

Grants Update Q2, FY 2020-21

Several new grant applications were submitted in the second quarter of FY 2020-21:

1. John Burton Advocates for Youth – Community College Basic Needs Centers
 - The proposed project lead is Dr. Koji Uesugi, Dean of Student Services.
 - The request is \$15,000 over an 18-month project period.
 - Funded projects will expand food pantry services to include comprehensive basic needs support, expand outreach activities in order to reach students with the greatest needs, expand the number of students served by the basic needs center, expand collaboration with internal and external partners, expand the availability of emergency support, and/or expand capacity for data collection.
2. U.S. Department of Education – ReTHINK Adult Education Challenge
 - The proposed project lead is Dr. Tami Pearson, Dean of Continuing Education and Workforce Development.
 - This was the first stage of a two-stage process. If invited to submit a Stage II application, the request will be up to \$250,000 over a college-defined project period.
 - This project would develop a health careers pre-apprenticeship program that would include: providing one-on-one counseling; tutoring; a Learning Center to improve students' reading, writing, and math skills; contextualized support classes; computer literacy classes; Adult High School Diploma and High School Equivalency preparation; HESI and healthcare exam preparation; ESL coursework; foundational skills; basic skills remediation; test-taking skills; and a variety of work readiness programs.
3. U.S. Department of Labor – Strengthening Community Colleges Training Grants
 - Rancho Santiago Community College District is the lead applicant for the proposed consortium project. The consortium includes community colleges in the Los Angeles/Orange County Regional Consortium.
 - The total request for the consortium is \$5 million over a four-year period. The allocation for each college involved in the consortium is to be determined.
 - This project would focus on new, accelerated instructional techniques or technologies, including the use of advanced online and technology-enabled learning, in high-demand programs based on regional labor market data. The two programs that Mt. SAC plans to enhance are Medical Assistant and Certified Nursing Assistant. The programs will offer improved comprehensive and personalized student support services and career guidance. In addition, the programs will pilot the use of zSpace to enhance students' educational experience through augmented reality and virtual reality modules, allowing students to learn skills and content on their schedule, in their own space, at their own pace.

4. National Science Foundation – Improving Undergraduate STEM Education: Social and Interactive Learning at Community Colleges (SAIL-CC)
 - Carnegie Mellon University is the lead applicant for the proposed project. The project will engage several community colleges across the nation.
 - The total request for the consortium is \$3 million over a five-year period. The allocation for each college involved in the consortium is to be determined; however, all activities related to the project would be covered by grant funds.
 - The proposed project would investigate how SAIL-CC digital augmentation of faculty teaching practice leads to improved learning outcomes, persistence, and attainment of students, especially those students traditionally underrepresented in STEM careers. If funded, Mt. SAC may be a part of the pilot efforts and has provided a letter of collaboration in support of the project.
5. National Science Foundation – Improving Undergraduate STEM Education: Collaborative Research: CLASS 2.0: Applying a Digital Tool to Support Self-regulated Learning Strategies in Introductory Geoscience Courses
 - North Carolina State University is the lead applicant for the proposed project. Mt. SAC has submitted its own collaborative proposal.
 - The project co-leads are Rebecca Walker and Dr. David Mrofka, Professors of Earth Sciences and Astronomy.
 - The request is \$67,559 over a three-year project period.
 - The project will use a digital tool (CLASS) in specific sections of GEOL1, GEOL8, GEOL8L, OCEA10, and OCEA10L, including data collection of pre- and post-course content and student interest, contribute new learning objectives to these courses, and participate in data analysis and manuscript preparation related to individual courses and as part of the larger research project.

Currently, Mt. SAC is working on or exploring the following grant applications:

1. Arthur N. Rupe Foundation, Certified Nursing Assistant (CNA) Program Grant – This one-year project would increase the capacity of the college to meet the workforce and student demand for the CNA program. This would include additional tutoring, counseling, expanded lab hours, enhanced orientation, access to more materials and clinical experiences, and certification exam preparation. The project also would provide scholarships to low-income students to cover the cost of participation in the program (e.g., background checks, CPR card, uniforms, textbooks) as well as CNA certification exam fees. The deadline is 1/8/2021.
2. National Science Foundation, Improving Undergraduate STEM Education, Hispanic-Serving Institutions Program – This five-year project would be led by California State Polytechnic University, Pomona. This project would finalize a pathway program and admission process that incentivizes the completion of major engineering preparation coursework at Mt. SAC prior to matriculation to Cal Poly Pomona. The deadline is 1/13/2021.

3. National Science Foundation, Research on Emerging Technologies for Teaching and Learning – This three-year project would be led by North Carolina State University. Similar to the collaborative project referenced above (item 5), the college co-leads would incorporate a digital tool in specific geology and oceanography courses, collect and analyze pre- and post-course content data, contribute new learning objectives to these courses, and participate in data analysis as part of the larger research project. The deadline is 1/25/2021.
4. California Community Colleges Chancellor's Office, Direct Assessment Competency-based Education (CBE) Collaborative – This four-year project would include the following modules: generate local support for CBE programs and establish a CBE implementation team that is representative of the campus community; use data to identify and select a direct assessment CBE program of study; create a comprehensive direct assessment CBE program; seek and receive program approval from the institutional accrediting agency (ACCJC) and the U.S. Department of Education; integrate direct assessment CBE into operating systems and establish infrastructure to support direct assessment CBE; seek and receive program approval from the CCCC; successfully launch a CBE program and enroll students; and establish and implement a direct assessment CBE evaluation plan. The deadline is 2/5/2021.
5. Federal Aviation Administration, Aviation Maintenance Technical Workers Workforce Development Grant Program – This 18-month grant would establish new educational programs that teach technical skills used in aviation maintenance or improve existing such programs, enhance aviation maintenance technical education or the aviation maintenance industry workforce, establish scholarships or apprenticeships in the aviation maintenance industry, support outreach about careers in the aviation maintenance industry to K-14 students, and support transition to careers in aviation maintenance. The competition has been unexpectedly delayed and now has an anticipated deadline of mid-March 2021.
6. Federal Aviation Administration, Aircraft Pilots Workforce Development Grant Program – This 18-month grant would create and deliver curriculum designed to provide high school students with meaningful aviation education that is designed to prepare the students to become aircraft pilots, aerospace engineers, or unmanned aircraft systems operators. The project would also support the professional development of teachers using the curriculum. The competition has been unexpectedly delayed and now has an anticipated deadline of mid-March 2021.

ACTIVE PROJECTS - FISCAL YEAR 2020-21					
Project Title and Funding Agency	Project Director and Department	Start Date	End Date	Fiscal Year Funding	Total Funding
Nursing -- Pomona Valley Hospital Medical Center	B. Lynes Nursing	7/1/2007	Ongoing	\$ 30,400	\$ 136,000
Nursing -- Citrus Valley Health Partners	B. Lynes Nursing	11/1/2007	Ongoing	\$ 37,960	\$ 85,000
Improving Undergraduate STEM Education: Pathways into Geoscience -- National Science Foundation	R. Walker Earth Sciences	9/15/2015	8/31/2020	\$ 2,110	\$ 143,986
Asian American and Native American Pacific Islander Serving Institutions: Arise -- U.S. Department of Education	A. Cuenza Student Services	10/1/2016	9/30/2021	\$ 540,012	\$ 1,725,620
Hispanic-Serving Institutions STEM and Articulation Programs: Project RAISE (Regional Alliance in STEM Education) -- U.S. Department of Education through California State University, Fullerton	J. Vitullo Natural Sciences	10/1/2016	9/30/2021	\$ 27,363	\$ 100,000
Improving Undergraduate STEM Education: Collaborative Research, Geodesy -- National Science Foundation through Indiana University	R. Walker Earth Sciences	8/1/2017	7/31/2021	\$ 26,385	\$ 53,178
Upward Bound with La Puente and Ganesha High Schools -- U.S. Department of Education	V. Rojas Student Services	9/1/2017	8/31/2022	\$ 337,478	\$ 1,612,352
Guided Pathways -- California Community Colleges Chancellor's Office	J. McGowan Instruction	4/1/2018	12/31/2022	\$ 1,865,582	\$ 3,136,515
California Community Colleges Mental Health Services Grant Program -- California Community Colleges Chancellor's Office	M. Whitford Health Services	5/1/2018	12/31/2020	\$ 21,627	\$ 250,000
CalFresh Outreach Services -- California Department of Social Services through California State University, Chico	K. Uesugi Student Services	10/1/2018	9/30/2021	\$ 81,982	\$ 194,320
Child Care Access Means Parents in School -- U.S. Department of Education	T. Addison Child Dev Center	10/1/2018	9/30/2022	\$ 357,686	\$ 1,430,744
Certified Nurse Assistant Training Programs -- California Community Colleges Chancellor's Office	T. Pearson Continuing Ed	1/1/2019	6/30/2021	\$ 35,701	\$ 37,500
Improving Online CTE Pathways, Track 1: Expanding Online Pathways and Increasing CTE Completion -- California Community Colleges Chancellor's Office	M. Chen Lib & Learn Res	7/1/2019	12/31/2020	\$ 84,977	\$ 250,000
Improving Online CTE Pathways, Track 3: Promoting Success for Online Students and Faculty -- California Community Colleges Chancellor's Office	M. Chen Lib & Learn Res	7/1/2019	12/31/2020	\$ 71,912	\$ 250,000

ACTIVE PROJECTS - FISCAL YEAR 2020-21					
Project Title and Funding Agency	Project Director and Department	Start Date	End Date	Fiscal Year Funding	Total Funding
Certified Nursing Assistant Program Grant -- Arthur N. Rupe Foundation	T. Pearson Continuing Ed	7/1/2019	9/30/2020	\$ 8,252	\$ 30,000
Deputy Sector Navigator, Los Angeles and Orange County: Health -- California Community Colleges Chancellor's Office	O. Lopez Tech & Health	7/1/2019	9/30/2020	\$ 69,278	\$ 200,000
Song-Brown Health Care Workforce Training Act RN Education Program, Capitation -- California Office of Statewide Health Planning and Development	B. Lynes Nursing	7/1/2019	6/30/2021	\$ 19,459	\$ 200,000
Title V, Developing Hispanic-Serving Institutions: Creating an Equity-minded Campus Culture to Improve Student Outcomes - U.S. Department of Education	L. Rodriguez POD	10/1/2019	9/30/2024	\$ 1,049,529	\$ 2,999,125
College and Career Bridge Program: Rising Scholars -- Los Angeles County Department of Health Services	V. Rojas Student Services	1/1/2020	6/30/2021	\$ 300,000	\$ 300,000
Career Pathways Specialists Project, Health Sector -- California Community Colleges Chancellor's Office through Rio Hondo Community College District	O. Lopez Tech & Health	1/16/2020	12/31/2020	\$ 71,739	\$ 75,000
Learning and Leadership: Process Oriented Guided Inquiry Learning at Mt. SAC -- The NEA (National Education Association) Foundation	L. Nguyen Biology	5/11/2020	4/21/2022	\$ 2,500	\$ 5,000
Using Research and Technology to Transform Undergraduate STEM Education: Innovation Grants in Engineering -- Governor's Office of Planning and Research through University of California, Riverside	E. Mahmoud Chemistry	6/30/2020	7/31/2023	\$ 36,902	\$ 119,719
Nursing Education Program Support -- California Community Colleges Chancellor's Office	B. Lynes Nursing	7/1/2020	6/30/2021	\$ 262,448	\$ 262,448
Certified Nursing Assistant Program Grant -- Arthur N. Rupe Foundation	T. Pearson Continuing Ed	7/1/2020	6/30/2021	\$ 25,000	\$ 25,000
Deputy Sector Navigator, Los Angeles and Orange County: Health -- California Community Colleges Chancellor's Office	O. Lopez Tech & Health	7/1/2020	9/30/2021	\$ 200,000	\$ 200,000
Song-Brown Health Care Workforce Training Act RN Education Program, Capitation -- California Office of Statewide Health Planning and Development	B. Lynes Nursing	7/1/2020	6/30/2022	\$ 80,000	\$ 160,000
Using Research and Technology to Transform Undergraduate STEM Education: Innovation Grants in Chemistry -- Governor's Office of Planning and Research	D. Doshi Chemistry	7/1/2020	7/31/2023	\$ 328,702	\$ 1,000,000

ACTIVE PROJECTS - FISCAL YEAR 2020-21					
Project Title and Funding Agency	Project Director and Department	Start Date	End Date	Fiscal Year Funding	Total Funding
Advanced Technological Education: Supporting Technicians in Engineering Programs from Underserved Populations -- National Science Foundation	E. Mahmoud Chemistry	8/1/2020	7/31/2023	\$ 197,781	\$ 594,293
Child Development Training Consortium -- California Department of Education through Yosemite Community College District	L. Melendez Child Development	9/1/2020	6/20/2021	\$ 13,800	\$ 13,800
Advanced Technological Education: Preparing a Skilled Technical Workforce through Utilization and Assessment of Undergraduate Research -- National Science Foundation	I. Nejad Chemistry	9/1/2020	8/31/2025	\$ 231,364	\$ 953,432
Student Support Services: Achieving in College, Ensuring Success -- U.S. Department of Education	V. Rojas Student Services	9/1/2020	8/31/2025	\$ 261,888	\$ 1,309,440
Total				\$ 6,679,817	\$ 17,852,472

NEW APPLICATIONS / PROPOSALS / CONTRACTS - FISCAL YEAR 2020-21					
Project Title and Funding Agency	Date Submitted	First Year Request	Total Request	First Year Funding	Total Funding
LA84 Foundation/Mt. SAC Relays Youth Track & Field and Cross Country Program -- LA84 Foundation	7/15/2020	Preliminary application	Preliminary application	N/A	N/A
LA84 Foundation/Mt. SAC Relays Youth Track & Field and Cross Country Program -- LA84 Foundation	8/14/2020	\$ 300,370	\$ 300,370	\$ 300,000	\$ 300,000
Child Development Training Consortium -- California Department of Education through Yosemite Community College District	9/1/2020	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800
CalFresh Outreach Services -- California Department of Social Services through California State University, Chico	9/24/2020	\$ 80,278	\$ 240,834	Pending	Pending
Community College Basic Needs Centers -- John Burton Advocates for Youth	11/8/2020	\$ 15,000	\$ 15,000	\$ 20,000	\$ 20,000
ReTHINK Adult Education Challenge -- U.S. Department of Education	11/25/2020	Preliminary application	Preliminary application	N/A	N/A
Total		\$ 409,448	\$ 570,004	\$ 333,800	\$ 333,800

NEW PARTNER APPLICATIONS / PROPOSALS / CONTRACTS - FISCAL YEAR 2020-21					
Project Title and Funding Agency	Date Submitted	First Year Request	Total Request	First Year Funding	Total Funding
Inclusion Across the Nation of Communities of Learners of Underrepresented Discoveries in Engineering and Science -- National Science Foundation through California State Polytechnic University, Pomona	7/13/2020	\$ 34,935	\$ 34,935	Pending	Pending
Strengthening Community Colleges Training Grants -- U.S. Department of Labor through Rancho Santiago Community College District	10/8/2020	\$ 12,000	\$ 50,000	Pending	Pending
Improving Undergraduate STEM Education: Social and Interactive Learning at Community Colleges -- National Science Foundation through Carnegie Mellon University	11/29/2020	Letter of collaboration	Letter of collaboration	N/A	N/A
Improving Undergraduate STEM Education: Collaborative Research, Geoscience -- National Science Foundation with North Carolina State University	12/1/2020	\$ 20,328	\$ 67,559	Pending	Pending
Total		\$ 67,263	\$ 152,494	\$ -	\$ -

UPCOMING APPLICATIONS / PROPOSALS / CONTRACTS - FISCAL YEAR 2020-21					
Project Title and Funding Agency	Due Date	First Year Request	Total Request	First Year Funding	Total Funding
Certified Nursing Assistant Program Grant -- Arthur N. Rupe Foundation	1/8/2021	\$ 25,000	\$ 25,000	N/A	N/A
Improving Undergraduate STEM Education, Hispanic-Serving Institutions Program: Bridges Institutions to Determine Gaps in Engineering Education -- National Science Foundation through California State Polytechnic University, Pomona	1/13/2021	\$ 29,500	\$ 147,500	N/A	N/A
Research on Emerging Technologies for Teaching and Learning: CLASS ADAPT (Geology) -- National Science Foundation through North Carolina State University	1/25/2021	\$ 28,000	\$ 84,000	N/A	N/A
Direct Assessment Competency-based Education Collaborative -- California Community Colleges Chancellor's Office	2/5/2021	\$ 128,750	\$ 515,000	N/A	N/A
Title III/V Designation -- U.S. Department of Education	2/15/2021*	Eligibility application	Eligibility application	N/A	N/A
Aircraft Pilots Workforce Development Grant Program -- Federal Aviation Administration	3/5/2021*	\$ 300,000	\$ 300,000	N/A	N/A
Aviation Maintenance Technical Workers Workforce Development Grant Program -- Federal Aviation Administration	3/5/2021*	\$ 300,000	\$ 300,000	N/A	N/A
Scholarships in Science, Technology, Engineering, and Mathematics -- National Science Foundation	3/31/2021*	\$ 200,000	\$ 1,000,000	N/A	N/A
Improving Undergraduate STEM Education, Hispanic-Serving Institutions Program: Pilot Project (Earth Science) -- National Science Foundation	8/25/2021	\$ 200,000	\$ 400,000	N/A	N/A
Total		\$ 1,211,250	\$ 2,771,500	\$ -	\$ -

**Anticipated deadline*