



MEMORANDUM

4/24/2020

TO: Mechanical Engineering Department Faculty
FROM: Charles Birdsong, Director, Donald E. Bently Center for Engineering Innovation
COPIES: Amy Fleischer, Dean, College of Engineering
Robert Crocket, Associate Dean for Innovation Infrastructure, College of Engineering and
Jim Widmann, Chair, Mechanical Engineering Department
SUBJECT: Summary of Donald E. Bently Center for Engineering Innovation Awards for the 2020-2021 Award Cycle

The Bently Review Committee met and was successful at reaching a consensus on all funding decisions. The review committee funded 51 out of 69 requested WTUs. Five proposals were funded fully, three proposals were partially funded, and one proposal was not funded. Some funds were reserved for next year considering the economic uncertainty and possibility of a lower payout in the coming year.

The awards for the 2020-2021 cycle are listed below including the PI names, proposal titles, and number of WTUs awarded.

PI	Proposal Title	WTUs Awarded
Jacques Belanger	Development of a Renewable Energy Laboratory for Research and Education	12
Andrew Davol	Single-Axis Tracking Optimization for Photovoltaic Arrays on Skewed Topography	8
Andrew Kean	DOE National Renewable Energy Laboratory Collegiate Wind Competition Advising	3
Steve Klisch	Bridge Funding: Renewing External Support for Cal Poly's Human Motion Biomechanics Lab	8
Patrick Lemieux	A Heat Transfer Forcing Function for El Niño	6
Benjamin Lutz	Exploring Engineering Industry Culture and the Experiences of Recent Engineering Graduates	6
Sthanu Mahadev	Design and Development of a Novel Lever-lock Plunge System Mechanism in Neurological Surgery Drills	6
	Total	51