

## **Grants Update Q3, FY 2020-21**

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

1. Arthur N. Rupe Foundation – Certified Nursing Assistant (CNA) Program Grant
  - This project application was submitted and funded during the third quarter.
  - The project lead is Dr. Tami Pearson, Dean of Continuing Education & Workforce Development.
  - The grant award is \$15,000 over a one-year project period.
  - This project will increase the college's capacity to meet the workforce and student demand for the CNA program. In addition to providing tutoring, counseling, expanded lab hours, and certification exam preparation, the project also will provide scholarships to low-income students to cover the cost of participation in the program as well as CNA certification exam fees.
2. The Japan Foundation, Los Angeles – Special COVID-19 Relief Grant for Japanese Teaching Materials
  - This project application was submitted and funded during the third quarter.
  - The project lead was Keiko Tsurumi, Professor of Foreign Languages.
  - The grant award was \$1,000 over a one-month project period.
  - This project allowed for the purchase of teaching materials in support of Japanese-language education, specifically an eBook collection accessed digitally through the library for students enrolled in Japanese 3 and Japanese 4.
3. California Community Colleges Chancellor's Office – Mathematics, Engineering, Science Achievement (MESA)
  - The proposed project lead is Matt Judd, Dean of Natural Sciences.
  - The request is \$100,000 over a one-year project period, with annual extensions if project objectives are met.
  - The proposed project would establish a MESA Center, a dedicated program director, outreach and recruitment of underrepresented students, student orientation, student clustering in classes, labs, workshops, and discussion groups, academic excellence workshops, academic counseling, personal development, career exploration, tutorial services, personal advising, scholarship and transfer assistance, professional development for faculty and staff, and business/industry involvement.
4. Wikimedia Foundation – Rapid Grants for Art+Feminism Events
  - The project application was submitted and funded during the third quarter.
  - The project leads are Ellen Caldwell, Professor of Art History, and Eva Rios-Alvarado, Student Equity & Outreach Librarian.
  - The grant award is \$1,996 over a three-month project period.

- The proposed project will raise awareness about the Art+Feminism campaign through a Wikipedia spring event series, engage college students in lessons and assignments within the disciplines of Art History and Library and Information Science, and support a growing community of Wikipedia editors at the College. This initiative will include virtual speaker panels, learning activities, and two Wikipedia edit-a-thons.
5. California Community Colleges Chancellor's Office – Direct Assessment Competency-based Education Collaborative
    - The proposed project lead is Dr. Madelyn Arballo, Associate Vice President of the School of Continuing Education.
    - The request is \$515,000 over a four-year project period.
    - The proposed project would create a comprehensive direct assessment CBE program focused on Kinesiology & Wellness and/or Sign Language/Interpreting. This collaborative would provide networking opportunities for participating colleges. The ultimate goal is to offer a flexible and adaptive modality for students to earn a degree at their own pace based solely on the demonstration of competencies
  6. National Science Foundation – Improving Undergraduate STEM Education, Hispanic-Serving Institutions Program: Bridges Institutions to Determine Gaps in Engineering Education
    - Cal Poly Pomona is the lead applicant for the proposed project. Mt. SAC is a partnering institution.
    - The proposed project leads at Mt. SAC are Eugene Mahmoud and Carolyn Robinson, Professors of Engineering.
    - The request for Mt. SAC is \$147,500 over a five-year project period.
    - The proposed 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. This will include co-curricular activities for prospective Cal Poly Pomona Civil Engineering transfer students, including an admission workshop, and also will engage Mt. SAC faculty in Physics and Engineering in learning communities with Cal Poly Pomona Civil Engineering faculty.
  7. National Science Foundation – Research on Emerging Technologies for Teaching and Learning: Scalable, Adaptive Learning Platform for Introductory Geoscience Classes
    - North Carolina State University is the lead applicant for the proposed project. Mt. SAC is a partnering institution, along with California State University, Chico.
    - The proposed project leads at Mt. SAC are Dr. David Mrofka and Rebecca Walker, Professors of Earth Sciences.
    - The request for Mt. SAC is \$67,559 over a three-year project period.
    - The proposed project would incorporate a digital tool in specific geology and oceanography courses that utilizes dashboard data analytics, provides adaptive feedback and assessments, introduces a mobile app for in-class quizzing and for push notifications, and fosters motivation through a gamification component.

8. National Aeronautics and Space Administration – Solar System Workings

- Planetary Science Institute is the lead applicant for the proposed project. Mt. SAC is a partnering institution.
- The proposed project lead at Mt. SAC is Dr. Mark Boryta, Professor of Earth Sciences & Astronomy.
- The request for Mt. SAC is \$117,833 over a three-year project period.
- The proposed project would engage students in undergraduate research experiences. Dr. Boryta would mentor students, train them on general laboratory procedures, proper handling of and changing samples, data collection, analysis, and distribution, and report writing. At conclusion of their research experiences, students would create posters and/or other materials for reporting on their work.

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

1. Academic Senate for California Community Colleges, Open Educational Resources (OER) Initiative – This one-year project would be led by Imperial Valley College. This project would build upon OER developed by a professor at Imperial Valley College for use in 100-level survey courses in art history. Professors involved this collaborative project would provide editorial content, copy-editing and citations check, overviews/summaries and review questions for each chapter, and additional material as needed. The deadline is 4/19/2021.
2. National Aeronautics and Space Administration, Minority Serving Institutions-Led Coalitions in Support of Broadening Participation in Engineering – This three-year project would be led by Cal Poly Pomona. The project lead at Mt. SAC would be Eugene Mahmoud, Professor of Engineering. This project would include the creation, development, and sharing of curriculum related to robotics, controls, design for additive manufacturing, CubeSat development and flying CubeSats, mechatronics, and artificial intelligence/machine learning. Faculty would participate in curriculum development institutes where they will develop learning modules with Jet Propulsion Laboratory and industry partners, as well as lead joint research projects among students. The deadline is 4/23/2021.
3. U.S. Department of Education, Rethink Adult Education Challenge – 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. The deadline is 6/14/2021.

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: Field-based Professional Development for Environmental-STEM Undergraduates -- 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: Implementing 21st Century Geodesy Learning through Faculty Development and Expanded Applications of Data to Societal Issues -- 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

ACTIVE PROJECTS - FISCAL YEAR 2020-21					
Project Title and Funding Agency	Project Director and Department	Start Date	End Date	Fiscal Year Funding	Total Funding
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
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	12/31/2021	\$ 250,000	\$ 250,000

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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
Advanced Technological Education: Supporting Technicians in Engineering Programs from Underserved Populations -- National Science Foundation	E. Mahmoud Chemistry	8/1/2020	7/31/2023	\$ 1,997,781	\$ 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
LA84 Foundation/Mt. SAC Relays Youth Track & Field and Cross Country Program -- LA84 Foundation	D. Todd Kinesiology	12/1/2020	11/30/2021	\$ 300,000	\$ 300,000
Community College Basic Needs Centers -- John Burton Advocates for Youth	K. Uesugi Student Services	2/1/2021	6/30/2022	\$ 20,000	\$ 20,000
Special COVID-19 Relief Grant for Japanese Teaching Materials -- The Japan Foundation, Los Angeles	K. Tsurumi Japanese	2/24/2021	3/31/2021	\$ 1,000	\$ 1,000
Rapid Grants for Art+Feminism Events -- Wikimedia Foundation	E. Caldwell Art History	3/15/2021	6/11/2021	\$ 1,996	\$ 1,996
Benefits for Success Career and Technical Education Academy -- Seattle Jobs Initiative	D. Swingle Business	4/1/2021	4/14/2022	\$ 3,500	\$ 3,500
<b>Total</b>				<b>\$ 8,856,313</b>	<b>\$ 18,228,968</b>

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
Benefits for Success Career and Technical Education Academy -- Seattle Jobs Initiative	12/1/2020	Letter of intent	Letter of intent	N/A	N/A
Benefits for Success Career and Technical Education Academy -- Seattle Jobs Initiative	12/18/2020	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Certified Nursing Assistant Program Grant -- Arthur N. Rupe Foundation	1/8/2021	\$ 25,000	\$ 25,000	\$ 15,000	\$ 15,000
Special COVID-19 Relief Grant for Japanese Teaching Materials -- The Japan Foundation, Los Angeles	1/31/2021	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Mathematics, Engineering, Science Achievement -- California Community Colleges Chancellor's Office	2/10/2021	\$ 100,000	\$ 100,000	\$ 76,263	\$ 76,263
Rapid Grants for Art+Feminism Events -- Wikimedia Foundation	2/11/2021	\$ 1,996	\$ 1,996	\$ 1,996	\$ 1,996
Direct Assessment Competency-based Education Collaborative -- California Community Colleges Chancellor's Office	3/5/2021	\$ 128,750	\$ 515,000	Pending	Pending
Learning and Leadership -- The NEA (National Education Association) Foundation	3/19/2021	\$ 5,000	\$ 5,000	Pending	Pending
Augmentation to Deputy Sector Navigator, Los Angeles and Orange County: Health -- California Community Colleges Chancellor's Office	3/26/2021	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

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
Title III/V Designation -- U.S. Department of Education	4/5/2021	Eligibility application	Eligibility application	N/A	N/A
<b>Total</b>		<b>\$ 724,694</b>	<b>\$ 1,271,500</b>	<b>\$ 481,559</b>	<b>\$ 481,559</b>



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	Not funded	Not funded
Strengthening Community Colleges Training Grants -- U.S. Department of Labor through Rancho Santiago Community College District	10/8/2020	\$ 12,000	\$ 50,000	Not funded	Not funded
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
Solar System Workings -- National Aeronautics and Space Administration through Planetary Science Institute	11/30/2020	Letter of intent	Letter of intent	N/A	N/A
Improving Undergraduate STEM Education: Applying a Digital Tool to Support Self-regulated Learning Strategies in Introductory Geoscience Courses -- National Science Foundation with North Carolina State University	12/1/2020	\$ 20,328	\$ 67,559	Pending	Pending
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	Pending	Pending
Research on Emerging Technologies for Teaching and Learning: Scalable, Adaptive Learning Platform for Introductory Geoscience Classes -- National Science Foundation through North Carolina State University	1/25/2021	\$ 20,328	\$ 67,559	Pending	Pending
Solar System Workings -- National Aeronautics and Space Administration through Planetary Science Institute	1/29/2021	\$ 37,591	\$ 117,833	Pending	Pending
Scholarships in Science, Technology, Engineering, and Mathematics -- National Science Foundation through California State Polytechnic University, Pomona	4/7/2021	\$ 113,085	\$ 750,000	Pending	Pending
<b>Total</b>		<b>\$ 267,767</b>	<b>\$ 1,235,386</b>	<b>\$ -</b>	<b>\$ -</b>

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
Open Educational Resources Initiative -- Academic Senate for California Community Colleges through Imperial Valley College	4/19/2021	\$ 6,000	\$ 6,000	N/A	N/A
Minority Serving Institutions-Led Coalitions in Support of Broadening Participation in Engineering - National Aeronautics and Space Administration through California State Polytechnic University, Pomona	4/23/2021	\$ 50,000	\$ 150,000	N/A	N/A
Asian American and Native American Pacific Islander Serving Institutions: Arise -- U.S. Department of Education	5/24/2021*	\$ 400,000	\$ 2,000,000	N/A	N/A
Hispanic-Serving Institutions STEM and Articulation Programs - U.S. Department of Education	5/31/2021*	\$ 700,000	\$ 3,500,000	N/A	N/A
ReTHINK Adult Education Challenge -- U.S. Department of Education	6/14/2021	\$ 250,000	\$ 250,000	N/A	N/A
Nursing Education Program Support -- California Community Colleges Chancellor's Office	6/15/2021*	\$ 262,448	\$ 262,448	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
Upward Bound with La Puente and Ganesha High Schools -- U.S. Department of Education	11/28/2021*	\$ 337,478	\$ 1,612,352	N/A	N/A
<b>Total</b>		<b>\$ 2,205,926</b>	<b>\$ 8,180,800</b>	<b>\$ -</b>	<b>\$ -</b>

\*Anticipated deadline