

ACADEMIC SENATE – GRANTS REVIEW COMMITTEE

Annual Summary Report 2015-2016

MEMBERS	
Name	College/Unit
De La Fuente, Javier	OCOB
Garcia, Tony F.	CSM
Garner, Lauren	CAFES
Neill, Dawn	CLA
Neumann, Seth	ASI
Scaramozzino, Jeanine (CH)	PCS
Siembieda, William	CAED
Smilkstein, Tina	CENG
Wendt, Dean	Admin

CHARGES	
Charge	Status/Notes
<ol style="list-style-type: none">1. Ongoing review and awarding of campus grants2. Selection of Cal Poly student delegates to the system-wide CSU Student Research Competition	The charges of the GRC will continue in the next academic year. Plus, it is important to note that the 2017 CSU Student Research Competition is to be hosted by Cal Poly May 5 and 6, 2017. The Office of Research and Economic Development's planning of the event will be supported by the GRC.

NOTES:

Committee Membership

Jeanine Scaramozzino will be stepping down as chair of the committee and Dawn Neil will be chairing 2016-2017; Tony Garcia will be stepping down from the committee after nine years of hard work. The committee thanks him for his service and commitment to the process. Todd Hagobian will be representing CSM 2016-2018. Currently there is no PCS representative for the next academic year. Dean Wendt and Debbie Hart are to be thanked for their moral, administrative, and financial support. And Allie Bakaly, Office of Research and Economic Development, continues to provide excellent "cat herding" skills to help keep the committee running smoothly.

Review and Awarding of Campus Grants

The 2016-2017 Research, Scholarly, and Creative Activities (RSCA) Grants were supported by both the Provost and the Chancellor's Office, in the amounts of \$250K and \$139K respectively. The Provost's continued financial support is greatly appreciated by all awardees.

A of total 48 applications were received. Thirty-two grants, totally \$396,652, were awarded for the 2016-2017 academic year. Awarded grants by college:

- CAFES: 4.33 grants (one application had 3 PIs from 3 different colleges); \$55,194
- CAED: 2 grants; \$24,672
- OCOB: 1 grant; \$10,087
- CENG: 4.33 grants; \$47,413
- CLA: 6 grants; \$69,171
- CSM: 14.33 grants; \$190,116

Information regarding campus grants and review criteria are available on the Office of Research and Economic Development Website: <http://research.calpoly.edu>

Selection of Cal Poly Student Delegates to the System-wide CSU Student Research Competition

A total of 24 Cal Poly students, 19 undergraduate and 5 graduate students, competed on February 5, 2016, to represent the university at the CSU wide Student Research Competition. The ten finalists were given the opportunity to attend a practice session with the GRC on April 19, 2016. It is clear from the results of the competition and the feedback from students and their advisors that these sessions are valuable. The committee will continue to offer these sessions next year. A luncheon for the finalists was sponsored by Dean Wendt to allow the students to meet before the competition and promote a sense of unity. Please see the press release below for additional details.

Cal Poly Students Succeed at Statewide Research Competition

http://www.calpolynews.calpoly.edu/news_releases/2016/May/statewide.html

Cal Poly undergraduate students garnered two first-place awards and one second-place award at the 30th annual California State University (CSU) Student Research Competition April 29-30 at CSU Bakersfield.

Each spring more than 220 students representing campuses throughout the CSU gather at one of the campuses to present the results of their original research, scholarship and creative work to panels of judges.

Finalists submitted papers and made oral presentations to juries of experts. The submissions were judged on clarity of purpose, appropriateness of methodology, interpretation of results, clear articulation of the research, and their ability to field questions from the jury and audience.

Mason DuBois, a biological sciences student from Lompoc, Calif., earned a **first-place award** for his project on the effect of oxygen availability on the ability of lizards to withstand thermal stress. The project was supervised by biological sciences faculty member Emily Taylor.

Christine Liu, industrial technology student from San Jose, Calif., **placed first** for improvements to crash-cart packaging in hospital emergency rooms. Kristen Leemon, an undergraduate student, and Daniel Tachibana, a recent graduate, also

contributed to this project. Javier de la Fuente, an industrial technology faculty member, supervised the project.

Lili Gevorkian, a biological sciences student from Glendale, Calif., worked with faculty in the College of Engineering to research recycling nutrients from biofuel wastewater for cultivation of algae and co-digestion of wastewater solid materials. The work garnered Gevorkian a **second-place award**. The project was supervised by Ruth Spierling and Braden Crowe, faculty in the Civil and Environmental Engineering Department.

Other Cal Poly projects included a study of the effect of different fiber sizes on the digestibility of feed for leopard tortoises, a chemical analysis of production methods for conjugated polyelectrolytes, a protein-based examination of the effect of fasting on baby elephant seals during weaning, and a historical study of the development of Waikiki tourism.