



Grants Office Annual Report Fiscal Year 2016-17

Overview

The Grants Office's primary functions are: to assist faculty, staff, and managers in the development and submission of competitive grant applications; to assist project directors in grant start-up, management, and close-out; and to monitor grant projects to ensure compliance with funding agency guidelines and state and/or federal regulations. By the end of the fiscal year, the Grants Office was staffed by a full-time Director of Grants, a full-time Coordinator of Grants, a full-time Grants Specialist, and a full-time Administrative Specialist IV.

- The Grants Office monitored **33 active projects** for a fiscal year funding level of \$7,970,359. These grants had a total funding level of **\$21,045,592**.¹
- The Grants Office coordinated the submission of **15 new grant applications**. Of these new applications, 11 were funded, resulting in a **73.3% success rate**. The office also assisted in the development of three partner applications, two of which were funded. The total funding level of these new grants is **\$3,971,420**.
- Of the 33 active grant projects, 12 (36.4%) were federally-funded, 16 (48.5%) were state-funded, and five (15.1%) were from private or other sources of funding.
- Of the 18 new applications (lead and partner) submitted, eight (44.4%) were to federal sources, nine (50.0%) were to state sources, and one (5.6%) was to a private source of funding.

Highlights

- Mt. SAC has been awarded a **California Community Colleges (CCC) Maker Initiative** grant from the Chancellor's Office. This 30-month, \$540,000 grant is implementing a sustainable makerspace that addresses the specific interests and needs of students; initiating an inclusive network of faculty, industry, other educational partners, and students; and supporting faculty to create learning platforms and embed "making" into curriculum design, facilitate an entrepreneurial ecosystem, and foster innovation across the curriculum. The College held the ribbon-cutting and open house for the Mountie Makerspace on October 11, 2017.

- Mt. SAC has been awarded a four-year, \$1.43 million **Child Care Access Means Parents in School** grant from the U.S. Department of Education. This project provides the following while student-parents work toward attainment of a college degree: subsidized child care spaces for participating student-parents; easy access and direct support services for student-parents, including educational tutoring, educational counseling, and direct family support services; and parent engagement activities, including parent conferences, parent workshops, and volunteer activities to help parents understand their child's development and progress as well as their role in facilitating positive child growth and learning
- Mt. SAC started a new funding cycle for its **Upward Bound** grant, funded by the U.S. Department of Education. Serving La Puente High School and Ganesha High School, this five-year, \$1.46 million grant provides low-income and potential first-generation college students with instruction, services, and activities during the academic year and the summer. This comprehensive program enables underrepresented students to stay in school, graduate from high school, and successfully enter and graduate from postsecondary education.
- Mt. SAC has received its third **National Science Foundation**-funded collaborative grant in the field of geosciences. These grants, totaling \$234,675, have brought together community college, university, non-profit, and industry partners to: improve the geoscience knowledge base of undergraduate students; improve effectiveness of teaching resources and pedagogy employed by faculty teaching geodesy, geoscience, and allied sciences; expand student awareness of traditional and nontraditional geoscience careers; facilitate student development of professional networks; and develop a system for documenting and archiving student career preparation and skills acquisition.
- A \$12,000 **Health Careers Conference** mini-grant from the California Office of Statewide Health Planning and Development will offset the costs of Mt. SAC's 12th Annual Health Professions Conference. This event is the largest and most comprehensive health professions conference of its kind in the United States, targeting high school and college students who are exploring their educational and professional options in the health careers.
- Mt. SAC received \$99,520 in **Proposition 39 Clean Energy Workforce** funding from the Chancellor's Office. This grant involved the Air Conditioning and Refrigeration, Building Automation, Architecture, and Building Estimating and Inspection programs. The project: expanded the teaching of building energy science, energy efficiency, and the use of renewable energy sources through the integration of physical experimentation and hands-on learning into lecture-based pedagogy; developed a resource center; employed student interns; and developed lessons and lab projects in variable refrigerant volume systems.

- Mt. SAC **collaborated** with an array of partners on a number of grant projects and proposals, including, but not limited to, the following:
- **K-12 schools/districts:** Adelanto ESD, Alhambra USD, Baldwin Park USD, Bethel Christian School, Brevard Public Schools, Charter Oak USD, Chino Valley USD, Crossroads Christian School, Del Rosa Christian School, El Monte City SD, El Rancho USD, Hacienda La Puente USD, Harvest Christian School, Los Angeles USD, Monrovia USD, Olive Branch Christian School, Ontario Christian Middle School, Packinghouse Christian Academy, Pomona USD, Redlands USD, Riverside Christian Day School, Rowland USD, San Bernardino City USD, Tustin USD, Upland USD, Walnut Valley USD, and West Covina USD.
 - **Regional occupational programs:** East San Gabriel Valley Regional Occupational Program and Technical Center.
 - **Community colleges/districts:** American River College, Bakersfield College, Citrus College, Coast CCD, East Los Angeles College, Kirkwood Community College, Long Beach City College, Los Angeles City College, Los Angeles Trade-Technical College, Los Angeles Valley College, MiraCosta College, North Orange CCD, Pasadena City College, Pierce College, Rancho Santiago CCD, Santa Monica College, Sierra College, South Orange County CCD, and Yosemite CCD.
 - **Baccalaureate colleges/universities:** Berea College, California State Polytechnic University Pomona, California State University Fullerton, California State University Los Angeles, Carleton College, College of the Atlantic, Indiana University, University of California Irvine, University of Central Oklahoma, and University of San Francisco.
 - **Government agencies:** Los Angeles County Workforce Investment Board.
 - **Non-profit organizations and associations:** Academic Senate for California Community Colleges, American Geophysical Union, Consortium of Universities for the Advancement of Hydrologic Science, East-West Center, MAGLab, National Association of Geoscience Teachers, National Center for Inquiry and Improvement, National Ecological Observatory Network, Orange County Business Council, San Gabriel Valley Economic Partnership, and UMakeers.
 - **Business/industry:** AltaMed, Anthem CareMore, Arrowhead Regional Medical Center, Citrus Valley Health Partners, Casa Colina Hospital and Centers for Healthcare, Deezmaker, Kindred Hospital, PIH Health Hospital, Pomona Valley Hospital Medical Center, Pontech, Queen of the Valley Hospital, ROBOTIS, and UNAVCO.

¹ In addition to the grants directly monitored and/or submitted through the Grants Office, other grants exist on campus that traditionally have been independent of the Grants Office. The Grants Office has been available to the individuals administering these grants and has assisted them as requested.

ACTIVE PROJECTS - FISCAL YEAR 2016-17					
Project Title and Funding Agency	Project Director and Department	Start Date	End Date	Fiscal Year Funding	Total Funding
Nursing -- Pomona Valley Hospital Medical Center	D. Condra Nursing	7/1/2007	Ongoing	\$ 51,410	\$ 136,000
Nursing -- Citrus Valley Health Partners	D. Condra Nursing	11/1/2007	Ongoing	\$ 46,533	\$ 85,000
Asian American and Native American Pacific Islander-Serving Institutions Program -- U.S. Department of Education	A. Cuenza Student Services	10/1/2011	9/30/2016	\$ 29,299	\$ 2,256,876
Upward Bound -- U.S. Department of Education	J.Martinez Saldana Student Services	9/1/2012	8/31/2017	\$ 237,438	\$ 1,390,186
Collaborative Research: Geodesy Curriculum for the 21st Century -- National Science Foundation	R. Walker Earth Sciences	7/1/2013	1/31/2017	\$ 2,524	\$ 37,511
Title V - Developing Hispanic-Serving Institutions: Building Pathways of Persistence and Completion -- U.S. Department of Education	L. Rodriguez Instruction	10/1/2013	9/30/2018	\$ 1,030,769	\$ 3,248,423
Youth CareerConnect -- U.S. Department of Labor through East San Gabriel Valley Regional Occupational Program and Technical Center	M. Tyra Instruction	7/1/2014	6/30/2018	\$ 79,423	\$ 317,692
Advanced Technological Education: STEM Teacher Preparation Program -- National Science Foundation	I. Nejad Chemistry	9/1/2014	8/31/2017	\$ 453,056	\$ 624,668
Child Care Access Means Parents in School -- U.S. Department of Education	T. Addison Child Dev Center	10/1/2014	9/30/2018	\$ 375,000	\$ 1,500,000
Career Technical Education Enhancement Fund -- California Community Colleges Chancellor's Office through Rancho Santiago Community College District	J. Judd Tech & Health	1/1/2015	10/31/2016	\$ 231,642	\$ 1,319,841
Child Development Workforce Initiative -- Los Angeles Universal Preschool	T. Henry Child Development	7/1/2015	9/30/2016	\$ 30,278	\$ 379,510
Dorothy D. Rupe Nursing Assistant Grant -- Arthur N. Rupe Foundation	N. Meggelin CAN	7/1/2015	7/31/2016	\$ 21,658	\$ 35,000
Song-Brown Health Care Workforce Training Act RN Education Program, Capitation -- California Office of Statewide Health Planning and Development	D. Condra Nursing	7/1/2015	8/15/2017	\$ 91,077	\$ 160,000
Song-Brown Health Care Workforce Training Act RN Education Program, Special Programs -- California Office of Statewide Health Planning and Development	D. Condra Nursing	7/1/2015	8/15/2017	\$ 102,755	\$ 116,517

ACTIVE PROJECTS - FISCAL YEAR 2016-17 (continued)					
Project Title and Funding Agency	Project Director and Department	Start Date	End Date	Fiscal Year Funding	Total Funding
Student Support Services -- U.S. Department of Education	J.Martinez Saldana Student Services	9/1/2015	8/31/2020	\$ 220,000	\$ 1,100,000
Improving Undergraduate STEM Education: Pathways into Geoscience -- National Science Foundation	R. Walker Earth Sciences	9/15/2015	8/31/2018	\$ 143,986	\$ 143,986
LA84 Foundation/Mt. SAC Relays Youth Days -- LA84 Foundation	J. Jennum Kinesiology & Ath	11/19/2015	11/18/2016	\$ 46,169	\$ 85,000
Course Identification Program -- California Community Colleges Chancellor's Office	J. McGowan Instruction	2/1/2016	10/31/2016	\$ 596,489	\$ 754,378
Technical Assistance Provider for Contract Education, Renewal -- California Community Colleges Chancellor's Office	S. Sisco Continuing Ed	7/1/2016	6/30/2017	\$ 237,525	\$ 237,525
Enrollment Growth for Associate Degree Nursing Programs -- California Community Colleges Chancellor's Office	D. Condra Nursing	7/1/2016	6/30/2017	\$ 211,000	\$ 211,000
Assessment, Remediation, and Retention for Associate Degree Nursing Programs, Renewal -- California Community Colleges Chancellor's Office	D. Condra Nursing	7/1/2016	6/30/2017	\$ 57,000	\$ 57,000
Strong Workforce Initiative, Local Share -- California Community Colleges Chancellor's Office	D. Swingle Instruction	7/1/2016	12/31/2018	\$ 2,493,730	\$ 2,493,730
Community Colleges Basic Skills and Student Outcomes Transformation Program -- California Community Colleges Chancellor's Office	D. Sciore Instruction	7/1/2016	6/30/2019	\$ 312,199	\$ 1,430,590
Strong Workforce Initiative, Regional Share -- California Community Colleges Chancellor's Office	D. Swingle Instruction	7/1/2016	6/30/2020	\$ 279,176	\$ 837,529
Career Technical Education Data Unlocked Initiative -- California Community Colleges Chancellor's Office through Rancho Santiago Community College District	B. McNeice-Stallard Research & IE	7/19/2016	10/31/2017	\$ 50,000	\$ 50,000
Child Development Training Consortium -- California Department of Education through Yosemite Community College District	D. Landeros Child Development	9/1/2016	6/30/2017	\$ 10,000	\$ 10,000
Asian American and Native American Pacific Islander-Serving Institutions Program -- U.S. Department of Education	A. Cuenza Student Services	10/1/2016	9/30/2021	\$ 350,000	\$ 1,750,000

ACTIVE PROJECTS - FISCAL YEAR 2016-17 (continued)					
Project Title and Funding Agency	Project Director and Department	Start Date	End Date	Fiscal Year Funding	Total Funding
Hispanic-Serving Institutions - Science, Technology, Engineering, or Mathematics and Articulation Programs: Project RAISE (Regional Alliance in STEM Education) -- U.S. Department of Education through California State University, Fullerton	K. Hoover Natural Sciences	10/1/2016	9/30/2021	\$ 20,000	\$ 100,000
Proposition 39 Clean Energy Workforce: Architecture/Building Estimating and Inspection -- California Community Colleges Chancellor's Office through Los Angeles Trade-Technical College	I. Sardinas Architecture	11/1/2016	3/1/2017	\$ 49,700	\$ 49,700
Proposition 39 Clean Energy Workforce: Air Conditioning Refrigeration/Building Automation -- California Community Colleges Chancellor's Office through Los Angeles Trade-Technical College	D. Soares Air Conditioning	11/1/2016	3/1/2017	\$ 49,820	\$ 49,820
California Community Colleges (CCC) Maker Mini-Grant -- California Community Colleges Chancellor's Office through Sierra College	M. Mason Physics	12/14/2016	6/30/2017	\$ 40,000	\$ 40,000
Undergraduate International Studies and Foreign Language Program -- U.S. Department of Education through East-West Center	A. Frickert History	1/1/2017	9/30/2019	\$ 8,703	\$ 26,110
Health Careers Conference Mini-grant -- California Office of Statewide Health Planning and Development	C. Rexach Biology	6/26/2017	6/25/2018	\$ 12,000	\$ 12,000
Total				\$ 7,970,359	\$ 21,045,592

NEW APPLICATIONS / PROPOSALS / CONTRACTS - FISCAL YEAR 2016-17					
Project Title and Funding Agency	Date Submitted	First Year Request	Total Request	First Year Funding	Total Funding
Child Development Training Consortium -- California Department of Education through Yosemite Community College District	8/1/2016	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Coordinated Leadership Development -- California Community Colleges Chancellor's Office	9/30/2016	\$ 50,000	\$ 50,000	Not funded	Not funded
Proposition 39 Clean Energy Workforce: Architecture/Building Estimating and Inspection -- California Community Colleges Chancellor's Office through Los Angeles Trade-Technical College	10/15/2016	\$ 49,700	\$ 49,700	\$ 49,700	\$ 49,700
Proposition 39 Clean Energy Workforce: Air Conditioning Refrigeration/Building Automation -- California Community Colleges Chancellor's Office through Los Angeles Trade-Technical College	10/15/2016	\$ 49,820	\$ 49,820	\$ 49,820	\$ 49,820
Awards for Innovation in Higher Education Program Planning Grant -- College Futures Foundation	11/10/2016	\$ 34,000	\$ 34,000	\$ 34,000	\$ 34,000
Upward Bound with La Puente and Ganesha High Schools -- U.S. Department of Education	11/28/2016	\$ 292,005	\$ 1,460,025	\$ 292,005	\$ 1,460,025
Upward Bound with Baldwin Park and Sierra Vista High Schools -- U.S. Department of Education	11/28/2016	\$ 257,900	\$ 1,289,500	Not funded	Not funded
Song-Brown Health Care Workforce Training Act RN Education Program, Capitation -- California Office of Statewide Health Planning and Development	12/15/2016	\$ 100,000	\$ 200,000	\$ 100,000	\$ 200,000
California Community Colleges (CCC) Maker Mini-Grant -- California Community Colleges Chancellor's Office through Sierra College	12/15/2016	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Innovation in Higher Education -- California Department of Finance	2/3/2017	\$ 1,000,000	\$ 3,000,000	Not funded	Not funded
Health Careers Conference Mini-grant -- California Office of Statewide Health Planning and Development	3/1/2017	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Hispanic-Serving Institutions Education Grants Program -- U.S. Department of Agriculture	3/20/2017	\$ 123,919	\$ 250,000	Not funded	Not funded
Supplement to Advanced Technological Education: STEM Teacher Preparation Program -- National Science Foundation	4/30/2017	\$ 105,843	\$ 105,843	\$ 105,843	\$ 105,843

NEW APPLICATIONS / PROPOSALS / CONTRACTS - FISCAL YEAR 2016-17 (continued)					
Project Title and Funding Agency	Date Submitted	First Year Request	Total Request	First Year Funding	Total Funding
California Community Colleges (CCC) Maker Implementation Grant -- California Community Colleges Chancellor's Office through Sierra College	6/17/2017	\$ 250,000	\$ 500,000	\$ 250,000	\$ 500,000
Child Care Access Means Parents in School -- U.S. Department of Education	6/22/2017	\$ 357,686	\$ 1,430,744	\$ 357,686	\$ 1,430,744
Total		\$ 2,732,873	\$ 8,481,632	\$ 1,301,054	\$ 3,892,132

NEW PARTNER APPLICATIONS / PROPOSALS / CONTRACTS - FISCAL YEAR 2016-17					
Project Title and Funding Agency	Date Submitted	First Year Request	Total Request	First Year Funding	Total Funding
Undergraduate International Studies and Foreign Language Program -- U.S. Department of Education through East-West Center	7/22/2016	\$ 8,703	\$ 26,110	\$ 8,703	\$ 26,110
America's Promise Job Driven Grant Program -- U.S. Department of Labor through Los Angeles County Workforce Development Board	8/25/2016	\$ 50,000	\$ 200,000	Not funded	Not funded
Improving Undergraduate STEM Education: Collaborative Research, Geodesy -- National Science Foundation through Indiana University	1/11/2017	\$ 17,313	\$ 53,178	\$ 17,313	\$ 53,178
Total		\$ 76,016	\$ 279,288	\$ 26,016	\$ 79,288