

# The BRAE Weekly

December 2, 2014



## BRAE 141



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# Student Opportunities

To All Undergrads,

The Cal Poly Water and Energy Sustainability Training Team (WESTT) is currently accepting applications for their Winter 2015 research program. This is an incredible opportunity to be a part of cutting edge research related to water and wastewater treatment, algae production, algae biofuels, and anaerobic digestion. For more information about this program and our goals visit our (<https://plus.google.com/103628358936732197948/about>).



Besides improving your resume and learning valuable analytical and laboratory techniques, 400 level units are available. Many of the skills learned during this program are usually associated with graduate level research and will give you a head start in the field upon graduation.

If you are interested in applying for this program during the Winter 2015 quarter fill out the application ([https://docs.google.com/forms/d/1KQsnhXwOuh8UhGpmI4CxIlgkncNeQCTCMDn9Z\\_BeLH0/viewform](https://docs.google.com/forms/d/1KQsnhXwOuh8UhGpmI4CxIlgkncNeQCTCMDn9Z_BeLH0/viewform)). Please submit your application no later than **December 9, 2014**.

Best Regards,  
Your Cal Poly Water and Energy Sustainability Training Team  
Dr. Tryg Lundquist, Dr. Corinne Lehr and Shelley Blackwell

#### Contact Information:

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# Faculty Highlight



## Gary Weisenberger

Have you met this hard-working, passionate, hilarious professor? Well, you need to. Students describe Gary as being a car enthusiast and someone they know who will always look out for them. Gary first came to Cal Poly right after high school. He graduated from Cal Poly in the spring of 1973 and began teaching that fall. He taught full time until the spring of 1984 when he started his own engineering, welding and machining business. Luckily, Cal Poly got Gary back in 1995 and he has been here since.

Over the course of the years, Gary has taught 32 different courses. You heard that right. 32 different courses! He has taught not only in the BRAE department but also in the College of Engineering. His expertise is in mechanical systems which include fabrication, power and machinery, welding, closed circuit hydraulics, and design.

Something that Gary is very passionate about is being involved in clubs. Over his time here at Cal Poly, he has been an advisor to five different clubs. These clubs include: Poly Goats, SMB, AES, Tractor Pull Club, and Instructionally Related Activities, which included the Rose Float and Tractor Pull Team. Over ten years ago, Gary's 344 class designed and built a modular chassis for the current Cal Poly Rose Float entry. Currently, he is an advisor for AES and the Tractor Pull Club.

"When I was at school, I realized you get just as much education outside of the classroom as you do inside the classroom. Being a part of outside activities and clubs are key. You have to learn to work together and you can grow from there," states Gary.

In his spare time, he enjoys hoarding tools and owning many different vehicles. One of his pride possessions is his 1969 Shelby Cobra. There were only 547 models of the car made. Outside of school, when he has time, Gary enjoys working on old cars, being involved in motor sports, designing and building all sorts of things, and hunting. If you get a chance, make sure to go say hello to this involved and innovative professor!

# BRAE 129



Forklift Training  
Photos Courtesy of  
Michael  
Burlingame



# BRAE 471– Solar Lab



Photos from BRAE 471 Solar Lab Field trip to Broken Earth Winery in Paso Robles Nov 14. Winery is nearly energy self-sufficient with both fixed and tracking 300 kW solar arrays, and a large roof-top solar thermal system for wine-making process heat needs.



Don't forget to like our Facebook Page!

Search for:

## Cal Poly BioResource and Agricultural Engineering Department

This is where we will be posting pictures and updates on what is going on in the department!



# got pictures?

Send us your pictures from BRAE events  
or classes.

Email to: [amoores21@calpoly.edu](mailto:amoores21@calpoly.edu)



# MONTH of December

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 TODAY  Tractor Pull Meeting 7pm 8-122  CAFES Student Council Meeting	3	4  AES BBQ	5  Teacher Evaluations Due	6
7	8  Start of Finals Week	9	10	11	12	13  Christmas Break

Any Questions?

Feel free to contact me!

Alyssa Moore

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