

Report (Spring 2010)

Academic Senate Grants Review Committee

Ken Griggs, Chair

The Academic Senate Grants Review Committee met on May 26th to review State Faculty Support Grant (SFSG) applications. The SFSG program funding had been suspended for the 2009-2010 period without advance warning from the Chancellor's Office (where funding originates). Award recommendation letters had been sent to successful applicants in Winter 2009 but a letter indicating the lack of funding had to be sent later in the year. These applicants were encouraged to re-apply during the 2010-2011 period and the main task of the committee was to determine a policy regarding the funding of completely new proposals versus those that had been submitted for a second time.

A total of thirty-seven proposals were submitted and twenty-one were selected for an award recommendation. Note that the term "award recommendation" is used since the committee does not know (a) the amount of money that can be awarded in the program for a given year, and (b) if the program will be funded at all. Roughly one third of the proposals were either identical or similar to previous proposals. The committee determined that, where feasible, faculty who had been sent an award recommendation letter in 2009-2010 would be given priority. However, consideration would be given to such aspects as the changed status of the applicant (untentured to tentured) or other funding support that had occurred in the interim. The results are summarized below-

Total funding requests – 37 for a total of \$312,275

Total awards – 21 for a total of \$140,000

Assumed WTU cost - \$1,500

Recommendation letters were sent to successful applicants from the Office of Graduate Programs and Research in late May. The awards are shown in the table below.

Currently, no indication of future funding for the SFSG program has been forthcoming from the Chancellor's Office. Absent any new information, requests for proposals will be publicized during the Fall 2010 term.

In addition, the committee met in February to review proposals for the Annual Student Research Competition. The review process was outlined in the Winter 2010 report but a press release (below) is attached showing the results of the competition.

Proposer	College	Department	Project	Minigrant	WTUs	WTU Value	Total
Borini, Vincent	CSM	Mathematics	Weingarten Foliations of Asymptotically Hyperbolic Manifolds and Rigidity		4	\$6,000	\$6,000
Fiorenza, Giancarlo	CLA	Art and Design	The Virgin and Child in Renaissance Painting and Sculpture	\$5,000		\$0	\$5,000
Furston-Timms, Benjamin	CLA	Social Sciences	Simulating a Counterfactual to Evaluate National Park Effectiveness in Jamaica	\$5,000		\$0	\$5,000
Granger, Brian	CSM	Physics	Open Source Software for Computation Atomic Physics Research	\$0	4	\$6,000	\$6,000
Hagobian, Todd	CSM	Kinesiology	Metabolic and Hormonal Responses During Pregnancy	\$0	4	\$6,000	\$6,000
Hall, Laura, and Reaves, Scott (EFU/SFSG 07-08)	CAFES	Food Science and Nutrition	Vitamin D and Insulin Sensitivity in Muscle Cells Exposed to Elevated Fatty Acids	\$5,000	2	\$3,000	\$8,000
Jasbinsek, John	CSM	Physics	Characterizing Earth's Mantle Transition Zone Beneath U.S. Array		8	\$12,000	\$12,000
Lammer, Amy	CAFES	Dairy Science	The Impact of Food Form on Gastric Breakdown, Safety, and Bacterial Binding	\$5,000		\$0	\$5,000
Lahner, Mike	CLA	Political Science	An Estimation of the California Party System Evolution under Proportional	\$0	4	\$6,000	\$6,000
Lapore, Jason, and Shafra, Aric	OCOB	Economics	Tipping the Standard in a Network Market		6	\$9,000	\$9,000
Mock, Rodney	OCOB	Accounting and Law	I.R.C. 7430 Attorney's Fees: Navigating Section 7430 and A Call for the Final Act	\$0	4	\$6,000	\$6,000
Muleta, Misgana	CENG	Civil and Environmental Engineering	Development and Testing of Model Evaluation Methods for Watershed Simulation Model		4	\$6,000	\$6,000
Nazmi, Aydin	CAFES	Food Science and Nutrition	Changes in Dietary Patterns and Eating Behavior over the First Year of College: Findings from the Cal Poly FLASH Cohort	\$4,975	3	\$4,500	\$9,475
Palandoken, Hasan	CSM	Chemistry and	Alkoxyamine Polymers: Versatile Materials for Surface Ligation Applications	\$5,000		\$0	\$5,000
Paquin, Dana	CSM	Mathematics	Applications of Multiscale Registration of Medical Images to ART		8	\$12,000	\$12,000
Ritchie, Geraldine	CAFES	Food Science and Nutrition	The Impact of PET Plastic Bottles on Wine Quality	\$5,000		\$0	\$5,000
Robins, Lori	CSM	Chemistry and Biochemistry	Synthesis and Discovery of Helicobacter Pylori Aldo-keto Reductase Inhibitors	\$5,000		\$0	\$5,000
Sherman, Morgan	CSM	Mathematics	Approximating Canonical Metrics in Complex Geometry		4	\$6,000	\$6,000
Simon, Andreas	OCOB	Accounting	Is Analyst Forecast Accuracy Random? An Analysis of the Persistence in Analysts' Earnings Forecast Accuracy		4	\$6,000	\$6,000
Torres-Bustamante, Cesar	CAED	Landscape Architecture	Icy Poles	\$5,000		\$0	\$5,000
Zambrano, Eduardo	OCOB	Economics	Stress and Economic Behavior	\$0	4	\$6,000	\$6,000
				\$44,975		\$94,500	\$139,475

State Faculty Support Grant Awards for 2010-2011

Press release describing the CalPoly entries in the annual CSU Student Research Competition

May 6, 2010

FOR IMMEDIATE RELEASE

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Cal Poly Students Succeed at Statewide Competition

SAN LUIS OBISPO -- Cal Poly had four winners among its ten entries at the 24th Annual California State University Student Research Competition, held on April 30 and May 1 at San Jose State University.

The three first-prize winners and one second-prize winner were among approximately 205 students from 21 campuses who took part in this year's competition. The students' research and creative work was judged by panels of experts.

Cal Poly entries covered a wide range of topics, from gender bias in online role-playing games, to mathematical analysis of ocean currents and the use of computing techniques to evaluate the impact of news articles and sources on the price of individual stocks.

Elise Bartley, an undergraduate student in art and design from Colorado Springs, Colorado, was awarded first place in the creative arts and design category for her development of an identity, branding, and marketing program for a women's outdoor equipment company in Colorado.

Biological sciences graduate student Sarah Johnson, from Santa Rosa, took first place in the biological and agricultural sciences graduate division for her research study using proteomics to characterize the physiological response of fish exposed to the emerging environmental contaminant nonylphenol.

Kimberly Paterson, an English undergraduate student from Thousand Oaks, received a second-place award in the humanities and letters undergraduate category for her critical discourse analysis on the gender issues that discourage participation of females in massively multiplayer online role-playing games.

Simeon Trieu, an electrical engineering graduate student from San Jose, was awarded first place in the engineering and computer science graduate division for his research study on methods to maximize the efficiency of gallium nitride light-emitting diodes (LEDs).

Also representing Cal Poly were computer science undergraduate students Jason Anderson, Dominic Camargo, Ben Davini, and Brian Oppenheim; mathematics undergraduate students Dana Duke, Joseph "JP" Horton, and Paul Sinz; chemistry undergraduate student Kelli Farber; soil science graduate student D. Cameron Ripley; history graduate student Daniel Slusser; and mechanical engineering undergraduate student Andrew Sommer.

All participants were first nominated by their respective colleges, and then selected in a preliminary competition at Cal Poly. Final competitors submitted written papers and made oral presentations to juries of experts.