

ACADEMIC SENATE – GRANTS REVIEW COMMITTEE

Winter 2019

Due: Friday, March 29, 2019

MEMBERS	
Name	College/Unit
De La Fuente, Javier	OCOB
Greve, Adrienne	CAED
Griffin, Lanny	CENG
Kitts, Chris	Admin
Lester, Sarah	PCS
Nazmi, Aydin	CAFES
Neill, Dawn (CH)	CLA
White, Crow	CSM
VACANT	ASI

CHARGES		
Charge	Complete?	Status/Notes
Internal Student Research Competition	<input checked="" type="checkbox"/>	On February 23, 2019 from 8:30-5, the GRC met for student presentations. Ten students were chosen to represent Cal Poly at the CSU-wide student research competition, which will be held at Cal State Fullerton April 26 – 27 th .

NOTES:

Cal poly student research representatives:

2019 CSU Fullerton Student Research Competition - Finalists Cal Poly, San Luis Obispo				
	Name	Title	Level	Cat.*
1	Emma Weitzner	The Development of Diving Capabilities in Weddell Seal (<i>Leptonychotes weddellii</i>) Pups throughout Ontogeny	GR	BAS
2	Joel Timothy Leonard	Evaluation of Pheromone Mating Disruption for California Red Scale in Commercial Citrus	GR	BAS
3	Jonathon Sather	Viewpoint Optimization for Autonomous Strawberry Harvesting with Deep Reinforcement Learning	GR	Inter
4	Simone Bernsten, Kaitlin Hartung	Arylcyclopropanes: Structure-Reactivity Studies of Preparation and Ring Opening	UG	PMS
5	Victoria Smith	Western Diet-induced Dysbiosis (is) associated with Hyperplasia and Upregulation of FXR pathway in Colon of Juvenile Iberian Pigs	GR	HNCS
6	Thomas Nhu, Paul Maier	Inglorious Baskers: Comparative Thermoregulative Behavior of Coastal and Inland Populations of Pacific Rattlesnakes	UG	BAS

7	Kolton Yager	Underwater Photogrammetry Reconstruction: Pipeline and Texturing Enhancements for videos captured via AUV	UG	ECS
8	Journey McDowell	Benchmarking Reinforcement Learning Against Modern Controls for Autonomously Reversing a Tractor with Different Trailer Lengths	GR	ECS
9	Christopher Hatch	Characterization of Vascular Tone Pathways Following Arteriogenesis	UG	HNCS
10	Torrey Sanseverino	Utilizing Mixed Methods for Development: Engineering Water Projects	UG	BSS

*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