Welcome to week 5! This newsletter features an article on Dr. Schwartz, student opportunities, and BRAE events. Good luck with midterms and don’t forget there is a Tractor Pull meeting tonight and an AES meeting tomorrow.
Student Opportunities

Tutoring is available!

The Student Success Center (192-133) will be offering tutoring for ME 211, ME 212, ME 302, CE 204, & CE 207 Monday- Thursday from 4:10pm-8pm

Ag Expo and the ASABE Regional meeting
2/11/15

If you are attending these events please come by the office and sign up by Friday!
HCL Machine Works is a privately owned company that has been in business since 1947. HCL has a reputation for building rugged and dependable equipment and for and for increasing the durability of other’s equipment brought to us for repair. We are a job shop, a retail outlet for shop supplies, a wholesale outlet for products and a manufacture of agricultural products.

HCL Machine Works is currently looking for an Agricultural Engineer/BRAE/ASM to add to our staff.

EDUCATION: Degree in either:
- BRAE
- ASM

DUTIES: Meet with customers and successfully solve their farm/shop needs:
- Analyze problems
- Devise a plan to accomplish the customer’s goals
- Create auto-cad or hand drawn plans that are shop ready for the shop crew to use
- Purchase parts, supplies and components for projects from appropriate vendors at an effective price
- Analyze completed projects for quality & cost accountability
- Fill-in as shop supervisor on an as needed basis
- Order shop supplies and stock materials
- Assist customers on phone with questions and orders
- Oversee materials flow and labor to keep HCL’s manufacturing projects moving forward
- Occasional work as HCL representative at trade shows or sales meetings
- Professional letter writing & answering e-mail requests for information
- Manage multiple projects simultaneously
- Job estimating
- Keep files on recurring projects

CONTACT: Sherrill Campbell
- 209/509.9566
- 209/392.6103
- sherrill@unwiredbb.com or casey@unwiredbb.com

www.hclmachineworks.com  www.compostturners.com  email: sales@hclmachineworks.com
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 Fatallah, 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@sce.com

Dinner: “Mexican Fiesta” includes Chili Colorado, Chicken Oregatino, Green Salad, Refried Beans, Spanish Rice, Tortillas, Salsa, Dessert, and Beverages.
AES 5th General Meeting

Wednesday, February 4th

New Meeting Location!!

Now in BRAE Lab 1!!!

Meeting at 6:00pm

Featuring:

- Guest Speaker:
  BRAE Dept Head - Dr. Art MacCarley

- Pork Loin Dinner!

- Engineering Marvel of the Month
  - Most Powerful Engine Ever Built!
Faculty Highlight: Dr. Gregory Schwartz

Meet a fellow Mustang, Greg Schwartz. Dr. Schwartz graduated in 1995 from the BRAE department, though at the time it was simply called Agricultural Engineering. He then went on to get his Masters and Ph.D. from Clemson University in Bio Systems Engineering. After finishing both of his degrees, Dr. Schwartz began working for an Aquaculture company, in Mecca, CA, called Kent SeaTech. He worked there for 11 years before coming across the opportunity to return to his Alma Matter, Cal Poly.

Dr. Schwartz has now been here for two years. He claims to “still be figuring things out,” but it seems to me he has everything under control. In addition to teaching BRAE 203 and BRAE 348, Dr. Schwartz advises the Poly Ponics club, co-advises the Quarter Scale Club, and the Future Fuels Club. For those of you who may not know, Poly Ponics maintains Cal Poly's aquaponic garden and teaches students and community members about aquaponics. Aquaponics is aquaculture combined with agriculture. Make sure to check it out!

During the weekdays Dr. Schwartz gets to spend about two hours a night before bed with his 4 ½ and 6 ½ year old daughters. This is why he’s always hurrying to make it out of the office in time to catch the 5:24 bus. On the weekends Dr. Schwartz tends to spend one day here working, and one day doing whatever his wife tells him is fun.

Written by: Cristina Kinslow
BRAE 348– Energy for a Sustainable Society
# MONTH of February

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