Week 4- January 27, 2015

Busy times are ahead but don’t forget to check out events that are coming up. Also, make sure to read the bio on our new Professor, Dr. Liu. Congratulations to AES for winning 2nd place at Winter Sports Day!

Chase Ulrich, Arturo Barajas, and Jiggs Briggs stand beside Mustang Fever.
American Society of Agricultural and Biological Engineers  
California-Nevada Section  
www.asabecanv.org

ANNUAL MEETING

Date: Wednesday – February 11th, 2015 (during the World Ag Expo)
Time: 5:00 p.m. – 8:30 p.m.
Location: Southern California Edison’s Energy Education Center - Tulare  
4175 South Laspina (across from the World Ag Expo)  
Tulare, California 93274
Ticket Cost: $35 for members/guests, $12 for students

AGENDA

5:00 PM  Poster Competition and Reception
6:00 PM  Dinner
6:30 PM  Business Meeting
7:00 PM  Featured Speaker: California AgrAbility:
Finding Solutions for California Agricultural Communities  
Presented by Prof. Fadi Fattallah, Ph.D., Bio & Ag Engineering, UC Davis;  
Maria Ceja and Esmerelda Mandujano, CalAgrAbility Outreach Representatives, UC Davis

8:10 PM  Closing Comments
8:15 PM  Adjourn

STUDENT POSTER COMPETITION

Poster presentations will be part of the meeting again this year. This has been a great opportunity to see student projects. We will be awarding prizes for first place ($250) and second place ($100) in both the undergraduate and graduate student categories. Winners must be present to receive their award. Please limit your tri-fold poster size to 36”Hx48”W or flat posters to 34”Hx44”W. Tables will be available. If your poster requires an easel, or backing for stability, please provide it.

Thank you to our student dinner sponsors. If you would like to become a student sponsor, please contact Andy Holtz at (805) 756-2385 or aholtz@calpoly.edu.

Please RSVP to Traeger Cotten (contact info below) by mail or email no later than February 4th. Please make checks payable to “ASABE CA/NV Section”. Payment will also be accepted at the door.

Traeger Cotten  
2425 South Blackstone Street  
Tulare, CA 93274  
Mobile: (559) 331-9715  
Email: traeger.cotten@scs.com

Dinner: “Mexican Fiesta” includes Chili Colorado, Chicken Oregatino, Green Salad, Refried Beans, Spanish Rice, Tortillas, Salsa, Dessert, and Beverages.
2015 USBR MPR Water Users Conference Scholarship Awarded

For the 4th straight year, the USBR MPR Water Users Conference has funded a $4,500 scholarship for students from the Cal Poly BioResource and Agricultural Engineering Department. On January 23, 2015 in Reno, Nevada, the BRAE Department recipients were recognized for their academic achievements.

Lily Muir and Dylan Soares at the Water Users Conference in Reno, NV

BRAE students, Dr. Styles, and USBR staff following the award presentation
In 2018, the WUC Planning Committee voted to establish the Mid Pacific Region Water Users' Conference Scholarship. The scholarship is available to students pursuing fields of study offered by the BRAE (BioResearch and Agricultural Engineering) and ITRC (Irrigation Training and Research Center) departments at Cal Poly San Luis Obispo. A $2,500 scholarship will be awarded each year to a 2nd year student. The recipient of the scholarship is eligible to receive subsequent $1,000 scholarships for 2 consecutive years provided they maintain a 3.0 GPA. The Cal Poly ITRC staff, led by Dr. Stuart Styles, selects each year’s scholarship recipient from the annual BRAE applicant pool. Selections are based on GPA, leadership, and merit.

MEET THE SCHOLARSHIP STUDENTS AT THE FRIDAY BREAKFAST!

CURRENT SCHOLARSHIP RECIPIENTS:

Dylan Soares. Dylan Soares is in his second year in the Bio-Resource and Agricultural Engineering Program at Cal Poly carrying a 3.7 GPA. Growing up in an agricultural family in California's San Joaquin Valley, he learned first-hand how critical water supply and irrigation is for our region and our state. He wants to be a part of the effort to protect, improve, and expand irrigation for crops within the Central Valley. Upon graduation and passing the Engineer in Training exam, his goal is to work or intern in either civil engineering or water resources. At the same time, he hopes to attend law school to be able to become proficient in water law. After graduating law school, and passing the BAR and Professional Engineering exam, he plans to practice water law. This is his vision...to fight for the water rights in the Central Valley utilizing values instilled in his upbringing, supported by legal and engineering training.

Lillian Muir. Lillian Muir, a second year BioResource and Agricultural Engineering student at Cal Poly, was awarded the scholarship in Spring 2014. She maintains a GPA of 3.87, while remaining involved in Cal Poly's Agricultural Engineering Society. Lily spent the Summer of 2014 working for the City of Beverly Hills in the Public Works department; she worked on a wide range of projects, but was primarily involved with the Water Department and distribution. As only a second year student, Lily is still exploring the field of engineering to find her passion, and is currently planning on attending graduate school upon graduation.

Jacob Hyman. Jacob Hyman is a fourth year BioResource and Agricultural Engineering student with a Spanish minor. He maintains a 3.9 cumulative GPA and, when not studying, Jacob spends his time rock climbing, car camping or backpacking. He is very involved with Poly Escapes as well as his church. Jacob has spent his summers as a firefighter for the U.S. Forest Service and as an engineering intern working on hydraulic modeling and fish passage engineering. After graduation he plans to attend graduate school for hydraulic engineering and work either domestically or internationally in the agriculture industry.
Safer Winter Quarter 2015

January

21 Let's Talk Sex: Sex & Religion
   Wednesday 6-8pm Safer Office UU217

February

05 Stalking Awareness
   Thursday 11am-12pm Safer Office UU217
06 Greeks Against Sexual Assault
   Every Friday 11am-1pm 02-213
11 Let's Talk Sex: Pros & Cons of Casual Sex
   Wednesday 6-8pm Safer Office UU217
12 Valentine Grams
   Thursday & Friday 11am-12pm UU Plaza
13

March

04 Women's Day: Sexual Assault Around the World
   Wednesday 10am-12pm UU Plaza & 2-4pm Dexter Lawn

22 Human Trafficking: Modern-Day Slavery Panel
   Thursday 6-8pm 03-112
28 Three C's to Healthy Sexuality
   Wednesday 12-1pm UU220

06 Manifest Photo Project
   February 16-March 2nd on 2nd floor of Kennedy Library
16 It's On Us Bystander Intervention
   Wednesday 4-6pm 65-204
18 Sexism in Geek Culture
   Monday 11am-12pm Safer Office UU217
19 Impact of Sexual Violence on the Black Community
   Monday 11am-12pm Safer Office UU217

04 Hyper-Masculinity & Sports
   Wednesday 11am-12pm Safer Office UU217
04 Let's Talk Sex: Sex Toys & Masturbation
   Wednesday 6-8pm Safer Office UU217

Cal Poly
Dean of Students Office Safer

safer@calpoly.edu
@CalPolySafer
(805) 756-2282
@CalPolySafer
This may only be Dr. Liu’s second quarter teaching at Cal Poly, but believe me, he knows his stuff. After completing his undergraduate work in China, Dr. Liu received his Masters and Ph. D at University of Missouri. His Master’s degree is in Mechanical Engineering and his Ph. D is in Biological Engineering. To top it off, Dr. Liu is fluent in Mandarin, Japanese and English! Dr. Liu came to Cal Poly right after graduating. He chose to work at Cal Poly because of our famous philosophy of Learn by Doing. He believes in the importance of applying knowledge to real world problems. We are so fortunate to have such a qualified teacher in our department.

Dr. Liu teaches BRAE 216, BRAE 324, BRAE 328 and BRAE 425. His courses are in the areas of Fundamentals of Electricity, Measurements and Computer Interfacing. His research interests include power ultrasonics, mechatronics, sensors and instrumentation, and agricultural safety. He is the faculty advisor for the ASABE Robotics Club and Institute of Electrical and Electronics Engineers. In his free time, Dr. Liu enjoys fishing and traveling. He thinks that some of the coolest places he has visited are deserts in China. Make sure to stop by his office and introduce yourself if you haven’t already! His office hours are M/W from 8-9:30am and T/R 8-9am.

Written by: Cristina Kinslow
January AES Meeting
BRAE 302– Servo Hydraulics
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