



Research and Graduate Studies

**Office of Research and Sponsored Programs  
Submissions and Awards Report (SAR)**

**Fiscal Year**

**2020-2021**

## Research and Sponsored Programs Submissions and Awards Report (SAR)

College	Total Number of Submissions	Total Submitted Dollars - with HEERF	Total Submitted Dollars - without HEERF	Total Number of Awards	Total Awarded Dollars with HEERF	Total Awarded Dollars without HEERF
Academic Affairs	48	\$6,997,562	\$6,997,562	42	\$ 3,555,451	\$ 3,555,451
Administration	5	\$102,280,383	\$18,000	7	\$ 108,636,557	\$ 6,374,174
Jordan College of Agricultural Sciences and Technology	98	\$7,733,871	\$7,733,871	71	\$ 3,697,704	\$ 3,697,704
College of Arts & Humanities	28	\$872,279	\$872,279	6	\$ 423,394	\$ 423,394
Sid Craig School of Business	11	\$1,614,635	\$1,614,635	9	\$ 1,420,264	\$ 1,420,264
Kremen School of Education and Human Development	43	\$3,680,859	\$3,680,859	43	\$ 3,848,875	\$ 3,848,875
Lyles College of Engineering	62	\$9,059,692	\$9,059,692	36	\$ 2,861,257	\$ 2,861,257
College of Health and Human Services	80	\$18,197,381	\$18,197,381	67	\$ 14,389,294	\$ 14,389,294
College of Science and Mathematics	98	\$8,421,476	\$8,421,476	46	\$ 5,928,677	\$ 5,928,677
College of Social Sciences	21	\$3,633,215	\$3,633,215	13	\$ 716,240	\$ 716,240
Henry Madden Library	2	\$22,312	\$22,312	0	\$ -	\$ -
Student Affairs	20	\$6,706,222	\$6,706,222	16	\$ 5,029,201	\$ 5,029,201
<b>Totals:</b>	<b>516</b>	<b>\$169,219,887</b>	<b>\$66,957,504</b>	<b>356</b>	<b>\$ 150,506,913</b>	<b>\$ 48,244,530</b>

\*Submission totals reflect only FY20/21 submissions.

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

\*Higher Education Emergency Relief Fund (HEERF) - Total Award: \$102,262,383

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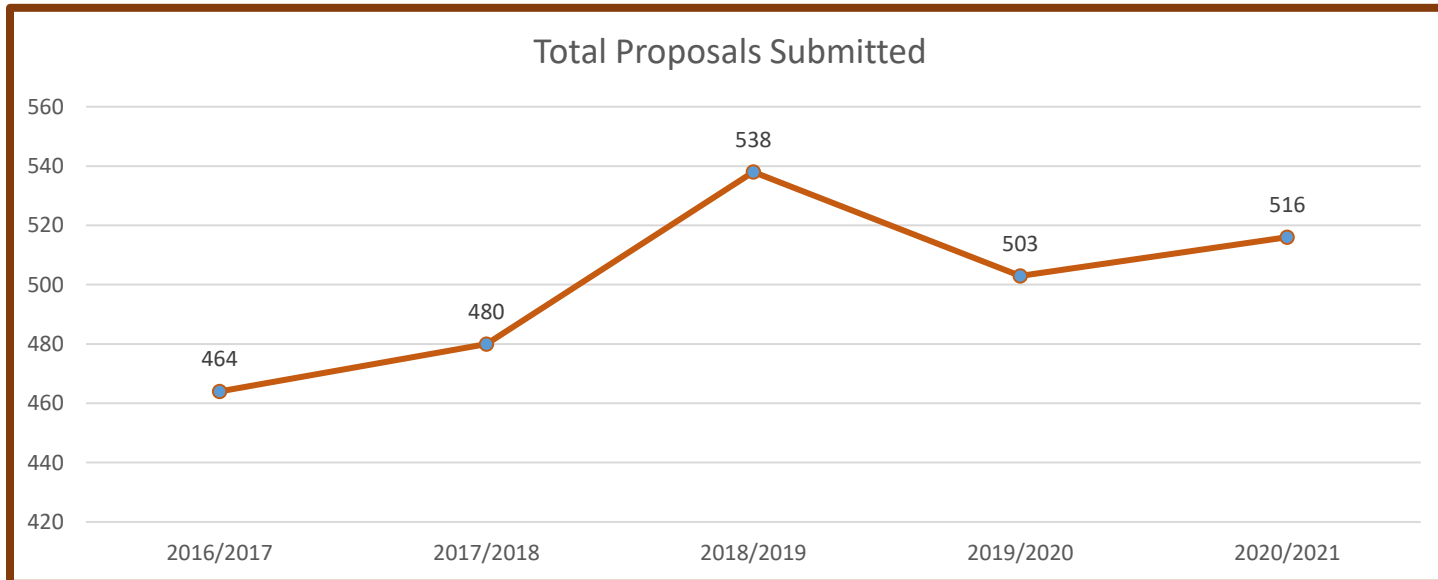
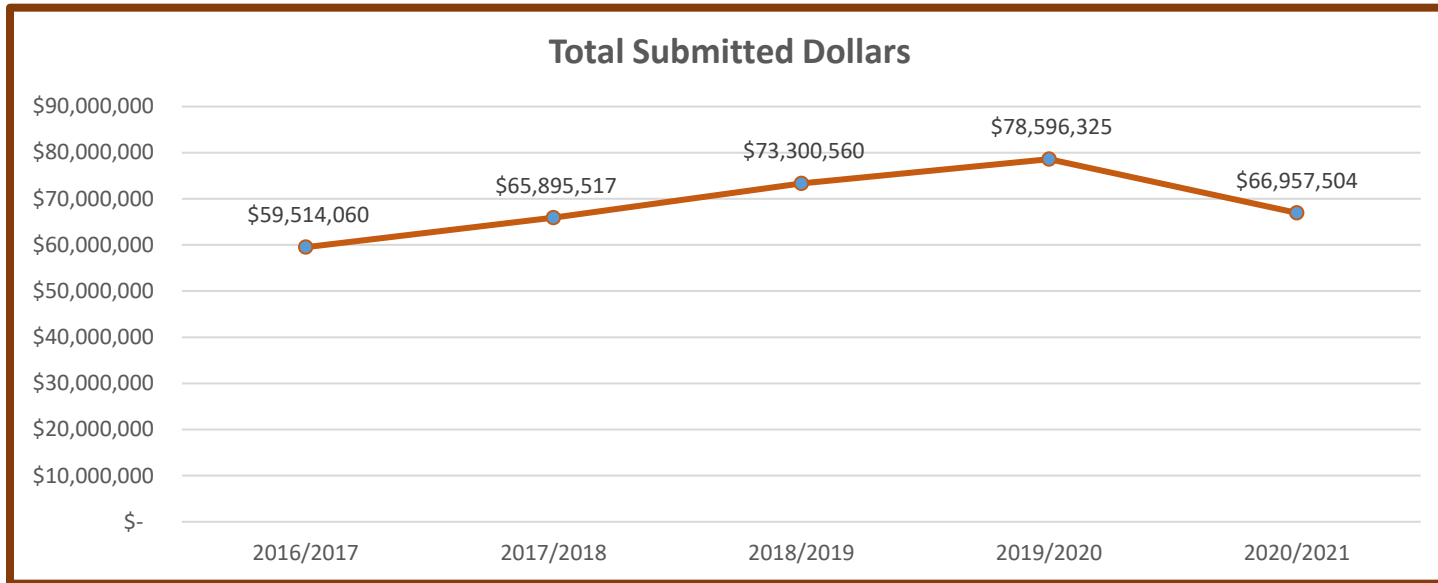
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# SUBMITTED PROPOSALS



# Academic Affairs

## Academic Affairs Submitted Proposals: 48

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Academic Affairs	CFE	Berrett, B./ Quiroz, B./ Sanchez, R.	Collaborative Research: AGEP Transformation Alliance: CSU Culturally-Informed Strengths Alliance for Underrepresented Minoritized STEM Faculty Engagement & Success(Yr. 2 of 5)	National Science Foundation (NSF)	\$58,613	\$23,445	\$82,058	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$58,613</b>	<b>\$23,445</b>	<b>\$82,058</b>
Academic Affairs	DRGS	Marshall, J./ Byers, M.	Fresno State McNair Program 2020-2021 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$294,690	\$19,576	\$314,266	
Academic Affairs	DRGS	Marshall, J./ Meyer, C.	Collaborative Research: AGEP Transformation Alliance: A California HSI Alliance for Pedagogy as Preparation for the Professoriate (Yr. 3 of 5)	National Science Foundation (NSF)	\$16,275	\$6,510	\$22,785	
Academic Affairs	DRGS	Marshall, J./ Meyer, C.	Supplemental Funding Request: The AGEP California Hispanic Serving Institutions (HSI) Alliance to Increase Underrepresented Minority Faculty in STEM (California State University, Fresno)	National Science Foundation (NSF)	\$41,250	\$16,500	\$57,750	
<b>Total Department Submissions: 3</b>					<b>Total Department Submitted:</b>	<b>\$352,215</b>	<b>\$42,586</b>	<b>\$394,801</b>
Academic Affairs	Provost's Office	Jimenez-Sandoval, S.	STESSA: Improving STEM Teacher Education in High Schools in Egypt (Yr. 3 of 5)	U.S. Agency for International Development (USAID)(Passthrough funding the 21st Century Partnership)	\$173,562	\$32,977	\$206,539	
Academic Affairs	Provost's Office	Jimenez-Sandoval, S./ Yerrick, R./ Lopez, P.	Ensenamos en el Valle Central (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$749,995	\$0	\$749,995	
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$923,557</b>	<b>\$32,977</b>	<b>\$956,534</b>
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - San Benito	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - San Luis Obispo	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - San Joaquin	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Stanislaus	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Toulumne	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Tulare	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Fresno	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Kern	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Kings	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Madera	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Mariposa	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Merced	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Monterey	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Fresno State Smart Farm University: Agricultural Advancement Program (Yr. 1 of 3)	U.S. Department of Agriculture (USDA)	\$136,364	\$13,636	\$150,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	PHEV-CNH Zero Emission Flatbed Truck Demonstration at Trinity Packing Company	Cummins Electrified Power NA INC.	\$17,899	\$3,401	\$21,300	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Madera Unified - Fresno State Connect Initiative	Madera Unified School District	\$26,086	\$3,914	\$30,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Parent University - Lindsay Unified 2020-2021	Lindsay Unified School District	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Technical Assistance Proposal	Wells Fargo Bank	\$1,250,000	\$250,000	\$1,500,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Women's Business Center (Yr. 1 of 5)	U.S. Small Business Administration (SBA)	\$126,050	\$23,950	\$150,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Fresno State Small Business University: Pandemic Recovery Technical Assistance	CommonFuture	\$125,000	\$0	\$125,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	McFarland Parent University 2020-2021	McFarland Unified School District	\$13,043	\$1,957	\$15,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	King City Parent University 2020-2021	King City Union School District	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Delano.Migrant Education Parent University 2020-2021	Migrant Education Program Region 14/Delano Joint Union High School District	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Don Stowell Parent University 2020-2021	Don Stowell Elementary School	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Coalinga-Huron Parent University 2020-2021	Coalinga Huron Unified School District	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CETF Get Connected - Frontier	California Emerging Technology Fund (CETF)	\$65,548	\$12,452	\$78,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	PG&E ESA Program	Pacific Gas and Electric (PG&E)	\$260,872	\$39,125	\$299,997	
Academic Affairs	Provost's Office/OCED	Fu, X./ Herrera, I.	EDA University 2020-2021 (Yr. 4 of 5)	U.S. Department of Economic Development Administration (EDA)(Passthrough CSU, Chico)	\$66,794	\$12,691	\$79,485	
Academic Affairs	Provost's Office/OCED	Fu, X./ Takahashi, Y.	Increasing AAPI Representation in Criminal and Civil Justice Careers (Yr. 1 of 5)	U.S. Department of Education (USDE) - AANAPISI	\$1,259,337	\$0	\$1,259,337	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	CETF - Meter Testing	California Emerging Technology Fund (CETF)	\$5,000	\$0	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Fresno State Veterans Business Outreach Center	U.S. Small Business Administration (SBA)	\$336,128	\$63,872	\$400,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	ValleyAg Connect: Access Outreach and Technical Assistance Program	U.S. Department of Agriculture (USDA) - FSA	\$90,908	\$9,091	\$99,999	

Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Reenergize Rural Farmers' Markets in LI/LA communities in the San Joaquin Valley post COVID-19 (Yr. 1 of 3)	U.S. Department of Agriculture (USDA) - FMPP	\$210,084	\$39,916	\$250,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Faces of Prevention - Youth Capacity Building Rural Initiative (Yr. 1 of 2)	The Center at Sierra Health Foundation	\$125,000	\$25,000	\$150,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Martin Van Buren Elementary Parent University 2020-2021	Martin Van Buren Elementary School	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	FCSS Parent University 2020-2021	Fresno County Superintendent of Schools (FCSS)	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Ramona USD Parent University 2020-2021	Ramona Unified School District	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	John Glenn Middle School Parent University 2020-2021	John Glenn Middle School of International Studies	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Marguerite Maze Middle School Parent University 2020-2021	Marguerite Maze Middle School	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Kings River Union Elementary Parent University 2021-2022	Kings River Union Elementary School District	\$4,348	\$652	\$5,000	
<b>Total Department Submissions: 40</b>					<b>Total Department Submitted:</b>	<b>\$4,870,181</b>	<b>\$506,177</b>	<b>\$5,376,358</b>
Academic Affairs	Richter Center	Florentino, M./ Dion, N.	Jumpstart Private Funding 2020-2021	Jumpstart for Young Children, Inc.	\$84,525	\$2,671	\$87,196	
Academic Affairs	Richter Center	Florentino, M./ Dion, N.	Jumpstart CNCS Funding 2020-2021	Corporation for Natl and Community Service	\$97,533	\$3,082	\$100,615	
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$182,058</b>	<b>\$5,753</b>	<b>\$187,811</b>
					<b>Totals:</b>	<b>\$6,386,624</b>	<b>\$610,938</b>	<b>\$6,997,562</b>

# Administration

## Administration Submitted Proposals: 5

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Admin	Admin	Adishian-Astone, D.	Higher Education Emergency Relief Fund HEERF II- Student Aid Portion	U.S. Department of Education (USDE)	\$16,401,054	\$0	\$16,401,054	
Admin	Admin	Adishian-Astone, D.	Higher Education Emergency Relief Fund HEERF II- MSI Portion	U.S. Department of Education (USDE)	\$3,455,032	\$0	\$3,455,032	
Admin	Admin	Adishian-Astone, D.	Higher Education Emergency Relief Fund HEERF II- Institutional Aid Portion	U.S. Department of Education (USDE)	\$36,324,263	\$0	\$36,324,263	
Admin	Admin	Adishian-Astone, D.	Higher Education Emergency Relief Fund HEERF II- Institutional Aid Portion - Year 2 of 2	U.S. Department of Education (USDE)	\$46,082,034	\$0	\$46,082,034	
<b>Total Department Submissions: 4</b>					<b>Total Department Submitted:</b>	<b>\$102,262,383</b>	<b>\$0</b>	<b>\$102,262,383</b>
Admin	President's Office/CVHEC	Duran, B.	Central/Mother Lode Regional Consortium 2020-21	State Center Community College District	\$18,000	\$0	\$18,000	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$18,000</b>	<b>\$0</b>	<b>\$18,000</b>
<b>Totals:</b>					<b>\$102,280,383</b>	<b>\$0</b>	<b>\$102,280,383</b>	

# Jordan College of Agricultural Sciences and Technology

## Jordan College of Agricultural Sciences and Technology Submitted Proposals: 99

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Ag	Ag Business	Asci, S.	Phase 4, Mill Assessment Revenue Forecasting Tool Update and Model Improvement - (Year 1 of 2)	California Department of Pesticide Regulation (DPR)	\$57,515	\$14,379	\$71,894	
Ag	Ag Business	Levi, A./ Liang, J.	Putting Phenotypic and Genotypic Tools to Work for Improving Walnut Rootstocks (Yr. 3 of 4)	UC Riverside (Prime: U.S. Department of Agriculture (USDA) - NIFA)	\$17,053	\$4,776	\$21,829	
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$74,568</b>	<b>\$19,155</b>	<b>\$93,723</b>
Ag	Ag Ed	Culbertson, A.	Young Producers Leadership Program 2020-2021 (Yr. 1 of 2)	American Simmental Association	\$16,113	\$0	\$16,113	
Ag	Ag Ed	Culbertson, A.	Ag Discovery Virtual Summer Enrichment Program 2021	U.S. Department of Agriculture (USDA)	\$46,818	\$4,682	\$51,500	
Ag	Ag Ed	McKeith, A./ Henson, J.	20-02-113   Evaluation of the Reduction of Salmonella Surrogate in Beef Roast Products at Temperatures Less than 54.4C (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$20,000	\$0	\$20,000	
Ag	Ag Ed	Rocca, S./ Pheasant, S./ Henson, M.	Highlighting Agricultural Pathways Via A Virtual Vision: From Junior High to Higher Education (Yr. 1 of 2)	U.S. Department of Agriculture (USDA)	\$66,940	\$25,176	\$92,116	
Ag	Ag Ed	Tarrant, K.	Development of a Food Animal Welfare workshop to supplement undergraduate animal production curriculum and increase value/hireability of college graduates entering job market (Yr. 1 of 4)	U.S. Department of Agriculture (USDA) - HIS Collaborative	\$839,964	\$160,034	\$999,998	
Ag	Ag Ed	Tarrant, K./ Pheasant, S.	Utilizing the Poultry Industry as a Means for California High School Ag Teachers to Instill Critical Thinking Skills, Experiential Learning Activities, and Academic/Career Pathways (Yr. 1 of 3)	U.S. Department of Agriculture (USDA)	\$118,244	\$8,658	\$126,902	
Ag	Ag Ed	Tarrant, K./ Pheasant, S./ Roach, A.	Optimizing Poultry Production, Welfare, and Economic Sustainability for Small and Medium Sized Producers (Yr. 1 of 4)	U.S. Department of Agriculture (USDA)	\$109,775	\$25,534	\$135,309	
Ag	Ag Ed	Tarrant, K./ Shinn, S.	Evaluating Environmental Enrichment Structure Design and Implementation for Conventionally-Raised Broiler Chickens (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$110,420	\$0	\$110,420	
Ag	Ag Ed	Vaughn, R.	Charles Parker Office Support Contract No. CN190086 (Yr. 2 of 2)	California Department of Education (CDE)	\$12,963	\$1,037	\$14,000	
Ag	Ag Ed	Vaughn, R./ Pheasant, S.	Next Generation Agricultural Science: Elevating Today's and Tomorrow's Teachers (Yr. 1 of 3)	U.S. Department of Agriculture (USDA) - AFRI	\$140,448	\$28,513	\$168,961	
<b>Total Department Submissions: 10</b>					<b>Total Department Submitted:</b>	<b>\$1,481,685</b>	<b>\$253,634</b>	<b>\$1,735,319</b>
Ag	CFS	Hammons, A.	Improving the Health of Hispanic Children and their families with a Community Based Curriculum: Abriendo Caminos (Yr. 6 of 6)	The Board of Trustees of the University of Illinois (U.S. Department of Agriculture (USDA) Passthrough)	\$7,143	\$2,857	\$10,000	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$7,143</b>	<b>\$2,857</b>	<b>\$10,000</b>
Ag	CIT	Ashkan, S./ Jacobsen, T.	20-02-102   Water Use Efficiency of Calcium Carbonate Foliar Application (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI) - Campus	\$51,931	\$0	\$51,931	
Ag	CIT	Ashkan, S./ Panagopoulos, A.	Almond Canopy Temperature-Based Irrigation Scheduling (Yr. 1 of 3)	California Department of Food and Agriculture (CDFA)(U.S. Department of Agriculture (USDA) passthrough)	\$96,316	\$5,448	\$101,764	
Ag	CIT	Ashkan, S./ Sethuramasamyraja, B./ Brar G.	Crop Water Stress Index for Precision Irrigation Scheduling of Pistachio Trees (Yr. 3 of 3)	California Department of Food and Agriculture (CDFA)(U.S. Department of Agriculture (USDA) passthrough)	\$34,930	\$2,641	\$37,571	
Ag	CIT	Green, S.	Disadvantaged Community Center (Year 3 of 3)	University Enterprises Corporation at CSU Santa Barbara	\$52,678	\$944	\$53,622	
Ag	CIT	Green, W./ Ashkan, S.	Educational and Training Workshops for on-Farm Water and Energy Automation (Yr. 1 of 3)	California Department of Food and Agriculture (CDFA)(U.S. Department of Agriculture (USDA) Passthrough)	\$75,918	\$5,238	\$81,156	
Ag	CIT	Hillyer, C./ Ashkan, S.	Irrigation Scheduling Support Hub (Yr. 1 of 2)	U.S. Department of Agriculture (USDA)	\$52,777	\$21,111	\$73,888	
Ag	CIT	Hillyer, C./ Ashkan, S.	Data collection and Analysis for Novel sub-surface Irrigation	Umida AG	\$49,050	\$5,450	\$54,500	
Ag	CIT	Hillyer, C./ Ashkan, S.	ORCAL Processing Tomato Field Trial 2021	Orcal, Inc.	\$26,824	\$0	\$26,824	
Ag	CIT	Hillyer, C./ Longley, K./ Benes, S.	Sustainability of Groundwater and Irrigated Agriculture in the Western United States under a Changing Climate (Yr. 1 of 5)	UC Davis (U.S. Department of Agriculture (USDA) - AFRI)	\$165,733	\$57,093	\$222,826	
Ag	CIT	Hillyer, C./ Vang, K.	Advanced Pumping Efficiency Program VIII	Pacific Gas and Electric (PG&E)	\$434,783	\$65,216	\$499,999	
Ag	CIT	Hillyer, C./ Vang, K./ Green, W.	Advanced Pumping Efficiency Program VII (additional funds) CW19528	Pacific Gas and Electric (PG&E)	\$28,696	\$4,304	\$33,000	
Ag	CIT	Hillyer, C./ Vang, K./ Green, W.	Advanced Pumping Efficiency Program VII (Testers) - C19539	Pacific Gas and Electric (PG&E)	\$150,000	\$0	\$150,000	



Ag	CIT	Koamine, V./ Moreno, J.	Developing Crop Coefficient for Southeast Asian Crops in the San Joaquin Valley (Yr. 1 of 3)	California Department of Food and Agriculture (CDFA)(U.S. Department of Agriculture (USDA) Passthrough)	\$135,730	\$8,858	\$144,588
Ag	CIT	Petersen, H./ Francis, B.	Central Valley Regional Innovation Investment Fund (Yr. 3 of 3)	U.S. Department of Economic Development Administration (EDA)	\$85,217	\$16,043	\$101,260
Ag	CIT	Petersen, H./ Manly, G.	National Emergency Assistance Program (NEAP)	U.S. Department of Commerce (CMTC Passthrough)	\$68,182	\$6,818	\$75,000
Ag	CIT	Peterson, H.	2020 Scaling Pandemic Resilience through Innovation and Technology (SPRINT) (Yr. 1 of 2)	U.S. Department of Economic Development Administration (EDA)	\$417,311	\$164,295	\$581,606
Ag	CIT	Vang, K./ Moreno, J.	19-02-102   Developing a Mobile Decision Support Nitrate Sampling and Monitoring System (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$42,876	\$0	\$42,876
Ag	CIT	Vang, K./ Moreno, J.	Utilizing Water Retainers to Increase Water Holding Capacity in Vegetable Crops (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI) - Campus	\$68,558	\$0	\$68,558
Ag	CIT	Vang, K/ Lone, T./ Cassel-Sharma, F.	20-02-101   ARI: The Organic Production of Agretti in Poor-Quality Soils with Poor Quality Water (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$55,000	\$0	\$55,000
Ag	CIT	Yeasmin, D.	Precise irrigation strategies for olive orchards in California (Yr. 1 of 3)	California Department of Food and Agriculture (CDFA)(U.S. Department of Agriculture (USDA) passthrough)	\$7,470	\$532	\$8,002
Ag	CIT	Yeasmin, D./ Bushoven, J.	Effects of aboveground manipulation of light and microclimate by Opti-Harvest devices on root system development in agricultural crops by GPR (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI) - Campus	\$37,703	\$0	\$37,703
Ag	CIT	Yeasmin, D./ Bushoven, J.	Climate-smart irrigation for drought, fertility, & structural resilience in nut systems (Yr. 1 of 4)	U.S. Department of Agriculture (USDA)(Passthrough)	\$78,178	\$0	\$78,178
Ag	CIT	Yeasmin, D./ Bushoven, J.	20-02-110   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. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$60,044	\$0	\$60,044
Ag	CIT	Yeasmin, D./ Bushoven, J./ Pasha, F.	Validation of remote sensing technology to measure actual tree evapotranspiration (ETA) for almonds (Yr. 1 of 2)	Almond Board of California	\$55,531	\$0	\$55,531
Ag	CIT	Yeasmin, D./ Bushoven, J./ Pasha, F.	Irrigation Strategies to Improve Super High Density Olive Production (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI) - Campus	\$40,076	\$0	\$40,076
Ag	CIT	Yeasmin, D./ Bushoven, J./ Shrestha, A.	A Ground Penetrating Radar (GPR) based Assessment of Underground-Mediated Alkaliweed (Cressa truxillensis) Invasion and Evaluation of the Competition in California's Pistachio and other Orchards (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI) - Campus	\$58,944	\$0	\$58,944
Ag	CIT	Yeasmin, D./ Hillyer, C./ Pasha, F.	A Remote Sensing Approach to Identify Critical Areas in California Orchards for Improving Irrigation Water Management through Precision Agriculture Technology (Yr. 1 of 2)	Colorado State University (passthrough Foundation for Food and Agriculture Research)	\$34,455	\$3,828	\$38,283

<b>Total Department Submissions: 27</b>					<b>Total Department Submitted:</b>	<b>\$2,464,911</b>	<b>\$367,819</b>	<b>\$2,832,730</b>
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Ag	Dean	Erysian, B.	Georgia WTO SPS Project - Augmentation	U.S. Department of Agriculture (USDA)	\$18,181	\$1,818	\$19,999
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<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$18,181</b>	<b>\$1,818</b>	<b>\$19,999</b>
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Ag	Food Science	Griffin, S.	2021 Dry Bean Project Plan	California Dry Bean Advisory Board	\$33,162	\$4,974	\$38,136
Ag	Food Science	Ireland, E.	NEOP Consulting Agreement (Yr. 1 of 3)	The County of Fresno (U.S. Department of Agriculture (USDA) federal passthrough)	\$13,500	\$0	\$13,500
Ag	Food Science	Levitt, J.	20-02-109  An investigation into the best practices for culinary or foodservice-themed study abroad program	CSU Agricultural Research Institute (ARI) - Seed	\$10,000	\$0	\$10,000
Ag	Food Science	Levitt, J.	20-02-110  Learning, Living, Labor, and Leisure via Active Transportation on the University Agricultural Laboratory	CSU Agricultural Research Institute (ARI) - Seed	\$10,000	\$0	\$10,000
Ag	Food Science	Levitt, J.	An analysis into the ideal wine experience for average sports fans	CSU Agricultural Research Institute (ARI) - Campus	\$10,578	\$0	\$10,578
Ag	Food Science	Licon, C.	20-02-104  Using physiological and behavioral responses to uncover emotional associations to cheese aromas: the matrix effect	CSU Agricultural Research Institute (ARI) - Campus	\$10,000	\$0	\$10,000
Ag	Food Science	Licon, C./ Pedroza, M./ Dormedy, E./ Thompson, K.	20-02-103  Increasing the diversity of cheeses in the Central Valley: characterization of pressed cheese soaked in wine	CSU Agricultural Research Institute (ARI) - Campus	\$50,033	\$0	\$50,033
Ag	Food Science	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) - NIFA	\$494,770	\$0	\$494,770
Ag	Food Science	Pao, S.	Validating the Control of Cross-Contamination in Recirculated High-pressure Washers and Fungicide Flooders during Citrus Packing Operations	Citrus Research Board	\$79,632	\$0	\$79,632
Ag	Food Science	Pao, S.	Skin-on Goat Meat for Consumer Needs, Diverse Education, and Industrial Collaboration (Yr. 1 of 3)	U.S. Department of Agriculture (USDA) - NIFA (Cal Poly Passthrough)	\$5,654	\$1,074	\$6,728
Ag	Food Science	Pooya, S./ Herzig, L.	Effects of nutritional preconditioning on the nutritional status of patients undergoing major surgeries and subsequent operative outcomes	ASPEN Foundation	\$24,765	\$0	\$24,765

<b>Total Department Submissions: 11</b>					<b>Total Department Submitted:</b>	<b>\$742,094</b>	<b>\$6,048</b>	<b>\$748,142</b>
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Ag	IFA	Pheasant, S.	Determining the microbial risk profiles of onion production practices in CA and CO: a quantitative approach to defining food safety risks and controls within onion practices (Yr. 1 of 3)	Colorado State University (passthrough)	\$130,162	\$6,660	\$136,822	
Ag	IFA	Pheasant, S.	Southeast Asian Farmer Academy (SAFA): Fresh Produce Food Safety Education and Outreach (Yr. 1 of 3)	U.S. Department of Agriculture (USDA)	\$171,479	\$29,914	\$201,393	
Ag	IFA	Pheasant, S.	BFRDA - Southeast Asian Farmer Academy (SAFA): Fresh Produce Food Safety Education and Outreach (Yr. 1 of 3)	U.S. Department of Agriculture (USDA)	\$176,903	\$32,084	\$208,987	
Ag	IFA	Pheasant, S./ Elvin, J./ Husinga, L./ Levitt, J.	Service Learning and Extended Reality for Ag Education (Yr. 1 of 2)	U.S. Department of Agriculture (USDA)	\$103,211	\$30,528	\$133,739	
<b>Total Department Submissions: 4</b>					<b>Total Department Submitted:</b>	<b>\$581,755</b>	<b>\$99,186</b>	<b>\$680,941</b>

Ag	IT	Alexandrou, A.	Collection and Analysis of Agricultural Equipment Activity Data (Yr. 1 of 2)	California Air Resources Board (CARB)(passthrough via UC Riverside)	\$102,786	\$25,697	\$128,483	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$102,786</b>	<b>\$25,697</b>	<b>\$128,483</b>

Ag	Plant Sci	Brar, G.	22-02-122   Establishing exotic 'superfood' tree fruit repository on CSU Fresno Campus (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI) - Campus	\$10,987	\$0	\$10,987	
Ag	Plant Sci	Brar, G.	Enhanced production of disease-free citrus varieties using sustainable next generation indoor farming systems (Yr. 1 of 3)	California Department of Food and Agriculture (CDFA)(U.S. Department of Agriculture (USDA) passthrough)	\$14,851	\$1,188	\$16,039	
Ag	Plant Sci	Brar, G.	Overcoming citrus nursery growth issues by using Smart Lighting with Different Photoperiods: Greenhouse Phase (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI) - Campus	\$47,252	\$0	\$47,252	
Ag	Plant Sci	Brar, G.	Metabolomics analysis of pistachio bud and shoot samples during the dormant period under various oil spray application treatment	California Pistachio Research Board	\$72,345	\$0	\$72,345	
Ag	Plant Sci	Brar, G.	AVG-ACC application timing trial in almonds	Valent USA Corporation	\$21,739	\$3,261	\$25,000	
Ag	Plant Sci	Brar, G.	Evaluation of Almond Rootstocks (Year 2 of 3)	Regents of the University of California (via Almond Board of California)	\$12,015	\$0	\$12,015	
Ag	Plant Sci	Brar, G.	Overcoming Citrus Nursery Growth Issues by Using Smart Lighting with Different Photoperiods: Phase II - Greenhouse Phase	California Citrus Nursery Advisory Board	\$42,130	\$6,320	\$48,450	
Ag	Plant Sci	Bushoven, J./ Yeasmin, D.	Improving Water and Nitrogen Use Efficiency in Lettuce by Selecting for Root Characteristics (Yr. 2 of 3)	Cal Poly Pomona (CSU Agricultural Research Institute (ARI) Passthrough)	\$26,007	\$0	\$26,007	
Ag	Plant Sci	Bushoven, J./ Yeasmin, D.	A Pilot Study on Effects of aboveground manipulation of light and microclimate by Opti-Harvest devices on root system development in agricultural crops by GPR	Opti-Harvest, Inc.	\$4,678	\$702	\$5,380	
Ag	Plant Sci	Cassel, F.	ARI: Crop Water Requirements for Onion Production in Semi-Arid Climates	EarthGreen Products, Inc.	\$5,000	\$0	\$5,000	
Ag	Plant Sci	Ellis, M.	Identification and assessment of Fusarium oxysporum f. sp. vasinfectum populations in cotton for sustainable production in California. (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$38,078	\$0	\$38,078	
Ag	Plant Sci	Ellis, M.	Increasing Efforts in Research for Improving Management of Wilt and Seedling Diseases Impacting California Cotton (Lab Tech) (Yr. 2 of 3)	California Cotton Ginners and Growers Association	\$52,500	\$0	\$52,500	
Ag	Plant Sci	Ellis, M.	Identification of Fusarium Wilt Populations in Cotton Fields and Pathogen Infection for Maintaining Sustainable Production in the USA (Augmentation Funding) (Yr. 2 of 2)	U.S. Department of Agriculture (USDA) - ARS	\$20,495	\$2,050	\$22,545	
Ag	Plant Sci	Ellis, M.	Developing IPM programs to control Fusarium wilt race 4 (FOV4) in cotton (Yr. 1 of 2)	U.S. Department of Agriculture (USDA) - NIFA (passthrough TAMU)	\$14,286	\$5,714	\$20,000	
Ag	Plant Sci	Ellis, M.	Development of molecular diagnostic tests for the quick identification and quantification of Fusarium oxysporum f. sp. vasinfectum race 4 from soil and plant tissue	California Cotton Alliance	\$29,553	\$0	\$29,553	
Ag	Plant Sci	Ellis, M.	Increasing efforts in research for improving management of wilt and seedling diseases impacting California cotton	California Cotton Alliance	\$10,000	\$0	\$10,000	
Ag	Plant Sci	Ellis, M.	Characterization and Interaction of Fusarium Oxysporum f. sp. Vasinfectum Races and Rhizoctonia Solani on Disease Development in Cotton - Additional Funds (Yr. 2 of 2)	Cotton Inc	\$26,615	\$3,385	\$30,000	
Ag	Plant Sci	Riar, R./ Benes, S.	22-02-127   Greenhouse testing of new alfalfa varieties for salt tolerance: verification work for Barkley Seed Inc.	CSU Agricultural Research Institute (ARI) - Campus	\$39,482	\$0	\$39,482	
Ag	Plant Sci	Riar, R./ Benes, S.	Alfalfa Variety Evaluation for Barkley Seed, Inc. Agriculture	Barkley Seed Inc.	\$22,300	\$3,345	\$25,645	
Ag	Plant Sci	Sharma, F.	Weighing lysimeter studies to determine evapotranspiration and develop new crop coefficients for forage crops - cash match	Other - CIT External Funds	\$31,766	\$0	\$31,766	
Ag	Plant Sci	Shrestha, A./ Konduru, S.	Deere Company Study - Automatic Rate Control Systems	Deere & Company	\$21,572	\$3,236	\$24,808	
Ag	Plant Sci	Wenger, J.	Gut-content analysis of LFB (Yr. 1 of 2)	Almond Board of California	\$19,265	\$0	\$19,265	
Ag	Plant Sci	Wenger, J.	Molecular Gut Content Analysis to Determine Alternate Host Plants of Pistachio Stink Bugs (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI) - Campus	\$57,399	\$0	\$57,399	
Ag	Plant Sci	Wenger, J.	Genetically Improving the Natural Enemy of California Red Scale	Citrus Research Board	\$65,960	\$0	\$65,960	
<b>Total Department Submissions: 24</b>					<b>Total Department Submitted:</b>	<b>\$706,275</b>	<b>\$29,201</b>	<b>\$735,476</b>

Ag	VERC	Brillante, L.	Remote Sensing Assisted Scouting & Roving of Virus Infections in Grapevine (Yr. 2 of 3)	California Department of Food and Agriculture (CDFA)	\$113,184	\$2,838	\$116,022
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Ag	VERC	Brillante, L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Yr. 3 of 3)	American Vineyard Foundation (AVF)	\$39,400	\$0	\$39,400
Ag	VERC	Brillante, L.	Ecophysiological Characterization of Daou Mountain Terrior for Site-Specific Management (Yr. 2 of 3)	Daou Vineyards	\$29,361	\$4,404	\$33,765
Ag	VERC	Brillante, L.	Control of Vine Mealybug (Planococcus ficus Signoret) in Organic Production (Year 2 of 2)	American Vineyard Foundation (AVF)	\$46,905	\$0	\$46,905
Ag	VERC	Brillante, L.	20-02-106   On-the-go mapping of grape composition in the field through hyperspectral machine-vision (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI) - Campus	\$86,182	\$0	\$86,182
Ag	VERC	Brillante, L.	Control of vine mealybug (Planococcus ficus Signoret) in organic viticulture	American Vineyard Foundation (AVF)	\$48,529	\$0	\$48,529
Ag	VERC	Brillante, L.	On-the-go mapping of grape composition in the field through hyperspectral machine-vision	American Vineyard Foundation (AVF)	\$60,558	\$0	\$60,558
Ag	VERC	Brillante, L./ Benes, S.	Enhancing Education and Research Capacity in Data Assimilation for the Spatial Analysis of Soils and Crop Performance (Yr. 1 of 2)	U.S. Department of Agriculture (USDA)	\$95,901	\$3,912	\$99,813
Ag	VERC	Pedroza, M.	20-02-115   Smoke taint detection and recognition thresholds in California red wines and mitigation strategies	CSU Agricultural Research Institute (ARI) - Campus	\$20,827	\$0	\$20,827
Ag	VERC	Shrestha, A.	Glufosinate on Avocado - Statistical Analysis	Deere & Company	\$2,000	\$0	\$2,000
Ag	VERC	Shrestha, A.	Cover cropping impacts on vineyard water demands and weed population dynamics	Regents of the University of California	\$6,952	\$0	\$6,952
Ag	VERC	Sommer, S.	Sentia Free S02 Analyzer	Universal Biosensors Pty Ltd.	\$10,652	\$848	\$11,500
Ag	VERC	Sun, K.	Mechanical Leafing and Deficit Irrigation on Cabernet Sauvignon	UC Agriculture & Natural Resources (AVF passthrough)	\$15,000	\$0	\$15,000
Ag	VERC	Sun, K./ Asci, S.	Interactive Effect of Trellis and Water Deficit on Berry and Wine Compositions of Cabernet Sauvignon, Petite Sirah and Petite Verdot under Mechanical Pruning System in the San Joaquin Valley (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI) - Campus	\$29,827	\$0	\$29,827
Ag	VERC	Sun, K./ Liu, L./ Wang, Z.	20-02-108   Using Cover Crops to Mitigate the Negative Effect of Winery Wastewater Application on Soil, Crop Yield, Grape and Wine Quality in San Joaquin Valley of California (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI) - Campus	\$24,778	\$0	\$24,778
Ag	VERC	Van Zyl, S.	Grape Juice Sample Testing 2019-2020	Agajanian Vineyards & Wine Company	\$2,609	\$391	\$3,000
Ag	VERC	Van Zyl, S.	Calibrating microbial spoilage effects in wine using analytical and sensorial data	California Winegrape Inspection Advisory Board	\$49,000	\$0	\$49,000
Ag	VERC	Van Zyl, S./ Sommer, S.	20-02-120   Producing Red Wine from Field Condition Grapes with Different Levels of Rot Infection (Yr. 2 of 3) ¶	CSU Agricultural Research Institute (ARI) - Campus	\$65,000	\$0	\$65,000

**Total Department Submissions: 18**

**Total Department Submitted: \$746,665 \$12,393 \$759,058**

**Totals: \$6,926,063 \$817,808 \$7,743,871**

# College of Arts & Humanities

## College of Arts & Humanities Submitted Proposals: 28

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted
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 3)	National Endowment for the Humanities (NEH)	\$91,989	\$18,298	\$110,287
Arts & Hum	Art & Design	Koo, A.	Practices and Changes in Art Education	California Humanities	\$4,545	\$455	\$5,000
Arts & Hum	Art & Design	Koo, A.	2022 Central Youth Art Month Exhibition	California Humanities	\$4,545	\$455	\$5,000
Arts & Hum	Art & Design	Koo, A.	Appreciation of Others via Creating and Sharing (Visual) Stories	California Humanities	\$4,545	\$455	\$5,000
<b>Total Department Submissions: 4</b>					<b>Total Department Submitted: \$105,624 \$19,663 \$125,287</b>		
Arts & Hum	Comm	Lull, R.	The Role of National Parks and Monuments in Landmark Scientific Achievements, 1876-2021	National Endowment for the Humanities (NEH)	\$35,000	\$0	\$35,000
Arts & Hum	Comm	Makkawy, A.	Humanities and Healthy Workplace Workshop	California Humanities	\$2,130	\$213	\$2,343
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted: \$37,130 \$213 \$37,343</b>		
Arts & Hum	Dean	Chapman, H.	Fresno State Prison Arts Collective (2020-2021) (Yr. 3 of 5)	California Arts Council (SDSU Passthrough)	\$49,995	\$12,499	\$62,494
Arts & Hum	Dean	Lindahl, J.	Fresno State Webcast	California Humanities	\$4,500	\$0	\$4,500
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted: \$54,495 \$12,499 \$66,994</b>		
Arts & Hum	English	Hernandez, M.	Mexicans and Mexican-ness in Late Nineteenth-Century U.S. Cultural Production	National Endowment for the Humanities (NEH)	\$6,000	\$0	\$6,000
Arts & Hum	English	Vang, M.	Sudden Experiments: A Series of Student-Led Public Workshops on Art/Poetry-Making	California Humanities	\$4,545	\$455	\$5,000
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted: \$10,545 \$455 \$11,000</b>		
Arts & Hum	Linguistics	Fulop, S.	Robust Formant Measurement for Assessing Variability in Speech Development (Yr. 1 of 5)	National Institutes of Health (NIH)( Haskins Laboratory)	\$79,206	\$31,682	\$110,888
Arts & Hum	Linguistics	Fulop, S.	Robust Formant Measurement for Assessing Variability in Speech Development (Yr. 1 of 5) - Resubmission	National Institutes of Health (NIH) (Haskins Laboratory)	\$80,024	\$32,010	\$112,034
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted: \$159,230 \$63,692 \$222,922</b>		
Arts & Hum	MCJ	Boren, J.	Institute for Media and Public Trust - Elevating Community Health (Yr. 1 of 5)	California Endowment	\$94,000	\$6,000	\$100,000
Arts & Hum	MCJ	Boren, J.	Lift Initiative of the James B. McClatchy Foundation	The McClatchy Foundation	\$35,000	\$0	\$35,000
Arts & Hum	MCJ	Juarez, S.	A Cultural Wealth Approach to Pedagogy: Developing Inclusive Measures for Foundational Communication Courses	Villanova University	\$10,000	\$0	\$10,000
Arts & Hum	MCJ	Schuelke, A.	California Water Documentary Film Trailer	CSU Agricultural Research Institute (ARI) - Campus	\$10,000	\$0	\$10,000
Arts & Hum	MCJ	Schuelke, A./ VanLeuven, N./ Therkelsen, J./ Mulhern, A./ Avalos, A.	Central Valley Water Documentary Project	California Humanities	\$4,600	\$460	\$5,060
Arts & Hum	MCJ	Sidlow, F.	Food and Sustainability: Local Voices. International Perspectives	California Humanities	\$4,500	\$500	\$5,000
<b>Total Department Submissions: 6</b>					<b>Total Department Submitted: \$158,100 \$6,960 \$165,060</b>		
Arts & Hum	MCLL	Polegato, A.	Improving Language Teaching Policy: Teaching for Language Transfer in Foreign Language Settings	William T. Grant Foundation	\$42,000	\$6,300	\$48,300
Arts & Hum	MCLL	Polegato, A.	Italian Studies Program Support 2021	Italian Cultural Institute	\$9,900	\$0	\$9,900
Arts & Hum	MCLL	Polegato, A.	Discussion Series: Italian Americans and Italians in California	California Humanities	\$4,545	\$455	\$5,000

<b>Total Department Submissions: 3</b>					<b>Total Department Submitted:</b>	<b>\$56,445</b>	<b>\$6,755</b>	<b>\$63,200</b>
Arts & Hum	Music	Boone, B.	Empowering Central Valley Voices Through Poetry and Music: A Demonstration, Discussion, and Workshops with U.S. Poet Laureate Juan Felipe Herrera, Fresno Poet Laureates Lee Herrick and Marisol Baca, and Musicians Benjamin Boone and David Aus	California Humanities		\$4,545	\$455	\$5,000
Arts & Hum	Music	Gilroy, G.	Delivering Fresno State Wind Orchestra to Underserved Youth Musicians	California Humanities		\$4,545	\$455	\$5,000
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$9,090</b>	<b>\$910</b>	<b>\$10,000</b>
Arts & Hum	Philosophy	Fiala, A./ Sahatijan, Z./ Konduru, S.	A Bold Future: Educating Ethical Leaders by Connecting Curricula: Agriculture, Humanities, and Business Ethics	National Endowment for the Humanities (NEH)		\$24,887	\$9,955	\$34,842
Arts & Hum	Philosophy	Howard, V.	Jain-Hindu Symposium	Uberoi Foundation		\$14,500	\$0	\$14,500
Arts & Hum	Philosophy	Keyser, V.	Scientific Visualization, Technology, and Service-Learning: Developing a New Model for Teaching Cognitive Science	National Endowment for the Humanities (NEH)		\$6,000	\$0	\$6,000
Arts & Hum	Philosophy	Keyser, V.	Place Perspectives in the Central Valley Under COVID-19: An Applied Humanities (Year 1 of 3)	National Endowment for the Humanities (NEH)		\$42,382	\$6,376	\$48,758
Arts & Hum	Philosophy	Tahvildary, N.	Virtual- Based Training and Peer Mentoring (Yr. 1 of 3)	National Endowment for the Humanities (NEH)		\$57,716	\$8,657	\$66,373
<b>Total Department Submissions: 5</b>					<b>Total Department Submitted:</b>	<b>\$145,485</b>	<b>\$24,988</b>	<b>\$170,473</b>
<b>Totals:</b>						<b>\$736,144</b>	<b>\$136,135</b>	<b>\$872,279</b>

# Sid Craig School of Business

## Sid Craig School of Business Submitted Proposals: 11

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Craig School	Dean	Olson-Buchanan, J.	Fresno State Accounting/Finance Pathways	State of California (via Fresno K-16 Collaborative)	\$196,666	\$0	\$196,666	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$196,666</b>	<b>\$0</b>	<b>\$196,666</b>
Craig School	Fin and Bus Law	Jauregui, A.	Real Estate and Land Use Institute 2020-21	California State University (CSU)	\$4,000	\$0	\$4,000	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$4,000</b>	<b>\$0</b>	<b>\$4,000</b>
Craig School	Lyles Ctr	Milevoj, E.	Central Unified School District - High School Program	Central Unified School District	\$9,130	\$1,370	\$10,500	
Craig School	Lyles Ctr	Milevoj, E.	FUSD High School Program 2021-22	Fresno Unified School District (FUSD)	\$26,087	\$3,913	\$30,000	
Craig School	Lyles Ctr	Milevoj, E.	FUSD Kids Invent! 6th Grade Program 2021-22	Fresno Unified School District (FUSD)	\$453,913	\$68,087	\$522,000	
Craig School	Lyles Ctr	Milevoj, E.	FUSD Summer STEAM Tunnels 2021-22	Fresno Unified School District (FUSD)	\$41,739	\$6,261	\$48,000	
Craig School	Lyles Ctr	Milevoj, E.	FUSD STEM5 5th Grade Program 2021-22	Fresno Unified School District (FUSD)	\$334,783	\$50,217	\$385,000	
<b>Total Department Submissions: 5</b>					<b>Total Department Submitted:</b>	<b>\$865,652</b>	<b>\$129,848</b>	<b>\$995,500</b>
Craig School	Mgmt	Bommer, B./ Milevoj, E.	Statewide Restraint Usage Surveys 2021-22	California Office of Traffic Safety (OTS)	\$231,230	\$37,442	\$268,672	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$231,230</b>	<b>\$37,442</b>	<b>\$268,672</b>
Craig School	Mktg & Log	Sarofim, S.	FSTI Research 2021	CSU Transportation (via Fresno State Transportation Institute (FSTI))	\$0	\$0	\$0	
Craig School	Mktg & Log	Sarofim, S./ Tawfik, A.	Creating Safer Communities for Use of Active Transportation Modes in California: The Development of Effective Communication Message Strategy and Outreach for Vulnerable Road Users	San Jose State University (SJSU)(State of California passthrough)	\$67,060	\$7,809	\$74,869	
Craig School	Mktg & Log	Tawfik, A./ Sarofim, S.	Developing a Feasible Business Model for Expanding the EV Market to Lower Income Californians	San Jose State University (SJSU)(State of California passthrough)	\$67,111	\$7,817	\$74,928	
<b>Total Department Submissions: 3</b>					<b>Total Department Submitted:</b>	<b>\$134,171</b>	<b>\$15,626</b>	<b>\$149,797</b>
<b>Totals:</b>					<b>\$1,431,719</b>	<b>\$182,916</b>	<b>\$1,614,635</b>	

# Kremen School of Education and Human Development

## Kremen School of Education and Human Development Submitted Proposals: 43

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Education	C&I	Bohlin, C.	Math and Science Teacher Initiative (MSTI) STEM Challenge 2020-21	California State University (CSU) - Chancellors Office	\$100,000	\$0	\$100,000	
Education	C&I	Bohlin, C.	Math and Science Teacher Initiative (MSTI) 2020-21	California State University (CSU) - Chancellors Office	\$110,000	\$0	\$110,000	
Education	C&I	Bohlin, C.	California Mathematics Project - CSMP ESSA Federal Funds 2021-22	University of California Office of the President (UCOP)	\$59,811	\$4,785	\$64,596	
Education	C&I	Bohlin, C./ Tuska, A./ Amarsinghe, R.	California Mathematics Project - CSMP State Funds 2021--22	University of California Office of the President (UCOP)	\$22,890	\$1,144	\$24,034	
<b>Total Department Submissions: 4</b>					<b>Total Department Submitted:</b>	<b>\$292,701</b>	<b>\$5,929</b>	<b>\$298,630</b>
Education	CER/CGE	Becton-Brown, A./ Lopez-Ortiz, S.	Wayfinders	Anonymous	\$246,305	\$3,695	\$250,000	
Education	CER/CGE	Becton-Brown, A./ Lopez-Ortiz, S.	Wayfinders (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$330,284	\$26,423	\$356,707	
Education	CER	Lee, S./ Takahasi, Y./ Xiong, S.	Closing Equity Gaps in Education: A focus on Educational Counseling and Southeast Asian Student Success (Yr. 1 of 2)	Spencer Foundation	\$50,000	\$0	\$50,000	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - CVRC (2020-2021)	Central Valley Regional Center (CVRC)	\$271,809	\$16,274	\$288,083	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - East Bay (2020-2021)	East Bay Regional Center	\$122,273	\$7,374	\$129,648	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - San Andreas (2020-2021)	San Andreas Regional Center	\$103,884	\$6,761	\$110,645	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Golden Gate (2020-2021)	Golden Gate Regional Center	\$185,820	\$11,149	\$196,969	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Alta (2020-2021)	Alta Regional Center	\$47,940	\$2,680	\$50,620	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Valley Mountain Regional Center (2020-2021)	Valley Mountain Regional Center	\$138,027	\$8,282	\$146,309	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Far Northern Regional Center (2020-2021)	Far Northern Regional Center	\$5,177	\$311	\$5,487	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Tri County (2020-2021)	Tri County Regional Center	\$38,554	\$2,313	\$40,867	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - San Gabriel/ Pomona	San Gabriel/Pomona County	\$35,945	\$1,950	\$37,895	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - North Bay	North Bay	\$26,734	\$1,604	\$28,338	
Education	CER	Lucey, C.	Sanctuary and Youth Services (2017-22) 2020-2021 (Yr. 4 of 5)	Fresno Economic Opportunities Commission (FEOC)	\$66,000	\$0	\$66,000	
Education	CER	Lucey, C.	Fresno Family Counseling Center (2020-21)	Fresno County Superintendent of Schools (FCSS)	\$5,455	\$545	\$6,000	
Education	CER	Sharma, G.	The Role of Education in Fostering Global Citizenship amidst Dual Pandemic	American Educational Research Association (AERA)	\$4,000	\$0	\$4,000	
<b>Total Department Submissions: 16</b>					<b>Total Department Submitted:</b>	<b>\$1,678,206</b>	<b>\$89,361</b>	<b>\$1,767,568</b>
Education	Dean	Marshall, J.	Ticket-to-Work and Self-Sufficiency Program (2020-2021)	Social Security Administration	\$59,485	\$3,569	\$63,054	
Education	Dean	Pei-Ying, W.	Fresno State Child Care Access Means Parents in School (CCAMPIS) Program 2020-21	U.S. Department of Education (USDE)	\$363,044	\$11,953	\$374,997	
Education	Dean	Yerrick, R.	Pathways for Teachers and Equitable Access to STEM Resources in the COVID Era	State of California (via Fresno K-16 Collaborative)	\$197,000		\$197,000	
Education	Dean	Yerrick, R./ Ananian-Eastes, E.	Workability IV (2020-2021) (Yr. 2 of 3)	California Department of Rehabilitation (DOR)	\$133,333	\$10,667	\$144,000	
<b>Total Department Submissions: 4</b>					<b>Total Department Submitted:</b>	<b>\$752,862</b>	<b>\$26,189</b>	<b>\$779,051</b>
Education	Ed Leadership	Borromeo, V./ Sisavath, D.	Racial Equity at a Crossroads: Cambodian American and Lao American College Students in the Central Valley (Yr. 1 of 3)	Spencer Foundation	\$75,000	\$0	\$75,000	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$75,000</b>
Education	LEBSE	Basurto, I./ Lopez, P.	Calif. Reading and Literature Project - CSMP (State) 2020-21 (Year 5 of 5)	University of California Office of the President (UCOP)	\$32,160	\$1,608	\$33,768	
Education	LEBSE	Basurto, I./ Lopez, P.	Calif. Reading and Literature Project - ESSA (Federal) 2021-22	University of California Office of the President (UCOP)	\$44,620	\$3,570	\$48,190	
Education	LEBSE	Basurto, I./ Lopez, P.	CRLP Elementary & Secondary School Emergency Relief Funds (ESSER) 2021-22	University of California Office of the President (UCOP)	\$44,056	\$3,524	\$47,580	
Education	LEBSE	Bennett, L./ Yun, C./ Horsley, H.	BranchED Performance-Based Coaching (Yr. 2 of 3)	Branch Alliance for Educator Diversity	\$132,207	\$12,521	\$144,728	
Education	LEBSE	Garnett, W.	Social-Emotional Well-Being of Special Education Teachers (Yr. 1 of 2)	Spencer Foundation	\$28,120	\$0	\$28,120	

Education	LEBSE	Herrera, L.	MUSD Teacher Residency Program 2021-22	Madera Unified School District	\$26,034	\$2,603	\$28,637	
Education	LEBSE	Horsley, H.	Clovis Unified School District Teacher Residency Program 2020/21	Clovis Unified School District	\$67,500	\$0	\$67,500	
Education	LEBSE	Huerta, T.	Central Calif. World Language Project - CSMP State Funds - 2021-22	University of California Office of the President (UCOP)	\$16,667	\$833	\$17,500	
Education	LEBSE	Huerta, T.	Central Calif. World Language Project - CSMP/ESSA (Federal) - 2021-22	University of California Office of the President (UCOP)	\$34,896	\$2,792	\$37,688	
Education	LEBSE	Huerta, T.	Tracy USD CCWLP Workshops 2021-24 (Yr. 1 of 3)	Tracy Unified School District	\$27,273	\$2,727	\$30,000	
Education	LEBSE	Wahleithner, J.	2020-21 NWP Panda New Leaders Fellowship	National Writing Project	\$4,500	\$500	\$5,000	
Education	LEBSE	Wahleithner, J.	San Joaquin Valley Writing Project -ESSA (Federal) Funds 2021-22	University of California Office of the President (UCOP)	\$36,187	\$2,895	\$39,082	
Education	LEBSE	Wahleithner, J.	San Joaquin Valley Writing Project -CSMP (State) Funds 2021-22	University of California Office of the President (UCOP)	\$53,510	\$2,675	\$56,185	
Education	LEBSE	Wahleithner, J.	San Joaquin Valley Writing Project - Supplemental Funding Application 2020-22 (additional funds)	University of California Office of the President (UCOP)	\$5,142	\$258	\$5,400	
<b>Total Department Submissions: 14</b>					<b>Total Department Submitted:</b>	<b>\$552,872</b>	<b>\$36,506</b>	<b>\$589,378</b>
Education	Lib Studies	De Walt, P./ Nelson F.	A Self-Study of a New Teacher Education Department's Commitment to Social Justice (Year 1 of 2)	Spencer Foundation	\$22,572	\$0	\$22,572	
Education	Lib Studies	Nelson, F.	Science Teacher Education Pathways (A-STEP) (Yr. 2 of 4)	National Science Foundation (NSF)(via CSU East Bay)	\$19,900	\$3,760	\$23,660	
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$42,472</b>	<b>\$3,760</b>	<b>\$46,232</b>
Education	Welty Ctr	Franks, M.	Clovis USD School Climate Transformation 2020-21	U.S. Department of Education (USDE)(via Clovis Unified School District)	\$54,545	\$5,455	\$60,000	
Education	Welty Ctr	Franks, M.	Building Coherence (2020-21)	Twin Rivers Unified School District	\$59,091	\$5,909	\$65,000	
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$113,636</b>	<b>\$11,364</b>	<b>\$125,000</b>
					<b>Totals:</b>	<b>\$3,507,749</b>	<b>\$173,109</b>	<b>\$3,680,859</b>



# Lyles College of Engineering

## Lyles College of Engineering Submitted Proposals: 62

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted
Engrg	Civil and Geomatics Engrg	Ahn, Y.	FCC S-STEM (Yr. 2 of 5)	Fresno City College (National Science Foundation (NSF) Passthrough)	\$5,813	\$2,325	\$8,138
Engrg	Civil and Geomatics Engrg	Berber, M.	Comparison of Contemporary Photogrammetric Software from a Geodetic Perspective	Towill, Inc.	\$4,762	\$238	\$5,000
Engrg	Civil and Geomatics Engrg	Green, J.	Expanding Summer Youth Programs in Rail through Virtual Learning and a National Campus Network (Yr. 1 of 2)	U.S. Department of Transportation (Passthrough Michigan Tech.)	\$4,643	\$1,857	\$6,500
Engrg	Civil and Geomatics Engrg	Green, J./ Choo, C.	Railroading Education: on Track to a Great Career (Yr. 1 of 2)	U.S. Department of Transportation (Federal Railroad Administration)	\$70,220	\$22,932	\$93,152
Engrg	Civil and Geomatics Engrg	Green, J./ Liang, J.	20-02-122   ARI Campus: Economic Analysis to Optimize Location of Railroad Cooperative Agricultural Products	CSU Agricultural Research Institute (ARI)	\$18,000	\$0	\$18,000
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. 2 of 3)	National Science Foundation (NSF)	\$32,068	\$12,827	\$44,895
Engrg	Civil and Geomatics Engrg	Oka, L./ Stillmaker, K./ Sadrinezhad, A./ Jimenez-Sandoval, S.	ADVANCE Partnership: Kindling Inter-university networks for Diverse (KIND) (Yr. 1 of 3)	National Science Foundation (NSF)	\$276,542	\$90,158	\$366,700
Engrg	Civil and Geomatics Engrg	Pasha, F./ Goorahoo, D./ Jacobsen, T./ Yeasmin, D.	20-02-112   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. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$43,428	\$0	\$43,428
Engrg	Civil and Geomatics Engrg	Pasha, F./ Yeasmin, D./ Bushoven, J.	Development of a Smart Water Distribution System (WDS) Model to Improve Irrigation Efficiency (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI) - Campus	\$45,218	\$0	\$45,218
Engrg	Civil and Geomatics Engrg	Pasha, F./ Yeasmin, D./ Hillyer, C.	A Physical Process Based Comprehensive Artificial Intelligence (AI) Approach for Estimating Crop Water Requirement - Field Scale Pilot Study (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI) - Campus	\$49,400	\$0	\$49,400
Engrg	Civil and Geomatics Engrg	Qualle, C.	21-02-124   ARI Campus - Shallow Subsurface Artificial Groundwater Recharge (SSAGR) System at Irrigated Farms	CSU Agricultural Research Institute (ARI) - Campus	\$34,920	\$0	\$34,920
Engrg	Civil and Geomatics Engrg	Roa, J.	How Developing Regional Air Mobility Services Can Improve Ground Transportation Connectivity in the San Joaquin Valley	San Jose State University (SJSU)(SB1 passthrough)	\$64,973	\$9,671	\$74,644
Engrg	Civil and Geomatics Engrg	Roa, J.	Fresno State Transportation Institute (FSTI) How Developing Regional Air Mobility Services Can Improve Ground Transportation Connectivity in the San Joaquin Valley	Fresno Council of Governments (FCOG)	\$0	\$0	\$0
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Fresno State Transportation Institute (Yr. 4 of 5)	Fresno Council of Governments (FCOG)	\$737,118	\$84,618	\$821,736
Engrg	Civil and Geomatics Engrg	Tawfik, A.	San Joaquin Valley Electric Tractor Development and Demonstration (Yr. 3 of 3)	Project Clean Air	\$17,838	\$892	\$18,730
Engrg	Civil and Geomatics Engrg	Tawfik, A.	California State University Transportation Consortium (SB1) 2021-2021 (Yr. 1 of 3)	San Jose State University (SJSU)(SB1 Passthrough)	\$131,740	\$18,260	\$150,000
Engrg	Civil and Geomatics Engrg/FSTI	Tawfik, A./ Kwon, J./ Ahn, Y./ Chung, S./ Wang, N.	Addressing Environmental Justice through Community Partnerships, Technology Innovations, Policy Entrepreneurships, and Education (Yr. 1 of 2)	State of California Department of Justice	\$401,151	\$79,245	\$480,396
Engrg	Civil and Geomatics Engrg	Wright, W.	Technical Review of Healthy Soils Program (HSP) and State Water Efficiency and Enhancement Program (SWEET) Application (Yr. 1 of 2)	California Department of Food and Agriculture (CDFA)	\$22,806	\$5,702	\$28,508
Engrg	Civil and Geomatics Engrg	Wright, W./ Mizuno, W./ Longley, K.	Optimization of ion exchange pretreatment for desalination of agricultural drainage water (Yr. 1 of 2)	National Alliance for Water Innovation (NAWI)(U.S. Department of Energy (DOE))	\$277,425	\$88,970	\$366,395

**Total Department Submissions: 19**

**Total Department Submitted: \$2,238,065 \$417,695 \$2,655,760**

Engrg	Const Mgt	Calahorra Jimenes, M.	Fresno State Transportation Institute (FSTI) Performance in Road Projects	Fresno Council of Governments (FCOG)	\$0	\$0	\$0
Engrg	Const Mgt	Hyatt, B./ Wu, W./ Smith, M.	Social Media in Construction Management Courses	BIA/California Housing Foundation	\$24,181	\$2,418	\$26,599
Engrg	Const Mgt	Luo, V./ Aiton, L.	To Conduct a Review of Existing Literature Addressing the Impact of School Facilities on Student Engagement and Learning	California School Facilities Research Institute	\$43,341	\$6,501	\$49,842
Engrg	Const Mgt	Luo, V./ Wu, W.	Collaborative Research: An AI-Powered Approach for Personalized Construction Engineering and Management Education Using Immersive Virtual Field Trips (Yr. 1 of 3)	National Science Foundation (NSF)	\$68,266	\$27,306	\$95,572
Engrg	Const Mgt	Luo, V./ Wu, W.	Collaborative Research: HSI Implementation and Evaluation Project: Active Learning in Introductory STEM Courses with Extended Reality (ALIS-XR) - (Year 1 of 3)	National Science Foundation (NSF)	\$183,787	\$63,915	\$247,702
Engrg	Const Mgt	Smith, M./ Wu, W.	Fresno State HELP Grant (2021-2025) (Yr. 1 of 4)	National Housing Endowment	\$100,000	\$0	\$100,000
Engrg	Const Mgt	Wu, W.	2020 Construction Management Education Sponsorship	California Department of Consumer Affairs (DCA)	\$7,322	\$1,099	\$8,421
Engrg	Const Mgt	Wu, W.	2021 Construction Management Education Sponsorship	California Department of Consumer Affairs (DCA)	\$10,056	\$1,508	\$11,564
Engrg	Const Mgt	Wu, W./ Luo, V./ Phan, T.	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	\$167,094	\$584,829

**Total Department Submissions: 9**

**Total Department Submitted: \$854,688 \$269,841 \$1,124,529**

Engrg	CWI	Qualle, C./ Green, S./ Ramos, L.	PPIC Stakeholder Engagement (Yr. 1 of 3)	Public Policy Institute of California (PPIC)	\$8,262	\$2,066	\$10,328	
Engrg	CWI	Qualle, C./ Ramos, L.	Phase I of the SJV Water Collaborative Action Plan	Central Valley Community Foundation (CVCF)	\$45,455	\$4,545	\$50,000	
Engrg	CWI	Qualle, C./ Ramos, L.	Phase I of the SJV Water Collaborative Action Plan	Water Blueprint for the San Joaquin Valley Education Fund	\$45,454	\$4,546	\$50,000	
<b>Total Department Submissions: 3</b>					<b>Total Department Submitted:</b>	<b>\$99,171</b>	<b>\$11,157</b>	<b>\$110,328</b>
Engrg	Dean	Larralde-Muro, J.	Student Assistant Support at California State University, Fresno (Year 2 of 4)	California Department of Forestry and Fire Protection	\$44,000	\$11,000	\$55,000	
Engrg	Dean	Larralde-Muro, J.	Student Interns - County of Fresno (2020 Amendment)	County of Fresno	\$86,956	\$13,044	\$100,000	
Engrg	Dean	Larralde-Muro, J.	Student Interns - City of Clovis 2021-2023 - (Year 1 of 3)	City of Clovis	\$14,493	\$2,174	\$16,667	
Engrg	Dean	Nunna, R.	Fostering Student Research in LCOE 2020	California Space Grant Consortium (National Aeronautics and Space Administration (NASA) Passthrough)	\$10,000	\$0	\$10,000	
Engrg	Dean	Nunna, R.	Broadening Participation and Success in Engineering and Construction Management Education and Careers	State of California (via Fresno K-16 Collaborative)	\$196,666	\$0	\$196,666	
Engrg	Dean	Nunna, R.	MESA Schools Program (MSP) 2020-2021	University of California Office of the President (UCOP)	\$173,429	\$8,571	\$182,000	
Engrg	Dean	Nunna, R.	MESA MEP Program 2020-2021	University of California Office of the President (UCOP)	\$9,524	\$476	\$10,000	
<b>Total Department Submissions: 7</b>					<b>Total Department Submitted:</b>	<b>\$535,068</b>	<b>\$35,265</b>	<b>\$570,333</b>
Engrg	ECE	Kim, Y.	Sensor Data Fusion 2021 (Year 3 Funding)	Electronics and Telecommunications Research Institute (ETRI)	\$43,478	\$6,552	\$50,030	
Engrg	ECE	Kinman, P.	Advanced DSN Engineering Subcontract No. 1556698 Modification No. 008 (Yr. 2 of 3)	Jet Propulsion Laboratory (JPL)(National Aeronautics and Space Administration (NASA) Passthrough)	\$138,930	\$55,572	\$194,502	
Engrg	ECE	Kinman, P.	Advanced DSN Engineering (Modification No. 11/Sub No. 1556698)	California Institute of Technology/Jet Propulsion Laboratory (JPL)	\$138,000	\$55,200	\$193,200	
Engrg	ECE	Kulhandjian, H.	Fresno State Transportation Institute (FSTI) Learning	Fresno Council of Governments (FCOG)	\$0	\$0	\$0	
Engrg	ECE	Kulhandjian, H./ El-Razouk, H.	Secure Communications and Embedded Systems Laboratory at California State University, Fresno	U.S. Department of Defense (DOD)	\$378,002	\$0	\$378,002	
Engrg	ECE	Laha, S.	CAREER: A New Paradigm in Diabetes Management: Non-Invasive, Wearable, Flexible, Continuous Glucose Monitoring System using Machine Learning based Cohesive Detection (Ni-CGM) (Yr. 1 of 5)	National Science Foundation (NSF)	\$481,402	\$189,961	\$671,363	
Engrg	ECE	McBee, K./ Na, W.	Creating A Distributed Energy Resource Interconnection Laboratory at California State University, Fresno	U.S. Department of Defense (DOD)	\$385,535	\$0	\$385,535	
Engrg	ECE	McBee, K./ Na, W./ Kim, Y.	Development of an Overhead Power Line Fire Prevention System (Yr. 1 of 3)	National Science Foundation (NSF)	\$89,645	\$35,858	\$125,503	
Engrg	ECE	Mouffak, Z./ Oka, L./ Nguyen, T.	Making Opportunities through Reformed Engineering Education for Underserved Communities of the San Joaquin Valley (MORE) (Yr. 1 of 5)	National Science Foundation (NSF)	\$217,249	\$29,830	\$247,079	
Engrg	ECE	Na, W./ Wang, N.	Fresno State Transportation Institute (FSTI) AI Based Control and Monitoring of CEVS (Connected Electrical Vehicle )	Fresno Council of Governments (FCOG)	\$0	\$0	\$0	
Engrg	ECE	Tayeb, S.	Securing the Next-Generation of In-Vehicle Networks	American Society for Engineering Education (ASEE) (NSF Passthrough)	\$7,000	\$0	\$7,000	
Engrg	ECE	Tayeb, S.	CRII: NeTS: RUI: Toward an Adaptive Framework to Secure the Internet of Vehicles by Design - (Year 1 of 2)	National Science Foundation (NSF)	\$61,158	\$24,463	\$85,621	
Engrg	ECE	Tayeb, S./ Kim, Y./ Pirouz Nia, M./ Stillmaker, A./ Raeisi, R.	Fresno State Transportation Institute (FSTI) Taming the Data in the Internet of Vehicles	Fresno Council of Governments (FCOG)	\$0	\$0	\$0	
Engrg	ECE	Wang, N./ Banerjee, S./ Nguyen, T./ Liang, Z.	Collaborative Proposal: CREST Center for Advanced Materials and Smart Systems (CAMSS) - (Year 1 of 5)	National Science Foundation (NSF)	\$511,169	\$176,754	\$687,923	
Engrg	ECE	Wang, N./ Na, W.	NeTS:Small;RUI; Bulldog Mote - Low Power Sensor Node and Design Methodologies (Yr. 3 of 3)	National Science Foundation (NSF)	\$96,603	\$38,641	\$135,244	
<b>Total Department Submissions: 15</b>					<b>Total Department Submitted:</b>	<b>\$2,548,171</b>	<b>\$612,831</b>	<b>\$3,161,002</b>
Engrg	Mech Engrg	Banerjee, S./ Laha, S.	Collaborative Research: Novel Perovskite Functionalization via Optoelectronic Behavior Enhancement and Quantum Material - (Year 1 of 3)	U.S. Department of Defense (DOD)	\$35,183	\$14,073	\$49,256	
Engrg	Mech Engrg	Banerjee, S./ Laha, S./ Nguyen, T./ Happawana, G.	Laboratory for Advanced Biomedical Materials, Electronics, Devices, Instrumentation, and Circuits (LAB-MEDIC)	U.S. Department of Defense (DOD)	\$578,015	\$0	\$578,015	
Engrg	Mech Engrg	Deify, L.	Pistachios Shell and Nut Particle Separation using Fluids Engineering Techniques	Wonderful Company	\$8,670	\$1,301	\$9,971	
Engrg	Mech Engrg	Hoskins, A.	CAREER: Reduction of Objective Function Evaluations for a Particle Swarm Optimizer (Yr. 1 of 5)	National Science Foundation (NSF)	\$407,892	\$147,003	\$554,895	
Engrg	Mech Engrg	Law, D.	Pistachios Shell and Nut Particle Separation using Fluids Engineering Techniques - Amendment 1	Wonderful Company	\$10,878	\$0	\$10,878	
Engrg	Mech Engrg	Law, D.	Fresno State Air Indoor Quality Research Project	American Society for Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)	\$17,000	\$0	\$17,000	

Engrg	Mech Engrg	Liang, Z.	RUI: Thermal Transport Across Liquid Gas Interfaces (Yr. 3 of 3)	National Science Foundation (NSF)	\$66,560	\$26,624	\$93,184	
Engrg	Mech Engrg	Liang, Z.	Understanding the merging dynamics of surface nanobubbles and the resulting capillary force between particles from molecular simulations (Yr. 2 of 3)	National Science Foundation (NSF)	\$65,763	\$26,305	\$92,068	
Engrg	Mech Engrg	Xie, Y.	FMRG: Eco-Manufacturing of Lithium Ion Battery for Electric Vehicles (Yr. 1 of 4)	National Science Foundation (NSF)(passthrough CASE Western Reserve University)	\$23,195	\$9,278	\$32,473	
<b>Total Department Submissions:</b>					<b>Total Department Submitted:</b>	<b>\$1,213,156</b>	<b>\$224,584</b>	<b>\$1,437,740</b>
					<b>Totals:</b>	<b>\$7,488,319</b>	<b>\$1,571,373</b>	<b>\$9,059,692</b>

# College of Health and Human Services

## College of Health and Human Services Submitted Proposals: 80

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Hlth & HS	CVHPI	Capitman, J.	Nutrition Education Obesity Prevention (NEOP) (Yr. 3 of 3)	County of Fresno	\$86,400	\$21,600	\$108,000	
Hlth & HS	CVHPI	Capitman, J.	Fresno County Collaboration for Wellness (Yr. 3 of 3)	County of Fresno	\$51,383	\$13,616	\$64,999	
Hlth & HS	CVHPI	Capitman, J./ Acala, E.	Climate Change Health Equity	Kresge Foundation (via Leadership Counsel)	\$21,739	\$3,261	\$25,000	
Hlth & HS	CVHPI	Capitman, J./ DeRoo, D.	San Joaquin Valley Public Health Consortium - Equity Implementation	The California Endowment	\$46,739	\$3,261	\$50,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Local Oral Health Evaluation Services (Yr. 3 of 3)	County of Fresno	\$43,478	\$6,522	\$50,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	COVID-19 Response (City of Fresno)	City of Fresno	\$37,284	\$5,593	\$42,877	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	COVID-19 Response (County of Fresno)	Fresno County (via Fresno Building Healthy Communities (FBHC))	\$96,734	\$14,510	\$111,244	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	COVID-19 Response Phase 2 (County of Fresno)	Fresno County (via Fresno Building Healthy Communities (FBHC))	\$110,086	\$16,513	\$126,599	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Race and Equity Advisory Committee DRIVE 2021-22	Central Valley Community Foundation (CVCF)	\$17,391	\$2,609	\$20,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	CVCF DRIVE Shared Analysis	Central Valley Community Foundation (CVCF)	\$45,652	\$6,848	\$52,500	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Fresno BHC Post COVID Eval	The California Endowment (via Fresno Building Healthy Communities (FBHC))	\$69,565	\$10,435	\$80,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Immigrant Refugee Coalition COVID-19 Equity Project	Sierra Health Foundation (via Fresno Building Healthy Communities (FBHC))	\$89,277	\$8,928	\$98,205	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Sierra Health Foundation IRC COVID	Sierra Health Foundation (via Fresno Building Healthy Communities (FBHC))	\$89,277	\$8,928	\$98,205	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Safety Through Connections Evaluation 2021	Cultiva la Salud	\$4,348	\$652	\$5,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	COVID-19 Response (City of Fresno) - Amd. 1	Fresno City (via Fresno Building Healthy Communities (FBHC))	\$26,513	\$3,977	\$30,490	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	DRIVE Civic Infrastructure Learning and Evaluation Project (Yr. 1 of 2)	Central Valley Community Foundation (CVCF)	\$86,956	\$13,044	\$100,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T./ Crowell, A.	Fresno County Digital Housing Data Repository (Yr. 2 of 5)	Chan-Zuckerberg Initiative	\$24,877	\$3,732	\$28,609	
Hlth & HS	CVHPI	DeRoo, D.	Advancing prevention policy innovation and adoption: The San Joaquin Valley Public Health Consortium (Yr. 2 of 2)	Blue Shield of California Foundation	\$162,043	\$24,306	\$186,349	
Hlth & HS	CVHPI	Garza, M./ Lessard, L.	EMBRACE Project 2019-23 (Year 2) - Amd. 1 (Yr. 2 of 4)	Patient-Centered Outcomes Research Institute (via UCSF)	\$689,123	\$257,797	\$946,920	
Hlth & HS	CVHPI	Pacheco-Werner, T.	Reducing Disparity Project Evaluation (Yr. 5 of 5)	West Fresno Family Resource Center	\$48,507	\$7,013	\$55,520	
Hlth & HS	CVHPI	Pacheco-Werner, T.	Evaluation for Health Equity 2018-21 (Yr. 3 of 3)	California Endowment	\$71,254	\$10,688	\$81,942	
Hlth & HS	CVHPI	Pacheco-Werner, T.	Climate Change and Health Equity (Amd. 1)	Kresge Foundation (Via Leadership Counsel for Justice and Accountability)	\$13,333	\$1,667	\$15,000	
<b>Total Department Submissions: 22</b>					<b>Total Department Submitted:</b>	<b>\$1,931,959</b>	<b>\$445,500</b>	<b>\$2,377,459</b>
Hlth & HS	DSWE	Addo, R.	Critical International Social Work Pedagogy: Using Maps and Map-Making to Decolonize Social Work Education in a Minority-Serving Institution	Council on Social Work Education	\$9,067	\$0	\$9,067	
Hlth & HS	DSWE	Addo, R./ Cronin, T.	Homelessness in Fresno: Virtual Social Justice Service-Learning Policy Analysis Project	GriffinHarte Foundation	\$870	\$130	\$1,000	
Hlth & HS	DSWE	Barrera, I./ Yang, B./ Madrigal, C./ Addo, R.	LaHm: A Latino & Hmong Behavioral Health Practice Project for Central California (Yr. 1 of 4)	U.S. Department of Health and Human Services (HRSA)	\$277,142	\$22,171	\$299,313	
Hlth & HS	DSWE	Crawford, M./ Fobear, K.	Intersecting Borders: Transgender Migrants and Asylum Seekers on the U.S. and Mexico Border	American Psychological Foundation (APF)	\$8,900	\$0	\$8,900	
Hlth & HS	DSWE	Foster, B./ Foster, D./ Vungkhanching, M.	Stanislaus Grievance Review Officer 2020-2021 (Yr. 2 of 2)	Stanislaus County Community Services Agency	\$6,522	\$979	\$7,500	
Hlth & HS	DSWE	Foster, B./ Foster, D./ Vungkhanching, M.	San Joaquin County Grievance Review Officer 2020-21	San Joaquin County Human Service Agency	\$34,000	\$6,000	\$40,000	
Hlth & HS	DSWE	Foster, B./ Foster, D./ Vungkhanching, M.	Stanislaus Grievance Review Officer 2019-21 (Amd. 1)	Stanislaus County Community Service Agency	\$11,565	\$1,735	\$13,300	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA-BAA Contra Costa CWS '19 (Yr. 3 of 3)	Contra Costa County Employment and Human Services	\$231,481	\$18,519	\$250,000	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA CDSS Master '19 2020-2021 (Yr. 3 of 3)	California Department of Social Services (CDSS)	\$25,855	\$2,585	\$28,440	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA-BAA CDSS Master '20 (Yr. 3 of 3)	California Department of Social Services (CDSS)	\$2,662,699	\$266,270	\$2,928,969	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Tulare Co Child Welfare Services (CWS) Training 2019-22 (Yr. 2 of 3)	Tulare Co. Department of Human Services	\$116,872	\$17,531	\$134,403	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA BAA Santa Cruz CWS Training 2019-21(Yr. 2 of 2)	County of Santa Cruz Human Services Department	\$125,444	\$10,043	\$135,487	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA BAA San Francisco CWS 2019-23 (Yr. 2 of 4)	County of San Francisco	\$535,104	\$42,808	\$577,912	

Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA-BAA San Mateo CWS 2019-22 (Yr. 2 of 3)	San Mateo County Human Services Agency	\$257,630	\$20,610	\$278,240
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Ventura County Grievance Review and Placement Review 2020/21	Ventura County Community Services Agency	\$21,739	\$3,261	\$25,000
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Stanislaus County Grievance Review Officer 2021-22	Stanislaus County Community Service Agency	\$11,739	\$1,761	\$13,500
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Kings County Core Practice Model/Safety Organized Practice Model 2021/23 (Yr. 1 of 2)	Kings County	\$134,000	\$20,100	\$154,100
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Madera County Safety Organized Practice 2021-22	Madera County Department of Social Services	\$58,000	\$8,700	\$66,700
Hlth & HS	DSWE	Foster, D./ Lutz, D./ Vungkhanching, M.	CCTA-CFPIC California Core Practice Model 2021-22	Child and Family Policy Institute of California (CFPIC)	\$65,217	\$9,783	\$75,000
Hlth & HS	DSWE	Foster, D./ Lutz, D./ Vungkhanching, M.	Santa Barbara County Grievance Review Officer 2021-22	County of Santa Barbara Social Services	\$2,609	\$391	\$3,000
Hlth & HS	DSWE	Foster, D./ Lutz, D./ Vungkhanching, M.	Ventura County Field Based Training 2021/22	Ventura County Human Services	\$272,087	\$40,813	\$312,900
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Solano County BAA FY2021-22	Solano County	\$64,240	\$5,139	\$69,379
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA CDSS Master 2021-24 (Yr. 1 of 3)	California Department of Social Services (CDSS)	\$3,124,352	\$312,435	\$3,436,787
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Alameda County BAA 2021/22 (Amd. 2) - Year 5 of 5	Alameda County	\$199,430	\$15,954	\$215,384
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA Sonoma County Training (2021-22)	County of Sonoma	\$47,986	\$3,839	\$51,825
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Napa County Child Welfare Services 2021-22	Napa County	\$71,236	\$5,699	\$76,935
Hlth & HS	DSWE	Foster, D./ Mathias, C.	San Mateo Grievance Review Officer 2018-21 (Amd. 2)	San Mateo County	\$9,491	\$759	\$10,250
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA Marin County Training 2021-22	Marin County	\$128,283	\$10,263	\$138,546
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Santa Cruz County BAA CWS Training 2021-22	Santa Cruz County	\$126,469	\$10,118	\$136,587
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Monterey County Child Welfare Training 2021-22	Monterey County	\$161,944	\$12,956	\$174,900
Hlth & HS	DSWE	Foster, D./ Mathias, C.	BAA CFPIC California Core Practice Model 2021-22	Child and Family Policy Institute of California (CFPIC)	\$69,444	\$5,556	\$75,000
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA Contra Costa Child Welfare Training 2021-24 (Yr. 1 of 3)	Contra Costa Employment & Human Services	\$208,333	\$16,667	\$225,000
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA Marin County Training 2020-21 (Amd. 1)	County of Marin	\$16,987	\$1,360	\$18,347
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA -BAA CDSS Master - 2018-21 - Amendment 2	California Department of Social Services (CDSS)	\$172,291	\$17,229	\$189,520
Hlth & HS	DSWE	Foster, D./ Mathias,C.	Common Core 3.0 Phase III ICWA	California Social Work Education Center (CaSWEC)	\$42,000	\$0	\$42,000
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Foster, B.	CCTA Kern County Safety Organized Practice Training (Yr. 4 of 5)	Kern County Department of Human Services	\$164,300	\$65,720	\$230,020
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Foster, B.	Kings County Core Practice Model/Safety Organized Training 2019-20(Yr. 2 of 2)	Kings County	\$97,500	\$14,625	\$112,125
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Foster, B.	Ventura County Field Based Training 2020-21	Ventura County Human Services	\$272,087	\$40,813	\$312,900
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Lutz, D.	CCTA CDSS Master 2021-24 #21-3010 (Yr. 1 of 3)	California Department of Social Services (CDSS)	\$3,400,749	\$340,075	\$3,740,824
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Lutz, D.	Calaveras County Grievance Review Officer 2021-22	Calaveras County	\$8,695	\$1,305	\$10,000
Hlth & HS	DSWE	Jayasundara, D.	Special Projects Funding (CSWE)	Council on Social Work Education	\$6,000	\$0	\$6,000
Hlth & HS	DSWE	Jayasundara, D.	Conducting an assessment of the impact of COVID-19 pandemic on women and girls	UNFPA (via Centre for Development, Research, and Intervention (CDRI))	\$730	\$0	\$730

<b>Total Department Submissions: 42</b>					<b>Total Department Submitted:</b>	<b>\$13,261,089</b>	<b>\$1,374,702</b>	<b>\$14,635,790</b>
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Hlth & HS	Nursing	Bal, H./ Gilbert, M.	Nursing Workforce Diversity Program (Yr. 1 of 4)	U.S. Department of Health and Human Services	\$353,492	\$8,279	\$361,771
Hlth & HS	Nursing/CCCEN	Gilbert, M.	SB RN Capitation 2019-21 (Yr. 2 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$96,000	\$0	\$96,000
Hlth & HS	Nursing/CCCEN	Gilbert, M.	SB RN Capitation 2020-2022 (Yr. 2 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$96,000	\$0	\$96,000
Hlth & HS	Nursing/CCCEN	Gilbert, M.	Song Brown FNP Training Program 2021-22	Office of Statewide Health Planning and Development (OSHPD)	\$96,000	\$0	\$96,000
Hlth & HS	Nursing/CCCEN	Gilbert, M.	SB RN Capitation 2021-23 (Yr. 1 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$120,000	\$0	\$120,000
Hlth & HS	Nursing/CCCEN	Gilbert, M./ Nair, N.	SB RN Special Programs '20-'22 (Yr. 2 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$52,480	\$4,198	\$56,678
Hlth & HS	Nursing	Miller, S.	RN to BSN Expansion Program	Kaweah Delta Hospital (via College of the Sequoia Foundation)	\$110,000	\$0	\$110,000
Hlth & HS	Nursing	Miller, S./ Gilbert, M.	SB RN Special Programs 2021-23 (Yr. 1 of 2)	Office of Statewide Health Planning and Development (OSHPD)	\$115,741	\$9,259	\$125,000
Hlth & HS	Nursing	Rindahl, K./ Gilbert, M.	Jerry McLarty Connectivity Grant	Mobile Healthcare Association	\$15,000	\$0	\$15,000

<b>Total Department Submissions: 9</b>					<b>Total Department Submitted:</b>	<b>\$1,054,713</b>	<b>\$21,736</b>	<b>\$1,076,449</b>
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Hlth & HS	Phys Therapy	Adame-Walker, J.	Normative Computerized Data in Healthy Young Adults Using the Concussion Balance Test (Cobalt)	California Physical Therapy Fund	\$15,194	\$0	\$15,194
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Hlth & HS	Phys Therapy	Ko, N.	A simple and quantitative clinical assessment of neuromuscular recovery after ACL injury (Yr. 1 of 3)	National Institutes of Health (NIH)(via Neuromuscular Dynamics)	\$8,881	\$3,452	\$12,333	
Hlth & HS	Phys Therapy	Rivera, M.	APTA Pediatric Research Grant	American Physical Therapy Association	\$7,355	\$0	\$7,355	
Hlth & HS	Phys Therapy	Roos, J./ Bhupinder, S.	Gait Analysis of Individuals (Yr. 3 of 3)	San Joaquin Valley Rehabilitation Hospital	\$4,198	\$802	\$5,000	
<b>Total Department Submissions: 4</b>					<b>Total Department Submitted:</b>	<b>\$35,628</b>	<b>\$4,254</b>	<b>\$39,882</b>
Hlth & HS	Public Hlth	Kwon, J./ Ahn, Y./ Chung, S.	Spatiotemporal Analysis of the Roadside Transportation-Related Air Quality - StarTraq 2021	San Jose State University (SJSU) Research Foundation (CSU Transportation Consortium)	\$57,218	\$8,583	\$65,801	
Hlth & HS	Public Hlth	Kwon, J./ Ahn, Y./ Chung, S.	FSTI Research 2021: StarTraq 2021	CSU Transportation Consortium (via Fresno State Transportation Institute (FSTI))	\$0	\$0	\$0	
Hlth & HS	Public Hlth	Mirlohi, S.	AEESP High School Educational Outreach Program 2021	Association of Environmental Engineering and Science Professors Foundation	\$1,739	\$261	\$2,000	
<b>Total Department Submissions: 3</b>					<b>Total Department Submitted:</b>	<b>\$58,957</b>	<b>\$8,844</b>	<b>\$67,801</b>
					<b>Totals:</b>	<b>\$16,342,346</b>	<b>\$1,855,036</b>	<b>\$18,197,381</b>

# College of Science and Mathematics

## College of Science and Mathematics Submitted Proposals: 98

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Sci & Math	Bio	Blumenshine, S.	Influence & Impact of Water Allocation for Salmon Restoration (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$31,538	\$0	\$31,538	
Sci & Math	Bio	Blumenshine, S./ Pasha, F.	20-02-119   Water for Salmon Restoration; Application of Quantitative Approaches (Yr. 1 of 2)	CSU Agricultural Research Institute (ARI) - Campus	\$23,019	\$0	\$23,019	
Sci & Math	Bio	Blumenshine, S./ Pasha, F.	ICF - Water 4 Salmon Restoration - Modification 01	ICF Global Consulting	\$8,696	\$1,304	\$10,000	
Sci & Math	Bio	Bush, J.	Metabolomics Analysis of HER2-Positive Breast Cancer Cells (Yr. 4 of 4)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$75,000	\$30,000	\$105,000	
Sci & Math	Bio	Calderon-Urrea, A.	Nematicidal Chalcones: A Genetic Approach to Uncovering the Action Mechanism (Year 1 of 4)	National Institutes of Health (NIH)	\$100,000	\$13,759	\$113,759	
Sci & Math	Bio	Gousset, K.	"Rhes Tunnel" Paves a Way for Intercellular Transport: Mechanisms and Role in Striatal Cell Biologu (Yr. 1 of 2)	Scripps Research (National Institutes of Health (NIH) Passthrough)	\$69,000	\$27,600	\$96,600	
Sci & Math	Bio	Hansen, A.	CAREER: Science in the City: Collaborative Lesson Studies to Improve Elementary Science Teacher Professional Development (Yr. 1 of 5)	National Science Foundation (NSF)	\$79,744	\$24,697	\$104,441	
Sci & Math	Bio	Lent, D.	The Interactions and Behavior of Drosophila melanogaster and suzukii with DEET analogs	CSU Program for Education and Research in Biotechnology (CSUPERB) - Student Research	\$6,500	\$0	\$6,500	
Sci & Math	Bio	Lent, D.	Behavioral Deficits in Drosophila Melanogaster with Mild Cognitive Impairment	CSU Program for Education and Research in Biotechnology (CSUPERB) - Student Research	\$7,000	\$0	\$7,000	
Sci & Math	Bio	Lent, D.	Determining Saccade - like Body Turns Refinement in Pogonomyrmex occidentalis in Navigational Route Establishment	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$7,000	\$0	\$7,000	
Sci & Math	Bio	Muller, U./ Hansen, A.	Collaborative Research: RUI: Suction Feeding in Small Organisms - The Interplay of Physics and Biology (Yr. 1 of 4)	National Science Foundation (NSF)	\$188,713	\$41,485	\$230,198	
Sci & Math	Bio	Ross, J.	Paternal mitochondrial transmission patterns in hybrid worms	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$1,427	\$0	\$1,427	
Sci & Math	Bio	Ross, J.	The Abiotic and Biotic Factors Influencing Tomato Quality	California Tomato Research Institute	\$3,505	\$0	\$3,505	
Sci & Math	Bio	Slade, J./ Van Laar, T.	The Effect of Urbanization on a Socially Transmitted Pathogen and Genetic Diversity in a Songbird	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$15,000	\$0	\$15,000	
Sci & Math	Bio	Slade, J./ Van Laar, T.	Avian health in an urban environment: immunity and the microbiome of city and rural bushbirds	Morris Animal Foundation	\$10,000	\$800	\$10,800	
Sci & Math	Bio	Telemeco, R.	What is Stress? Defining the Physiological Response to Stressors with Different Energetic Consequences	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$1,500	\$0	\$1,500	
Sci & Math	Bio	Telemeco, R.	Repatriation and preservation of Blunt-nosed Leopard Lizards (Gambelia sila) in the Panoche Hills, CA (Yr. 1 of 3)	Bureau of Land Management	\$83,433	\$7,169	\$90,602	
Sci & Math	Bio	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 4)	National Science Foundation (NSF)	\$118,300	\$34,193	\$152,493	
Sci & Math	Bio	Telemeco, R.	What is Stress? Defining the Physiological Response to Stressors with Different Energetic Consequences	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$1,500	\$0	\$1,500	
Sci & Math	Bio	Waselkov, K.	Digitization TCN: Collaborative: Capturing California's Flowers: Using Digital Images to Investigate Historical and Geographic Phenological Change in a Biodiversity Hotspot (Yr. 3 of 3)	Cal Poly SLO (National Science Foundation (NSF) Passthrough)	\$12,380	\$4,952	\$17,332	
Sci & Math	Bio	Waselkov, K./ Shrestha, A.	Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in Amaranthus Palmeri (Yr. 2 of 3)	University of Illinois (Prime: U.S. Department of Agriculture (USDA))	\$56,720	\$22,688	\$79,408	
Sci & Math	Bio	Waselkov, K./ Shrestha, A.	ARI: Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in Amaranthus palmeri (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$51,956	\$0	\$51,956	
Sci & Math	Bio	Waselkov, K./ Shrestha, A.	Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in Amaranthus Palmeri (Yr. 3 of 3)	University of Illinois (Prime: U.S. Department of Agriculture (USDA))	\$51,266	\$20,506	\$71,772	
<b>Total Department Submissions: 23</b>					<b>Total Department Submitted:</b>	<b>\$1,003,197</b>	<b>\$229,153</b>	<b>\$1,232,350</b>

Sci & Math	Chem	Brooks, C.	Preclinical Development of a Novel Antibody Conjugate for Intraoperative Detection of Pancreatic Cancer (Yr. 1 of 5)	National Institutes of Health (NIH) (UNMC Passthrough)	\$32,826	\$13,130	\$45,956
Sci & Math	Chem	Chen, Q.	Development of Natural Product-Based Androgen Receptor Modulators	CSU Program for Education and Research in Biotechnology (CSUPERB)(Microgrant)	\$1,500	\$0	\$1,500
Sci & Math	Chem	Chen, Q.	N-Terminal AR Antagonist-Based PROTACs for Castration-Resistant Prostate Cancer (Yr. 1 of 3)	National Institutes of Health (NIH)	\$100,000	\$25,841	\$125,841
Sci & Math	Chem	Chen, Q.	Combating Prostate Cancer with Non-LBD PROTACs	CSU Program for Education and Research in Biotechnology (CSUPERB) - Student Research	\$7,000	\$0	\$7,000
Sci & Math	Chem	Chen, Q.	Silibinin-Based AR Modulators for Castration-Resistant Prostate Cancer	CSU Program for Education and Research in Biotechnology (CSUPERB) - Student Research	\$7,000	\$0	\$7,000
Sci & Math	Chem	Closser, K.	Computational Study of Photo-Absorption and Degradation in Biologically Active Environmental Contaminants	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$15,000	\$0	\$15,000

Sci & Math	Chem	Closser, K.	Carbamazepine in Aqueous Environments	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$7,000	\$0	\$7,000
Sci & Math	Chem	Closser, K./ Hawker, M.	Student Facilitators as Drivers of Student Connection-Building in Large Lecture General Chemistry Courses: Virtual vs Face-to-Face Course Formats	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$15,000	\$0	\$15,000
Sci & Math	Chem	De La Cerda, L./ Goto, J.	LSAMP Participant Support (2021-2022) 533083 (Yr. 4 of 5)	Sacramento State University (National Science Foundation (NSF) Passthrough)	\$20,000	\$0	\$20,000
Sci & Math	Chem	De La Cerda, L./ Goto, J.	California State University Luis Stokes STEM Pathways and Research Alliance (CSU-LSAMP) (FY2020-2021) Amendment No. 532913-A3 (Yr. 3 of 5)	California State University (CSU) - Chancellor's Office via CSU, Sacramento	\$54,054	\$0	\$54,054
Sci & Math	Chem	De La Cerda, L./ Goto, J.	California State University Luis Stokes STEM Pathways and Research Alliance (CSU-LSAMP) (FY2021-2022) (Yr. 4 of 5)	California State University (CSU) - Chancellor's Office via CSU, Sacramento	\$45,001	\$0	\$45,001
Sci & Math	Chem	Goto, J./ Markin, M./ Benes, S./ Larralde-Muro, J.	LSAMP BD: California State University, Fresno, CSU-LSAMP-BD Cohort 16 (Yr. 2 of 2)	Sacramento State University (National Science Foundation (NSF) Passthrough)	\$528,000	\$0	\$528,000
Sci & Math	Chem	Krishnan, V.	Effect of Western Diet in Gastrointestinal Cancer by NMR Metabolomics (Yr. 3 of 4)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$75,000	\$30,000	\$105,000
Sci & Math	Chem	Krishnan, V.	Development of Research and Writing Skills (DRAWS): A tool for broader assessment to enhance research and research training	National Institutes of Health (NIH)	\$74,074	\$5,926	\$80,000
Sci & Math	Chem	Krishnan, V.	Neutral oxime as a potential inhibition of acetylcholinesterase on acetylcholine using an NMR based enzyme kinetics and progress curve analysis	CSU Program for Education and Research in Biotechnology (CSUPERB) - Student Research	\$7,000	\$0	\$7,000
Sci & Math	Chem	Krishnan, V.	Equilibrium kinetics of carbamate formation in 2,4-Diaminobutyric acid (DAB) and 2,3-Diaminopropanoic acid (DAP) in the presence of Bicarbonate	CSU Program for Education and Research in Biotechnology (CSUPERB) - Student Research	\$7,000	\$0	\$7,000
Sci & Math	Chem	Krishnan, V./ Calderon-Urrea, A./ Bush, J./ Goto, J./ Chen, Q.	RISE Program at Fresno State (Yr. 3 of 5)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$479,339	\$38,347	\$517,686
Sci & Math	Chem	Maitra, K.	Targeting ApoE pathway for the discovery of Alzheimer's disease	National Institutes of Health (NIH)	\$71,428	\$28,571	\$99,999
Sci & Math	Chem	Maitra, K.	Designing of charged peptides and peptidomimetics against a breast cancer model of metastasis	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$14,998	\$0	\$14,998
Sci & Math	Chem	Maitra, K.	10th International Conference on Algal Biomass, Biofuel, and Bioproducts	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$1,500		\$1,500
Sci & Math	Chem	Maitra, K./ Maitra, S.	Promotion of Agricultural Education for Underrepresented Students in the Central Valley through a Collaborative Approach (Yr. 1 of 4)	U.S. Department of Agriculture (USDA) - NIFA	\$148,734	\$42,238	\$190,972
Sci & Math	Chem	Maitra, S.	Effective, Safe & Inexpensive Spotted Wing Drosophila (SWD) Repellant	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$14,958	\$0	\$14,958
Sci & Math	Chem	Maitra, S.	Targeting AbcA1 and Ldlr production for the discovery of Alzheimer's disease drugs (Year 1 of 4)	National Institutes of Health (NIH)	\$99,249	\$39,699	\$138,948
Sci & Math	Chem	Maitra, S./ Lent, D.	Development of Effective, Safe and Inexpensive SWD Repellants	California Blueberry Commission	\$26,906		\$26,906
Sci & Math	Chem	Maitra, S./ Lent, D.	ARI Campus: Development of effective, safe, and inexpensive SWD repellents (Yr. 1 of 3)	CSU Agricultural Research Institute (ARI)	\$61,019	\$0	\$61,019
Sci & Math	Chem	Muchalski, H.	CSUPERB Travel Grant	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$1,500	\$0	\$1,500
Sci & Math	Chem	Muchalski, H.	New methodologies free radical oxidation kinetics and synthesis of silyl enol ethers	CSU Program for Education and Research in Biotechnology (CSUPERB)	\$1,067	\$0	\$1,067
Sci & Math	Chem	Uchida, M.	Nanomufacturing of Protein Macromolecular Frameworks Through an Integrated Bioengineering and Computational Approach (Yr. 3 of 3)	National Science Foundation (NSF)	\$156,609	\$19,749	\$176,358

**Total Department Submissions: 28**

**Total Department Submitted: \$2,072,762 \$243,501 \$2,316,263**

Sci & Math	CS	Cecotti, H.	CAREER: Brain-Computer Interface in Non-Stationary Environments with Deep Learning and Dynamic Functional Connectivity Analysis Using Electroencephalography (Yr. 1 of 5)	National Science Foundation (NSF)	\$97,844	\$23,938	\$121,782
Sci & Math	CS	Cecotti, H.	Brain-Computer Interface in dynamic tasks with deep learning and functional connectivity analysis (Yr. 1 of 3)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$120,577	\$34,522	\$155,099
Sci & Math	CS	Cecotti, H.	Enhancing spacecraft cockpits in fully immersive virtual reality	National Aeronautics and Space Administration (NASA)	\$1,500	\$0	\$1,500
Sci & Math	CS	Cecotti, H.	Great Paintings for the Central Valley	California Humanities	\$4,545	\$455	\$5,000
Sci & Math	CS	Cecotti, H./ Brillante, L./ Pedroza, M.	Image processing and pattern recognition courses for agricultural technology: a project-based learning with research experience approach (Yr. 1 of 4)	U.S. Department of Agriculture (USDA) - NIFA	\$178,571	\$71,428	\$249,999
Sci & Math	CS	Cecotti, H./ Pelaez, L./ Huisinga, L.	Enhancing learning and assessment in art history with fully-immersive virtual reality (Yr. 1 of 2)	National Endowment for the Humanities (NEH)	\$122,962	\$24,592	\$147,554
Sci & Math	CS	Cecotti, H./ Ringwald, F.	Discovering Bow-Shock Nebulae with Deep Semi-Supervised and Active Learning ( Yr. 1 of 3)	National Aeronautics and Space Administration (NASA)	\$77,714	\$31,086	\$108,800
Sci & Math	CS	Pirouz Nia, M.	CAREER: Toward a Complex Networks Approach to Brain Modeling and Diagnosis (Yr. 1 of 5)	National Science Foundation (NSF)	\$37,622	\$15,049	\$52,671
Sci & Math	CS	Pirouz Nia, M.	Collaborative Research: California Computer Science Research Practice Partnership Network (Yr. 1 of 2)	National Science Foundation (NSF)	\$35,414	\$9,366	\$44,780
Sci & Math	CS	Pirouz Nia, M./ Tayeb, S./ Stillmaker, A.	Towards a Multidisciplinary Summer Undergraduate Research Experience (SURE) for Computer Science and Engineering (CSE)	F5 Network	\$30,000	\$0	\$30,000
Sci & Math	CS	Pirouz, M./ Mehta, R./ Donnelly, D./ Walter, M.	Critical and Transdisciplinary Applications of Computational Thinking (CTACT) (Yr. 2 of 5)	National Science Foundation (NSF)	\$212,982	\$25,593	\$238,575

**Total Department Submissions: 11**

**Total Department Submitted: \$919,731 \$236,029 \$1,155,760**



Sci & Math	Dean	Meyer, C.	IES - C + D Pathways Proposal (Yr. 1 of 3)	U.S. Department of Education (USDE)(via Workcred)	\$71,194	\$28,478	\$99,672	
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. 2 of 3)	National Science Foundation (NSF)	\$211,750	\$81,914	\$293,664	
Sci & Math	Dean	Meyer, C./ Lachs, L./ Donnelly-Hermosillo, D./ Pirouz Nia, M./ Tsai, M.	I-VET: Interdisciplinary Virtual Environments for Teaching (Yr. 1 of 3)	National Science Foundation (NSF)	\$257,931	\$92,166	\$350,097	
<b>Total Department Submissions: 3</b>					<b>Total Department Submitted:</b>	<b>\$540,875</b>	<b>\$202,558</b>	<b>\$743,433</b>
Sci & Math	EES	Brady, M./ Mine, A./ Richaud, M./ Weinman, B.	GP-UP: Building Opportunities through Networks of Discovery in the Geosciences (GEOBOND) (Yr. 1 of 3)	National Science Foundation (NSF)	\$67,755	\$25,902	\$93,657	
Sci & Math	EES	Mine, A.	Biogeochemical Controls on Natural and Anthropogenic Groundwater Contaminants in California' Central Valley	Keck Geology Consortium (National Science Foundation (NSF) Passthrough) (Macalester College)	\$42,000	\$0	\$42,000	
Sci & Math	EES	Putirka, K.	RU1: Collaborative Proposal: Tectonic Controls on ARC Evolution (Year 3 of 3)	National Science Foundation (NSF)	\$45,204	\$18,082	\$63,286	
Sci & Math	EES	Reece, J.	Changes in Bat Biodiversity from 2002-2005 to 2019-2020 in Sequoia and Kings Canyon National Parks	Save the Redwoods League	\$5,000	\$0	\$5,000	
Sci & Math	EES	Weinman, B.	Pairing Instream Restoration with Disturbances to Restore Headwaters Meadows and Reduce Downstream Sedimentation	U.S. Forest Services (USFS) - U.S. Department of Agriculture (USDA)	\$27,234	\$4,766	\$32,000	
Sci & Math	EES	Weinman, B./ Brady, M.	Collaborative Research: Cultivating Undergraduate Students' Model-Based Reasoning about Socio-Hydrologic Systems (Yr. 1 of 3)	National Science Foundation (NSF)	\$46,282	\$18,513	\$64,795	
<b>Total Department Submissions: 6</b>					<b>Total Department Submitted:</b>	<b>\$233,475</b>	<b>\$67,263</b>	<b>\$300,738</b>
Sci & Math	Math	Adams, R./ Telemeco, R./ Reece, A./ Muller, U.	BioCalculus Preparation, Engagement, & Application (BioCalc PEA) Program (Yr. 1 of 3)	California Learning Lab (UC Irvine Subcontract)	\$79,226	\$6,338	\$85,564	
Sci & Math	Math	Amarasinghe, R./ Phillips, E.	GOTMath (Growing Outstanding Teachers of Mathematics) (Yr. 3 of 5)	National Science Foundation (NSF) Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)(UC Merced Passthrough)	\$311,443	\$17,187	\$328,630	
Sci & Math	Math	Banuelos, M.	Regulatory T cell function in predicting Valley fever outcomes (Yr. 2 of 2)	National Science Foundation (NSF)	\$12,061	\$4,824	\$16,885	
Sci & Math	Math	Banuelos, M./ Brillante, L.	Collaborative Research: HDR DSC: Engaging Underserved Communities of Learners in Data Science (EUCLIDS) Program in the Central Valley (Yr. 1 of 3)	National Science Foundation (NSF)	\$24,586	\$9,835	\$34,421	
Sci & Math	Math	Forgacs, T./ Bishop, M.	REU: California State University, Fresno Research Experiences in Mathematics (Yr. 1 of 3)	National Science Foundation (NSF)	\$116,098	\$13,991	\$130,089	
Sci & Math	Math	Tran, K./ Oka, L./ De Souza, C.	Why, What and How Calculus - (Year 1 of 3)	California Governor's Office of Planning and Research (OPR)	\$140,979	\$11,278	\$152,257	
Sci & Math	Math	Tuska, A.	Learning Community of Calculus Teachers	California Mathematics Project (CMP) (UC Los Angeles Passthrough)	\$25,704	\$1,096	\$26,800	
Sci & Math	Math	Tuska, A.	CSU/UC Mathematics Diagnostic Testing Project (MDTP)	UC San Diego (Regents of the University of California)	\$25,490	\$0	\$25,490	
Sci & Math	Math	Vega, O.	BAMMI: Bolstering the Advancement of Masters in Mathematics (Yr. 2 of 5)	National Science Foundation (NSF)	\$67,805	\$6,192	\$73,997	
Sci & Math	Math	Vega, O./ Forgacs, T./ Hasson, A./ Tague, J./ Caprau, C.	M-2S-2: Mentoring Math Scholars for Success (Yr. 4 of 5)	National Science Foundation (NSF)	\$209,120	\$22,762	\$231,882	
<b>Total Department Submissions: 10</b>					<b>Total Department Submitted:</b>	<b>\$1,012,512</b>	<b>\$93,503</b>	<b>\$1,106,015</b>
Sci & Math	Physics	Bawa, H.	"Explore cloud solution for ATLAS experiment of LHC at CERN by the CSU ATLAS group"	BNL Laboratory (U.S. Department of Energy (DOE) Passthrough)	\$28,291	\$11,316	\$39,607	
Sci & Math	Physics	Gao, Y.	IRES Track I: US-CERN Summer Program on Atlas Experiment of LHC at CERN (Yr. 3 of 3)	National Science Foundation (NSF)	\$87,465	\$10,332	\$97,797	
Sci & Math	Physics	Ho, P.	RU1: Investigation of Strongly Correlated Electron Behavior in Rare-Earth Related Materials (Yr. 3 of 3)	National Science Foundation (NSF)	\$93,785	\$37,514	\$131,299	
Sci & Math	Psych	Jackson, M.	FBS-FOCUSED BEHAVRL SERC	Central Valley Regional Center (CVRC)	\$13,385	\$914	\$14,298	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Behavior Intervention Services (BIS) 612 (Year 2 of 3)	Central Valley Regional Center (CVRC)	\$173,918	\$26,082	\$200,000	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Social Skills Training for Children and Young Adults	Central Valley Regional Center (CVRC)	\$0	\$0	\$0	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Parenting Skills Contract No. 18-028-001 (Yr. 2 of 3)	Central Valley Regional Center (CVRC)	\$28,725	\$4,309	\$33,034	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Behavior Intervention Services (BIS) 620	Central Valley Regional Center (CVRC)	\$239,420	\$11,111	\$250,531	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Childcare/Parent Training Contract SC063 - 19-063-001 (Yr. 2 of 3)	Central Valley Regional Center (CVRC)	\$28,725	\$4,309	\$33,034	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Behavior Intervention Services	Telecare Corporation	\$34,782	\$5,218	\$40,000	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Central Unified School District - Behavior Intervention Services (FY2020-2021)	Central Unified School District	\$42,608	\$6,392	\$49,000	
Sci & Math	Psych	Jackson, M./ Moschella, J.	D&D Residential - Behavior Intervention Services (FY2021-2022)	D&D Residential	\$19,130	\$2,870	\$22,000	
Sci & Math	Psych	Ni, H.	Resilience building in schools serving economically disadvantaged children under COVID-19: An examination of systems' level efforts	Spencer Foundation	\$50,000	\$0	\$50,000	
Sci & Math	Psych	Ni, H.	Building Resilience in School Settings in the U.S and China Under COVID-19	Spencer Foundation	\$50,000	\$0	\$50,000	
Sci & Math	Psych	Toro, R.	The Influence of Institutional, Interpersonal and Intrapersonal Factors on Latinx College Student Achievement and Well-Being (Year 1 of 4)	National Institutes of Health (NIH)	\$100,000	\$37,600	\$137,600	
Sci & Math	Physics	Vitali, E.	RU1: Fermionic pairing and exotic superfluid phases in cold atomic Fermi systems: a first-principles computational study (Yr. 1 of 3)	National Science Foundation (NSF)	\$65,667	\$20,147	\$85,814	

Sci & Math	Psych	Woo, E.	Enhancing Access to Health Care for Underserved Adults at Risk for Alzheimers Disease (Yr. 1 of 4)	National Institutes of Health (NIH)	\$239,216	\$93,686	\$332,902	
<b>Total Department Submissions: 17</b>					<b>Total Department Submitted:</b>	<b>\$1,295,117</b>	<b>\$271,799</b>	<b>\$1,566,917</b>
					<b>Totals:</b>	<b>\$7,077,669</b>	<b>\$1,343,806</b>	<b>\$8,421,476</b>

# College of Social Sciences

## College of Social Sciences Submitted Proposals: 20

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Social Science	Anthro	Juarez, C.	Learning from our Casework: The forensic anthropology database for assessing methods accuracy (FADAMA) (Yr. 2 of 2)	University of Illinois Champagne Urbana (NIJ Passthrough)	\$12,276	\$4,910	\$17,186	
Social Science	Anthro	Sisavath, D./ Yi, V.	Collective Care Series: Voices from Southeast Asian American Youth in Fresno	California Humanities	\$9,033	\$853	\$9,886	
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$21,309</b>	<b>\$5,763</b>	<b>\$27,072</b>
Social Science	CFS	Hammons, A.	Action in Community: Translating Research Evidence into Health Equity (Yr. 1 of 5)	National Institutes of Health (NIH)(University of Chicago - Urbana Passthrough)	\$51,486	\$20,594	\$72,080	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$51,486</b>	<b>\$20,594</b>	<b>\$72,080</b>
Social Science	Crim	Azizian, A.	Risk Factors and Recidivism Rates Among Military Veterans Involuntarily Hospitalized Under California's Sexually Violent Predator Act	Harry Frank Guggenheim Foundation	\$34,518	\$0	\$34,518	
Social Science	Crim	Clement, K./ El-Razouk, H./ Ryan, K./ Kieckhaefer, J.	U.S. COVID-19 Relief Technology Career Education and Workforce Development Pathway/Pipeline Framework (Yr. 1 of 4)	U.S. Department of Labor (DOL)	\$2,207,335	\$256,820	\$2,464,155	
Social Science	Crim	Hughes, E.	CSU Project Rebound Outreach Program (Yr. 3 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$42,556	\$3,090	\$45,646	
Social Science	Crim	Hughes, E.	Project Rebound Mentorship Program (Yr. 2 of 3)	California Department of Juvenile Justice (Cal Poly Pomona Passthrough)	\$11,505	\$3,452	\$14,957	
Social Science	Crim	Kieckhaefer, J.	Exploring Mock Jurors' Perceptions of Eyewitnesses Under the Influence of Cannabis (Yr. 1 of 2)	Bureau of Cannabis Control	\$66,259	\$16,638	\$82,897	
Social Science	Crim	Klement, K./ Kieckhaefer, J./ Marshall, J.	Evaluation of Contraband Interdiction Pilot Program - SATF and State Prison Corcoran Research Proposal (Yr. 3 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$35,441	\$10,632	\$46,073	
Social Science	Crim	Marshall, H.	The Impact of Recreational Marijuana Use on Organized Crime and Violent Crime in California (Yr. 1 of 2)	Bureau of Cannabis Control	\$61,356	\$18,407	\$79,763	
Social Science	Crim	Shaw, M.	The JAG Prevention and Education Grant (Yr. 2 of 3)	County of Kings (via Board of State and Community Corrections)	\$10,001	\$1,000	\$11,001	
Social Science	Crim	Summers, M.	Second Chance Community-Based Adult Reentry Program (Yr. 1 of 4)	Insight Garden (U.S. Department of Justice - Bureau of Justice Assistance (BJA) Passthrough)	\$4,107	\$1,643	\$5,750	
<b>Total Department Submissions: 9</b>					<b>Total Department Submitted:</b>	<b>\$2,473,078</b>	<b>\$311,682</b>	<b>\$2,784,760</b>
Social Science	Geography	Dangi, M.	Collaborative Research: IRES Track I: Study of Soil Biocovers and Biological Waste Treatment Systems in Extreme Climatic Conditions in the Himalayas (Yr. 1 of 3)	National Science Foundation (NSF)	\$65,807	\$5,812	\$71,619	
Social Science	Geography	Dangi, M./ Shrestha, A.	Central Valley Student Experiential Learning: Study of Food Waste To Meet Growing Environmental Challenges in California (Yr. 1 of 4)	U.S. Department of Agriculture (USDA) - NIFA	\$74,471	\$14,385	\$88,856	
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$140,278</b>	<b>\$20,197</b>	<b>\$160,475</b>
Social Science	Poli Sci	Bryant, L.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$345,894	\$0	\$345,894	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$345,894</b>	<b>\$0</b>	<b>\$345,894</b>
Social Science	Sociology	Crowell, A.	Origins of Contemporary Segregation in US Urban Areas: Analyses Using Restricted Microdata for 1940 (Yr. 1 of 3)	National Science Foundation (NSF)	\$94,775	\$34,150	\$128,925	
Social Science	Sociology	Jones, A.	Assessment of SMROs/SROs For Fresno Unified School District	Fresno Unified School District (FUSD)	\$42,522	\$6,378	\$48,900	
Social Science	Sociology	Jones, A./ Kubal, T.	Commission on Police Reform Survey	City of Fresno	\$22,750	\$3,413	\$26,163	
Social Science	Sociology	Kubal, T./ Crowell, A./ Helsel, D.	Evaluation of Lodge Innovation Program (Yr. 1 of 4)	Fresno County Department of Behavioral Health	\$18,649	\$2,797	\$21,446	

<b>Total Department Submissions:</b> 4				<b>Total Department Submitted:</b>	\$178,696	\$46,738	\$225,434
Social Science	Women Studies	Fobear, K.	Voices of the Valley: LGBTQ+ Latinx and Hmong experiences with Covid-19, belonging, and community	William Institute - via UC Los Angeles SOL	\$7,500	\$0	\$7,500
<b>Total Department Submissions:</b> 1				<b>Total Department Submitted:</b>	\$7,500	\$0	\$7,500
<b>Totals:</b>					<u>\$3,218,241</u>	<u>\$404,974</u>	<u>\$3,623,215</u>

# Henry Madden Library

## Student Affairs Submitted Proposals: 2

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Henry Madden Library	Research Services	Alteri, S.	Middle Grade and Young Adult Books with Black, Indigenous People and People of Color: Where are they? (Yr. 1 of 3)	Institute of Museum and Library Services (via University of Florida)	\$12,366	\$4,946	\$17,312	
Henry Madden Library	Research Services	Barnes, G.	Digital Humanities Symposium	California Humanities	\$4,545	\$455	\$5,000	
<b>Total Department Submissions: 2</b>					<b>Total Department Submitted:</b>	<b>\$16,911</b>	<b>\$5,401</b>	<b>\$22,312</b>
					<b>Totals:</b>	<b>\$16,911</b>	<b>\$5,401</b>	<b>\$22,312</b>

# Student Affairs

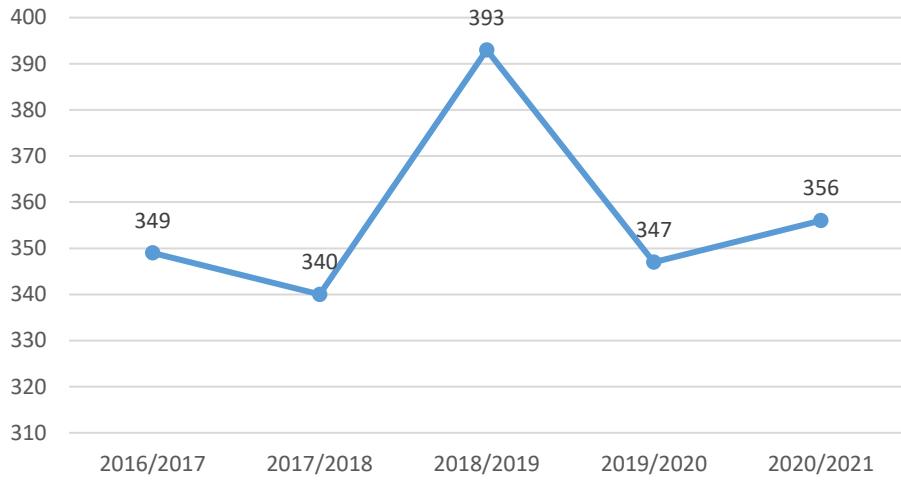
## Student Affairs Submitted Proposals: 20

School	Department	PI	Title	Agency	Direct Submitted	Indirect Submitted	Total Submitted	
Student Affairs	AFS Cupboard	Medina, J.	Cal Fresh Outreach FY2019-2021 (Yr. 3 of 3) - Increase	CSU Chico (California Department of Social Services (CDSS))	\$7,857	\$3,143	\$11,000	
Student Affairs	AFS Cupboard	Medina, J.	Cal Fresh Outreach FY2019-2021 (Yr. 2 of 3) - Increase	CSU Chico (California Department of Social Services (CDSS))	\$2,142	\$858	\$3,000	
Student Affairs	AFS Cupboard	Medina, J.	CalFresh Outreach FY 2022-24 (Yr. 1 of 3)	CSU Chico (California Department of Social Services (CDSS))	\$106,821	\$26,705	\$133,526	
Student Affairs	AFS Cupboard	Medina, J.	SNAP Ed Services 2021-22	U.S. Department of Agriculture (USDA)(passthrough funding to CDSS to CSU Chico)	\$62,582	\$15,645	\$78,227	
<b>Total Department Submissions: 4</b>					<b>Total Department Submitted:</b>	<b>\$179,402</b>	<b>\$46,351</b>	<b>\$225,753</b>
Student Affairs	CAMP	Gamez, O.	College Assistance Migrant Program Grant (CAMP) 2019-2024 - (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$386,290	\$38,710	\$425,000	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$386,290</b>	<b>\$38,710</b>	<b>\$425,000</b>
Student Affairs	EOC	Amaro, J.	Central California Educational Opportunity Center 2020-2021 (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$362,172	\$28,974	\$391,146	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$362,172</b>	<b>\$28,974</b>	<b>\$391,146</b>
Student Affairs	OSP	Jones, S.	CAL SOAP 2020-21	California Student Aid Commission (CSAC)	\$626,778	\$31,339	\$658,117	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$626,778</b>	<b>\$31,339</b>	<b>\$658,117</b>
Student Affairs	SHCC	Yarmo, K.	Keeping It Sexually Safer (KISS) - (Yr. 2 of 2)	Central Valley Community Foundation (CVCF)	\$37,550	\$1,200	\$38,750	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$37,550</b>	<b>\$1,200</b>	<b>\$38,750</b>
Student Affairs	SI	Stewart, C.	Unreal Hub Studio Project (Yr. 1 of 3)	Epic Games	\$429,271	\$44,696	\$473,967	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$429,271</b>	<b>\$44,696</b>	<b>\$473,967</b>
Student Affairs	SSD	Coon, C./ Flores, L.	USDE SSS Disabilities 2020-2025 (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$243,637	\$18,251	\$261,888	
<b>Total Department Submissions: 1</b>					<b>Total Department Submitted:</b>	<b>\$243,637</b>	<b>\$18,251</b>	<b>\$261,888</b>
Student Affairs	SSS	Russell, K.	Federal Work Study FY 2020-2021	U.S. Department of Education (USDE)	\$603,975	\$0	\$603,975	
Student Affairs	SSS	Xiong, G.	USDE SSS Regular 2020-2025 (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$326,298	\$21,704	\$348,002	
Student Affairs	SSS	Xiong, G./ Flores, L.	USDE SSS Veterans 2020-2025 (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$245,452	\$16,436	\$261,888	
<b>Total Department Submissions: 3</b>					<b>Total Department Submitted:</b>	<b>\$1,662,999</b>	<b>\$74,642</b>	<b>\$1,737,641</b>
Student Affairs	Talent Search	Amaro, J.	Central California Educational Opportunity Center 2021-26 (Year 1) (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$362,207	\$28,939	\$391,146	
Student Affairs	Talent Search	Figueroa, J.	Fresno State Educational Talent Search Porterville College 2021-26 (Year 1) (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$257,740	\$19,635	\$277,375	
Student Affairs	Talent Search	Granados, M./ Figueroa, J.	Educational Talent Search Porterville 2020-2021 (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$256,829	\$20,546	\$277,375	
Student Affairs	Talent Search	Granados, M./ Nunez, O.	Fresno State Educational Talent Search 2019-2020 (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$349,288	\$27,943	\$377,231	
Student Affairs	Talent Search	Nunez, O.	Fresno State Educational Talent Search 2021-26 (Year 1) (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$349,899	\$27,332	\$377,231	

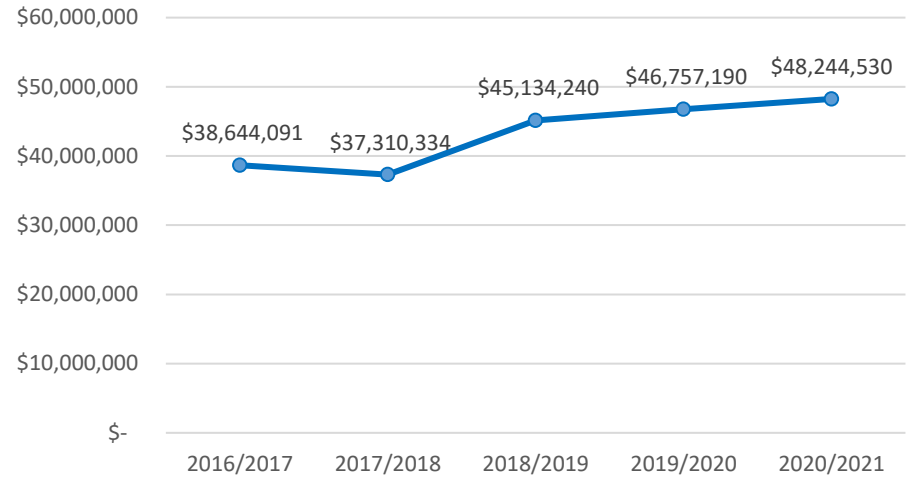
<b>Total Department Submissions:</b>				<b>5</b>	<b>Total Department Submitted:</b>	<b>\$1,575,963</b>	<b>\$124,395</b>	<b>\$1,700,358</b>
Student Affairs	Upward Bound	Garcia-Mireles, B.	Upward Bound NextGen 2020-2021 CSU, Fresno (Yr. 4 of 5)		U.S. Department of Education (USDE)	\$295,400	\$17,080	\$312,480
Student Affairs	Upward Bound	Garcia-Mireles, B.	Upward Bound Classic 2020-2021 (Yr. 4 of 5)		U.S. Department of Education (USDE)	\$453,466	\$27,656	\$481,122
<b>Total Department Submissions:</b>				<b>2</b>	<b>Total Department Submitted:</b>	<b>\$748,866</b>	<b>\$44,736</b>	<b>\$793,602</b>
<b>Totals:</b>						<b>\$6,252,928</b>	<b>\$453,294</b>	<b>\$6,706,222</b>

# AWARDS

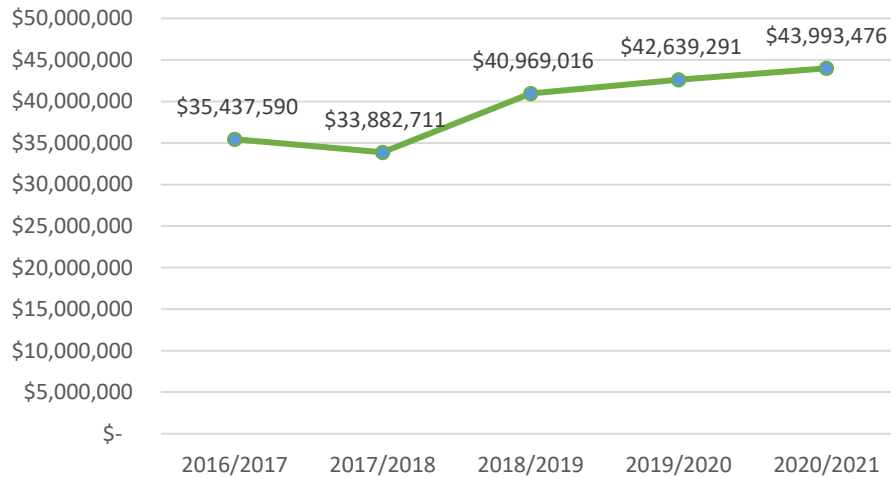
### Total Projects Awarded



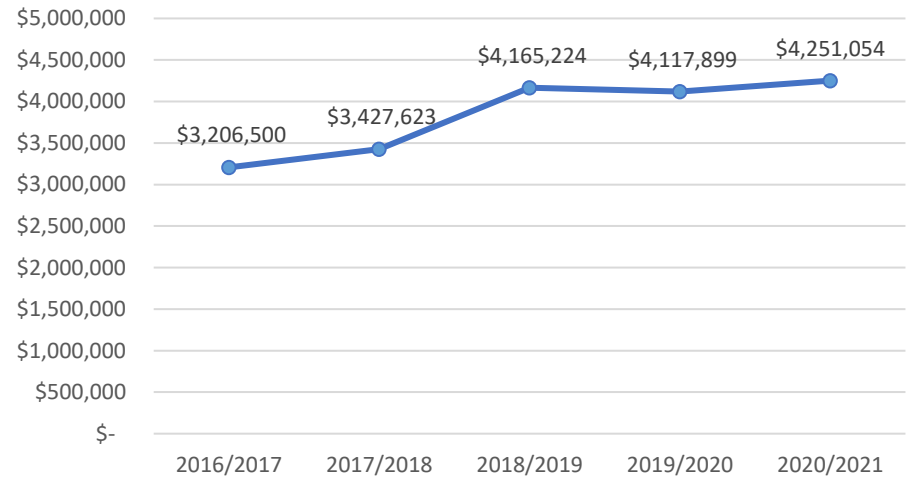
### Awarded Dollar Total



### Total Direct Awarded Amount



### Indirect Totals





# Academic Affairs

Academic Affairs Awards: 42								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Academic Affairs	CFE	Berrett, B./ Quiroz, B./ Sanchez, R.	Collaborative Research: AGEP Transformation Alliance: CSU Culturally-Informed Strengths Alliance for Underrepresented Minoritized STEM Faculty Engagement & Success(Yr. 2 of 5)	National Science Foundation (NSF)	\$58,613	\$23,445	\$82,058	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$58,613</b>	<b>\$23,445</b>	<b>\$82,058</b>
Academic Affairs	DRGS	Marshall, J./ Meyer, C.	Collaborative Research: AGEP Transformation Alliance: A California HSI Alliance for Pedagogy as Preparation for the Professoriate (Yr. 3 of 5)	National Science Foundation (NSF)	\$16,275	\$6,510	\$22,785	
Academic Affairs	DRGS	Marshall, J./ Byers, M.	Fresno State McNair Program 2020-2021 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$294,690	\$19,576	\$314,266	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$310,965</b>	<b>\$26,086</b>	<b>\$337,051</b>
Academic Affairs	Provost's Office	Jimenez-Sandoval, S./ Yerrick, R./ Lopez, P.	Ensenamos en el Valle Central (Yr. 3 of 5)	U.S. Department of Education (USDE)	\$749,995	\$0	\$749,995	
Academic Affairs	Provost's Office	Jimenez-Sandoval, S.	STESSA: Improving STEM Teacher Education in High Schools in Egypt (Yr. 3 of 5)	U.S. Agency for International Development (USAID)(Passthrough funding the 21st Century Partnership)	\$173,562	\$32,977	\$206,539	
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	\$0	\$599,972	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$1,523,529</b>	<b>\$32,977</b>	<b>\$1,556,506</b>
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CETF - Preferred Scenarios	California Emerging Technology Fund (CETF)	\$42,012	\$7,988	\$50,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - San Benito	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - San Luis Obispo	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - San Joaquin	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Stanislaus	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Toulumne	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Tulare	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Fresno	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Kern	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Kings	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Madera	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Mariposa	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Merced	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CPUC Parent University Adoption - Monterey	California Public Utilities Commission (CPUC)	\$54,480	\$0	\$54,480	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	PHEV-CNH Zero Emission Flatbed Truck Demonstration at Trinity Packing Company	Cummins Electrified Power NA INC.	\$17,899	\$3,401	\$21,300	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Madera Unified - Fresno State Connect Initiative	Madera Unified School District	\$26,086	\$3,914	\$30,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Parent University - Lindsay Unified 2020-2021	Lindsay Unified School District	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	McFarland Parent University 2020-2021	McFarland Unified School District	\$13,043	\$1,957	\$15,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Delano.Migrant Education Parent University 2020-2021	Migrant Education Program Region 14/Delano Joint Union High School District	\$4,348	\$652	\$5,000	
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	\$23,950	\$150,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	EDA UC CARES ACT (Year 1 of 2)	U.S. Department of Economic Development Administration (EDA)	\$63,025	\$11,975	\$75,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Don Stowell Parent University 2020-2021	Don Stowell Elementary School	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Fresno State Small Business University: Pandemic Recovery Technical Assistance	CommonFuture	\$125,000	\$0	\$125,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	Coalinga-Huron Parent University 2020-2021	Coalinga-Huron Unified School District	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	CETF Get Connected - Frontier	California Emerging Technology Fund (CETF)	\$65,548	\$12,452	\$78,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Gonzalez, E.	King City Parent University 2020-2021	King City Union School District	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Fu, X./ Herrera, I.	EDA University 2020-2021 (Yr. 4 of 5)	U.S. Department of Economic Development Administration (EDA)(Passthrough CSU, Chico)	\$66,794	\$12,691	\$79,485	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	CETF - Meter Testing	California Emerging Technology Fund (CETF)	\$5,000	\$0	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Martin Van Buren Elementary Parent University 2020-2021	Martin Van Buren Elementary School	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	FCSS Parent University 2020-2021	Fresno County Superintendent of Schools (FCSS)	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Ramona USD Parent University 2020-2021	Ramona Unified School District	\$4,348	\$652	\$5,000	

Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	John Glenn Middle School Parent University 2020-2021	John Glenn Middle School of International Studies	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Marguerite Maze Middle School Parent University 2020-2021	Marguerite Maze Middle School	\$4,348	\$652	\$5,000	
Academic Affairs	Provost's Office/OCED	Marshall, J./ Gonzalez, E.	Kings River Union Elementary Parent University 2021-2022	Kings River Union Elementary School District	\$4,348	\$652	\$5,000	
<b>Total Department Awards: 34</b>					<b>Total Department Awarded:</b>	<b>\$1,306,525</b>	<b>\$85,500</b>	<b>\$1,392,025</b>
Academic Affairs	Richter Center	Florentino, M./ Dion, N.	Jumpstart Private Funding 2020-2021	Jumpstart for Young Children, Inc.	\$84,525	\$2,671	\$87,196	
Academic Affairs	Richter Center	Florentino, M./ Dion, N.	Jumpstart CNCS Funding 2020-2021	Corporation for Natl and Community Service	\$97,533	\$3,082	\$100,615	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$182,058</b>	<b>\$5,753</b>	<b>\$187,811</b>
					<b>Totals:</b>	<b>\$3,381,690</b>	<b>\$173,761</b>	<b>\$3,555,451</b>

# Administration

Administration Awards: 7									
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded		
Admin	Admin	Adishian-Astone, D.	Higher Education Emergency Relief Fund HEERF II- Student Aid Portion	U.S. Department of Education (USDE)	\$16,401,054	\$0	\$16,401,054		
Admin	Admin	Adishian-Astone, D.	Higher Education Emergency Relief Fund HEERF II- MSI Portion	U.S. Department of Education (USDE)	\$3,455,032	\$0	\$3,455,032		
Admin	Admin	Adishian-Astone, D.	Higher Education Emergency Relief Fund HEERF II- Institutional Aid Portion - Year 2 of 2	U.S. Department of Education (USDE)	\$46,082,034	\$0	\$46,082,034		
Admin	Admin	Adishian-Astone, D.	Higher Education Emergency Relief Fund HEERF II- Institutional Aid Portion	U.S. Department of Education (USDE)	\$36,324,263	\$0	\$36,324,263		
<b>Total Department Awards: 4</b>					<b>Total Department Awarded:</b>	<b>\$102,262,383</b>	<b>\$0</b>	<b>\$102,262,383</b>	
Admin	President's Office	Castro, J.	Fresno K-16 Collaborative (Year 1 of 2)	College Futures Foundation	\$409,549	\$0	\$409,549		
Admin	President's Office	Castro, J./ Adishian-Astone, D.	OPR - Fresno K-16 Collaborative (Year 1 of 2)	California Governor's Office of Planning and Research (OPR)	\$5,650,000	\$296,625	\$5,946,625		
Admin	President's Office/CVHEC	Duran, B.	Central/Mother Lode Regional Consortium 2020-21	State Center Community College District	\$18,000	\$0	\$18,000		
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$6,077,549</b>	<b>\$296,625</b>	<b>\$6,374,174</b>	
					<b>Totals:</b>	<b>\$108,339,932</b>	<b>\$296,625</b>	<b>\$108,636,557</b>	

# Jordan College of Agricultural Sciences and Technology

## Jordan College of Agricultural Sciences and Technology: 71

School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Ag	Ag Business	Asci, S.	Phase 4, Mill Assessment Revenue Forecasting Tool Update and Model Improvement - (Year 1 of 2)	California Department of Pesticide Regulation (DPR)	\$57,515	\$14,379	\$71,894	
Ag	Ag Business	Levi, A./ Liang, J.	Putting Phenotypic and Genotypic Tools to Work for Improving Walnut Rootstocks (Yr. 3 of 4)	UC Riverside (Prime: U.S. Department of Agriculture (USDA) - NIFA)	\$17,053	\$4,776	\$21,829	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$74,568</b>	<b>\$19,155</b>	<b>\$93,723</b>
Ag	Ag Ed	Culbertson, A.	Young Producers Leadership Program 2020-2021 (Yr. 1 of 2)	American Simmental Association	\$16,113	\$0	\$16,113	
Ag	Ag Ed	Culbertson, A.	Ag Discovery Virtual Summer Enrichment Program 2021	U.S. Department of Agriculture (USDA)	\$46,818	\$4,682	\$51,500	
Ag	Ag Ed	Freeman S.	Agricultural Career Readiness Skills for the 21st Century (ACRS21) - (Year 1 of 4)	U.S. Department of Agriculture (USDA) - NIFA	\$188,464	\$71,916	\$260,380	
Ag	Ag Ed	McKeith, A./ Henson, J.	20-02-113   Evaluation of the Reduction of Salmonella Surrogate in Beef Roast Products at Temperatures Less than 54.4C (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$20,000	\$0	\$20,000	
Ag	Ag Ed	Tarrant, K./ Shinn, S.	Evaluating Environmental Enrichment Structure Design and Implementation for Conventionally-Raised Broiler Chickens (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$110,420	\$0	\$110,420	
Ag	Ag Ed	Vaughn, R.	Charles Parker Office Support Contract No. CN190086 (Yr. 2 of 2)	California Department of Education (CDE)	\$12,963	\$1,037	\$14,000	
<b>Total Department Awards: 6</b>					<b>Total Department Awarded:</b>	<b>\$394,778</b>	<b>\$77,635</b>	<b>\$472,413</b>
Ag	CFS	Hammons, A.	Improving the Health of Hispanic Children and their families with a Community Based Curriculum: Abriendo Caminos (Yr. 6 of 6)	The Board of Trustees of the University of Illinois (U.S. Department of Agriculture (USDA) Passthrough)	\$7,143	\$2,857	\$10,000	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$7,143</b>	<b>\$2,857</b>	<b>\$10,000</b>
Ag	CIT	Ashkan, S./ Sethuramasamyraja, B./ Brar G.	Crop Water Stress Index for Precision Irrigation Scheduling of Pistachio Trees (Yr. 3 of 3)	California Department of Food and Agriculture (CDFA)(U.S. Department of Agriculture (USDA) passthrough)	\$34,930	\$2,641	\$37,571	
Ag	CIT	Green, S.	Disadvantaged Community Center (Year 3 of 3)	University Enterprises Corporation at CSU Santa Barbara	\$31,457	\$944	\$32,401	
Ag	CIT	Hillyer, C./ Ashkan, S.	ORCAL Processing Tomato Field Trial 2021	Orcal, Inc.	\$26,824	\$0	\$26,824	
Ag	CIT	Hillyer, C./ Ashkan, S.	Data collection and Analysis for Novel sub-surface Irrigation	Umida AG	\$49,050	\$5,450	\$54,500	
Ag	CIT	Hillyer, C./ Ashkan, S./ Vang, K.	Irrigation Innovation Consortium - Base Project (Year 3 of 5)	Colorado State University (U.S. Department of Agriculture (USDA) - FFA Passthrough)	\$36,018	\$4,002	\$40,020	
Ag	CIT	Hillyer, C./ Ashkan, S./ Vang, K.	On-site Solar-based Nitrogen Production	Colorado State University	\$22,425	\$2,492	\$24,917	
Ag	CIT	Hillyer, C./ Vang, K.	Advanced Pumping Efficiency Program VIII	Pacific Gas and Electric (PG&E)	\$434,783	\$65,216	\$499,999	
Ag	CIT	Hillyer, C./ Vang, K./ Green, W.	Advanced Pumping Efficiency Program VII (additional funds) CW19528	Pacific Gas and Electric (PG&E)	\$28,696	\$4,304	\$33,000	
Ag	CIT	Hillyer, C./ Vang, K./ Green, W.	Advanced Pumping Efficiency Program VII (Testers) - C19539	Pacific Gas and Electric (PG&E)	\$150,000	\$0	\$150,000	
Ag	CIT	Petersen, H./ Francis, B.	Central Valley Regional Innovation Investment Fund (Yr. 3 of 3)	U.S. Department of Economic Development Administration (EDA)	\$85,217	\$16,043	\$101,260	
Ag	CIT	Petersen, H./ Manly, G.	National Emergency Assistance Program (NEAP)	U.S. Department of Commerce (CMTC Passthrough)	\$68,182	\$6,818	\$75,000	
Ag	CIT	Vang, K./ Moreno, J.	19-02-102   Developing a Mobile Decision Support Nitrate Sampling and Monitoring System (Yr. 3 of 3)	CSU Agricultural Research Institute (ARI)	\$42,876	\$0	\$42,876	
Ag	CIT	Vang, K./ Moreno, J.	Long Term Saline Irrigation Strategies for Pistachios on PGI Rootstock	California Pistachio Research Board	\$74,000	\$0	\$74,000	
Ag	CIT	Vang, K./ Lone, T./ Cassel-Sharma, F.	20-02-101   ARI: The Organic Production of Agretti in Poor-Quality Soils with Poor Quality Water (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$55,000	\$0	\$55,000	
Ag	CIT	Yeasmin, D./ Bushoven, J.	20-02-110   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. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$60,044	\$0	\$60,044	
Ag	CIT	Yeasmin, D./ Hillyer, C./ Pasha, F.	A Remote Sensing Approach to Identify Critical Areas in California Orchards for Improving Irrigation Water Management through Precision Agriculture Technology (Yr. 1 of 2)	Colorado State University (passthrough Foundation for Food and Agriculture Research)	\$34,455	\$3,828	\$38,283	
<b>Total Department Awards: 16</b>					<b>Total Department Awarded:</b>	<b>\$1,233,957</b>	<b>\$111,738</b>	<b>\$1,345,695</b>
Ag	CWI	Esqueda T./ Ramos, L.	Project Support for the California Water Institute	Heron Foundation	\$47,619	\$2,381	\$50,000	

Ag	CWI	Esqueda T./ Ramos, L.	Identifying an EMS system for B-Corp Certification of a Farming Enterprise	CSU Agricultural Research Institute (ARI)	\$30,000	\$0	\$30,000	
Ag	CWI	Esqueda, T./ Ramos, L.	B Corporation Certification Process	Woolf Farming	\$30,000	\$0	\$30,000	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$107,619</b>	<b>\$2,381</b>	<b>\$110,000</b>
Ag	Dean	Erysian, B.	Georgia WTO SPS Project - Augmentation	U.S. Department of Agriculture (USDA)	\$18,181	\$1,818	\$19,999	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$18,181</b>	<b>\$1,818</b>	<b>\$19,999</b>
Ag	Food Science	Ireland, E.	NEOP Consulting Agreement (Yr. 1 of 3)	The County of Fresno (U.S. Department of Agriculture (USDA) federal passthrough)	\$13,500	\$0	\$13,500	
Ag	Food Science	Licon, C./ Pedroza, M./ Pheasant, S.	U.S. Wine and Cheese Export Promotion for Burma Trade Shows Team 2020	U.S. Department of Agriculture (USDA)(Cochran Fellowship)	\$78,933	\$7,893	\$86,826	
Ag	Food Science	Licon, C./ Pheasant, S.	From Cows to Neurons: A Binational Student Faculty Abroad Program	Partners of the Americas	\$24,286	\$714	\$25,000	
Ag	Food Science	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	\$4,194	\$73,561	
Ag	Food Science	Pao, S.	Validating the Control of Cross-Contamination in Recirculated High-pressure Washers and Fungicide Flooders during Citrus Packing Operations	Citrus Research Board	\$79,632	\$0	\$79,632	
<b>Total Department Awards: 5</b>					<b>Total Department Awarded:</b>	<b>\$265,718</b>	<b>\$12,801</b>	<b>\$278,519</b>
Ag	IFA	Pheasant, S./ Weinman B./ Ramos L.	Increasing FANHs Student Success through "Less Leaky" Co-Curricular Experiential Pathways - (Year 1 of 4)	U.S. Department of Agriculture (USDA)	\$61,565	\$15,986	\$77,551	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$61,565</b>	<b>\$15,986</b>	<b>\$77,551</b>
Ag	IT	Alexandrou, A.	Collection and Analysis of Agricultural Equipment Activity Data (Yr. 1 of 2)	California Air Resources Board (CARB)(passthrough via UC Riverside)	\$102,786	\$25,697	\$128,483	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$102,786</b>	<b>\$25,697</b>	<b>\$128,483</b>
Ag	Plant Sci	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	\$0	\$82,788	
Ag	Plant Sci	Brar, G.	Evaluation of Almond Rootstocks (Year 2 of 3)	Regents of the University of California (via Almond Board of California)	\$12,005	\$0	\$12,005	
Ag	Plant Sci	Brar, G.	AVG-ACC application timing trial in almonds	Valent USA Corporation	\$21,739	\$3,261	\$25,000	
Ag	Plant Sci	Brar, G.	Metabolomics analysis of pistachio bud and shoot samples during the dormant period under various oil spray application treatment	California Pistachio Research Board	\$72,345	\$0	\$72,345	
Ag	Plant Sci	Brar, G.	Overcoming Citrus Nursery Growth Issues by Using Smart Lighting with Different Photoperiods: Phase II - Greenhouse Phase	California Citrus Nursery Advisory Board	\$42,130	\$6,320	\$48,450	
Ag	Plant Sci	Bushoven, J./ Yeasmin, D.	Improving Water and Nitrogen Use Efficiency in Lettuce by Selecting for Root Characteristics (Yr. 2 of 3)	Cal Poly Pomona (CSU Agricultural Research Institute (ARI) Passthrough)	\$26,007	\$0	\$26,007	
Ag	Plant Sci	Bushoven, J./ Yeasmin, D.	A Pilot Study on Effects of aboveground manipulation of light and microclimate by Opti-Harvest devices on root system development in agricultural crops by GPR	Opti-Harvest, Inc.	\$4,678	\$702	\$5,380	
Ag	Plant Sci	Cassel, F.	ARI: Crop Water Requirements for Onion Production in Semi-Arid Climates	EarthGreen Products, Inc.	\$5,000	\$0	\$5,000	
Ag	Plant Sci	Ellis, M.	Identification and assessment of Fusarium oxysporum f. sp. vasinfectum populations in cotton for sustainable production in California. (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$38,078	\$0	\$38,078	
Ag	Plant Sci	Ellis, M.	Increasing Efforts in Research for Improving Management of Wilt and Seedling Diseases Impacting California Cotton (Lab Tech) (Yr. 2 of 3)	California Cotton Ginners and Growers Association	\$52,500	\$0	\$52,500	
Ag	Plant Sci	Ellis, M.	Identification of Fusarium Wilt Populations in Cotton Fields and Pathogen Infection for Maintaining Sustainable Production in the USA (Augmentation Funding) (Yr. 2 of 2)	U.S. Department of Agriculture (USDA) - ARS	\$20,495	\$2,050	\$22,545	
Ag	Plant Sci	Ellis, M.	Development of molecular diagnostic tests for the quick identification and quantification of Fusarium oxysporum f. sp. vasinfectum race 4 from soil and plant tissue	California Cotton Alliance	\$29,553	\$0	\$29,553	
Ag	Plant Sci	Ellis, M.	Increasing efforts in research for improving management of wilt and seedling diseases impacting California cotton	California Cotton Alliance	\$10,000	\$0	\$10,000	
Ag	Plant Sci	Ellis, M.	Characterization and Interaction of Fusarium Oxysporum f. sp. Vasinfectum Races and Rhizoctonia Solani on Disease Development in Cotton - Additional Funds (Yr. 2 of 2)	Cotton Inc	\$26,615	\$3,385	\$30,000	
Ag	Plant Sci	Riar, R./ Benes, S.	Alfalfa Variety Evaluation for Barkley Seed, Inc. Agriculture	Barkley Seed Inc.	\$22,300	\$3,345	\$25,645	
Ag	Plant Sci	Sharma, F.	Weighing lysimeter studies to determine evapotranspiration and develop new crop coefficients for forage crops - cash match	Other - CIT External Funds	\$31,766	\$0	\$31,766	
Ag	Plant Sci	Shrestha, A./ Konduru, S.	Deere Company Study - Automatic Rate Control Systems	Deere & Company	\$21,572	\$3,236	\$24,808	

Ag	Plant Sci	Wenger, J.	Genetically Improving the Natural Enemy of California Red Scale	Citrus Research Board	\$65,960	\$0	\$65,960
Ag	Plant Sci	Wenger, J.	Effects of particulate size, humidity and temperature on insecticidal efficacy in synthetic amorphous silica	Davren US Nuts, LLC	\$16,776	\$1,084	\$17,860

<b>Total Department Awards: 19</b>					<b>Total Department Awarded:</b>	<b>\$602,307</b>	<b>\$23,383</b>	<b>\$625,690</b>
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Ag	VERC	Brillante, L.	Remote Sensing Assisted Scouting & Roguing of Virus Infections in Grapevine (Yr. 2 of 3)	California Department of Food and Agriculture (CDFA)	\$113,184	\$2,838	\$116,022
Ag	VERC	Brillante, L.	Ecophysiological Characterization of Daou Mountain Terrior for Site-Specific Management (Yr. 2 of 3)	Daou Vineyards	\$29,361	\$4,404	\$33,765
Ag	VERC	Brillante, L.	Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO4 Amendments in Central Valley of California (Yr. 3 of 3)	American Vineyard Foundation (AVF)	\$39,400	\$0	\$39,400
Ag	VERC	Brillante, L.	Control of Vine Mealybug (Planococcus ficus Signoret) in Organic Production (Year 2 of 2)	American Vineyard Foundation (AVF)	\$46,905	\$0	\$46,905
Ag	VERC	Brillante, L.	Control of vine mealybug (Planococcus ficus Signoret) in organic viticulture	American Vineyard Foundation (AVF)	\$48,529	\$0	\$48,529
Ag	VERC	Brillante, L.	On-the-go mapping of grape composition in the field through hyperspectral machine-vision	American Vineyard Foundation (AVF)	\$60,558	\$0	\$60,558
Ag	VERC	Shrestha, A.	GLUFOSINATE ON AVOCADO - Statistical Analysis	Deere & Company	\$2,000	\$0	\$2,000
Ag	VERC	Shrestha, A.	Cover cropping impacts on vineyard water demands and weed population dynamics	Regents of the University of California	\$6,952	\$0	\$6,952
Ag	VERC	Sommer, S.	Sentia Free S02 Analyzer	Universal Biosensors Pty Ltd.	\$10,652	\$848	\$11,500
Ag	VERC	Sun, K.	Mechanical Leafing and Deficit Irrigation on Cabernet Sauvignon	UC Agriculture & Natural Resources (AVF passthrough)	\$15,000	\$0	\$15,000
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	\$652	\$5,000
Ag	VERC	Van Zyl, S.	Grape Juice Sample Testing 2019-2020	Agajanian Vineyards & Wine Company	\$2,609	\$391	\$3,000
Ag	VERC	Van Zyl, S.	Sample Testing of Grape Juice (2020-2025) (Yr. 1 of 5)	Allied Grape Growers	\$15,000	\$0	\$15,000
Ag	VERC	Van Zyl, S.	Calibrating microbial spoilage effects in wine using analytical and sensorial data	California Winegrape Inspection Advisory Board	\$49,000	\$0	\$49,000
Ag	VERC	Van Zyl, S.	21-02-117   The Effects of Foliar Applied Calcium Carbonate on Table Grapes - FromBerry Formation to Post-Harvest Storage	CSU Agricultural Research Institute (ARI)	\$18,000	\$0	\$18,000
Ag	VERC	Van Zyl, S./ Sommer, S.	20-02-120   Producing Red Wine from Field Condition Grapes with Different Levels of Rot Infection (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI) - Campus	\$65,000	\$0	\$65,000

<b>Total Department Awards: 16</b>					<b>Total Department Awarded:</b>	<b>\$526,498</b>	<b>\$9,133</b>	<b>\$535,631</b>
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<b>Totals:</b>	<b>\$3,395,120</b>	<b>\$302,584</b>	<b>\$3,697,704</b>
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# College of Arts & Humanities

College of Arts & Humanities: 6								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Arts & Hum	CCA	Urrutia, C.	No One Promised You Tomorrow: Art 50 Years After Stonewall	The McClatchy Foundation (Central Valley Foundation (CVF))	\$205,000	\$0	\$205,000	
<b>Total Department Awards: 1</b>				<b>Total Department Awarded:</b>	<b>\$205,000</b>	<b>\$0</b>	<b>\$205,000</b>	
Arts & Hum	Dean	Chapman, H.	Fresno State Prison Arts Collective (2020-2021) (Yr. 3 of 5)	California Arts Council (SDSU Passthrough)	\$49,995	\$12,499	\$62,494	
<b>Total Department Awards: 1</b>				<b>Total Department Awarded:</b>	<b>\$49,995</b>	<b>\$12,499</b>	<b>\$62,494</b>	
Arts & Hum	MCL	Boren, J.	Lift Initiative of the James B. McClatchy Foundation	The McClatchy Foundation	\$35,000	\$0	\$35,000	
Arts & Hum	MCL	Boren, J.	Institute for Media and Public Trust - Elevating Community Health (Yr. 1 of 5)	California Endowment	\$94,000	\$6,000	\$100,000	
Arts & Hum	MCLL	Polegato, A.	Italian Studies Program Support 2021	Italian Cultural Institute	\$9,900	\$0	\$9,900	
<b>Total Department Awards: 3</b>				<b>Total Department Awarded:</b>	<b>\$138,900</b>	<b>\$6,000</b>	<b>\$144,900</b>	
Arts & Hum	Philosophy	Howard, V.	Jain-Hindu Symposium	Uberoi Foundation	\$11,000	\$0	\$11,000	
<b>Total Department Awards: 1</b>				<b>Total Department Awarded:</b>	<b>\$11,000</b>	<b>\$0</b>	<b>\$11,000</b>	
<b>Totals:</b>					<b>\$404,895</b>	<b>\$18,499</b>	<b>\$423,394</b>	

# Sid Craig School of Business

Sid Craig School of Business: 9									
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded		
Craig School	Fin and Bus Law	Jauregui, A.	Real Estate and Land Use Institute 2020-21	California State University (CSU)	\$4,000	\$0	\$4,000		
<b>Total Department Awards: 1</b>				<b>Total Department Awarded:</b>	<b>\$4,000</b>	<b>\$0</b>	<b>\$4,000</b>		
Craig School	Lyles Ctr	Milevoj, E.	FUSD STEM5 5th Grade	Fresno Unified School District (FUSD)	\$334,782	\$50,218	\$385,000		
Craig School	Lyles Ctr	Milevoj, E.	FUSD Kids Invent! 6th Grade Program	Fresno Unified School District (FUSD)	\$453,913	\$68,087	\$522,000		
Craig School	Lyles Ctr	Milevoj, E.	FUSD Summer STEAM Tunnels	Fresno Unified School District (FUSD)	\$46,956	\$7,044	\$54,000		
Craig School	Lyles Ctr	Milevoj, E.	FUSD High School Program 2020-21	Fresno Unified School District (FUSD)	\$26,087	\$3,913	\$30,000		
Craig School	Lyles Ctr	Milevoj, E.	Central Unified School District - High School Program	Central Unified School District	\$9,130	\$1,370	\$10,500		
<b>Total Department Awards: 5</b>				<b>Total Department Awarded:</b>	<b>\$870,868</b>	<b>\$130,632</b>	<b>\$1,001,500</b>		
Craig School	Mgmt	Bommer, B./ Milevoj, E.	Statewide Restraint Usage Surveys 2020-21	California Office of Traffic Safety (OTS)	\$227,465	\$37,502	\$264,967		
<b>Total Department Awards: 1</b>				<b>Total Department Awarded:</b>	<b>\$227,465</b>	<b>\$37,502</b>	<b>\$264,967</b>		
Craig School	Mktg & Log	Sarofim, S./ Tawfik, A.	Creating Safer Communities for Use of Active Transportation Modes in California: The Development of Effective Communication Message Strategy and Outreach for Vulnerable Road Users	San Jose State University (SJSU)(State of California passthrough)	\$67,060	\$7,809	\$74,869		
Craig School	Mktg & Log	Tawfik, A./ Sarofim, S.	Developing a Feasible Business Model for Expanding the EV Market to Lower Income Californians	San Jose State University (SJSU)(State of California passthrough)	\$67,111	\$7,817	\$74,928		
<b>Total Department Awards: 2</b>				<b>Total Department Awarded:</b>	<b>\$134,171</b>	<b>\$15,626</b>	<b>\$149,797</b>		
<b>Totals:</b>					<b>\$1,236,504</b>	<b>\$183,760</b>	<b>\$1,420,264</b>		



# Kremen School of Education and Human Development

## Kremen School of Education and Human Development: 43

School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Education	C&I	Bohlin, C.	Math and Science Teacher Initiative (MSTI) STEM Challenge 2020-21	California State University (CSU) - Chancellors Office	\$100,000	\$0	\$100,000	
Education	C&I	Bohlin, C.	Math and Science Teacher Initiative (MSTI) 2020-21	California State University (CSU) - Chancellors Office	\$110,000	\$0	\$110,000	
Education	C&I	Bohlin, C.	California Mathematics Project - CSMP ESSA Funds 2020-21	University of California Office of the President (UCOP)	\$59,811	\$4,785	\$64,596	
Education	C&I	Bohlin, C./ Tuska, A./ Amarsinghe, R.	California Mathematics Project - CSMP State Funds 2020-21	University of California Office of the President (UCOP)	\$22,889	\$1,145	\$24,034	
Education	C&I	Bohlin, C./ Tuska, A./ Amarsinghe, R.	CMP State One-Time Funding 2020-21	University of California Office of the President (UCOP)	\$36,190	\$1,810	\$38,000	
Education	C&I	Wandeler, C./ Hart, S.	The Central Valley Transportation Challenge	CSU Transportation Consortium (via San Jose State University (SJSU), Mineta Transportation Institute)	\$68,667	\$6,333	\$75,000	
<b>Total Department Awards: 6</b>					<b>Total Department Awarded:</b>	<b>\$397,557</b>	<b>\$14,073</b>	<b>\$411,630</b>
Education	CBL	Price, S.	Regional STEM Hub (2020-21)	Fresno County Superintendent of Schools (FCSS)	\$40,000	\$0	\$40,000	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$40,000</b>
Education	CER/CGE	Becton-Brown, A./ Lopez-Ortiz, S.	Wayfinders 2020-23 (Yr. 1 of 3)	Central Valley Regional Center (CVRC)	\$336,501	\$50,475	\$386,976	
Education	CER/CGE	Becton-Brown, A./ Lopez-Ortiz, S.	Wayfinders	Anonymous	\$246,305	\$3,695	\$250,000	
Education	CER/CGE	Becton-Brown, A./ Lopez-Ortiz, S.	Wayfinders (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$330,284	\$26,423	\$356,707	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - CVRC (2020-2021)	Central Valley Regional Center (CVRC)	\$271,809	\$16,274	\$288,083	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - East Bay (2020-2021)	East Bay Regional Center	\$122,273	\$7,374	\$129,648	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - San Andreas (2020-2021)	San Andreas Regional Center	\$103,884	\$6,761	\$110,645	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Golden Gate (2020-2021)	Golden Gate Regional Center	\$185,820	\$11,149	\$196,969	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Alta (2020-2021)	Alta Regional Center	\$47,940	\$2,680	\$50,620	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Valley Mountain Regional Center (2020-2021)	Valley Mountain Regional Center	\$138,027	\$8,282	\$146,309	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Far Northern Regional Center (2020-2021)	Far Northern Regional Center	\$5,177	\$311	\$5,487	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - Tri County (2020-2021)	Tri County Regional Center	\$38,554	\$2,313	\$40,867	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - San Gabriel/ Pomona	San Gabriel/Pomona County	\$35,945	\$1,950	\$37,895	
Education	CER/CGE	Lopez-Ortiz, S.	Wayfinders - North Bay	North Bay	\$26,734	\$1,604	\$28,338	
Education	CER	Lucey, C.	Fresno Family Counseling Center (2020-21)	Fresno County Superintendent of Schools (FCSS)	\$5,455	\$545	\$6,000	
Education	CER	Lucey, C.	Sanctuary and Youth Services (2017-22) 2020-2021 (Yr. 4 of 5)	Fresno Economic Opportunities Commission (FEOC)	\$66,000	\$0	\$66,000	
Education	CER	Sharma, G.	The Role of Education in Fostering Global Citizenship amidst Dual Pandemic	American Educational Research Association (AERA)	\$4,000	\$0	\$4,000	
<b>Total Department Awards: 16</b>					<b>Total Department Awarded:</b>	<b>\$1,964,707</b>	<b>\$139,836</b>	<b>\$2,104,543</b>
Education	Dean	Marshall, J.	Ticket-to-Work and Self-Sufficiency Program (2020-2021)	Social Security Administration	\$59,485	\$3,569	\$63,054	
Education	Dean	Pei-Ying, W.	Fresno State Child Care Access Means Parents in School (CCAMPIS) Program 2020-21	U.S. Department of Education (USDE)	\$363,044	\$11,953	\$374,997	
Education	Dean	Yerrick, R./ Ananian-Eastes, E.	Workability IV (2020-2021) (Yr. 2 of 3)	California Department of Rehabilitation (DOR)	\$133,333	\$10,667	\$144,000	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$555,862</b>	<b>\$26,189</b>	<b>\$582,051</b>
Education	LEBSE	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	\$1,190	\$25,000	
Education	LEBSE	Basurto, I./ Lopez, P.	Calif. Reading and Literature Project - CSMP (State) 2020-21	University of California Office of the President (UCOP)	\$30,255	\$1,513	\$31,768	
Education	LEBSE	Basurto, I./ Lopez, P.	Calif. Reading and Literature Project - ESSA (Federal) 2020-21	University of California Office of the President (UCOP)	\$40,394	\$3,232	\$43,626	

Education	LEBSE	Bennett, L./ Yun, C./ Horsley, H.	BranchED Performance-Based Coaching (Yr. 2 of 3)	Branch Alliance for Educator Diversity	\$132,207	\$12,521	\$144,728	
Education	LEBSE	Herrera, L.	MUSD Teacher Residency Program	Madera Unified School District	\$26,034	\$2,603	\$28,637	
Education	LEBSE	Horsley, H.	FUSD Teacher Residency Program	Fresno Unified School District (FUSD)	\$23,148	\$1,852	\$25,000	
Education	LEBSE	Horsley, H.	Clovis Unified School District Teacher Residency Program 2020/21	Clovis Unified School District	\$67,500	\$0	\$67,500	
Education	LEBSE	Huerta, T.	Central Calif. World Language Project - CSMP/ESSA (Federal) - 2020-21	University of California Office of the President (UCOP)	\$34,896	\$2,792	\$37,688	
Education	LEBSE	Huerta, T.	Central Calif. World Language Project - CSMP State Funds - 2020-21	University of California Office of the President (UCOP)	\$16,667	\$833	\$17,500	
Education	LEBSE	Wahleithner, J.	2020-21 NWP Panda New Leaders Fellowship	National Writing Project	\$4,500	\$500	\$5,000	
Education	LEBSE	Wahleithner, J.	San Joaquin Valley Writing Project - Supplemental Funding Application 2020-22 (Yr. 1 of 2)	University of California Office of the President (UCOP)	\$33,215	\$1,661	\$34,876	
Education	LEBSE	Wahleithner, J.	San Joaquin Valley Writing Project -ESSA (Federal) Funds 2020-2021	University of California Office of the President (UCOP)	\$36,187	\$2,895	\$39,082	
Education	LEBSE	Wahleithner, J.	San Joaquin Valley Writing Project -CSMP (State) Funds 2020-2021	University of California Office of the President (UCOP)	\$53,510	\$2,675	\$56,185	
Education	LEBSE	Wahleithner, J.	San Joaquin Valley Writing Project - Supplemental Funding Application 2020-22 (additional funds)	University of California Office of the President (UCOP)	\$5,142	\$258	\$5,400	
<b>Total Department Awards: 14</b>					<b>Total Department Awarded:</b>	<b>\$527,465</b>	<b>\$34,525</b>	<b>\$561,990</b>
Education	Lib Studies	Nelson, F.	Science Teacher Education Pathways (A-STEP) (Yr. 2 of 4)	National Science Foundation (NSF)(via CSU East Bay)	\$19,900	\$3,760	\$23,660	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$19,900</b>	<b>\$3,760</b>	<b>\$23,660</b>
Education	Welty Ctr	Franks, M.	Clovis USD School Climate Transformation 2020-21	Prime: U.S. Department of Education (USDE)(via Clovis Unified School District)	\$54,545	\$5,455	\$60,000	
Education	Welty Ctr	Franks, M.	Building Coherence (2020-21)	Twin Rivers Unified School District	\$59,091	\$5,909	\$65,000	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$113,636</b>	<b>\$11,364</b>	<b>\$125,000</b>
					<b>Totals:</b>	<b>\$3,619,127</b>	<b>\$229,747</b>	<b>\$3,848,875</b>

# Lyles College of Engineering

Lyles College of Engineering: 36								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Engrg	Civil and Geomatics Engrg	Ahn, Y.	FCC S-STEM (Yr. 2 of 5)	Fresno City College (National Science Foundation (NSF) Passthrough)	\$5,813	\$2,325	\$8,138	
Engrg	Civil and Geomatics Engrg	Berber, M.	Comparison of Contemporary Photogrammetric Software from a Geodetic Perspective	Towill, Inc.	\$4,762	\$238	\$5,000	
Engrg	Civil and Geomatics Engrg	Green, J./ Liang, J.	20-02-122   ARI Campus: Economic Analysis to Optimize Location of Railroad Cooperative Agricultural Products	CSU Agricultural Research Institute (ARI)	\$18,000	\$0	\$18,000	
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. 2 of 3)	National Science Foundation (NSF)	\$32,068	\$12,827	\$44,895	
Engrg	Civil and Geomatics Engrg	Pasha, F./ Goorahoo, D./ Jacobsen, T./ Yeasmin, D.	20-02-112   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. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$43,428	\$0	\$43,428	
Engrg	Civil and Geomatics Engrg	Qualle, C.	21-02-124   ARI Campus - Shallow Subsurface Artificial Groundwater Recharge (SSAGR) System at Irrigated Farms	CSU Agricultural Research Institute (ARI) - Campus	\$34,920	\$0	\$34,920	
Engrg	Civil and Geomatics Engrg	Roa, J.	Fresno State Transportation Institute (FSTI) How Developing Regional Air Mobility Services Can Improve Ground Transportation Connectivity in the San Joaquin Valley	Fresno Council of Governments (FCOG)	\$0	\$0	\$0	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	Fresno State Transportation Institute (Yr. 4 of 5)	Fresno Council of Governments (FCOG)	\$737,118	\$84,618	\$821,736	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	San Joaquin Valley Electric Tractor Development and Demonstration (Yr. 3 of 3)	Project Clean Air	\$17,838	\$892	\$18,730	
Engrg	Civil and Geomatics Engrg	Tawfik, A.	California State University Transportation Consortium (SB1) 2021-2021 (Yr. 1 of 3)	San Jose State University (SJSU)(SB1 Passthrough)	\$131,740	\$18,260	\$150,000	
Engrg	Civil and Geomatics Engrg	Tawfik, A./ Law, D.	COVID-19 Public Transportation Study (Yr. 3 of 3)	State of California (San Jose State University (SJSU) - AB115 Funding)	\$26,083	\$3,912	\$29,995	
<b>Total Department Awards: 11</b>					<b>Total Department Awarded:</b>	<b>\$1,051,770</b>	<b>\$123,072</b>	<b>\$1,174,842</b>
Engrg	Const Mgt	Calahorra Jimenes, M.	Fresno State Transportation Institute (FSTI) Performance in Road Projects	Fresno Council of Governments (FCOG)	\$0	\$0	\$0	
Engrg	Const Mgt	Wu, W.	2020 Construction Management Education Sponsorship	California Department of Consumer Affairs (DCA)	\$7,322	\$1,098	\$8,420	
Engrg	Const Mgt	Wu, W.	2021Construction Management Education Sponsorship	California Department of Consumer Affairs (DCA)	\$10,056	\$1,508	\$11,564	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$17,378</b>	<b>\$2,606</b>	<b>\$19,984</b>
Engrg	CWI	Qualle, C./ Green, S./ Ramos, L.	PPIC Stakeholder Engagement (Yr. 1 of 3)	Public Policy Institute of California (PPIC)	\$8,262	\$2,066	\$10,328	
Engrg	CWI	Qualle, C./ Ramos, L.	Phase I of the SJV Water Collaborative Action Plan	Central Valley Community Foundation (CVCF)	\$45,455	\$4,545	\$50,000	
Engrg	CWI	Qualle, C./ Ramos, L.	Phase I of the SJV Water Collaborative Action Plan	Water Blueprint for the San Joaquin Valley Education Fund	\$45,454	\$4,546	\$50,000	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$99,171</b>	<b>\$11,157</b>	<b>\$110,328</b>
Engrg	Dean	Larralde-Muro, J.	Student Interns - County of Fresno (2020 Amendment)	County of Fresno	\$86,956	\$13,044	\$100,000	
Engrg	Dean	Larralde-Muro, J.	Student Assistant Support at California State University, Fresno (Year 2 of 4)	California Department of Forestry and Fire Protection	\$44,000	\$11,000	\$55,000	
Engrg	Dean	Larralde-Muro, J.	Student Interns - City of Clovis 2021-2023 - (Year 1 of 3)	City of Clovis	\$14,493	\$2,174	\$16,667	
Engrg	Dean	Nunna, R.	Fostering Student Research in LCOE 2020	California Space Grant Consortium (National Aeronautics and Space Administration (NASA) Passthrough)	\$10,000	\$0	\$10,000	
Engrg	Dean	Nunna, R.	MESA Schools Program (MSP) 2020-2021	University of California Office of the President (UCOP)	\$173,429	\$8,571	\$182,000	
Engrg	Dean	Nunna, R.	MESA MEP Program 2020-2021	University of California Office of the President (UCOP)	\$9,524	\$476	\$10,000	
<b>Total Department Awards: 6</b>					<b>Total Department Awarded:</b>	<b>\$338,402</b>	<b>\$35,265</b>	<b>\$373,667</b>

Engrg	ECE	Kim, Y.	Sensor Data Fusion 2021 (Year 3 Funding)	Electronics and Telecommunications Research Institute (ETRI)	\$43,478	\$6,552	\$50,030
Engrg	ECE	Kinman, P.	Advanced DSN Engineering (Modification No. 11/Sub No. 1556698)	California Institute of Technology/Jet Propulsion Laboratory (JPL)	\$138,000	\$55,200	\$193,200
Engrg	ECE	Kinman, P.	Advanced DSN Engineering Subcontract No. 1556698 Modification No. 008 (Yr. 2 of 3)	Jet Propulsion Laboratory (JPL)(National Aeronautics and Space Administration (NASA) Passthrough)	\$138,930	\$55,572	\$194,502
Engrg	ECE	Kulhandjian, H./ El-Razouk, H.	Secure Communications and Embedded Systems Laboratory at California State University, Fresno	U.S. Department of Defense (DOD)	\$378,002	\$0	\$378,002
Engrg	ECE	Tayeb, S./ Kim, Y./ Pirouz Nia, M./ Stillmaker, A./ Raesi, R.	Fresno State Transportation Institute (FSTI) Taming the Data in the Internet of Vehicles	Fresno Council of Governments (FCOG)	\$0	\$0	\$0
Engrg	ECE	Wang, N./ Na, W.	NeTS:Small;RUI; Bulldog Mote - Low Power Sensor Node and Design Methodologies (Yr. 3 of 3)	National Science Foundation (NSF)	\$96,603	\$38,641	\$135,244

<b>Total Department Awards: 6</b>					<b>Total Department Awarded:</b>	<b>\$795,013</b>	<b>\$155,965</b>	<b>\$950,978</b>
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Engrg	Mech Engrg	Deify, L.	Pistachios Shell and Nut Particle Separation using Fluids Engineering Techniques	Wonderful Company	\$8,670	\$1,301	\$9,971
Engrg	Mech Engrg	Law, D.	Performance Measurement of a Small Footprint Refrigerant R245fa based External Combustion Heat Engine Prototype	American Society for Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)	\$5,000	\$0	\$5,000
Engrg	Mech Engrg	Law, D.	Fresno State Air Indoor Quality Research Project	American Society for Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)	\$17,000	\$0	\$17,000
Engrg	Mech Engrg	Law, D.	Pistachios Shell and Nut Particle Separation using Fluids Engineering Techniques - Amendment 1	Wonderful Company	\$12,510	\$0	\$12,510
Engrg	Mech Engrg	Liang, Z.	Understanding the merging dynamics of surface nanobubbles and the resulting capillary force between particles from molecular simulations (Yr. 2 of 3)	National Science Foundation (NSF)	\$65,763	\$26,305	\$92,068
Engrg	Mech Engrg	Liang, Z.	RUI: Thermal Transport Across Liquid Gas Interfaces (Yr. 3 of 3)	National Science Foundation (NSF)	\$66,560	\$26,624	\$93,184
Engrg	Mech Engrg	Nguyen, T.	The Raisinator	Masumoto Family Farm	\$1,500	\$225	\$1,725

<b>Total Department Awards: 7</b>					<b>Total Department Awarded:</b>	<b>\$177,003</b>	<b>\$54,455</b>	<b>\$231,458</b>
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<b>Totals:</b>	<b>\$2,478,737</b>	<b>\$382,520</b>	<b>\$2,861,257</b>
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# College of Health and Human Services

## College of Health and Human Services: 67

School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Hlth & HS	CVHPI	Capitman, J.	Nutrition Education Obesity Prevention (NEOP) (Yr. 3 of 3)	County of Fresno	\$86,400	\$21,600	\$108,000	
Hlth & HS	CVHPI	Capitman, J.	Fresno County Collaboration for Wellness (Yr. 3 of 3)	County of Fresno	\$51,383	\$13,616	\$64,999	
Hlth & HS	CVHPI	Capitman, J./ Acala, E.	Climate Change Health Equity	Kresge Foundation (via Leadership Counsel)	\$21,739	\$3,261	\$25,000	
Hlth & HS	CVHPI	Capitman, J./ DeRoo, D.	San Joaquin Valley Public Health Consortium - Equity Implementation	The California Endowment	\$46,739	\$3,261	\$50,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	COVID-19 Response (City of Fresno)	City of Fresno	\$37,284	\$5,593	\$42,877	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	COVID-19 Response (County of Fresno)	Fresno County (via Fresno Building Healthy Communities (FBHC))	\$96,734	\$14,510	\$111,244	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	COVID-19 Response Phase 2 (County of Fresno)	Fresno County (via Fresno Building Healthy Communities (FBHC))	\$110,086	\$16,513	\$126,599	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Local Oral Health Evaluation Services (Yr. 3 of 3)	County of Fresno	\$43,478	\$6,522	\$50,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Race and Equity Advisory Committee DRIVE 2021-22	Central Valley Community Foundation (CVCF)	\$17,391	\$2,609	\$20,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	CVCF DRIVE Shared Analysis	Central Valley Community Foundation (CVCF)	\$45,652	\$6,848	\$52,500	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	Sierra Health Foundation IRC COVID	Sierra Health Foundation (via Fresno Building Healthy Communities (FBHC))	\$89,277	\$8,928	\$98,205	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	COVID-19 Response (City of Fresno) - Amd. 1	Fresno City (via Fresno Building Healthy Communities (FBHC))	\$26,513	\$3,977	\$30,490	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T.	DRIVE Civic Infrastructure Learning and Evaluation Project (Yr. 1 of 2)	Central Valley Community Foundation (CVCF)	\$86,956	\$13,044	\$100,000	
Hlth & HS	CVHPI	Capitman, J./ Pacheco-Werner, T./ Crowell, A.	Fresno County Digital Housing Data Repository (Yr. 2 of 5)	Chan-Zuckerberg Initiative	\$24,877	\$3,732	\$28,609	
Hlth & HS	CVHPI	DeRoo, D.	Advancing prevention policy innovation and adoption: The San Joaquin Valley Public Health Consortium (Yr. 2 of 2)	Blue Shield of California Foundation	\$162,043	\$24,306	\$186,349	
Hlth & HS	CVHPI	Garza, M./ Lessard, L.	EMBRACE Project 2019-23 (Year 2) - Amd. 1 (Yr. 2 of 4)	Patient-Centered Outcomes Research Institute (via UCSF)	\$583,507	\$342,694	\$926,201	
Hlth & HS	CVHPI	Pacheco-Werner, T.	Climate Change and Health Equity (Amd. 1)	Kresge Foundation (Via Leadership Counsel for Justice and Accountability)	\$13,333	\$1,667	\$15,000	
Hlth & HS	CVHPI	Pacheco-Werner, T.	Evaluation for Health Equity 2018-21 (Yr. 3 of 3)	California Endowment	\$71,254	\$10,688	\$81,942	
Hlth & HS	CVHPI	Pacheco-Werner, T.	Reducing Disparity Project Evaluation (Yr. 5 of 5)	West Fresno Family Resource Center	\$48,507	\$7,013	\$55,520	
<b>Total Department Awards: 19</b>					<b>Total Department Awarded:</b>	<b>\$1,663,153</b>	<b>\$510,382</b>	<b>\$2,173,535</b>
Hlth & HS	DSWE	Blankenship, D./ Foster, D./ Vungkhanching, M.	Adult Protective Services (APS) Training - 20/21 (Amd. 1) (Yr. 2 of 3)	California Department of Social Services (CDSS)	\$1,408,574	\$140,857	\$1,549,431	
Hlth & HS	DSWE	Foster, B./ Foster, D./ Vungkhanching, M.	San Joaquin County Grievance Review Officer 2020-21	San Joaquin County Human Service Agency	\$34,000	\$6,000	\$40,000	
Hlth & HS	DSWE	Foster, B./ Foster, D./ Vungkhanching, M.	Stanislaus Grievance Review Officer 2020-2021 (Yr. 2 of 2)	Stanislaus County Community Services Agency	\$6,522	\$979	\$7,500	
Hlth & HS	DSWE	Foster, B./ Foster, D./ Vungkhanching, M.	Stanislaus Grievance Review Officer 2019-21 (Amd. 1)	Stanislaus County Community Service Agency	\$11,565	\$1,735	\$13,300	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Santa Barbara County Grievance Review Officer 2020-21	Santa Barbara County	\$2,609	\$391	\$3,000	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA-CFPIC California Core Practice Model 2020-21	Child and Family Policy Institute of California (CFPIC)	\$65,217	\$9,783	\$75,000	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA-BAA CDSS Master '20 (Yr. 3 of 3)	California Department of Social Services (CDSS)	\$2,662,699	\$266,270	\$2,928,969	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Calaveras County Grievance Review Officer 2020-21	Calaveras County	\$8,695	\$1,305	\$10,000	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Ventura County Grievance Review and Placement Review 2020/21	Ventura County Community Services Agency	\$21,739	\$3,261	\$25,000	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	Tulare Co Child Welfare Services (CWS) Training 2019-22 (Yr. 2 of 3)	Tulare Co. Department of Human Services	\$116,872	\$17,531	\$134,403	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA BAA Santa Cruz CWS Training 2019-21(Yr. 2 of 2)	County of Santa Cruz Human Services Department	\$125,444	\$10,043	\$135,487	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA-BAA Contra Costa CWS '19 (Yr. 3 of 3)	Contra Costa County Employment and Human Services	\$231,481	\$18,519	\$250,000	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA BAA San Francisco CWS 2019-23 (Yr. 2 of 4)	County of San Francisco	\$535,104	\$42,808	\$577,912	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA CDSS Master '19 2020-2021 (Yr. 3 of 3)	California Department of Social Services (CDSS)	\$25,855	\$2,585	\$28,440	
Hlth & HS	DSWE	Foster, D./ Foster, B./ Vungkhanching, M.	CCTA-BAA San Mateo CWS 2019-22 (Yr. 2 of 3)	San Mateo County Human Services Agency	\$257,630	\$20,610	\$278,240	

Hlth & HS	DSWE	Foster, D./ Lutz, D./ Vungkhanching, M.	CCTA-CFPIC California Core Practice Model 2021-22	Child and Family Policy Institute of California (CFPIC)	\$65,217	\$9,783	\$75,000
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA San Benito County 2020-21	San Benito County	\$38,960	\$3,117	\$42,077
Hlth & HS	DSWE	Foster, D./ Mathias, C.	BAA CFPIC California Core Practice Model 2020-21	Child and Family Policy Institute of California (CFPIC)	\$69,444	\$5,556	\$75,000
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Solano County BAA FY2020-21	Solano County Child Welfare Services	\$64,240	\$5,139	\$69,379
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Monterey County Child Welfare Training 2020-21	Monterey County	\$161,944	\$12,956	\$174,900
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Solano County BAA FY2021-22	Solano County	\$64,240	\$5,139	\$69,379
Hlth & HS	DSWE	Foster, D./ Mathias, C.	San Mateo Grievance Review Officer 2018-21 (Amd. 2)	San Mateo County	\$9,491	\$759	\$10,250
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA Sonoma County Training (2021-22)	County of Sonoma	\$47,986	\$3,839	\$51,825
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Napa County Child Welfare Services 2021-22	Napa County	\$71,236	\$5,699	\$76,935
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Monterey County Child Welfare Training 2021-22	Monterey County	\$161,944	\$12,956	\$174,900
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA Marin County Training 2020-21 (Amd. 1)	County of Marin	\$16,987	\$1,360	\$18,347
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA -BAA CDSS Master - 2018-21 - Amendment 2	California Department of Social Services (CDSS)	\$172,291	\$17,229	\$189,520
Hlth & HS	DSWE	Foster, D./ Mathias, C.	Napa County Child Welfare Services 2020-21	Napa County	\$71,295	\$5,704	\$76,999
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA Sonoma County Training (2020-21)	Sonoma County	\$47,986	\$3,839	\$51,825
Hlth & HS	DSWE	Foster, D./ Mathias, C.	CCTA-BAA Marin County Training 2020-21	County of Marin	\$197,008	\$15,760	\$212,768
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Foster, B.	Ventura County Field Based Training 2020-21	Ventura County Human Services	\$272,087	\$40,813	\$312,900
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Foster, B.	CCTA Kern County Safety Organized Practice Training (Yr. 4 of 5)	Kern County Department of Human Services	\$164,300	\$65,720	\$230,020
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Foster, B.	Kings County Core Practice Model/Safety Organized Training 2019-2020(Yr. 2 of 2)	Kings County	\$97,500	\$14,625	\$112,125
Hlth & HS	DSWE	Foster, D./ Vungkhanching, M./ Lutz, D.	Calaveras County Grievance Review Officer 2021-22	Calaveras County	\$8,695	\$1,305	\$10,000
Hlth & HS	DSWE	Vungkhanching, M.	Title IV-E Social Work Training Program 2020-21 (Yr. 1 of 2)	University of California (CalSWEC)	\$2,985,919	\$274,646	\$3,260,565

<b>Total Department Awards: 35</b>					<b>Total Department Awarded:</b>	<b>\$10,302,776</b>	<b>\$1,048,621</b>	<b>\$11,351,396</b>
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Hlth & HS	Nursing/CCCEEN	Gilbert, M.	Song Brown FNP Training Program 2021-22	Office of Statewide Health Planning and Development (OSHDP)	\$96,000	\$0	\$96,000
Hlth & HS	Nursing/CCCEEN	Gilbert, M.	SB RN Capitation 2021-23 (Yr. 1 of 2)	Office of Statewide Health Planning and Development (OSHDP)	\$96,000	\$0	\$96,000
Hlth & HS	Nursing/CCCEEN	Gilbert, M.	SB RN Capitation 2019-21 (Yr. 2 of 2)	Office of Statewide Health Planning and Development (OSHDP)	\$96,000	\$0	\$96,000
Hlth & HS	Nursing/CCCEEN	Gilbert, M.	SB RN Capitation 2021-2022 (Yr. 2 of 2)	Office of Statewide Health Planning and Development (OSHDP)	\$96,000	\$0	\$96,000
Hlth & HS	Nursing/CCCEEN	Gilbert, M./ Nair, N.	SB RN Special Programs '20-'22 (Yr. 2 of 2)	Office of Statewide Health Planning and Development (OSHDP)	\$52,480	\$4,198	\$56,678
Hlth & HS	Nursing	Miller, S.	RN to BSN Expansion Program	Kaweah Delta Hospital (via College of the Sequoia Foundation)	\$110,000	\$0	\$110,000

<b>Total Department Awards: 6</b>					<b>Total Department Awarded:</b>	<b>\$546,480</b>	<b>\$4,198</b>	<b>\$550,678</b>
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Hlth & HS	Phys Therapy	Ko, N.	A simple and quantitative clinical assessment of neuromuscular recovery after ACL injury (Yr. 1 of 3)	National Institutes of Health (NIH)(via Neuromuscular Dynamics)	\$8,881	\$3,452	\$12,333
Hlth & HS	Phys Therapy	Rivera, M.	APTA Pediatric Research Grant	American Physical Therapy Association	\$7,355	\$0	\$7,355
Hlth & HS	Phys Therapy	Roos, J./ Bhupinder, S.	Gait Analysis of Individuals (Yr. 3 of 3)	San Joaquin Valley Rehabilitation Hospital	\$4,198	\$802	\$5,000

<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$20,434</b>	<b>\$4,254</b>	<b>\$24,688</b>
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Hlth & HS	Public Hlth	Kwon, J./ Ahn, Y./ Chung, S.	Fresno State Transportation Institute (FSTI) Research Grant 2020	Fresno Council of Governments (FCOG)	\$0	\$0	\$0
Hlth & HS	Public Hlth	Mirlohi, S.	AEESP High School Educational Outreach Program 2021	Association of Environmental Engineering and Science Professors Foundation	\$1,739	\$261	\$2,000
Hlth & HS	Public Hlth	Zografos, K.	Biostatistical Analysis 2020-23 (Yr. 2 of 3)	Valley Children's Healthcare	\$6,522	\$978	\$7,500

<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$8,261</b>	<b>\$1,239</b>	<b>\$9,500</b>
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Hlth & HS	Rec Admin	Lankford, S.	OHV/OSV Demographic Study (Yr. 1 of 2)	California Department of Parks and Recreation	\$250,228	\$29,269	\$279,497
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<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$250,228</b>	<b>\$29,269</b>	<b>\$279,497</b>
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<b>Totals:</b>	<b>\$12,791,332</b>	<b>\$1,597,963</b>	<b>\$14,389,294</b>
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# College of Science and Mathematics

## College of Science and Mathematics: 46

School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Sci & Math	Bio	Blumenshine, S.	ICF-Water 4 Salmon Restoration	ICF Global Consulting	\$6,855	\$1,028	\$7,883	
Sci & Math	Bio	Blumenshine, S.	Influence & Impact of Water Allocation for Salmon Restoration (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$31,538	\$0	\$31,538	
Sci & Math	Bio	Blumenshine, S./ Pasha, F.	ICF - Water 4 Salmon Restoration - Modification 01	ICF Global Consulting	\$8,696	\$1,304	\$10,000	
Sci & Math	Bio	Bush, J.	Metabolomics Analysis of HER2-Positive Breast Cancer Cells (Yr. 4 of 4)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$75,000	\$30,000	\$105,000	
Sci & Math	Bio	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	\$77,770	\$327,770	
Sci & Math	Bio	Hansen, A.	Conference Grant: Biology Beyond the Classroom: Experiential Learning through Authentic Research, Design & Community Engagement	National Science Foundation (NSF)	\$17,643	\$3,857	\$21,500	
Sci & Math	Bio	Waselkov, K.	Digitization TCN: Collaborative: Capturing California's Flowers: Using Digital Images to Investigate Historical and Geographic Phenological Change in a Biodiversity Hotspot (Yr. 3 of 3)	Cal Poly SLO (National Science Foundation (NSF) Passthrough)	\$12,380	\$4,952	\$17,332	
Sci & Math	Bio	Waselkov, K./ Shrestha, A.	Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in Amaranthus Palmeri (Yr. 2 of 3)	University of Illinois (Prime: U.S. Department of Agriculture (USDA))	\$56,720	\$22,688	\$79,408	
Sci & Math	Bio	Waselkov, K./ Shrestha, A.	ARI: Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in Amaranthus palmeri (Yr. 2 of 3)	CSU Agricultural Research Institute (ARI)	\$51,956	\$0	\$51,956	
Sci & Math	Bio	Waselkov, K./ Shrestha, A.	Using Evolutionary Genomics to Probe Agricultural Invasiveness and Adaptive Evolution in Amaranthus Palmeri (Yr. 3 of 3)	University of Illinois (Prime: U.S. Department of Agriculture (USDA))	\$51,266	\$20,506	\$71,772	
<b>Total Department Awards: 10</b>					<b>Total Department Awarded:</b>	<b>\$562,054</b>	<b>\$162,105</b>	<b>\$724,159</b>
Sci & Math	Chem	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)	\$97,278	\$38,911	\$136,189	
Sci & Math	Chem	Chen, Q.	Development of Natural Product-Based Androgen Receptor Modulators	CSU Program for Education and Research in Biotechnology (CSUPERB)(Microgrant)	\$1,500	\$0	\$1,500	
Sci & Math	Chem	De La Cerda, L./ Goto, J.	California State University Luis Stokes STEM Pathways and Research Alliance (CSU-LSAMP) (FY2020-2021) Amendment No. 532913-A3 (Yr. 3 of 5)	California State University (CSU) - Chancellor's Office via CSU, Sacramento	\$54,054	\$0	\$54,054	
Sci & Math	Chem	Goto, J./ Markin, M./ Benes, S./ Larralde-Muro, J.	LSAMP BD: California State University, Fresno, CSU-LSAMP-BD Cohort 16 (Yr. 2 of 2)	Sacramento State University (National Science Foundation (NSF) Passthrough)	\$528,000	\$0	\$528,000	
Sci & Math	Chem	Krishnan, V.	Effect of Western Diet in Gastrointestinal Cancer by NMR Metabolomics (Yr. 3 of 4)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$75,000	\$30,000	\$105,000	
Sci & Math	Chem	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)	\$115,492	\$8,084	\$123,576	
Sci & Math	Chem	Krishnan, V./ Calderon-Urrea, A./ Bush, J./ Goto, J./ Chen, Q.	RISE Program at Fresno State (Yr. 3 of 5)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)	\$479,339	\$38,347	\$517,686	
Sci & Math	Chem	Uchida, M.	Nanomanufacturing of Protein Macromolecular Frameworks Through an Integrated Bioengineering and Computational Approach (Yr. 3 of 3)	National Science Foundation (NSF)	\$156,609	\$19,749	\$176,358	
<b>Total Department Awards: 8</b>					<b>Total Department Awarded:</b>	<b>\$1,507,272</b>	<b>\$135,091</b>	<b>\$1,642,363</b>
Sci & Math	CS	Cecotti, H.	Enhancing spacecraft cockpits in fully immersive virtual reality	National Aeronautics and Space Administration (NASA)	\$1,500	\$0	\$1,500	
Sci & Math	CS	Panagopoulos A./ Ashkan S.	Automating Pistachio Canopy Temperature Identification: A Machine Learning Approach (Yr. 2 of 2)	CSU Agricultural Research Institute (ARI)	\$32,841	\$0	\$32,841	
Sci & Math	CS	Pirouz, M./ Mehta, R./ Donnelly, D./ Walter, M.	Critical and Transdisciplinary Applications of Computational Thinking (CTACT) (Yr. 2 of 5)	National Science Foundation (NSF)	\$212,982	\$25,593	\$238,575	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$247,323</b>	<b>\$25,593</b>	<b>\$272,916</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)	California Learning Lab (UC Los Angeles Passthrough)	\$71,887	\$0	\$71,887	
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. 2 of 3)	National Science Foundation (NSF)	\$211,750	\$81,914	\$293,664	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$283,637</b>	<b>\$81,914</b>	<b>\$365,551</b>

Sci & Math	EES	Mine, A.	Biogeochemical Controls on Natural and Anthropogenic Groundwater Contaminants in California' Central Valley	Keck Geology Consortium (National Science Foundation (NSF) Passthrough) (Macalester College)	\$42,000	\$0	\$42,000	
Sci & Math	EES	Putirka, K.	RUI: COLLABORATIVE PROPOSAL: TECTONIC CONTROLS ON ARC EVOLUTION (Yr. 3 of 3)	National Science Foundation (NSF)	\$45,204	\$18,082	\$63,286	
Sci & Math	EES	Reece, J.	Changes in Bat Biodiversity from 2002-2005 to 2019-2020 in Sequoia and Kings Canyon National Parks	Save the Redwoods League	\$5,000	\$0	\$5,000	
Sci & Math	EES	Weinman, B.	Pairing Instream Restoration with Disturbances to Restore Headwaters Meadows and Reduce Downstream Sedimentation	U.S. Forest Services (USFS) - U.S. Department of Agriculture (USDA)	\$27,234	\$4,766	\$32,000	
<b>Total Department Awards: 4</b>					<b>Total Department Awarded:</b>	<b>\$119,438</b>	<b>\$22,848</b>	<b>\$142,286</b>

Sci & Math	Math	Amarasinghe, R.	On-Ramp to STEM (Yr. 1 of 3)	California Governor's Office of Planning and Research (OPR)	\$179,553	\$14,364	\$193,917	
Sci & Math	Math	Amarasinghe, R./ Phillips, E.	GOTMath (Growing Outstanding Teachers of Mathematics) (Yr. 3 of 5)	National Science Foundation (NSF)	\$311,443	\$17,187	\$328,630	
Sci & Math	Math	Banuelos, M.	Regulatory T cell function in predicting Valley fever outcomes (Yr. 2 of 2)	Department of Health and Human Services (DHHS) - National Institutes of Health (NIH)(UC Merced Passthrough)	\$12,061	\$4,824	\$16,885	
Sci & Math	Math	Tuska, A.	CSU/UC Mathematics Diagnostic Testing Project (MDTP)	UC San Diego (Regents of the University of California)	\$25,490	\$0	\$25,490	
Sci & Math	Math	Vega, O.	BAMMI: Bolstering the Advancement of Masters in Mathematics (Yr. 2 of 5)	National Science Foundation (NSF)	\$67,805	\$6,192	\$73,997	
Sci & Math	Math	Vega, O./ Forgacs, T./ Hasson, A./ Tague, J./ Caprau, C.	M-2S-2: Mentoring Math Scholars for Success (Yr. 4 of 5)	National Science Foundation (NSF)	\$209,120	\$22,762	\$231,882	
<b>Total Department Awards: 6</b>					<b>Total Department Awarded:</b>	<b>\$805,472</b>	<b>\$65,329</b>	<b>\$870,801</b>

Sci & Math	Physics	Bawa, H.	Explore cloud solution for ATLAS experiment of LHC at CERN by the CSU ATLAS group	BNL Laboratory (U.S. Department of Energy (DOE) Passthrough)	\$28,291	\$11,316	\$39,607	
Sci & Math	Physics	Gao, Y.	IRES Track I: US-CERN Summer Program on Atlas Experiment of LHC at CERN (Yr. 3 of 3)	National Science Foundation (NSF)	\$87,465	\$10,332	\$97,797	
Sci & Math	Physics	Ho, P.	RUI: Investigation of Strongly Correlated Electron Behavior in Rare-Earth Related Materials (Yr. 3 of 3)	National Science Foundation (NSF)	\$93,785	\$37,514	\$131,299	
Sci & Math	Psych	Jackson, M.	FBS-FOCUSED BEHAVRL SERC	Central Valley Regional Center (CVRC)	\$13,385	\$914	\$14,298	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Behavior Intervention Services - D&D Residential (FY2020-2021)	D&D Residential	\$19,130	\$2,870	\$22,000	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Behavior Intervention Services - CUSD (FY2020-2021)	Central Unified School District	\$42,608	\$6,392	\$49,000	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Comprehensive Behavior Services (Yr. 1 of 3)	Central Valley Regional Center (CVRC)	\$869,565	\$130,435	\$1,000,000	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Childcare/Parent Training Contract SC063 - 19-063-001 (Yr. 2 of 3)	Central Valley Regional Center (CVRC)	\$28,725	\$4,309	\$33,034	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Behavior Intervention Services (BIS) 612 (Year 2 of 3)	Central Valley Regional Center (CVRC)	\$173,918	\$26,082	\$200,000	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Behavior Intervention Services	Telecare Corporation	\$34,782	\$5,218	\$40,000	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Social Skills Training for Children and Young Adults	Central Valley Regional Center (CVRC)	\$0	\$0	\$0	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Parenting Skills Contract No. 18-028-001 (Yr. 2 of 3)	Central Valley Regional Center (CVRC)	\$28,725	\$4,309	\$33,034	
Sci & Math	Psych	Jackson, M./ Moschella, J.	Behavior Intervention Services (BIS) 620	Central Valley Regional Center (CVRC)	\$239,420	\$11,111	\$250,531	
<b>Total Department Awards: 13</b>					<b>Total Department Awarded:</b>	<b>\$1,659,799</b>	<b>\$250,801</b>	<b>\$1,910,601</b>

<b>Totals:</b>	<b>\$5,184,995</b>	<b>\$743,681</b>	<b>\$5,928,677</b>
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# College of Social Sciences

College of Social Sciences: 13								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Social Science	Anthro	Juarez, C.	Learning from our Casework: The forensic anthropology database for assessing methods accuracy (FADAMA) (Yr. 2 of 2)	University of Illinois Champagne Urbana (NIJ Passthrough)	\$12,276	\$4,910	\$17,186	
Social Science	Anthro	LeeOliver, L.	American Indian Culture and Art as Pedagogy: Teaching and Learning Exhibit	California Humanities	\$4,545	\$455	\$5,000	
<b>Total Department Awards: 2</b>				<b>Total Department Awarded:</b>	<b>\$16,821</b>	<b>\$5,365</b>	<b>\$22,186</b>	
Social Science	Crim	English, P.	Program Evaluation - Justice Assistance Grant (JAG) (Yr.1 of 3)	Edward Byrne Memorial Justice Assistance Grant	\$47,529	\$4,753	\$52,282	
Social Science	Crim	Hughes, E.	California Reentry and Enrichment Grant Program in California Prisons (Year 1 of 2)	California Department of Corrections and Rehabilitation (CDCR)	\$66,037	\$9,905	\$75,942	
Social Science	Crim	Hughes, E.	CSU Project Rebound Outreach Program (Yr. 3 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$42,556	\$3,090	\$45,646	
Social Science	Crim	Hughes, E.	Project Rebound Mentorship Program (Yr. 2 of 3)	California Department of Juvenile Justice (Cal Poly Pomona Passthrough)	\$11,505	\$3,452	\$14,957	
Social Science	Crim	Klement, K./ Kieckhafer, J./ Marshall, J.	Evaluation of Contraband Interdiction Pilot Program - SATF and State Prison Corcoran Research Proposal (Yr. 3 of 3)	California Department of Corrections and Rehabilitation (CDCR)	\$35,441	\$10,632	\$46,073	
Social Science	Crim	Shaw, M.	The JAG Prevention and Education Grant (Yr. 2 of 3)	County of Kings (via Board of State and Community Corrections)	\$10,001	\$1,000	\$11,001	
Social Science	Crim	Summers, M.	Second Chance Community-Based Adult Reentry Program (Yr. 1 of 4)	Insight Garden (U.S. Department of Justice - Bureau of Justice Assistance (BJA) Passthrough)	\$4,107	\$1,643	\$5,750	
<b>Total Department Awards: 7</b>				<b>Total Department Awarded:</b>	<b>\$217,176</b>	<b>\$34,475</b>	<b>\$251,651</b>	
Social Science	Poli Sci	Bryant, L.	REACHABLE (Reimagine Educating: American Civics and History Academics for Better Learning and Engagement) (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$345,894	\$0	\$345,894	
<b>Total Department Awards: 1</b>				<b>Total Department Awarded:</b>	<b>\$345,894</b>	<b>\$0</b>	<b>\$345,894</b>	
Social Science	Sociology	Jones, A.	Assessment of SNROs/SROs For Fresno Unified School District	Fresno Unified School District (FUSD)	\$42,522	\$6,378	\$48,900	
Social Science	Sociology	Jones, A./ Kubal, T.	Commission on Police Reform Survey	City of Fresno	\$22,750	\$3,413	\$26,163	
Social Science	Sociology	Kubal, T./ Crowell, A./ Helsel, D.	Evaluation of Lodge Innovation Program (Yr. 1 of 4)	Fresno County Department of Behavioral Health	\$18,649	\$2,797	\$21,446	
<b>Total Department Awards: 3</b>				<b>Total Department Awarded:</b>	<b>\$83,921</b>	<b>\$12,588</b>	<b>\$96,509</b>	
<b>Totals:</b>					<b>\$663,812</b>	<b>\$52,428</b>	<b>\$716,240</b>	

# Student Affairs

Student Affairs Total Awards 16								
School	Department	PI	Title	Agency	Direct Awarded	Indirect Awarded	Total Awarded	
Student Affairs	AFS Cupboard	Medina, J.	Cal Fresh Outreach FY2019-2021 (Yr. 2 of 3) - Increase	CSU Chico (California Department of Social Services (CDSS))	\$2,142	\$858	\$3,000	
Student Affairs	AFS Cupboard	Medina, J.	Supplemental Nutrition Assistance Program - Education Services 2020-2021 (Yr. 1 of 2)	U.S. Department of Agriculture (USDA)(Passthrough funding to CDSS to CSU, Chico)	\$62,582	\$15,645	\$78,227	
Student Affairs	AFS Cupboard	Medina, J.	Cal Fresh Outreach FY2019-2021 (Yr. 3 of 3) - Increase	CSU Chico (California Department of Social Services (CDSS))	\$7,857	\$3,143	\$11,000	
<b>Total Department Awards: 3</b>					<b>Total Department Awarded:</b>	<b>\$72,581</b>	<b>\$19,646</b>	<b>\$92,227</b>
Student Affairs	CAMP	Gamez, O.	College Assistance Migrant Program Grant (CAMP) 2019-2024 - (Yr. 2 of 5)	U.S. Department of Education (USDE)	\$386,290	\$38,710	\$425,000	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$386,290</b>	<b>\$38,710</b>	<b>\$425,000</b>
Student Affairs	EOC	Amaro, J.	Central California Educational Opportunity Center 2020-2021 (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$362,172	\$28,974	\$391,146	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$362,172</b>	<b>\$28,974</b>	<b>\$391,146</b>
Student Affairs	OSP	Jones, S.	CAL SOAP 2020-21	California Student Aid Commission (CSAC)	\$626,778	\$31,339	\$658,117	
<b>Total Department Awards: 1</b>					<b>Total Department Awarded:</b>	<b>\$626,778</b>	<b>\$31,339</b>	<b>\$658,117</b>
Student Affairs	SHCC	Morillo, J.	Good Samaritan Fund	Perenchio Foundation	\$500,000	\$0	\$500,000	
Student Affairs	SHCC	Yarmo, K.	Keeping It Sexually Safer (KISS) - (Yr. 2 of 2)	Central Valley Community Foundation (CVCVF)	\$37,550	\$1,200	\$38,750	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$537,550</b>	<b>\$1,200</b>	<b>\$538,750</b>
Student Affairs	SSD	Coon, C./ Flores, L.	USDE SSS Disabilities 2020-2025 (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$243,637	\$18,251	\$261,888	
Student Affairs	SSS	Russell, K.	Federal Work Study FY 2020-2021	U.S. Department of Education (USDE)	\$603,975	\$0	\$603,975	
Student Affairs	SSS	Xiong, G.	USDE SSS Regular 2020-2025 (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$326,298	\$21,704	\$348,002	
Student Affairs	SSS	Xiong, G./ Flores, L.	USDE SSS Veterans 2020-2025 (Yr. 1 of 5)	U.S. Department of Education (USDE)	\$245,452	\$16,436	\$261,888	
<b>Total Department Awards: 4</b>					<b>Total Department Awarded:</b>	<b>\$1,419,362</b>	<b>\$56,391</b>	<b>\$1,475,753</b>
Student Affairs	Talent Search	Granados, M./ Nunez, O.	Fresno State Educational Talent Search 2019-2020 (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$349,288	\$27,943	\$377,231	
Student Affairs	Talent Search	Granados, M./ Figueroa, J.	Educational Talent Search Porterville 2020-2021 (Yr. 5 of 5)	U.S. Department of Education (USDE)	\$256,829	\$20,546	\$277,375	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$606,117</b>	<b>\$48,489</b>	<b>\$654,606</b>
Student Affairs	Upward Bound	Garcia-Mireles, B.	Upward Bound NextGen 2020-2021 CSU, Fresno (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$295,400	\$17,080	\$312,480	
Student Affairs	Upward Bound	Garcia-Mireles, B.	Upward Bound Classic 2020-2021 (Yr. 4 of 5)	U.S. Department of Education (USDE)	\$453,466	\$27,656	\$481,122	
<b>Total Department Awards: 2</b>					<b>Total Department Awarded:</b>	<b>\$748,866</b>	<b>\$44,736</b>	<b>\$793,602</b>
<b>Totals:</b>					<b>\$4,759,716</b>	<b>\$269,485</b>	<b>\$5,029,201</b>	