

ACADEMIC SENATE – Grants Review Committee

Winter 2021

Due: Friday, March 19, 2021

MEMBERS	
Name	College/Unit
de la Fuente, Javier (CH)	OCOB
Kelley, Julia	ASI
Lehr, Jane	Admin
Lester, Sarah	PCS
Main, Kelly	CAED
Manjarin, Rodrigo	CAFES
Moss, Robb	CENG
Neill, Dawn	CLA
Zhang, Shanju	CSM

CHARGES		
Charge	Complete?	Status/Notes
Review of RSCA grant proposals. Ongoing	<input type="checkbox"/>	Ongoing
Review and select student delegates for the CSU Student Research Competition. Ongoing	<input checked="" type="checkbox"/>	Complete

NOTES:

- Committee members met on Friday, February 14th, 2021, from 10:00 am to 12:00 pm and from 4 pm to 6:00 pm, and on Saturday, February 15th, from 8:00 am to 5:30 pm to review 46 student presentations.
- Ten projects were chosen to represent Cal Poly at the 35th Annual CSU Student Research Competition at Cal Poly Pomona, to be held online on April 30th and May 1st. Two additional projects were chosen as alternates in the event that one or more of the ten selected projects cannot go forward.

Finalists to represent Cal Poly at the 35th Annual CSU Student Research Competition at Cal Poly Pomona

Student Name	Level	Cat.*	Title
Dana Michels	GR	BAS	Amino Acid Analog Induces Stress Response in Marine <i>Synechococcus</i>
Jack Keefer	GR	BSS	Social Media Use, Body Image, and Mood Disorders in High School Students
Isabella Abelgas	UG	BEPA	The Impact of Export Crops on Developing Countries
Eric Cuellar Ahmed Osman	UG	Educ	Exploring Engineering Faculty Beliefs and Practices on Student Evaluation and Pedagogy
Vasanth Sadhasivan	UG	ECS	PolyCrypto: A Polynomial-based Architecture for Post-Quantum Secure Cryptographic Schemes
Andy Wu	UG	ECS	Autonomous Instrument for Aircraft Acoustic Measurements
Alyssa McCulloch	UG	HNCS	Endothelialized Silicone Aneurysm Model for In Vitro Evaluation of Neurovascular Devices
Ricardo Lasa	GR	HNCS	Development of A Robust Methodology To Obtain And Assess Myogenic Precursor Cells For Their Use In Regenerative Therapies
Anika Maney	UG	HL	I Don't Care for G.O.B.: Effects of Social Aggressions on Viewers in Arrested Development
Nathaniel Andre	UG	Inter	Corn Futures Trading with Deep Learning and Satellite Imagery

Alternates to represent Cal Poly at the 35th Annual CSU Student Research Competition at Cal Poly Pomona

Student Name	Level	Cat.*	Title
Kyle Chang Colleen Lau	UG	ECS	Study of Low-cost FSO Communication Link Performance with Fog Mitigation
Jenny Lee Ana Martinez Yesenia Marquez-Beas	UG	BSS	Factors Predicting First-Generation College Student Success

*Categories:

- BAS = Biological and Agricultural Sciences
- BSS = Behavioral and Social Sciences
- BEPA = Business, Economics, and Public Administration
- CAD = Creative Arts and Design
- ECS = Engineering and Computer Science
- Educ = Education
- HNCS = Health, Nutrition and Clinical Sciences
- HL = Humanities and Letters
- PMS = Physical and Mathematical Sciences
- Inter = Interdisciplinary