigating the Effects of Accessibility to Multi-Use Paths for Fresno, California	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
Soc Sci	Geography and City and Regional Planning	Dong, H.	Do Californian Residents Save Money on Transportation Costs by Living in Transit-Oriented Developments (TODs)	Fresno Council of Governments	\$0.00	\$0.00	\$0.00	
<b>Total Department Submitted Proposals: 2</b>					<b>Total Department Submitted:</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Soc Sci	Sociology	Crowell, A.	New Immigrant Settlement And Economic Opportunity In Rural America: The Impact Of Immigration On Economic Sustainability In Rural Communities (Yr. 1 of 4)	U.S. Department of Agriculture (USDA)-- AFRI	\$9,658.00	\$3,863.00	\$13,521.00	
Soc Sci	Sociology	Crowell, A.	New Immigrant Settlement And Economic Opportunity In Rural America: The Impact Of Immigration On Economic Sustainability In Rural Communities (Yr. 1 of 3)	US Department of Agriculture (USDA)-- AFRI	\$42,500.00	\$17,000.00	\$59,500.00	
Soc Sci	Sociology	Crowell, A.	The Generational Dynamics of Residential Segregation in the U.S.: Trajectories and Economic Opportunities	Russell Sage Foundation	\$30,000.00	\$0.00	\$30,000.00	
Soc Sci	Sociology	Crowell, A.	The Generational Dynamics of Residential Segregation in the United States: Is Spatial Assimilation Our Future?	Russel Sage Foundation	\$30,000.00	\$0.00	\$30,000.00	
<b>Total Department Submitted Proposals: 4</b>					<b>Total Department Submitted:</b>	<b>\$112,158.00</b>	<b>\$20,863.00</b>	<b>\$133,021.00</b>
<b>Totals:</b>					<b>\$1,930,008.00</b>	<b>\$274,278.00</b>	<b>\$2,367,437.00</b>	

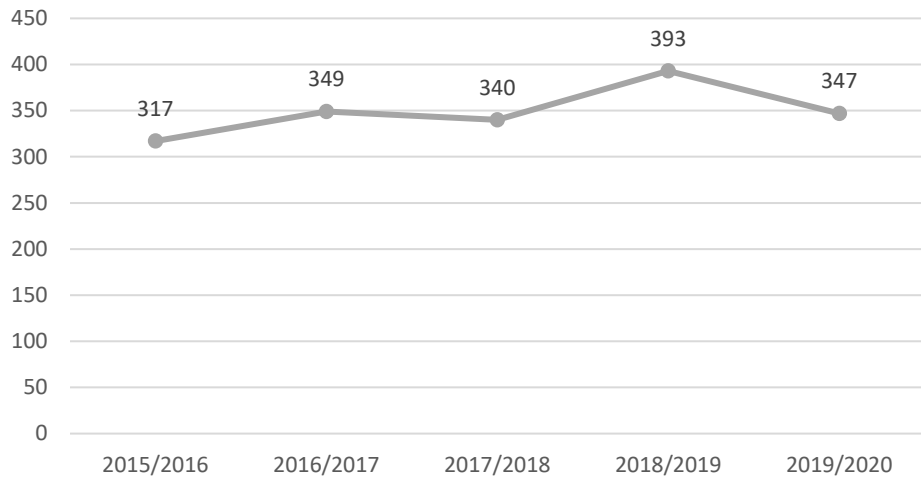
# Student Affairs

Student Affairs Submitted Proposals: 20								
School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Student Affairs	Administration	Medina, J.	Cal Fresh Outreach FY2019-2021 (Yr. 2 of 3)	CSU Chico (California Department of Social Services (CDSS))	\$24,886.00	\$9,954.00	\$34,840.00	
	<b>Total Department Submitted Proposals: 1</b>			<b>Total Department Submitted:</b>	<b>\$24,886.00</b>	<b>\$9,954.00</b>	<b>\$34,840.00</b>	
Student Affairs	CAMP	Gamez, O.	Merced County - Visual and Performing Arts Program 2020 (VAPA 2020)	Merced County, Office of Education	\$86,387.00	\$3,613.00	\$90,000.00	
Student Affairs	CAMP	Gamez, O.	Monterey County - Summer Programs 2020	Monterey County Superintendent of Schools	\$212,982.00	\$8,268.00	\$221,250.00	
Student Affairs	CAMP	Gamez, O.	Merced County - English Language Development Institute (ELDI 2020)	Merced County, Office of Education	\$57,636.00	\$2,364.00	\$60,000.00	
Student Affairs	CAMP	Gamez, O.	Fresno County Migrant College Days - Spring 2020	Fresno County Superintendent of Schools (FCSS)	\$9,236.00	\$739.00	\$9,975.00	
Student Affairs	CAMP	Gamez, O.	Kern County Events 2019-2020	Kern County, Office of Education, Migrant Education	\$61,742.00	\$3,733.00	\$65,475.00	
	<b>Total Department Submitted Proposals: 5</b>			<b>Total Department Submitted:</b>	<b>\$427,983.00</b>	<b>\$18,717.00</b>	<b>\$446,700.00</b>	
Student Affairs	EOC	Amaro, J.	Central California Educational Opportunity Center 2019-2020 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$349,999.00	\$27,920.00	\$377,919.00	
	<b>Total Department Submitted Proposals: 1</b>			<b>Total Department Submitted:</b>	<b>\$349,999.00</b>	<b>\$27,920.00</b>	<b>\$377,919.00</b>	
Student Affairs	Services for Students with Disabilities	Flores L	Disabled Student Support Services - 2019-2020 (Year 5 of 5)	U.S. Department of Education (USDE)	\$235,576.00	\$17,456.00	\$253,032.00	
	<b>Total Department Submitted Proposals: 1</b>			<b>Total Department Submitted:</b>	<b>\$235,576.00</b>	<b>\$17,456.00</b>	<b>\$253,032.00</b>	
Student Affairs	Student Affairs	Granados M.	Upward Bound Classic 2019-2020 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$437,721.00	\$27,131.00	\$464,852.00	
Student Affairs	Student Affairs	Granados, M.	Upward Bound NextGen Supplemental Funds 2018-19 (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$37,660.00	\$2,340.00	\$40,000.00	
Student Affairs	Student Affairs	Granados M.	Upward Bound NextGen 2019-2020 CSU, Fresno (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$285,019.00	\$16,894.00	\$301,913.00	
Student Affairs	Student Affairs	Morillo, J.	Good Samaritan Fund	Perenchio Foundation	\$500,000.00	\$0.00	\$500,000.00	
	<b>Total Department Submitted Proposals: 4</b>			<b>Total Department Submitted:</b>	<b>\$1,260,400.00</b>	<b>\$46,365.00</b>	<b>\$1,306,765.00</b>	
Student Affairs	Student Health and Counseling Center	Yarmo K.	Keeping It Sexually Safer (KISS) - (Yr. 1 of 2)	Central Valley Community Foundation (CVCF)	\$37,551.00	\$3,700.00	\$41,251.00	
	<b>Total Department Submitted Proposals: 1</b>			<b>Total Department Submitted:</b>	<b>\$37,551.00</b>	<b>\$3,700.00</b>	<b>\$41,251.00</b>	
Student Affairs	Student Support Services	Escamilla, E.	Veterans Student Support Services (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$251,287.00	\$1,745.00	\$253,032.00	
Student Affairs	Student Support Services	Escamilla, E.	Regular Student Support Services (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$334,558.00	\$1,676.00	\$336,234.00	
Student Affairs	Student Support Services	Russell, K.	Federal Work Study FY 19-20	U.S. Department of Education (USDE)	\$948,918.27	\$0.00	\$948,918.27	
	<b>Total Department Submitted Proposals: 3</b>			<b>Total Department Submitted:</b>	<b>\$1,534,763.27</b>	<b>\$3,421.00</b>	<b>\$1,538,184.27</b>	
Student Affairs	Talent Search	Granados M./ Nunez, O.	Fresno State Educational Talent Search 2019-2020 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$338,378.00	\$26,096.00	\$364,474.00	
Student Affairs	Talent Search	Granados, M/ Figueroa J.	Educational Talent Search Porterville 2019-2020 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$249,046.00	\$18,949.00	\$267,995.00	
Student Affairs	Talent Search	Granados, M/ Figueroa J.	Educational Talent Search Porterville 2019-2020 - Supplement (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$37,037.00	\$2,963.00	\$40,000.00	
Student Affairs	Talent Search	Granados M./ Nunez, O.	Fresno State Educational Talent Search 2019-2020 - Supplement (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$37,037.00	\$2,963.00	\$40,000.00	
	<b>Total Department Submitted Proposals: 4</b>			<b>Total Department Submitted:</b>	<b>\$661,498.00</b>	<b>\$50,971.00</b>	<b>\$712,469.00</b>	
<b>Totals:</b>					<b>\$4,532,656.27</b>	<b>\$178,504.00</b>	<b>\$4,711,160.27</b>	

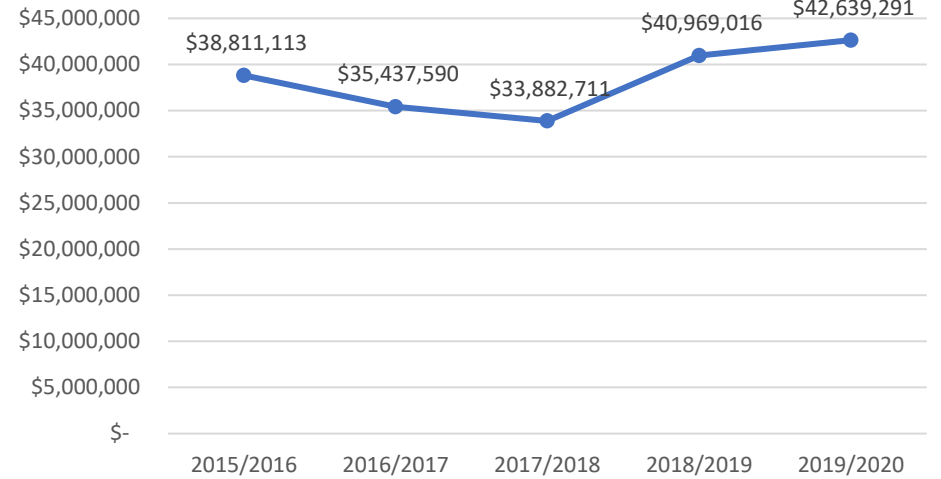


# AWARDS

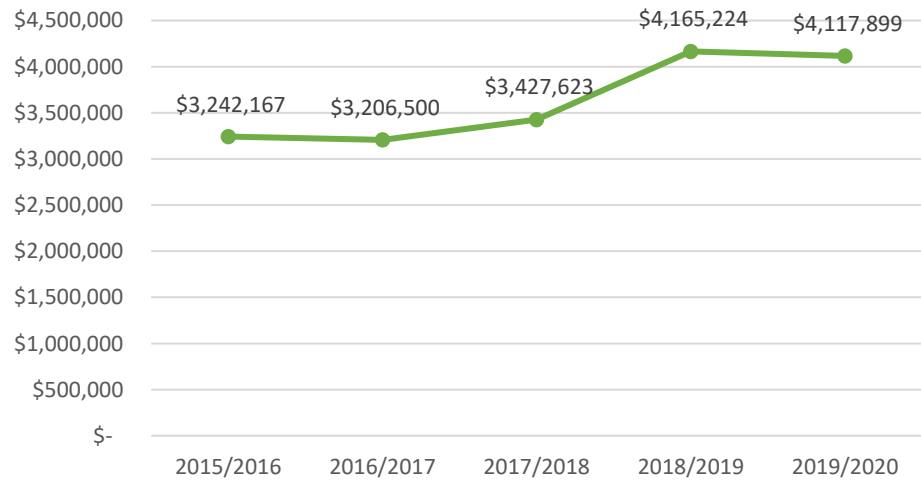
### Total Projects Awarded



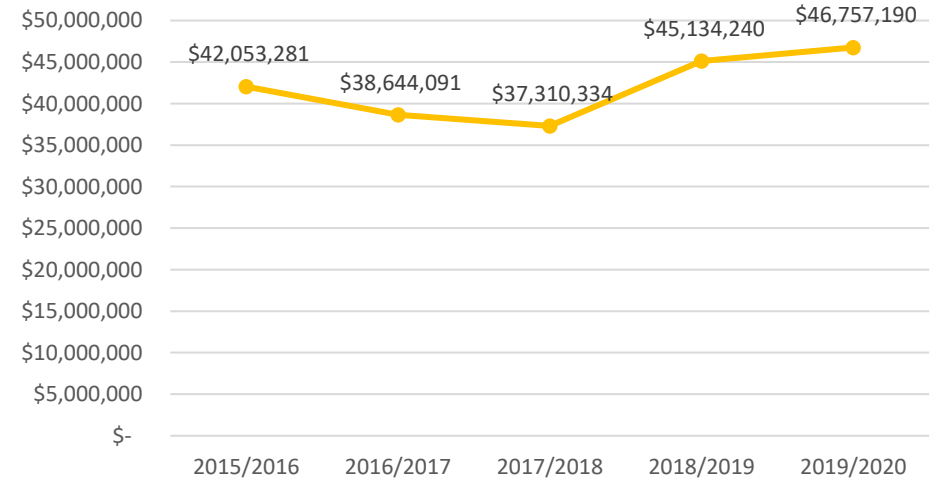
### Total Direct Amount



### Indirect Totals



### Awarded Totals



# AWARDS

## Academic Affairs

Academic Affairs Awards: 25								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Academic Affairs	Center for Faculty Excellence	Berrett, B., / Quiroz, B./ Sanchez R.	Collaborative Research: AGEP Transformation Alliance: CSU Culturally-Informed Strengths Alliance for Underrepresented Minoritized STEM Faculty Engagement & Success(Yr. 1 of 5)	National Science Foundation (NSF)	\$46,442.00	\$18,577.00	\$65,019.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$46,442.00</b>	<b>\$18,577.00</b>	<b>\$65,019.00</b>
Academic Affairs	Provost's Office	Jimenez-Sandoval, S./Alamillo, L/ Lopez D. P.	Ensenamos en el Valle Central (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$749,970.00	\$0.00	\$749,970.00	
Academic Affairs	Provost's Office	Jiménez-Sandoval, S.	STESSA: Improving STEM Teacher Education in High Schools in Egypt (Yr. 2 of 5)	USAID (Passthrough funding the 21st Century Partnership)	\$168,159.00	\$31,950.00	\$200,109.00	
Academic Affairs	Provost's Office	Nef, D./ Herrera, I.	Electric Vehicle Marketing and Uptake in Valley Shared Mobility Systems	Fresno Metro Black Chamber Foundation (Prime: California Energy Commission (CEC))	\$63,025.00	\$11,975.00	\$75,000.00	
Academic Affairs / Soc Sci	Provost's Office / Dean	DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$163,151.00	\$0.00	\$163,151.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Fresno (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Stanislaus (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of San Joaquin (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Merced (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Kern (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Kings (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Madera (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Parent University - County of Tulare (Yr. 2 of 2)	California Advanced Services Fund (CASF)	\$35,758.00	\$0.00	\$35,758.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Herrera, I.	EDA University 2019-2020 (Yr. 3 of 5)	EDA (Passthrough CSU, Chico)	\$66,795.00	\$12,691.00	\$79,486.00	
Academic Affairs	Provost's Office/OCED	Nef, D./Herrera, I.	Ecosystem of Shared Mobility Services in the San Joaquin Valley	Sigala Incorporated	\$21,849.00	\$4,151.00	\$26,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./ Herrera, I.	San Joaquin Valley Rural Development Center: Fresno State Small Business University	California Governor's Office of Business and Economic Development	\$40,000.00	\$0.00	\$40,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Herrera, I.	Emerging Small Businesses - Technical Assistance Training Program Taft Emerging Small Business	U.S. Department of Agriculture (USDA)	\$40,000.00	\$0.00	\$40,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	Fresno State Call Center	California Public Utilities Commission (CPUC)	\$695,652.00	\$104,348.00	\$800,000.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	Parent University 2020 - Mendota	Mendota Unified School District	\$6,522.00	\$978.00	\$7,500.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	Fresno State Call Center - CASF - Adoption	California Public Utilities Commission (CPUC)	\$487,500.00	\$0.00	\$487,500.00	
Academic Affairs	Provost's Office/OCED	Fu, X./Gonzalez, E.	Parent University 2020 - Coalinga-Huron	Coalinga-Huron Unified School District	\$9,783.00	\$1,467.00	\$11,250.00	
<b>Total Department Awards: 20</b>					<b>Total Department Awarded:</b>	<b>\$2,798,470.00</b>	<b>\$167,560.00</b>	<b>\$2,966,030.00</b>
Academic Affairs	Research and Graduate Studies	Marshall, J./Byers, M.	Fresno State McNair Program 2019-2020 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$284,347.00	\$19,292.00	\$303,639.00	
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. 2 of 5)	National Science Foundation (NSF)	\$30,215.00	\$12,086.00	\$42,301.00	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$314,562.00</b>	<b>\$31,378.00</b>	<b>\$345,940.00</b>
Academic Affairs	Richter Center	Fiorentino, M./ Dion, N.	Jumpstart FY 17-18 Private Funding	Jumpstart	\$18,000.00	\$569.00	\$18,569.00	
Academic Affairs	Richter Center	Fiorentino, M./ Dion, N.	Jumpstart FY 19-20 CNCS Funding)	Jumpstart (CNCS Passthrough)	\$172,667.00	\$5,456.00	\$178,123.00	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$190,667.00</b>	<b>\$6,025.00</b>	<b>\$196,692.00</b>
<b>Totals:</b>					<b>\$3,350,141.00</b>	<b>\$223,540.00</b>	<b>\$3,573,681.00</b>	

# Administration

Administration Awards: 8								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Admin	Administration	Adishian-Astone, D.	Higher Education Emergency Relief Fund (CARES - Institutional Aid)	U.S. Department of Education (USDE)	\$16,401,504.00	\$0.00	\$16,401,504.00	
Admin	Administration	Adishian-Astone, D.	Higher Education Emergency Relief Fund (CARES - Student Aid)	U.S. Department of Education (USDE)	\$16,401,054.00	\$0.00	\$16,401,054.00	
Admin	Administration	Adishian-Astone, D.	Higher Education Emergency Relief Fund-Minority Serving Institutions	U.S. Department of Education (USDE)	\$2,445,865.00	\$0.00	\$2,445,865.00	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$35,248,423.00</b>	<b>\$0.00</b>	<b>\$35,248,423.00</b>
Admin	President's Office/Central Valley Higher Education Consortium (CVHEC)	Duran, B.	Central Valley Promise Initiative - Amendment to Yr. 1	State Center Community College District (SCTCD) - (State of California Passthrough)	\$12,875.00	\$1,030.00	\$13,905.00	
Admin	President's Office/CVHEC	Duran, B.	The Fresno talent Hub (Year 3 of 3)	Fresno Compact	\$64,860.00	\$5,640.00	\$70,500.00	
Admin	President's Office/CVHEC	Duran, B.	Central/Mother Lode Regional Consortium 2019-20	State Center Community College District (SCTCD)	\$18,000.00	\$0.00	\$18,000.00	
Admin	President's Office/CVHEC	Duran, B.	CVHEC Backbone	College Futures Foundation	\$694,444.00	\$55,556.00	\$750,000.00	
Admin	President's Office/CVHEC	Duran B.	Central Valley Guided Pathways - (Year 3 of 4)	Chabot-Las Positas Community College District	\$166,708.00	\$13,337.00	\$180,045.00	
<b>Total Department Awards: 5</b>					<b>Total Department Awarded:</b>	<b>\$956,887.00</b>	<b>\$75,563.00</b>	<b>\$1,032,450.00</b>
<b>Totals:</b>					<b>\$36,205,310.00</b>	<b>\$75,563.00</b>	<b>\$36,280,873.00</b>	

# Jordan College of Agriculture and Science Technology

Jordan College of Agriculture and Science Technology : 71								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Ag	Ag Business	Levi, A./Liang, J.	Putting Phenotypic and Genotypic Tools to Work for Improving Walnut Rootstocks (Yr. 2 of 4)	UC Riverside (Prime: USDA NIFA)	\$16,916.00	\$4,736.00	\$21,652.00	
Ag	Ag Business	Asci, S./ Konduru, S.	Cochran Fellowship for Pakistan: Marketing of Almonds and Walnuts	U.S. Department of Agriculture (USDA)	\$47,959.00	\$4,793.00	\$52,752.00	
Ag	Ag Business	Asci, S./ Konduru, S.	Economic Impact Analysis for Pesticide Regulations by Ca-DPR (Yr. 3 of 3)	Department of Pesticide Regulation	\$11,600.00	\$2,900.00	\$14,500.00	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$76,475.00</b>	<b>\$12,429.00</b>	<b>\$88,904.00</b>
Ag	Animal Sciences and Agricultural Education	Tarrant, K./Shinn, S.	Evaluating Environmental Enrichment Structure Design and Implementation for Conventionally-Raised Broiler Chickens (Yr. 2 of 3)	Agricultural Research Institute (ARI)	\$120,000.00	\$0.00	\$120,000.00	
Ag	Animal Sciences and Agricultural Education	Tarrant, K.	Evaluation of Broiler Health Utilizing Activated Barn Fresh Natural Ammonia Control (ABF) on Multi-Flock Litter	Absorbant Products, Ltd.	\$37,200.00	\$3,720.00	\$40,920.00	
Ag	Animal Sciences and Agricultural Education	Vaughn, R.	Charles Parker Office Support Contract No. CN190086 (Yr. 1 of 2)	California Department of Education (CDE)	\$12,963.00	\$1,037.00	\$14,000.00	
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 (Yr. 1 of 2)	Agricultural Research Institute (ARI)	\$30,000.00	\$0.00	\$30,000.00	
Ag	Animal Sciences and Agricultural Education	Thompson, K.	Determining the Effects of a Commercially Available Direct Feed Additive on Overall Growth, Ruminal Development and Health Parameters in Neonatal Dairy Cows	Agricultural Research Institute (ARI)	\$10,000.00	\$0.00	\$10,000.00	
Ag	Animal Sciences and Agricultural Education	Culbertson, A.	Ag Discovery Virtual Summer Enrichment Program 2020	U.S. Department of Agriculture (USDA)	\$42,500.00	\$4,250.00	\$46,750.00	
<b>Total Department Awards: 6</b>					<b>Total Department Awarded:</b>	<b>\$252,663.00</b>	<b>\$9,007.00</b>	<b>\$261,670.00</b>
Ag	CFCs	Hammons, A.	Improving the Health of Hispanic Children and their Families with a Community (Yr. 4 of 4)	University of Illinois (USDA)	\$25,919.00	\$17,279.00	\$43,198.00	
Ag	CIT	Zoldoske D.	Central Valley Regional Innovation Cluster (aka BlueTech Valley Energy Cluster) (Yr. 5 of 5)	California Energy Commission (CEC)	\$151,328.00	\$30,226.00	\$181,554.00	
Ag	CIT	Ashkan, S./Sethuramasamyraja, B.	Pistachio Plant-Based Irrigation Scheduling (Yr. 2 of 2)	Agricultural Research Institute (ARI)	\$38,562.00	\$0.00	\$38,562.00	
Ag	CIT	Vang, K./Moreno, J.	Developing a Mobile Decision Support Nitrate Sampling and Monitoring System (Yr. 2 of 3)	Agricultural Research Institute (ARI)	\$42,432.00	\$0.00	\$42,432.00	
Ag	CIT	Ashkan, S./Sethuramasamyraja, B./ Brar G.	Crop Water Stress Index for Precision Irrigation Scheduling of Pistachio Trees (Yr. 2 of 3)	California Department of Food and Agriculture (CDFA)	\$69,027.00	\$5,252.00	\$74,279.00	
Ag	CIT	Green, S./Ashkan, S.	Developing a Formal Plan for Research as the Result of the Groundwater Management (Yr. 2 of 2)	U.S. Department of Agriculture (USDA)	\$8,257.00	\$3,303.00	\$11,560.00	
Ag	CIT	Petersen, H./Francis, B.	Central Valley Regional Innovation Investment Fund (Yr. 2 of 3)	U.S. Economic Development Administration	\$83,758.00	\$16,752.00	\$100,510.00	
Ag	CIT	Vang, K./ Lone, T./ Cassel-Sharma, F.	ARI: The Organic Production of Agretti in Poor-Quality Soils with Poor Quality Water (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)	\$65,520.00	\$0.00	\$65,520.00	
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 (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI)	\$59,448.00	\$0.00	\$59,448.00	
Ag	CIT	Vang K./Green W.	Development of Low Pressure and Low Flow Media Filtration System - Project 23	Irrigation Innovation Consortium (University of Colorado Passthrough)	\$40,000.00	\$4,000.00	\$44,000.00	
Ag	CIT	Green, S.	RSA Acquisition for Goods and Services RSA # 58-2034-9-023	U.S. Department of Agriculture (USDA) - RSA	\$21,546.00	\$0.00	\$21,546.00	
Ag	CIT	Green, S.	Acquisition for Goods and Services (Additional Funds) RSA #58-2034-9-018 Amendment 1	U.S. Department of Agriculture (USDA) - ARS	\$22,715.00	\$2,272.00	\$24,987.00	
Ag	CIT	Zoldoske, D./Vang, K.	Irrigation Innovation Consortium - Base Project (Year 2 of 5)	Colorado State University (USDA FFA Passthrough)	\$54,000.00	\$6,000.00	\$60,000.00	
Ag	CIT	Green, S.	RSA Acquisition for Goods and Services RSA # 58-2034-9-018 Amendment 2	U.S. Department of Agriculture (USDA) - RSA (Passthrough from California Table Grape Commission)	\$11,788.00	\$0.00	\$11,788.00	
Ag	CIT	Hillyer, C./Vang, K./Green, W.	Advanced Pumping Efficiency Program VII (additional funds) CW19528	Pacific Gas and Electric Company (PG&E)	\$315,946.00	\$91,942.00	\$407,888.00	
Ag	CIT	Hillyer, C./Canessa, P./Green, W.	Advanced Pumping Efficiency Program VII (Testers) CW19539	Pacific Gas and Electric Company (PG&E)	\$297,000.00	\$0.00	\$297,000.00	
<b>Total Department Awards: 16</b>					<b>Total Department Awarded:</b>	<b>\$1,307,246.00</b>	<b>\$177,026.00</b>	<b>\$1,484,272.00</b>
Ag	CWI	Esqueda T.	Training on Post-Harvest Handling and Marketing - Georgia	U.S. Department of Agriculture (USDA) - FAS	\$63,629.00	\$6,363.00	\$69,992.00	
Ag	CWI	Esqueda T./ Green, S.	Sigma Facilitation Support Services Implementation Service Plan	Stantec Consulting Services Inc. (Passthrough- California Department of Water Resources (CDWR))	\$26,568.00	\$2,657.00	\$29,225.00	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$90,197.00</b>	<b>\$9,020.00</b>	<b>\$99,217.00</b>
Ag	Family and Consumer Sciences	Dilbeck, N.	Family Consumer Sciences Curriculum and Professional Development	California Department of Education (CDE)	\$200,000.00	\$50,000.00	\$250,000.00	
Ag	Food Science and Nutrition	Pao/Ferris	Multicultural Scholars Program (Yr. 5 of 5)	CSU Stanislaus (USDA)	\$18,000.00	\$0.00	\$18,000.00	
Ag	Food Science and Nutrition	Dormedy, E	Developing a Generation of Agricultural Change Agents (Yr. 3 of 3)	Texas Tech (USDA)	\$15,969.00	\$6,388.00	\$22,357.00	
Ag	Food Science and Nutrition	Pooya, S.	Effects of Nutritional Preconditioning on Nutritional Status of Patients Undergoing Major Surgeries and Subsequent Operative Outcomes	CSU Agricultural Research Institute (ARI)- Community Medical Centers	\$10,000.00	\$0.00	\$10,000.00	
<b>Total Department Awards: 4</b>					<b>Total Department Awarded:</b>	<b>\$243,969.00</b>	<b>\$56,388.00</b>	<b>\$300,357.00</b>
Ag	IFA	Enysian, B.	Enhancing Implementation and Efficiency of National Sanitary and Phytosanitary Capacity for the Republic of Georgia through Training (Yr. 2 of 2)	U.S. Department of Agriculture (USDA)	\$141,815.00	\$14,182.00	\$155,997.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$141,815.00</b>	<b>\$14,182.00</b>	<b>\$155,997.00</b>
Ag	Industrial Technology/CIT	Sethuramasamyraja/Yeasmin	ARI: Mitigation of Nitrate in Vegetable Crop Through Autonomous Feedback System (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$57,200.00	\$0.00	\$57,200.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$57,200.00</b>	<b>\$0.00</b>	<b>\$57,200.00</b>
Ag	Plant Science	Cassel-Sharma/Goorahoo	ARI: Crop Water Requirements for Onion Production in Semi-Arid Climates (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$49,811.00	\$0.00	\$49,811.00	

Ag	Plant Science	Cassel Sharma, F.	Calculation of On-Farm Crop Water Use Efficiency (Yr. 3 of 3)	CSU Monterey Bay	\$9,091.00	\$909.00	\$10,000.00	
Ag	Plant Science	Ellis, M.	Characterization and Interaction of Fusarium Oxysporum f. sp. Vasinfectum Races and Rhizoctonia Solani on Disease Development in Cotton (Yr. 2 of 2)	California Cotton Ginners & Growers Association	\$29,198.00	\$0.00	\$29,198.00	
Ag	Plant Science	Brar, G.	New Almond production systems research at CSU Fresno: High-density planting, rootstock evaluation and pruning responses trials (Yr. 2 of 2)	Agricultural Research Institute (ARI)	\$40,401.00	\$0.00	\$40,401.00	
Ag	Plant Science	Brar, G.	Overcoming citrus nursery growth issues by using Smart Lighting with Different Photoperiods (Yr. 2 of 2)	Agricultural Research Institute (ARI)	\$22,063.00	\$0.00	\$22,063.00	
Ag	Plant Science	Ellis, M.	Identification of Fusarium Wilt Populations in Cotton Fields and Pathogen Infection for Maintaining Sustainable Production in the USA (Yr. 2 of 2)	U.S. Department of Agriculture - ARS (USDA)	\$18,117.00	\$1,812.00	\$19,929.00	
Ag	Plant Science	Ellis, M.	Identification and assessment of Fusarium oxysporum f. sp. vasinfectum populations in cotton for sustainable production in California. (Yr. 1 of 2)	Agricultural Research Institute (ARI)	\$37,688.00	\$0.00	\$37,688.00	
Ag	Plant Science	Bushoven, J.	Warm Season Turf grass Cultivar Evaluation Under Reduced Irrigation in Central California (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)	\$12,100.00	\$0.00	\$12,100.00	
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)	\$25,000.00	\$0.00	\$25,000.00	
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)	\$5,613.00	\$0.00	\$5,613.00	
Ag	Plant Science	Bushoven, J./Yeasmin, D.	Improving Water and Nitrogen Use Efficiency in Lettuce by Selecting for Root Characteristics (Yr. 1 of 3)	Cal Poly Pomona (Agricultural Research Institute (ARI) Passthrough)	\$29,321.00	\$0.00	\$29,321.00	
Ag	Plant Science	Ellis, M.	Increasing Efforts in Research for Improving Management of Wilt and Seedling Diseases Impacting California Cotton (Lab Tech) (Yr. 1 of 3)	California Cotton Ginners and Growers Association	\$52,500.00	\$0.00	\$52,500.00	
Ag	Plant Science	Brar, G.	Evaluation of Almond Rootstocks	Regents of the University of California	\$11,779.00	\$0.00	\$11,779.00	
Ag	Plant Science	Cassel-Sharma F./Ashkan S./ Goorahoo D.	Satellite and UAS Imagery Use to Implement - Project 7	Irrigation Innovation Consortium (University of Colorado Passthrough)	\$18,000.00	\$2,000.00	\$20,000.00	
Ag	Plant Science	Jacobsen T.	Field Test of Sprinkl Soil Moisture-Issued Irrigation Scheduling Efficacy/Controller Lab Test to EPA Water Senese - Project 24	Irrigation Innovation Consortium (University of Colorado Passthrough)	\$22,763.00	\$2,237.00	\$25,000.00	
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)	\$10,000.00	\$0.00	\$10,000.00	
Ag	Plant Science	Riar, R.	Searching USDA Fababeen Germplasm for Genotypes with Enhanced Biological Nitrogen Fixation	California State University, Chico (Prime CSU, Chico)	\$12,625.00	\$1,010.00	\$13,635.00	
<b>Total Department Awards: 17</b>					<b>Total Department Awarded:</b>	<b>\$406,070.00</b>	<b>\$7,968.00</b>	<b>\$414,038.00</b>
Ag	Plant Science/CIT	Cassel Sharma	ARI: Forage Yield and Quality Under Irrigation with Produced Waters (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$49,377.00	\$0.00	\$49,377.00	
Ag	Plant Science/CIT	Goorahoo/Cassel Sharma/DeJean	ARI: Airjection Irrigation Impact on Oxidative Stress and Vegetables on Soil Nitrogen Cycle Gene Communities (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$61,995.00	\$0.00	\$61,995.00	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$111,372.00</b>	<b>\$0.00</b>	<b>\$111,372.00</b>
Ag	VERC	Gu, Sanliang	ARI: Using Internet of Things and Big Data Analytics to Improve Water Use... (Yr. 3 of 3)	Agricultural Research Institute (ARI)	\$30,000.00	\$0.00	\$30,000.00	
Ag	VERC	Van Zyl, S.	Sample Testing (Yr. 3 of 3)	Allied Grape Growers	\$13,044.00	\$1,956.00	\$15,000.00	
Ag	VERC	Sun, K.	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. 2 of 2)	Agricultural Research Institute (ARI)	\$25,000.00	\$0.00	\$25,000.00	
Ag	VERC	Pedroza, M./Licon, C./Cecotti, H./Shapiro, M.	Characterization of Emotions Evoked by Wine Odorants using Autonomic Nervous System Signals (EMOWINE) (Yr. 2 of 2)	Agricultural Research Institute (ARI)	\$26,900.00	\$0.00	\$26,900.00	
Ag	VERC	Brillante L.	Remote Sensing Assisted Scouting & Roguing of Virus Infections in Grapevine (Yr. 1 of 3)	California Department of Food and Agriculture (CDFA)	\$151,746.00	\$2,838.00	\$154,584.00	
Ag	VERC	Brillante L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Yr. 1 of 3)	American Vineyard Foundation (AVF)	\$23,000.00	\$0.00	\$23,000.00	
Ag	VERC	Van Zyl, S./ Sommer, S.	Producing Red Wine from Field Condition Grapes with Different Levels of Rot Infection (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)- Campus Funding	\$55,500.00	\$0.00	\$55,500.00	
Ag	VERC	Villareal, M.	Evaluation of ceramic beads as a new wine stabilization treatment	Superior Farm Water	\$7,664.00	\$1,150.00	\$8,814.00	
Ag	VERC	Van Zyl, S.	Grape Juice Samples & Analysis	Fetzer Vineyards	\$5,217.00	\$783.00	\$6,000.00	
Ag	VERC	Brillante, L.	Ecophysiological Characterization of Daou Mountain Terrior for Site-Specific Management (Yr. 1 of 3)	Daou Vineyards	\$20,026.00	\$3,004.00	\$23,030.00	
Ag	VERC	Van Zyl, S.	Sample Testing 2019-2020	Agajanian Vineyards & Wine Company	\$2,609.00	\$391.00	\$3,000.00	
Ag	VERC	Brillante, L.	Isotope Analysis on Grape Samples	Michael Wolf Vineyard Services	\$810.00	\$122.00	\$932.00	
Ag	VERC	Brillante L.	Modeling Grapevine Water Status at the Regional Scale Through Analysis and Remote Sensing	CSU Agricultural Research Institute (ARI)- SEED Funding	\$10,000.00	\$0.00	\$10,000.00	
Ag	VERC	Van Zyl, S.	Calibrating spoilage effects in wine using analytic and sensorial data	California Winegrape Inspection Advisory Board	\$65,000.00	\$0.00	\$65,000.00	
Ag	VERC	Sun, K.	Evaluation of Berry Total Phenolics and Total Anthocyanin of Three Different Wine Grape Varieties in San Joaquin Valley (SIV)	UC Agriculture & Natural Resources (AVF Passthrough)	\$3,000.00	\$0.00	\$3,000.00	
Ag	VERC	Sun, K.	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 (Year 2 of 2)	The Wine Group	\$13,043.00	\$1,957.00	\$15,000.00	
Ag	VERC	Brillante L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Yr. 2 of 3)	American Vineyard Foundation (AVF)	\$49,400.00	\$0.00	\$49,400.00	
Ag	VERC	Brillante L.	Control of Vine Mealybug (Planococcus ficus Signoret) in Organic Production (Year 1 of 2)	American Vineyard Foundation (AVF)	\$55,905.00	\$0.00	\$55,905.00	
Ag	VERC	Brillante L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Yr. 2 of 3)	American Vineyard Foundation (AVF)	\$49,437.00	\$0.00	\$49,437.00	
<b>Total Department Awards: 19</b>					<b>Total Department Awarded:</b>	<b>\$607,301.00</b>	<b>\$12,201.00</b>	<b>\$619,502.00</b>
<b>Totals:</b>					<b>\$3,294,308.00</b>	<b>\$298,221.00</b>	<b>\$3,592,529.00</b>	

# College of Arts & Humanities

College of Arts & Humanities: 20								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Arts & Hum	Armenian Studies	Der Mugrdchian, B.	Amplifying Community: Recording the history of the San Joaquin Valley Armenian music production	California Humanities	\$4,390.00	\$439.00	\$4,829.00	
Arts & Hum	Armenian Studies	Der Mugrdchian, B.	California Revealed: Amplifying Community Virtual Archive	California State Library	\$4,720.00	\$0.00	\$4,720.00	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$9,110.00</b>	<b>\$439.00</b>	<b>\$9,549.00</b>
Arts & Hum	Art & Design	Pelaez, G.	Urban Space and Architecture in Bourbon Guanajuato and the Bajío Region	American Philosophical Society	\$5,000.00	\$0.00	\$5,000.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$5,000.00</b>	<b>\$0.00</b>	<b>\$5,000.00</b>
Arts & Hum	Art History	Noonsuk, W.	Japanese Art and Ceramic Traditions in Aichi Prefecture	The Japan Foundation	\$4,929.00	\$0.00	\$4,929.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$4,929.00</b>	<b>\$0.00</b>	<b>\$4,929.00</b>
Arts & Hum	Center for Creativity and the Arts (CCA)	Urrutia, C.	Major Exhibition Planning	McClatchy Foundation	\$30,510.00	\$0.00	\$30,510.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$30,510.00</b>	<b>\$0.00</b>	<b>\$30,510.00</b>
Arts & Hum	Dean	Chapman, H	Prison Arts Collective	Cal Arts (SDSU Passthrough)	\$49,996.00	\$12,499.00	\$62,495.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$49,996.00</b>	<b>\$12,499.00</b>	<b>\$62,495.00</b>
Arts & Hum	English	Cassara, J.	Public Reading & Conversation With Visiting Fiction Writer(s)	California Humanities	\$5,000.00	\$0.00	\$5,000.00	
Arts & Hum	English	Cassara, J.	MacDowell Colony Summer Fellowship	MacDowell Colony	\$0.00	\$0.00	\$0.00	
Arts & Hum	English	Blackburn, V.	Writing Workshops for Communities of Color	California Humanities	\$4,545.00	\$455.00	\$5,000.00	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$9,545.00</b>	<b>\$455.00</b>	<b>\$10,000.00</b>
Arts & Hum	Media, Communications, and Journalism	Therkelsen, J.	Fresno County Hall of Fame Interviews	Fresno County Athletic Hall of Fame	\$36,607.00	\$0.00	\$36,607.00	
Arts & Hum	Media, Communications, and Journalism	Egan, C.	Kings Literacy Initiative Pact (KLIP) Video	John Corcoran Foundation	\$13,309.00	\$1,996.00	\$15,305.00	
Arts & Hum	Media, Communications, and Journalism	Egan, C.	Pump Efficiency Video	UC Ag Extension	\$4,194.00	\$629.00	\$4,823.00	
Arts & Hum	Media, Communications, and Journalism	Egan, C.	Professional Development Web Videos	State Center Community College District (SCCCD)	\$2,753.00	\$413.00	\$3,166.00	
<b>Total Department Awards: 4</b>					<b>Total Department Awarded:</b>	<b>\$56,863.00</b>	<b>\$3,038.00</b>	<b>\$59,901.00</b>
Arts & Hum	Modern and Classical Languages and Literatures	Polegato, A.	Italian Studies Program Support	Italian Cultural Institute of San Francisco	\$8,103.00	\$0.00	\$8,103.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$8,103.00</b>	<b>\$0.00</b>	<b>\$8,103.00</b>
Arts & Hum	Philosophy	Howard, V.	Uberoi Teacher Training Institute Fresno	Uberoi Foundation for Religious Studies	\$10,000.00	\$0.00	\$10,000.00	
Arts & Hum	Philosophy	Howard, V.	Gandhi's Nonviolent Methods and His Global Influence	Uberoi Foundation	\$5,000.00	\$0.00	\$5,000.00	
Arts & Hum	Philosophy	Fiala, A.	Inclusive School Environments	Visalia Unified School District	\$9,937.00	\$1,063.00	\$11,000.00	
Arts & Hum	Philosophy	Howard, V.	Guru Nanak Symposium and Writing Project	Uberoi Foundation	\$1,500.00	\$0.00	\$1,500.00	
Arts & Hum	Philosophy	Keyser, V.	Tech-Based Visualizations of the Scientific Method: CUREs at the Intersection of Humanities and STEM	CSU Chancellor's Office (Stateside)	\$1,000.00	\$0.00	\$1,000.00	
<b>Total Department Awards: 5</b>					<b>Total Department Awarded:</b>	<b>\$27,437.00</b>	<b>\$1,063.00</b>	<b>\$28,500.00</b>
Arts & Hum	Theatre Arts	Sandi-Diaz, G.	Strengthening Latino/Latina/Latinx Leadership Through the Intersection of the Arts and Civic Engagement: A Cultural Organizing Fellowship Program	Pan Valley Institute	\$26,087.00	\$3,913.00	\$30,000.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$26,087.00</b>	<b>\$3,913.00</b>	<b>\$30,000.00</b>
					<b>Totals:</b>	<b>\$227,580.00</b>	<b>\$21,407.00</b>	<b>\$248,987.00</b>

# Sid Craig School of Business

Sid Craig School of Business: 8								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Craig School	Finance and Business Law	Jauregui, A.	Real Estate and Land Use Institute	California State University	\$5,000.00	\$0.00	\$5,000.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$5,000.00	\$0.00	\$5,000.00	
Craig School	Lyles Center	Milevoj, E.	FUSD Summer 2019-2020 STEAM	Fresno Unified School District (FUSD)	\$46,957.00	\$7,043.00	\$54,000.00	
Craig School	Lyles Center	Milevoj, E.	FUSD High School Program 2019-2020	Fresno Unified School District (FUSD)	\$26,087.00	\$3,913.00	\$30,000.00	
Craig School	Lyles Center	Milevoj, E.	FUSD 6th grade 2019 - 2020	Fresno Unified School District (FUSD)	\$453,913.00	\$68,087.00	\$522,000.00	
Craig School	Lyles Center	Milevoj, E.	FUSD 5th grade STEM 2019-2020	Fresno Unified School District (FUSD)	\$337,044.00	\$50,556.00	\$387,600.00	
Craig School	Lyles Center	Milevoj, E.	Sweet Potato Softskills Training	California Department of Food and Agriculture (CDFA) (via West Fresno Health Care Coalition)	\$13,707.00	\$855.00	\$14,562.00	
Craig School	Lyles Center	Milevoj, E.	MUSD Migrant Program STEAM Tunnels	Merced County Office of Education	\$15,652.00	\$2,348.00	\$18,000.00	
	<b>Total Department Awards: 6</b>			<b>Total Department Awarded:</b>	\$893,360.00	\$132,802.00	\$1,026,162.00	
Craig School	Management	Bommer B./Milevoj E.	Statewide Restraint Usage Surveys 2019-20	State of California - Office of Traffic Safety (OTS)	\$266,010.00	\$3,990.00	\$270,000.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$266,010.00	\$3,990.00	\$270,000.00	
<b>Totals:</b>					<b>\$1,164,370.00</b>	<b>\$136,792.00</b>	<b>\$1,301,162.00</b>	

# Kremen School of Education and Human Development

Kremen School of Education and Human Development: 46								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Education	C&I	Patricia L./Walsh N.	Calif. Reading and Literature Project - CSMP (State) Funds - 2019-20	University of California Office of the President (UCOP)	\$30,255.00	\$1,513.00	\$31,768.00	
Education	C&I	Bohlin C.	California Mathematics Project - CSMP (State) Funds - 2019-20	University of California Office of the President (UCOP)	\$22,889.00	\$1,145.00	\$24,034.00	
Education	C&I	Patricia L./Walsh N.	Calif. Reading and Literature Project - ESSA (Federal) Funds - 2019-20	University of California Office of the President (UCOP)	\$40,396.00	\$3,232.00	\$43,628.00	
Education	C&I	Bohlin C.	California Mathematics Project - ESSA (Federal) Funds - 2019-20	University of California Office of the President (UCOP)	\$59,811.00	\$4,785.00	\$64,596.00	
Education	C&I	Bohlin, C.	Math and Science Teacher Initiative (MSTI) 2019-20	California State University	\$220,000.00	\$0.00	\$220,000.00	
Education	C&I	Bohlin, C.	Teacher Recruitment Project (TRP) 2019-20	California State University	\$75,000.00	\$0.00	\$75,000.00	
<b>Total Department Awards: 6</b>					<b>Total Department Awarded:</b>	<b>\$448,351.00</b>	<b>\$10,675.00</b>	<b>\$459,026.00</b>
Education	California Reading and Literature Project (CRLP)	Lopez, P./Walsh, N.	CRLP Results Foundational Skills Training 2019-20	Parlier Unified School District	\$49,225.00	\$4,922.00	\$54,147.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$49,225.00</b>	<b>\$4,922.00</b>	<b>\$54,147.00</b>
Education	CER	Lucey, C.	Sanctuary and Youth Services (2017-22) (Yr. 3 of 5)	Fresno Economic Opportunities Commission (FEOC)	\$66,000.00	\$0.00	\$66,000.00	
Education	CER/CGE	Becton A./Lopez-Ortiz S.	Wayfinders (Year 5 of 5)	U.S. Department of Education (USDE)	\$453,563.00	\$36,285.00	\$489,848.00	
Education	CER/CGE	Becton, A./Lopez-Ortiz, S.	Wayfinders	Anonymous	\$246,250.00	\$3,750.00	\$250,000.00	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - CVRC (2019-2020)	Central Valley Regional Center (CVRC)	\$484,942.27	\$30,953.76	\$515,896.03	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - East Bay (2019-2020)	East Bay Regional Center	\$214,102.81	\$13,666.14	\$227,768.95	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - San Andreas (2019-2020)	San Andreas Regional Center	\$105,895.46	\$6,759.30	\$112,654.76	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Golden Gate (2019-2020)	Golden Gate Regional Center	\$209,463.23	\$13,369.98	\$222,833.21	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Alta (2019-2020)	Alta Regional Center	\$231,034.13	\$14,746.87	\$245,781.00	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Valley Mountain Regional Center (2019-2020)	Valley Mountain Regional Center	\$380,050.69	\$24,258.56	\$404,309.25	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Far Northern Regional Center (2019-2020)	Far Northern Regional Center	\$58,806.41	\$3,753.62	\$62,560.03	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Tri County (2019-2020)	Tri County Regional Center	\$139,445.03	\$8,900.75	\$148,345.78	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - San Gabriel/ Pomona	San Gabriel/Pomona County	\$47,734.00	\$3,046.00	\$50,780.00	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - North Bay	North Bay	\$4,416.95	\$281.93	\$4,698.88	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Kern Regional Center	Kern Regional Center	\$108,855.52	\$6,429.52	\$115,285.04	
Education	CER/CGE	Lopez-Ortiz	Wayfinders - Inland Regional Center	Kern Regional Center	\$105,369.26	\$6,219.76	\$111,589.02	
<b>Total Department Awards: 15</b>					<b>Total Department Awarded:</b>	<b>\$2,855,928.76</b>	<b>\$172,421.19</b>	<b>\$3,028,349.95</b>
Education	Community Based Learning	Price, S.	MUREP Aerospace Academy (Yr. 2 of 2)	National Aeronautics and Space Administration (NASA)	\$150,463.00	\$12,037.00	\$162,500.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$150,463.00</b>	<b>\$12,037.00</b>	<b>\$162,500.00</b>
Education	Counselor Education and Rehabilitation	Lucey, C.	Fresno Family Counseling Center	Fresno County Superintendent of Schools (FCSS)	\$8,227.00	\$773.00	\$9,000.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$8,227.00</b>	<b>\$773.00</b>	<b>\$9,000.00</b>
Education	Dean	Alamillo, L./Ananian-Eastes, E.	Workability IV (2019-22) (Yr. 1 of 3)	California Department of Rehabilitation	\$133,333.00	\$10,667.00	\$144,000.00	
Education	Dean	Marshall	Ticket-to-Work and Self-Sufficiency Program (2019-2020)	Social Security Administration	\$57,335.18	\$3,521.82	\$60,857.00	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$190,668.18</b>	<b>\$14,188.82</b>	<b>\$204,857.00</b>
Education	Internship Program	Price, S.	Regional STEM Hub (2019-20)	Fresno County Superintendent of Schools (FCSS)	\$40,000.00	\$0.00	\$40,000.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$40,000.00</b>	<b>\$0.00</b>	<b>\$40,000.00</b>
Education	Liberal Studies	Nelson F.	Science Teacher Education Pathways (A-STEP) (Yr. 1 of 4)	National Science Foundation (NSF) (via CSU East Bay)	\$19,900.00	\$3,760.00	\$23,660.00	
Education	Liberal Studies	Nelson F.	Western Regional Noyce Alliance (Yr. 3 of 3, Amd. 2)	National Science Foundation (NSF) (via SFSU)	\$23,928.00	\$6,072.00	\$30,000.00	
Education	Liberal Studies	Godfrey, K./ Nelson F.	CRC Administrative Strong Workforce Program Funding	State Center Community College District (SCCCD)	\$10,000.00	\$0.00	\$10,000.00	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$53,828.00</b>	<b>\$9,832.00</b>	<b>\$63,660.00</b>
Education	Literacy, Early, Bilingual & Special Education	Wahleithner, J.	Porterville Summer Writing Academy (Am. 1)	Kern Community College District	\$3,680.00	\$320.00	\$4,000.00	
Education	Literacy, Early, Bilingual & Special Education	Huerta, T.	Central Calif. World Language Project - CSMP State Funds - 2019-20	University of California Office of the President (UCOP)	\$16,667.00	\$833.00	\$17,500.00	
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)	\$30,652.00	\$1,533.00	\$32,185.00	
Education	Literacy, Early, Bilingual & Special Education	Bennett, L/ Yun, C./ Horsley, H.	BranchED Performance-Based Coaching (Yr. 1 of 3)	Branch Alliance for Educator Diversity	\$100,697.00	\$6,770.00	\$107,467.00	
Education	Literacy, Early, Bilingual & Special Education	Huerta, T.	Central Calif. World Language Project - ESSA (Federal) Funds - 2019-20	University of California Office of the President (UCOP)	\$34,896.00	\$2,792.00	\$37,688.00	



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)	\$36,187.00	\$2,895.00	\$39,082.00	
Education	Literacy, Early, Bilingual and Special Education	Herrera, L.	MUSD Teacher Residency Program	Madera Unified School District	\$24,890.00	\$2,489.00	\$27,379.00	
<b>Total Department Awards: 7</b>					<b>Total Department Awarded:</b>	<b>\$247,669.00</b>	<b>\$17,632.00</b>	<b>\$265,301.00</b>
Education	Welty Center	Boris, V.	Executive Coaching 2019-20	Fresno Unified School District (FUSD)	\$36,040.00	\$4,760.00	\$40,800.00	
Education	Welty Center	Boris, V.	Executive Coaching Training - 2018-19	Twin Rivers Unified School District	\$24,300.00	\$2,700.00	\$27,000.00	
Education	Welty Center	Boris, V.	Building Coherence in Our Schools - 2019-20	Dinuba Unified School District	\$27,195.00	\$2,705.00	\$29,900.00	
Education	Welty Center	Boris, V.	Internal Coherence Training - 2019-20	Lindsay Unified School District	\$50,250.00	\$5,150.00	\$55,400.00	
Education	Welty Center	Boris, V.	Math Learning Academy (Jefferson) - 2019-20	Lindsay Unified School District	\$48,977.00	\$5,023.00	\$54,000.00	
Education	Welty Center	Boris, V.	Internal Coherence Training - 2019-20	Twin Rivers Unified School District	\$112,600.00	\$12,400.00	\$125,000.00	
Education	Welty Center	Boris, V.	CUSD School Climate Transformation	Clovis Unified School District	\$54,545.00	\$5,455.00	\$60,000.00	
Education	Welty Center	Franks, M.	Clovis USD Positivity Project 2020	Clovis Unified School District (Passthrough)	\$20,000.00	\$2,000.00	\$22,000.00	
Education	Welty Center	Boris, V.	Internal Coherence Training - 2019-20 (Amendment 1)	Twin Rivers Unified School District	\$8,191.00	\$809.00	\$9,000.00	
<b>Total Department Awards: 9</b>					<b>Total Department Awarded:</b>	<b>\$382,098.00</b>	<b>\$41,002.00</b>	<b>\$423,100.00</b>
<b>Totals:</b>					<b>\$4,426,457.94</b>	<b>\$283,483.01</b>	<b>\$4,709,940.95</b>	

# Lyles College of Engineering

Lyles College of Engineering: 27								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Engrg	Civil and Geomatics Engrg	Lubo L.	INFEWS: US-China: Collaborative Research: Investigating the Role of Wet Wastes in the Global Circular Economy: Sustainable Conversion to Products using Hydrothermal Carbonization (Yr. 1 of 3)	National Science Foundation (NSF)	\$45,110.00	\$18,044.00	\$63,154.00	
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)	\$50,000.00	\$0.00	\$50,000.00	
Engrg	Civil and Geomatics Engrg	Tehrani, F.	FCC S-STEM (Yr. 1 of 5)	Fresno City College (National Science Foundation (NSF) Passthrough)	\$5,658.00	\$2,263.00	\$7,921.00	
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 (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)	\$43,428.00	\$0.00	\$43,428.00	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Motor Mobile - Low Carbo Fuel Investments (Yr. 2 of 2)	California Energy Commission (CEC)	\$24,000.00	\$6,000.00	\$30,000.00	
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 - Project 17	Irrigation Innovation Consortium (University of Colorado Passthrough)	\$44,847.00	\$4,485.00	\$49,332.00	
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 (Yr. 2 of 2)	California Department of Food and Agriculture (CDFA)	\$237,500.00	\$47,500.00	\$285,000.00	
Engrg	Civil and Geomatics Engrg	Tawfik	Fresno State Transportation Institute (Yr. 3 of 5)	Fresno Council of Governments	\$673,718.00	\$76,158.00	\$749,876.00	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	San Joaquin Valley Electric Tractor Development and Demonstration (Yr. 2 of 3)	Project Clean Air	\$32,130.00	\$1,607.00	\$33,737.00	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Sustainable Transportation: Innovative Transportation Research for California... (SB1 Funding) (Yr. 3 of 3)	San Jose State University	\$131,740.00	\$18,260.00	\$150,000.00	
Engrg	Construction Management	Wu, W.	EXP: Collaborative Research; Cultivating Apprenticeship Learning for Architecture, Engineering, and Construction Using Mixed Reality (Yr. 3 of 3)	National Science Foundation (NSF)	\$30,356.00	\$12,142.00	\$42,498.00	
<b>Total Department Awards: 11</b>					<b>Total Department Awarded:</b>	<b>\$1,318,487.00</b>	<b>\$186,459.00</b>	<b>\$1,504,946.00</b>
Engrg	Dean	Larralde-Muro, J.	National Internship 2019-2020	USDA Forest Service	\$16,171.00	\$2,426.00	\$18,597.00	
Engrg	Dean	Larralde-Muro, J.	CalFire Service Order - Stopgap	CalFire	\$7,417.00	\$1,854.00	\$9,271.00	
Engrg	Dean	Larralde-Muro, J.	NRCS Career Development Program 2019	U.S. Department of Agriculture (USDA)	\$45,454.00	\$4,546.00	\$50,000.00	
Engrg	Dean	Nunna, R./ Prieto, B.	MESA School Program 2019-2020	The Regents of University of California, Office of the President	\$171,429.00	\$8,571.00	\$180,000.00	
Engrg	Dean	Larralde-Muro, J.	Student Assistant Support at California State University, Fresno (Year 1 of 4)	California Department of Forestry and Fire Protection	\$3,666.70	\$916.67	\$4,583.37	
<b>Total Department Awards: 5</b>					<b>Total Department Awarded:</b>	<b>\$244,137.70</b>	<b>\$18,313.67</b>	<b>\$262,451.37</b>
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering Subcontract No. 1556698 Modification No. 008 (Yr. 1 of 3)	Jet Propulsion Laboratory (JPL) (NASA Passthrough)	\$135,742.00	\$54,297.00	\$190,039.00	
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	CSUPERB	\$15,000.00	\$0.00	\$15,000.00	
Engrg	Electrical and Computer Engrg	Wang, N.	Smart Wearable Textile Sensor System for Exercise Clothes	Beijing Feiduo Technology Company, LTD	\$43,478.00	\$6,522.00	\$50,000.00	
Engrg	Electrical and Computer Engrg	Wang, N./ Na, W.	NeTS: Small; RU; Bulldog Mote - Low Power Sensor Node and Design Methodologies (Yr. 2 of 3)	National Science Foundation (NSF)	\$97,978.00	\$39,191.00	\$137,169.00	
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering Subcontract No. 1556698 Modification No. 00 (Yr. 3 of 5)	Jet Propulsion Laboratory (JPL) (NASA Passthrough)	\$93,571.00	\$37,429.00	\$131,000.00	
Engrg	Electrical and Computer Engrg	Kim, Y.	Drone Characterization 2020	Daegu Gyeongbuk Institute of Science and Technology (South Korea) (DGIST)	\$36,827.00	\$5,524.00	\$42,351.00	
Engrg	Electrical and Computer Engrg	Kinman, P.	Advanced DSN Engineering (Modification No.10/ Sub No. 1556698)	Jet Propulsion Laboratory (JPL) (NASA Passthrough)	\$45,714.00	\$18,286.00	\$64,000.00	
Engrg	Electrical and Computer Engrg	Kim, Y.	Sensor Data Fusion 2020	Electronics and Telecommunications Research Institute (ETRI)	\$43,478.00	\$6,522.00	\$50,000.00	
<b>Total Department Awards: 8</b>					<b>Total Department Awarded:</b>	<b>\$511,788.00</b>	<b>\$167,771.00</b>	<b>\$679,559.00</b>
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)	\$64,989.00	\$25,996.00	\$90,985.00	
Engrg	Mechanical Engrg	Liang, Z.	RU: Thermal Transport Across Liquid Gas Interfaces (Yr. 2 of 3)	National Science Foundation (NSF)	\$65,763.00	\$26,305.00	\$92,068.00	
Engrg	Mechanical Engrg	Nguyen, T.	Design and Manufacturing of a Produce Sort Line 2019-2020	Central California Food Bank	\$13,495.00	\$2,024.00	\$15,519.00	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$144,247.00</b>	<b>\$54,325.00</b>	<b>\$198,572.00</b>
<b>Totals:</b>					<b>\$2,218,659.70</b>	<b>\$426,868.67</b>	<b>\$2,645,528.37</b>	

# Henry Madden Library

Henry Madden Library : 1								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Henry Madden Library	Research Services	Barnes, G.	Lift Every Voice	Library of America	\$1,200.00	\$0.00	\$1,200.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	\$1,200.00	\$0.00	\$1,200.00
						\$1,200.00	\$0.00	\$1,200.00

# College of Health and Human Services

College of Health and Human Services: 56								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Hith & HS	Central California Center for Health and Human Services (CCCHHS)	DeRoo, D.	San Joaquin Public Health Consortium Planning Grant	The California Endowment	\$17,391.00	\$2,609.00	\$20,000.00	
Hith & HS	Central California Center for Health and Human Services (CCCHHS)	DeRoo, D.	San Joaquin Public Health Consortium Increasing Strategic Capacity Grant	The California Endowment	\$13,043.00	\$1,957.00	\$15,000.00	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$30,434.00</b>	<b>\$4,566.00</b>	<b>\$35,000.00</b>
Hith & HS	CVHPI	Capitman, J./Bengiamin, M.	Oral Health Policy Messaging (Supplemental Funding)	DentaQuest Foundation	\$2,522.00	\$378.00	\$2,900.00	
Hith & HS	CVHPI	Capitman, J./ Pacheco-Werner	Climate Justice and Health Narrative Project	Asian Pacific Environmental Network	\$5,826.00	\$874.00	\$6,700.00	
Hith & HS	CVHPI	Garza, M./ Lessard, L.	Comparing Approaches to Enhanced Prenatal Care - GLOW - Phase II (Yr. 1 of 4)	Patient-Centered Outcomes Research Institute (via UCSF)	\$600,239.00	\$233,874.00	\$834,113.00	
Hith & HS	CVHPI	Capitman, J./Pacheco, T.	Developing the Region's Inclusive and Vibrant Economy (DRIVE)	Fresno Building Healthy Communities	\$63,360.00	\$11,639.00	\$74,999.00	
Hith & HS	CVHPI	Capitman, J./Bengiamin, M.	Local Oral Health Evaluation Services (Yr. 2 of 3)	County of Fresno	\$43,478.00	\$6,522.00	\$50,000.00	
Hith & HS	CVHPI	Capitman, J./ Lessard, L.	Group Prenatal Care Demonstration (GLOW) (Yr. 3 of 3) - 2019-2020	UCSF (via First 5 Fresno County)	\$366,248.00	\$36,625.00	\$402,873.00	
Hith & HS	CVHPI	Pacheco-Werner, T.	Climate Change and Health Equity	Kresge Foundation (via Leadership Counsel for Justice and Accountability)	\$17,778.00	\$2,222.00	\$20,000.00	
Hith & HS	CVHPI	Capitman, J./Megally, H.	NNPHI/OPEN Grassroots Stipend/Supplement	DentaQuest	\$2,174.00	\$326.00	\$2,500.00	
Hith & HS	CVHPI	DeRoo, D.	Advancing prevention policy innovation and adoption: The San Joaquin Valley Public Health Consortium (Yr. 1 of 2)	Blue Shield of California Foundation	\$98,826.00	\$14,824.00	\$113,650.00	
Hith & HS	CVHPI	Capitman, J./ Berg, H.	Central Valley Coordination	California School Based Health Alliance	\$17,391.00	\$2,609.00	\$20,000.00	
Hith & HS	CVHPI	Bengiamin, M	Evaluation for Health Equity 2018-21 (Yr. 2 of 3)	California Endowment	\$175,197.00	\$26,280.00	\$201,477.00	
Hith & HS	CVHPI	Capitman, J./Pacheco-Werner, T.	Safety Through Connections	Robert Wood Johnson Foundation (via Cultiva la Salud)	\$4,348.00	\$652.00	\$5,000.00	
Hith & HS	CVHPI	Capitman, J./Pacheco, T.	Race and Equity Advisory Committee DRIVE	Central Valley Community Foundation (CVCF)	\$17,391.00	\$2,609.00	\$20,000.00	
Hith & HS	CVHPI	Capitman, J.	Nutrition Education Obesity Prevention (NEOP) (Yr. 2 of 3)	County of Fresno	\$86,400.00	\$21,600.00	\$108,000.00	
Hith & HS	CVHPI	Capitman, J.	Fresno County Collaboration for Wellness (Yr. 2 of 3)	County of Fresno	\$51,383.00	\$13,616.00	\$64,999.00	
Hith & HS	CVHPI	Bengiamin, M	Reducing Disparity Project Evaluation (Yr. 4 of 5)	West Fresno Family Resource Center	\$39,877.00	\$5,689.00	\$45,566.00	
Hith & HS	CVHPI	Capitman, J./DeRoo, D./Berg, H.	Improving Public Health Communications to Address Covid-19	Blue Shield Foundation Covid-19	\$69,565.00	\$10,435.00	\$80,000.00	
Hith & HS	CVHPI	Capitman, J.	Covid-19 Support	The California Endowment	\$134,739.00	\$15,261.00	\$150,000.00	
<b>Total Department Awards: 18</b>					<b>Total Department Awarded:</b>	<b>\$1,796,742.00</b>	<b>\$406,035.00</b>	<b>\$2,202,777.00</b>
Hith & HS	Nursing	Spencer, J./Gilbert, M.	SB RN Special Program	Office of Statewide Health Planning and Development (OSHPD)	\$114,461.00	\$9,157.00	\$123,618.00	
Hith & HS	Nursing/CCCN	Gilbert, M.	SB RN Capitation 2019-21 (Yr. 1 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$96,000.00	\$0.00	\$96,000.00	
Hith & HS	Nursing/CCCN	Gilbert, M./Nair, N.	SB RN Special Programs '20-'22 (Yr. 1 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$63,261.00	\$5,061.00	\$68,322.00	
Hith & HS	Nursing/CCCN	Gilbert, M.	SB RN Capitation 2020-2022 (Yr. 1 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$120,000.00	\$0.00	\$120,000.00	
<b>Total Department Awards: 4</b>					<b>Total Department Awarded:</b>	<b>\$393,722.00</b>	<b>\$14,218.00</b>	<b>\$407,940.00</b>
Hith & HS	Physical Therapy	Roos J./ Bhupinder S.	Gait Analysis of Individuals (Yr. 2 of 3)	San Joaquin Valley Rehabilitation Hospital	\$4,198.00	\$802.00	\$5,000.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$4,198.00</b>	<b>\$802.00</b>	<b>\$5,000.00</b>
Hith & HS	Public Health	Zografos, K.	Biostatistical Analysis 2020-23 (Yr. 1 of 3)	Valley Children's Healthcare	\$6,522.00	\$978.00	\$7,500.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$6,522.00</b>	<b>\$978.00</b>	<b>\$7,500.00</b>
Hith & HS	Recreation Admin	Whiting, J.	Impacts of R3 Efforts Targeting College Students	Association of Fish & Wildlife Agencies (via N.C. State)	\$4,313.00	\$587.00	\$4,900.00	
Hith & HS	Recreation Admin	Lankford, S./ Lankford, J./ Taylor, B.	City of Kerman Park and Recreation Master Plan	City of Kerman	\$20,970.00	\$2,097.00	\$23,067.00	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$25,283.00</b>	<b>\$2,684.00</b>	<b>\$27,967.00</b>
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Sonoma Co Safety Organized Practice Training Services 2019-20	County of Sonoma	\$87,963.00	\$7,037.00	\$95,000.00	
Hith & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	Stanislaus Grievance Review Officer 2019-21 (Yr. 1 of 2)	Stanislaus County Community Services Agency	\$6,521.50	\$978.50	\$7,500.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Ventura County Grievance Review 2019-20	Ventura Human Services Agency	\$8,964.00	\$1,306.00	\$10,270.00	
Hith & HS	Social Work Education	Foster, D./Vungkhanching M./Foster, B.	Kings County Core Practice Model/Safety Organized Training 2019-20(Yr. 2 of 3)	Kings County	\$97,500.00	\$14,625.00	\$112,125.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Solano County Child Welfare Training 2019-20	County of Solano	\$65,084.00	\$5,207.00	\$70,291.00	
Hith & HS	Social Work Education	Vungkhanching, M.	Title IV-E Social Work Training Program 2019-20 (Yr. 2 of 2)	California Social Work Education Center (CalSWEC)	\$2,988,593.00	\$269,175.00	\$3,257,768.00	
Hith & HS	Social Work Education	Foster, D. / Foster, B. / Vungkhanching, M.	BAA-CFPC California Core Practice Model 2019-20	Child and Family Policy Institute of California	\$69,444.00	\$5,556.00	\$75,000.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Napa County Child Welfare Services 2019-20	Napa County	\$217,464.00	\$17,397.00	\$234,861.00	
Hith & 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	\$116,872.00	\$17,531.00	\$134,403.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA CDSS Master '19 (Yr. 2 of 3)	California Department of Social Services (CDSS)	\$2,836,783.00	\$283,678.00	\$3,120,461.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA/CFPIC California Core Practice Model 2019-2020	Child and Family Policy Institute of California	\$65,217.00	\$9,783.00	\$75,000.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Monterey County Child Welfare Training 2019-20	County of Monterey	\$162,736.00	\$13,018.00	\$175,754.00	
Hith & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA Marin County Training 2019-20	County of Marin	\$185,616.00	\$14,849.00	\$200,465.00	

Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Ventura County Field Based Training 2019-20	Ventura County Human Services	\$272,137.00	\$40,821.00	\$312,958.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	Madera County Safety Organized Practice 2019-20	Madera County Department of Social Services	\$115,992.00	\$17,399.00	\$133,391.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA BAA Santa Cruz CWS Training 2019-21(Yr. 1 of 2)	County of Santa Cruz Human Services Department	\$125,544.00	\$10,043.00	\$135,587.00	
Hlth & HS	Social Work Education	Foster, D./ Foster, B./ Vungkhanching, M.	San Luis Obispo County Peer Review 2019	County of San Luis Obispo	\$22,457.00	\$3,369.00	\$25,826.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA BAA San Francisco CWS 2019-23 (Yr. 1 of 4)	County of San Francisco	\$535,104.00	\$42,808.00	\$577,912.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA Contra Costa CWS '19 (Yr. 2 of 3)	Contra Costa County Employment and Human Services	\$231,482.00	\$18,518.00	\$250,000.00	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching M./Foster, B.	Calaveras Grievance Review Officer '19 (Yr. 2 of 2)	Calaveras County	\$4,347.00	\$653.00	\$5,000.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA/BAA Alameda County CWS '18 (Yr. 3 & 4 of 4)	County of Alameda	\$361,243.00	\$28,899.00	\$390,142.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA-BAA San Mateo CWS 2019-22 (Yr. 1 of 3)	San Mateo County Human Services Agency	\$257,630.00	\$20,610.00	\$278,240.00	
Hlth & HS	Social Work Education	Blankenship, D./Foster, B.	APS Training Academy 2017-2018 (Yr. 4 of 4)	California Department of Social Services (CDSS)	\$881,923.00	\$88,192.00	\$970,115.00	
Hlth & HS	Social Work Education	Foster, D./Vungkhanching/Foster, B.	CCTA Kern County Safety Organized Practice Training (Yr. 3 of 5)	Kern County Department of Human Services	\$164,300.00	\$65,720.00	\$230,020.00	
Hlth & HS	Social Work Education	Foster, D./Foster, B./Vungkhanching, M.	CCTA CDSS Master '19 (Yr. 2 of 3)	California Department of Social Services (CDSS)	\$3,299,383.00	\$329,938.00	\$3,629,321.00	
Hlth & HS	Social Work Education	Foster, D./Mathias, C.	San Mateo Grievance Review Officer 2018-21 (Amd. 1)	San Mateo County	\$8,913.00	\$1,337.00	\$10,250.00	
Hlth & HS	Social Work Education	Blankenship, D./Foster, D./ Vungkhanching, M.	Adult Protective Services (APS) Training - 2019-20 (Amd. 1) (Yr. 1 of 3)	California Department of Social Services (CDSS)	\$1,222,938.00	\$122,294.00	\$1,345,232.00	
Hlth & HS	Social Work Education	Foster, B./Foster, D./Vungkhanching, M.	San Joaquin County Grievance Review Officer '20	San Joaquin County Human Service Agency	\$34,000.00	\$6,000.00	\$40,000.00	
<b>Total Department Awards: 28</b>					<b>Total Department Awarded:</b>	<b>\$14,446,150.50</b>	<b>\$1,456,741.50</b>	<b>\$15,902,892.00</b>

<b>Totals:</b>	<b>\$16,703,051.50</b>	<b>\$1,886,024.50</b>	<b>\$18,589,076.00</b>
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# College of Science and Mathematics

College of Science and Mathematics: 60								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Sci & Math	Biology	Muller, U.	SICB Symposium 2020 - Animal and Plant Biomechanics	National Science Foundation (NSF)	\$10,000.00	\$0.00	\$10,000.00	
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: USDA)	\$27,090.00	\$10,836.00	\$37,926.00	
Sci & Math	Biology	Telemeco, R.	Scientific Meeting Grant	Company of Biologists	\$3,650.00	\$0.00	\$3,650.00	
Sci & Math	Biology	Muller, U.	Scientific Meeting Grant - SICB Annual Meeting 2020	The Company of Biologists	\$3,003.50	\$0.00	\$3,003.50	
Sci & Math	Biology	Reece, J.	Bat monitoring, conservation and outreach in Sequoia and Kings Canyon National Parks	Sequoia Parks Conservancy	\$3,148.00	\$551.00	\$3,699.00	
Sci & Math	Biology	Waselkov, K.	Plant Exploration for Crop Improvement	U.S. Department of Agriculture (USDA)	\$9,936.00	\$0.00	\$9,936.00	
Sci & Math	Biology	Reece, J.	Process Bat Calls from Acoustic Units at Sequoia and Kings Canyon National Parks	National Park Service (CESU)	\$10,256.00	\$1,795.00	\$12,051.00	
Sci & Math	Biology	Blumenshine, S.	Influence & Impact of Water Allocation for Salmon Restoration (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI)	\$307,515.00	\$0.00	\$307,515.00	
Sci & Math	Biology	Bush, J.	Metabolomics Analysis of HER2-Positive Breast Cancer Cells (Yr. 3 of 4)	National Institutes of Health (NIH)	\$75,000.00	\$30,000.00	\$105,000.00	
Sci & Math	Biology	Ross J.	Genetic Basis of Sperm Mitochondrial Elimination (Yr. 3 of 3)	National Institutes of Health (NIH)	\$100,000.00	\$40,000.00	\$140,000.00	
Sci & Math	Biology	Telemeco, R.	Evaluating the reproductive ecology of Blunt-Nosed Leopard Lizards	Fresno Chaffee Zoo	\$14,498.00	\$0.00	\$14,498.00	
Sci & Math	Biology	Ross, J.	Type II: California State University Innovation Site	CSUPERB (SDSU Passthrough)	\$5,900.00	\$0.00	\$5,900.00	
Sci & Math	Biology	Waselkov, K./Shrestha, A.	ARI: Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in Amaranthus palmeri (Yr. 1 of 3)	Agricultural Research Institute (ARI)	\$51,969.00	\$0.00	\$51,969.00	
Sci & Math	Biology	Lent, D.	Supplemental Award: CAREER: Navigation in Naturalistic and Changing Environments: Perception, Learning and Memory	National Science Foundation (NSF)	\$1,711.00	\$684.00	\$2,395.00	
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 (NIH) (UC Merced Passthrough)	\$11,727.00	\$4,691.00	\$16,418.00	
Sci & Math	Biology	Lent, D.	CAREER: Navigation in Naturalistic and Changing Environments (Yr. 5 of 5)	National Science Foundation (NSF)	\$99,019.00	\$32,288.00	\$131,307.00	
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. 2 of 3)	Cal Poly SLO (National Science Foundation (NSF) Passthrough)	\$12,380.00	\$4,952.00	\$17,332.00	
<b>Total Department Awards: 17</b>					<b>Total Department Awarded:</b>	<b>\$746,802.50</b>	<b>\$125,797.00</b>	<b>\$872,599.50</b>
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)	\$1,071,023.00	\$0.00	\$1,071,023.00	
Sci & Math	Chemistry	Chen, Qiao-Hong	Development of Stabilized Zampnonide Mimics as Chemotherapeutics (Yr. 3 of 3)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$100,000.00	\$40,000.00	\$140,000.00	
Sci & Math	Chemistry	Krishnan, V.	Effect of Western Diet in Gastrointestinal Cancer by NMR Metabolomics (Yr. 2 of 4)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$75,000.00	\$30,000.00	\$105,000.00	
Sci & Math	Chemistry	DeLaCerde, L/ Goto, J.	LSAMP Participant Support 2019-2020 (National Science Fdn)	Sacramento State (National Science Foundation (NSF) Passthrough)	\$20,000.00	\$0.00	\$20,000.00	
Sci & Math	Chemistry	DeLaCerde, L/ Goto, J.	LSAMP Participant Support 2019-2020 (Chancellor's Office)	Sacramento State University (CO Passthrough)	\$54,054.00	\$0.00	\$54,054.00	
Sci & Math	Chemistry	Brooks, C.	Quest Pharma: Humanized AR9.6 Stable CHO Cell Line Limiting Dilution (Yr. 2 of 2)	Quest Pharmaceutical	\$1,117.00	\$168.00	\$1,285.00	
Sci & Math	Chemistry	Brooks, C.	Purification of Recombinant MUC1 Antigen	Quest Pharmaceutical	\$2,100.00	\$315.00	\$2,415.00	
Sci & Math	Chemistry	Brooks, C.	Development of an ExpiCHO Stable Cell Line Expressing the MUC1 Specific IgE Antibody 4H5	Quest Pharmaceutical	\$30,201.00	\$4,530.00	\$34,731.00	
Sci & Math	Chemistry	Brooks, C.	A Novel Class of Holocephalin Heavy Chain-Only Antibodies	National Research Council Canada	\$17,497.00	\$1,750.00	\$19,247.00	
Sci & Math	Chemistry	Uchida, M.	Nanomufacturing of Protein Macromolecular Frameworks Through an Integrated Bioengineering and Computational Approach (Yr. 2 of 3)	National Science Foundation (NSF)	\$142,127.00	\$20,898.00	\$163,025.00	
Sci & Math	Chemistry	Hawker, M.	Optimizing plasma conditions to customize silk film chemistry while retaining morphology	CSUPERB	\$15,000.00	\$0.00	\$15,000.00	
Sci & Math	Chemistry	Donnelly	Enhancing the Quality of Undergraduate Investigation in Physical Science (Yr. 3 of 3)	National Science Foundation (NSF)	\$63,481.00	\$25,392.00	\$88,873.00	
Sci & Math	Chemistry	Krishnan, K./Calderon-Urrea, A./Bush, J./Goto, J./Chen, Q.	RISE Program at Fresno State (Yr. 2 of 5)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$479,339.00	\$38,347.00	\$517,686.00	
Sci & Math	Chemistry	Goto, J.	Study of L-serine on Viability of Drosophila	Brain Chemistry Labs	\$10,000.00	\$0.00	\$10,000.00	
Sci & Math	Chemistry	Goto, J./Markin, M./Benes, S./Larralde-Muro, J.	LSAMP BD: California State University, Fresno, CSU-LSAMP-BD Cohort 16 (Yr. 1 of 2)	Sacramento State University (National Science Foundation (NSF) Passthrough)	\$528,000.00	\$0.00	\$528,000.00	
Sci & Math	Chemistry	Krishnan, V.	Introduction to Quantitative Genomic Analysis - A CUREs Approach - 5R25GM131956 Supplemental	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$80,000.00	\$1,984.00	\$81,984.00	
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 Institutes of Health (NIH)	\$222,204.00	\$14,812.00	\$237,016.00	
<b>Total Department Awards: 17</b>					<b>Total Department Awarded:</b>	<b>\$2,911,143.00</b>	<b>\$178,196.00</b>	<b>\$3,089,339.00</b>
Sci & Math	Computer Science	Panagopoulos A./ Ashkan S.	Automating Pistachio Canopy Temperature Identification: A Machine Learning Approach (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI)	\$31,984.00	\$0.00	\$31,984.00	
Sci & Math	Computer Science	Pirouz, M./ Mehta, R./ Donnelly, D./ Walter, M.	Critical and Transdisciplinary Applications of Computational Thinking (CTACT) (Yr. 1 of 5)	National Science Foundation (NSF)	\$208,306.00	\$23,722.00	\$232,028.00	
Sci & Math	Computer Science	Panagopoulos, A.	Customer-controlled, Price-mediated, Automated Demand Response for Commercial Buildings	UC Berkeley (California Energy Commission (CEC) Passthrough)	\$24,000.00	\$6,000.00	\$30,000.00	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$264,290.00</b>	<b>\$29,722.00</b>	<b>\$294,012.00</b>
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) - (Yr. 1 of 3)	National Science Foundation (NSF)	\$217,966.00	\$85,986.00	\$303,952.00	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$217,966.00</b>	<b>\$85,986.00</b>	<b>\$303,952.00</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. 3 of 3)	David B. Jones Foundation	\$7,579.00	\$3,032.00	\$10,611.00	

Sci & Math	Earth & Environmental Sciences	Putirka, K.	MRI: Replacement Of A Wavelength Dispersive X-Ray Fluorescence Spectrometer For Teaching And Research At Fresno State	National Science Foundation (NSF)	\$352,088.00	\$0.00	\$352,088.00
Sci & Math	Earth & Environmental Sciences	Putirka, K.	RUI: COLLABORATIVE PROPOSAL: TECTONIC CONTROLS ON ARC EVOLUTION (Yr. 2 of 3)	National Science Foundation (NSF)	\$43,905.00	\$17,562.00	\$61,467.00
<b>Total Department Awards: 3</b>				<b>Total Department Awarded:</b>	<b>\$403,572.00</b>	<b>\$20,594.00</b>	<b>\$424,166.00</b>
Sci & Math	Mathematics	Tuska, A.	CSU/UC Mathematics Diagnostic Testing Project (MDTP)	Regents of the University of California (SDSU Passthrough)	\$30,953.00	\$0.00	\$30,953.00
Sci & Math	Mathematics	Banuelos, M.	BIGDATA: IA: Collaborative Research: Parsimonious Anomaly Detection in Sequencing Data	National Science Foundation (NSF) (UC Merced Passthrough)	\$15,306.00	\$6,122.00	\$21,428.00
Sci & Math	Mathematics	Caprau, C.	Knot Theory and Its Connections to Combinatorics and Algebra (Yr. 5 of 5)	Simons Foundation	\$6,000.00	\$1,000.00	\$7,000.00
Sci & Math	Mathematics	Vega, O.	BAMM!: Bolstering the Advancement of Masters in Mathematics (Yr. 1 of 5)	National Science Foundation (NSF)	\$51,011.00	\$12,084.00	\$63,095.00
Sci & Math	Mathematics	Vega, O./Forgacs/Caprau/Hasson/Tague	M-25-2: Mentoring Math Scholars for Success (Yr. 3 of 5)	National Science Foundation (NSF)	\$207,930.00	\$22,286.00	\$230,216.00
Sci & Math	Mathematics	Amarasinghe, R./Phillips, E.	GOTMath (Growing Outstanding Teachers of Mathematics) (Yr. 2 of 5)	National Science Foundation (NSF)	\$310,612.00	\$19,655.00	\$330,267.00
Sci & Math	Mathematics	Chung, S.	Preparing Undergraduates Through Mentoring Towards PhDs	SISU (National Science Foundation (NSF) Passthrough)	\$11,000.00	\$0.00	\$11,000.00
<b>Total Department Awards: 7</b>				<b>Total Department Awarded:</b>	<b>\$632,812.00</b>	<b>\$61,147.00</b>	<b>\$693,959.00</b>
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)	\$33,000.00	\$0.00	\$33,000.00
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. 3 of 3)	National Institutes of Health (NIH)	\$100,000.00	\$40,000.00	\$140,000.00
Sci & Math	Physics	Gao, Y.	IRES Track I: US-CERN Summer Program on Atlas Experiment of LHC at CERN (Yr. 2 of 3)	National Science Foundation (NSF)	\$86,366.00	\$1,052.00	\$87,418.00
Sci & Math	Physics	Ho, Pei-Chun	RUI: Investigation of Strongly Correlated Electron Behavior in Rare-Earth Related Materials (Yr. 2 of 3)	National Science Foundation (NSF)	\$92,317.00	\$36,927.00	\$129,244.00
<b>Total Department Awards: 4</b>				<b>Total Department Awarded:</b>	<b>\$311,683.00</b>	<b>\$77,979.00</b>	<b>\$389,662.00</b>
Sci & Math	Psychology	Payne, S.	APDT Foundation Grant	APDT Foundation	\$1,500.00	\$0.00	\$1,500.00
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Social Skills Training for Children and Young Adults	Central Valley Regional Center (CVRC)	\$484.41	\$61.56	\$545.97
Sci & Math	Psychology	Jackson, M.	Behavior Intervention Services 2019-2020	Central Unified School District	\$42,609.00	\$6,391.00	\$49,000.00
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services (BIS) 620	Central Valley Regional Center (CVRC)	\$34,599.91	\$1,076.73	\$35,676.64
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services (BIS) 612 (Year 1 of 3)	Central Valley Regional Center (CVRC)	\$173,913.00	\$26,087.00	\$200,000.00
Sci & Math	Psychology	Jackson, M./Moschella, J.	Behavior Intervention Services (Year 1 of 2)	Telecare Corporation	\$25,851.17	\$1,515.48	\$27,366.65
Sci & Math	Psychology	Jackson, M./Moschella, J.	Parenting Skills Contract No. 18-028-001 (Yr. 2 of 3)	Central Valley Regional Center (CVRC)	\$9,506.07	\$1,255.08	\$10,761.15
Sci & Math	Psychology	Jackson, M./ Moschella, J.	Childcare/Parent Training Contract SC063 - 19-063-001 (Yr. 1 of 3)	Central Valley Regional Center (CVRC)	\$2,937.28	\$0.00	\$2,937.28
<b>Total Department Awards: 8</b>				<b>Total Department Awarded:</b>	<b>\$291,400.84</b>	<b>\$36,386.85</b>	<b>\$327,787.69</b>
<b>Totals:</b>					<b>\$5,561,703.34</b>	<b>\$529,821.85</b>	<b>\$6,091,525.19</b>

# College of Social Sciences

College of Social Sciences: 7								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Academic Affairs / Soc Sci	Provost's Office / Dean	DenBeste M.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$163,151.00	\$0.00	\$163,151.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$163,151.00	\$0.00	\$163,151.00	
Soc Sci	Anthropology	Juarez, C.	Learning from our Casework: The forensic anthropology database for assessing methods accuracy (FADAMA) (Yr. 1 of 2)	University of Illinois Champagne Urbana (NIJ Passthrough)	\$10,878.00	\$4,351.00	\$15,229.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$10,878.00	\$4,351.00	\$15,229.00	
Soc Sci	Criminology	Hughes, E.	CSU Project Rebound Outreach Program (Yr. 2 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$41,868.00	\$3,090.00	\$44,958.00	
Soc Sci	Criminology	Klement, K. / Kieckhafer, J. / Marshall, J.	Evaluation of Contraband Interdiction Pilot Program - SATF and State Prison Corcoran Research Proposal (Yr. 2 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$38,367.00	\$11,510.00	\$49,877.00	
Soc Sci	Criminology	English, P	Justice Assistance Grant - JAG - Logic Model Design	Fresno County Department of Probation (JAG Grant Funds)	\$1,522.00	\$152.00	\$1,674.00	
Soc Sci	Criminology	Shaw, M.	The JAG Prevention and Education Grant (Yr. 1 of 3)	County of Kings (via Board of State and Community Corrections)	\$9,722.00	\$972.00	\$10,694.00	
Soc Sci	Criminology	Hughes, E.	Project Rebound Mentorship Program (Yr. 1 of 3)	California Department of Juvenile Justice (Cal Poly Pomona Passthrough)	\$9,615.00	\$2,885.00	\$12,500.00	
	<b>Total Department Awards: 5</b>			<b>Total Department Awarded:</b>	\$101,094.00	\$18,609.00	\$119,703.00	
					<b>\$275,123.00</b>	<b>\$22,960.00</b>	<b>\$298,083.00</b>	



# Student Affairs

Student Affairs Total Awards 18								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Student Affairs	Administration	Medina, J.	Cal Fresh Outreach FY2019-2021 (Yr. 2 of 3)	CSU Chico (California Department of Social Services (CDSS))	\$24,886.00	\$9,954.00	\$34,840.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$24,886.00	\$9,954.00	\$34,840.00	
Student Affairs	CAMP	Gamez, O.	College Assistance Migrant Program Grant (CAMP) 2019-2024 - (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$396,452.00	\$28,548.00	\$425,000.00	
Student Affairs	CAMP	Gamez, O.	Fresno County Migrant College Days - Spring 2020	Fresno County Superintendent of Schools (FCSS)	\$9,236.00	\$739.00	\$9,975.00	
Student Affairs	CAMP	Gamez, O.	Kern County Events 2019-2020	Kern County, Office of Education, Migrant Education	\$61,742.00	\$3,733.00	\$65,475.00	
	<b>Total Department Awards: 3</b>			<b>Total Department Awarded:</b>	\$467,430.00	\$33,020.00	\$500,450.00	
Student Affairs	EOC	Amaro, J.	Central California Educational Opportunity Center 2019-2020 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$349,999.00	\$27,920.00	\$377,919.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$349,999.00	\$27,920.00	\$377,919.00	
Student Affairs	Outreach	Perez, J.	CAL-SOAP 2019-2020	California Student Aid Commission	\$387,706.00	\$20,411.00	\$408,117.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$387,706.00	\$20,411.00	\$408,117.00	
Student Affairs	Services for Students with Disabilities	Flores L	Disabled Student Support Services - 2019-2020 (Year 5 of 5)	U.S. Department of Education (USDE)	\$235,576.00	\$17,456.00	\$253,032.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$235,576.00	\$17,456.00	\$253,032.00	
Student Affairs	Student Affairs	Granados, M.	Upward Bound NextGen Supplemental Funds 2018-19 (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$37,660.00	\$2,340.00	\$40,000.00	
Student Affairs	Student Affairs	Granados M.	Upward Bound NextGen 2019-2020 CSU, Fresno (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$285,019.00	\$16,894.00	\$301,913.00	
Student Affairs	Student Affairs	Granados M.	Upward Bound Classic 2019-2020 (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$437,721.00	\$27,131.00	\$464,852.00	
	<b>Total Department Awards: 3</b>			<b>Total Department Awarded:</b>	\$760,400.00	\$46,365.00	\$806,765.00	
Student Affairs	Student Health and Counseling Center	Yarmo K.	Keeping It Sexually Safer (KISS) - (Yr. 1 of 2)	Central Valley Community Foundation (CVCF)	\$37,551.00	\$3,700.00	\$41,251.00	
	<b>Total Department Awards: 1</b>			<b>Total Department Awarded:</b>	\$37,551.00	\$3,700.00	\$41,251.00	
Student Affairs	Student Support Services	Escamilla, E.	Veterans Student Support Services (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$251,287.00	\$1,745.00	\$253,032.00	
Student Affairs	Student Support Services	Escamilla, E.	Regular Student Support Services (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$334,558.00	\$1,676.00	\$336,234.00	
Student Affairs	Student Support Services	Russell, K.	Federal Work Study FY 19-20	U.S. Department of Education (USDE)	\$948,918.27	\$0.00	\$948,918.27	
	<b>Total Department Awards: 3</b>			<b>Total Department Awarded:</b>	\$1,534,763.27	\$3,421.00	\$1,538,184.27	
Student Affairs	Talent Search	Granados, M/ Figueroa J.	Educational Talent Search Porterville 2019-2020 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$249,046.00	\$18,949.00	\$267,995.00	
Student Affairs	Talent Search	Granados, M/ Figueroa J.	Educational Talent Search Porterville 2019-2020 - Supplement (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$37,037.00	\$2,963.00	\$40,000.00	
Student Affairs	Talent Search	Granados M./ Nunez, O.	Fresno State Educational Talent Search 2019-2020 - Supplement (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$37,037.00	\$2,963.00	\$40,000.00	
Student Affairs	Talent Search	Granados M./ Nunez, O.	Fresno State Educational Talent Search 2019-2020 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$338,378.00	\$26,096.00	\$364,474.00	
	<b>Total Department Awards: 4</b>			<b>Total Department Awarded:</b>	\$661,498.00	\$50,971.00	\$712,469.00	
<b>Totals:</b>					<b>\$4,459,809.27</b>	<b>\$213,218.00</b>	<b>\$4,673,027.27</b>	