GOOD LUCK ON YOUR FINALS!

Last Thursday was the Annual BRAE Career Fair where 30 companies came to share about their job openings and internships with our students.
Thank you to everyone that helped make this year’s BRAE Career Fair possible!

Congratulations on a successful event!
BRAE NEWS & EVENTS
Engineers Without Borders

Meetings
India: Bldg 22-211, Monday from 7-9pm
Malawi: Bldg 8-121, Monday from 7-9pm
Nicaragua: Bldg 10-223, Monday from 7-9pm
Thailand: Bldg 10-126, Monday from 7-9pm
Local Projects: Bldg 22-312, Monday from 7-9pm
IMPACT: Library 216M, Tuesday at 10am
Fundraising: Library 216M, Thursday from 5-6pm

ISLA 456: Advanced Project Based Learning in Science, Technology & Society
ISLA 456 will be offered next quarter on MWF from 12:10-2pm. The course will include project team-based activities with a focus on Climate Change, at both the local and global levels. Check out this flyer if you are interested in taking the class!

Society of Women Engineers
Volunteer to be a SWE Welcome Host
When: from 9:30 AM Thursday, April 14 to 10:15 AM Friday, April 15
Where: Bonderson 104, ATL
Volunteer to be a day host and/or overnight host for SWE Welcome during Open House weekend! SWE Welcome allows conditionally admitted female engineering students to get a feel for life as an engineering student at Cal Poly. Students have the opportunity to accompany day hosts to their classes on Thursday, April 14th and stay the night with an overnight host in a residential hall on campus. This event is an excellent opportunity to show prospective students how amazing life at Cal Poly is. Sign up now!
https://docs.google.com/forms/d/1ybnRZ-O_IQrQW2rQYZ_zvvx32n9NlkZzvKhevwgDoY/viewform

Future Fuels Club
Fridays | 10AM | Bonderson 104

Love working on engines? Interested in saving the planet? Come out to the Future Fuels Club to get your hands dirty and learn about the exciting opportunities alternative fuels has to offer. Some of our current projects include:
Biodiesel Reactor: Converts waste vegetable oil from campus dining into biodiesel which can be used on campus.
WVO Tractor: Converting a Ford 2600 tractor to run on waste vegetable oil from campus dining.
Methanol Converted Dirt bike: Converting a Honda XR 100 dirt bike to methanol while also converting from carbureted to fuel injected.
Alternative Fuel Shed: Up-keep of a fuel shed which acts as a waste vegetable oil cleaning station and houses alternative fuels including Methanol, Biodiesel, and DiMethyl Ether

Stop by at the end of your week, on Friday at 10 am in Bonderson 104, to learn about what’s to come for next quarter. We will be recapping our progress of this quarter and will be setting goals/discussing projects for next. This is a great time to get involved and see what the Future Fuels Club is all about! Any skill level and major welcome! See you there.
Hearing protection is an important part of PPE (Personal Protective Equipment). When working in shop environments, we are exposed to a wide range of noises including both sharp, high pitched sounds and continuous, long duration sounds. If reaching a certain decibel range, both types of noise can cause hearing loss. Therefore, it is recommended that some form of hearing protection be used when exposed to either type.

**What is dangerous?** Hearing protection is recommended for 85 decibels and above, while a normal conversation falls in the 70-75 decibel range. Unprotected noise exposure of any duration above 115 decibals can be harmful. A chainsaw and oxygen torch both fall within this range. Noises above 160 decibals are considered to cause immediate physical damage, this includes shotgun and rifle fire.

**What to use?** There are many forms of hearing protection available, from foam earplugs to earmuffs and even custom-fit molded earplugs. It is recommended that you acquire your own personal hearing protection that best fits your needs. However, earplugs are available for student use and are located in Lab 7 next to the hallway to the lockers.

Available for student use.
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<td>Open House Meeting at 7 am in 10-206 AES General Meeting Lab 1 - 6pm</td>
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<td>Easter</td>
<td>Spring Quarter</td>
<td>Club Officer Meeting 6pm 8-122</td>
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<td>Cesar Chavez Day No School</td>
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**Spring Break**
February 15, 2016

Dear Cal poly Ag Department,

The San Luis Obispo County CattleWomen Association is pleased to announce their annual scholarship program for High School Seniors, Cuesta College students, and Cal Poly State University Agriculture students. Our organization is committed to education and assistance to further the pursuits of our young people, both men and women that plan to seek careers in an agriculture related field.

Enclosed is a scholarship application, please make copies and distribute to any students you feel would be interested. Thank you for your cooperation in the distribution of this scholarship application. If you have any questions you may email us at dhlundy@hotmail.com.

Also enclosed is the application for The California CattleWomen Heritage Foundation Scholarship. We encourage eligible students to apply for both scholarships. Please copy and distribute to any students you feel might be interested and are qualified for this scholarship. Completed scholarships with GPA documentation and letters of recommendation (if applicable) should be mailed to:

Dana Lundy
SLO County CCW Scholarship
836 Pocahontas Court
Paso Robles, CA 93446

Please note both scholarship applications are due by April 1st, 2016.

Sincerely,

Dana Lundy
Julie Diffenbaugh

Dana Lundy
Julie Diffenbaugh
Scholarship Directors
San Luis Obispo County CattleWomen
STUDENT OPPORTUNITIES

EIT/FE review sessions

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*Easter Sunday*  *Week 1*

*Signups*
Kennedy Library
Courtyard
11 AM – 1 PM

*Week 2*

*Signups*
Kennedy Library
Courtyard
11 AM – 1 PM

*Week 3*

*Signups*
Kennedy Library
Courtyard
11 AM – 1 PM

*Week 4*

*Signups*
Kennedy Library
Courtyard
11 AM – 1 PM

*Week 5*

*Signups*
Kennedy Library
Courtyard
11 AM – 1 PM

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**Week 4**

11
Mechanics of Materials
Dr. Eric Kasper
8-10 pm
Bd 192 Rm 0106

12
Dynamics
Dr. Brian Self
8-10 pm
Bd 192 Rm 0106

13
Mathematics
Dr. Caixing Gu
8-10 pm
Bd 192 Rm 0106

14
Materials Science
Prof. Trevor Harding
8-10 pm
Bd 192 Rm 0106

15

16
Chemistry
Dr. Ashley McDonald
1-3 pm
Bd 008 Rm 0123

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**Week 5**

18
Engineering Economics
Prof. Karen Bangs
8-10 pm
Bd 192 Rm 0106

19
Fluid Mechanics
Dr. Kim Shollenberger
8-10 pm
Bd 192 Rm 0106

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Email cpeitreview@gmail.com for more information
Pathways Internship & Recent Graduates Positions

There are set to be available in usa jobs on March 8th and will close March 14th.

Here is the direct link to the Pathways Program information: http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/careers/student/

<table>
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<th>Recent Graduate</th>
<th>RG Civil/Ag Engineer - 0810/0890</th>
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<td>Range Management - 0499</td>
<td>Eureka</td>
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<td>Intern</td>
<td>Civil/Ag Engineer - 0899</td>
<td>Oroville</td>
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<tr>
<td>Intern</td>
<td>Soil Conservationist - 0499</td>
<td>Willows</td>
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<td>Intern</td>
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<td>Salinas</td>
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<tr>
<td>Intern</td>
<td>Civil/Ag Engineer - 0899</td>
<td>Fresno</td>
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<td>Intern</td>
<td>Biologist - 0499</td>
<td>Hanford</td>
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<tr>
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<td>Placerville</td>
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<tr>
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<td>Bakersfield</td>
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<tr>
<td>Intern</td>
<td>Biologist - 0499</td>
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<tr>
<td>Intern</td>
<td>Soil Conservationist - 0499</td>
<td>Oxnard</td>
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An internship in this category can be located on our Modesto campus, however there are opportunities in San Miguel, Livingston, and Fresno as well. Most internships in this category are six months long, but there are a few that occur over a shorter duration of time. These positions are focused in engineering featuring different emphasis. Internships in this category are involved in production, operations, process development, and laboratories as a few examples. These internships are the positions for people who are majoring in engineering, or interested exploring the careers that engineering can lead to.

**Premium Business Unit Engineering Organization Internship:** Interns will learn to apply project management, procurement, document control, and construction management under the guidance of experienced project managers.

**Fresno and Livingston Winery Start-Up Engineering Internships:** Interns will be assisting in the startup of major winery expansions, gaining the opportunity to gain hands on knowledge and experience in a lab or production environment.

**Process Technology Development Internship:** Interns will assist in the development and upscale of new winery technologies.

**Engineering Internship:** Interns will be learning to work in production, distribution, and corporate decision making for the domestic and international business.

Internship Posting Links
For more information please visit https://careers.gallo.com/
Winery Start-Up Engineering Internships
Fresno & Livingston – http://tinyurl.com/StartUpEng16
Process Technology Development Internship
Modesto, Livingston and Fresno– http://tinyurl.com/ProcessTechEng16 Engineering Internship
Modesto- http://tinyurl.com/EngInternJun16
Corporate Water Initiative Internship
Modesto- http://tinyurl.com/CWIJun16
Bottling Operations Technical Internship
Modesto- http://tinyurl.com/BottOpsTechIntern16
Pilot Winery Internship
Livingston- http://tinyurl.com/PilotWinery16 Supply Chain Logistics Engineering Internship
Modesto- http://tinyurl.com/SupplyChainLogJun16 Operations Department Internship
Modesto- http://tinyurl.com/OpsDeptJun16
Premium Business Unit Internship
Healdsburg, CA & Sunnyside, WA - http://tinyurl.com/PBUEngIntern16 GVI Technical Internship
North Coast- http://tinyurl.com/CoastalTechGVI16
2016 ANNOUNCEMENT

The Louis H. and Stella Soares Outstanding Achievement Award in Agriculture

George Soares, Cal Poly distinguished alumnus and founding partner of Kahn, Soares & Conway, LLP, has deposited the sum of $3,000 with the Cal Poly Foundation to be awarded to an outstanding student completing the junior year during the 2015 – 2016 academic year. Completion of junior year means 134 or more units completed by the end of Spring 2016 quarter. This award is presented annually and the "award qualifications" read as follows:

For a student majoring in a discipline within the College of Agriculture, Food and Environmental Sciences who...

1. Plans to attend Cal Poly during at least three quarters of the 2016 - 2017 school year, and complete graduation during calendar year 2017;

2. Demonstrates strong personal character;

3. Exhibits an achievement ethic;

4. Demonstrates leadership potential through involvement in extra-curricular activities such as clubs, student government, and community endeavors; and,

5. Has maintained a cumulative grade point average that demonstrates academic achievement.

The award recipient will be announced at the annual Agricultural Leadership Recognition Dinner on Tuesday, May 10, 2016.

Application Forms: Applications will be distributed via email to all CAFES undergraduate junior-standing students. Students may also pick up an application in the Deans’ Office, Agricultural Sciences Building 11, Room 211, starting Tuesday, March 8, 2016.

Application Deadline: Friday, April 8, 2016 at 4:00 p.m. Turn in your Application Form & advise your references to send Reference Statements to the CAFES Deans’ Office Room 11-211.

Interviews: Finalists will be interviewed by the Selection Committee in time for the winner to be announced in May 2016.