WEEK 2 - APRIL 5TH, 2016

Poly Royal Truck & Tractor Pull

Come join us!

Saturday, April 16th, 2016
Starts @ 1P.M., Gates open @ 12
Engineers Without Borders

The general meeting this week will be the officer elections in the ATL (Bldg. 7) from 6-7:30pm. FREE PIZZA will be provided for members.

India: Bldg 10-231, Monday from 7-9pm
Malawi: Bldg 10-223, Monday from 7-9pm
Nicaragua: Bldg 10-220, Monday from 7-9pm
Thailand: Bldg 10-221, Monday from 7-9pm
Local Projects: Bldg 10-111, Monday from 7-9pm
IMPACT: Library 216M, Tuesday from 6-8pm
Fundraising: Library 216M, Wednesday from 12-1pm

Malawi Fundraiser: An Evening of Illusions (4/18)
Come and support the EWB Malawi team as they host Mr. Garry Carson, master illusionist from Las Vegas! Don’t miss out on this rare opportunity to experience a professional illusion show at the ATL (Bldg. 7) on Monday, April 18th. Doors open at 6:30pm and the show starts at 7pm. Tickets are $10 (which includes pizza) and can be bought from Kayla Londono here.

Prototyping/Welding with the Malawi Team
On Wednesdays from around 7-9pm the Malawi team will be prototyping in the welding lab (Bldg. 41A). If you have experience or want to learn more about their project, be sure to check it out!

Society of Women Engineers

SWE General Meeting Next Wednesday (4/6): Kaiser Permanente
When: Wednesday, April 6 from 6-7 PM
Where: Bonderson 104

Please come out and join us for our first general meeting of the quarter NEXT Wednesday 4/6 from 6-7 pm in Bonderson 104. Kaiser Permanente will be speaking about what they do as a company.

Kaiser is interested in holding interviews with SWE members - they are specifically hiring to fill computer science positions. In order to gauge interest, please send your resume to Luke Scanlon at luke.scanlon@kp.org. Please attend our meeting with Kaiser next Wednesday, kick off your spring quarter, and enjoy some free food!
Electrical Safety

It is important to understand hazards when working with electricity and electrical power equipment.

Know the dangers of electrical power equipment:

• Do not work with exposed wires!
• Watch for any damaged or exposed wires on power leads and extension cords.
• Do not use extension cords that have frays or exposed wires.
• IMMEDIATELY report any damaged electrical cords to Virgil, the shop technician, or one of the student shop technicians.
• Do not use electrical outlets with water nearby and/or on the floor.
• ALWAYS inspect power tools and equipment such as welders for damaged cords and power leads before use.
• Know the correct voltage for your equipment.
• Only use power cords and outlets that have the correct voltage rating for your equipment.

If you don’t know, ask!
# APRIL CALENDAR

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<td>Easter</td>
<td>Spring Quarter</td>
<td>Tractor Pull Meeting 7pm 8-122</td>
<td>Open House Meeting at 7 am in 10-206</td>
<td>Cesar Chavez Day</td>
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<td>Club Officer Meeting 6pm 8-122</td>
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<td>BRAE BBQ 11am</td>
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<td>Tractor Pull Meeting 7pm 8-122</td>
<td>AES General Meeting Lab 1 - 6pm</td>
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<td>Club Officer Meeting 6pm</td>
<td>Open House Meeting at 7 am in 10-206</td>
<td>BRAE BBQ 11am</td>
<td>Open House Weekend</td>
<td>Ag Pavillion 9am-3pm</td>
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<td>Tractor Pull Meeting 7pm 8-122</td>
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<td>Rodeo 6-8pm</td>
<td>Tractor Pull 1:00pm</td>
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As we approach the end of our second year as a club, the Precision Agriculture and Automation Club would like to touch upon our achievements and gather interest within the community that is the Bio Resource and Agricultural Engineering Department.

As the BRAE department has always been acknowledged for its outstanding achievements not only in Tractor Pull, but also in Quarter Scale, the PAAC hopes to create a trifecta. By creating an interest and passion for automation within the department, our club believes this goal will be achieved.

Many of our club members have little to no experience in the field of robotic, but seeing as this is a university club, you will learn by doing. There are many aspects that go into the design of our robots; if you have a preference to either design, code, wire or 3D model, we have a spot for you.

To create recognition for the Precision Agriculture and Automation club, we compete in the annual ASABE Robotics Competition. Each year schools, both national and international, gather to showcase their achievements in automation in the form of relevant agriculture problematic scenarios. The teams are tasked with creating an autonomous robot to fulfill tasks deemed plausible by industry.

In 2015, our club designed, built, and implemented a robot that autonomously read plant heights and color, collected samples, displayed findings, and met all competition parameters. As this was our first year competing in the competition, our team was ecstatic to not only be one of the only undergraduate teams, but also contend with schools such as Clemson, Texas A&M, McGill, Kansas State and teams abroad (China).

This year, the PAAC will be revisiting the competition for our second year with goals to win. With more funding and experience, we will travel with multiple teams to Orlando, Florida (all expenses covered). This is a great opportunity to build experience in the field of ag. automation and meet the industry.

Don’t Miss Out!
Tasteful Selections is a baby potato growing and packing operation based out of Bakersfield, California. We are currently looking to fill Agronomy Summer Intern Positions for our Stockton, CA and Bishop, CA locations.

Our Internship Program offers students the opportunity to practically apply the knowledge they’ve learned in the classroom while working with the farm managers and company agronomist. We offer a competitive compensation package based on experience.

All applicants should submit their resume to lindsey.tulloch@tastefulselections.com. Please place “Agronomy Internship” in the subject line.

Responsibilities:

Field Scouting:
Check potato plants in the field for insect, disease, and weed pressure and create a scouting report for each field.

Soil Moisture Monitoring:
Check the soil moisture of the field at the different points and make recommendations as to the irrigation schedule.

Sample Collection:
Collect Petiole and soil samples and participate in the result interpretations.

Quality Control:
Quality evaluations and yield monitoring test digs.

Requirements:

- Must be currently enrolled in college and working towards a degree in agronomy, agriculture or a closely related field.
- Must be eager to learn, flexible & hard working.
STUDENT OPPORTUNITIES

BRAE/ASM Peer Advisor for the 2016-2017

CAFES Peer Advisor Job Description:

The main purpose of this position is to provide general academic advising to undergraduate students within the departmental programs. Peer advisors work individually with students to help with course selection, registration procedures and academic planning. They also inform students of academic policies and procedures and provide referrals to appropriate campus departments and services. Training will be provided and is required for all newly hired peer advisors. Ideal candidates would possess the following skills and characteristics:

• Knowledge of, or ability to quickly learn, academic advising and academic policies and procedures
• Maintain knowledge of curricula, campus resources, and student issues and advise students as appropriate
• Act as an informed resource for students regarding matters related to registration, time management and study skills
• Ability to maintain complete confidentiality regarding all student, department, and university matters
• Ability to work effectively with diverse populations of students, faculty and staff
• Proven ability to communicate effectively, both verbally and in writing
• Customer service skills, including answering phone calls and replying to emails
• Excellent organizational skills, including ability to prioritize tasks
• Responsible for maintaining a clean work environment
• Professional attitude and appearance
• Possesses creative ability for projects, displays and marketing materials
• Willingness to take on new assignments and follow through with minimal supervision
• Working knowledge of Macintosh and PC computer software; including: MS Word, Excel, and Outlook

Qualifications:

1. Cal Poly cumulative GPA of at least a 2.75 and not on Academic Probation
2. Sophomore, Junior, or Senior Academic Standing
3. Currently enrolled in a minimum of 8 units at Cal Poly
4. Must be a CAFES major, preferably in Ag Business, Ag Communications, AEPS, ASM, BRAE, EESS, and WVIT, but other majors are welcome to apply.
5. Available to attend training on one Friday in May (TBA). Additional trainings may be incorporated prior to the start of fall 2016
6. You need to supply ID and your social security card (if offered the position)

Additional Information:

• Compensation: $10/hour
• Hours per Week: between 8 to 12 hours per week
• Start Date: Training Spring 2016; job duties begin Fall 2016
The J. G. Boswell Company is recruiting for an intern positions in our Oil Mill processing plant in Corcoran, CA. The J. G. Boswell Company is an agricultural producer and processor in the San Joaquin Valley of Central California.

The positions require you to pursue a:

- B.S. degree in the Agricultural sciences or
- B.S. degree in Engineering with an emphasis in Process/Industrial Engineering or
- Electrical Engineering

A Process Engineer Intern will work on several engineering projects and will become knowledgeable about the efficient and safe functioning of all processes related to production of oil and other commodities. Position could lead to eventual full time employment.

Job Locations: Corcoran, CA

Length of Internship: Early June through mid September, as school permits

Pay: $15.00 to $18.00 per hour (lower/upper division), plus housing if necessary.
The J. G. Boswell Company is recruiting for positions in our tomato processing plant in Corcoran and Buttonwillow, CA. Experience in tomatoes is a plus. The J. G. Boswell Company is an agricultural producer and processor in the San Joaquin Valley of Central California.

The positions require you to pursue a:
• B.S. degree in the Agricultural sciences or
• B.S. degree in Engineering with an emphasis in Process/Industrial Engineering or
• Electrical Engineering

A Process Engineer Intern will become knowledgeable about the efficient and safe functioning of all processes related to producing tomato paste. The processes include chemical properties of tomatoes being made into tomato paste, water systems, waste water systems, tomato waste removal, evaporation systems, flash cooling systems, & aseptic filling systems. Position could lead to eventual full time employment.

Job Locations: Buttonwillow, CA, and Corcoran, CA

Length of Internship: Early June through mid September, as school permits
Pay: $15.00 per hour (lower/upper division), plus housing if necessary.

J. G. Boswell Tomato Company

recruiting@jgboswell.com

J. G. Boswell Company provides Equal Employment Opportunities (EEO) to all applicants.
Environmental Engineering/Remediation Intern:

TRC is seeking dynamic and highly motivated interns who are interested in pursuing a career in environmental engineering or remediation. Qualified candidates will possess the following attributes:

- Strong work ethic;
- Exceptional leadership skills;
- Outstanding communication skills, both spoken and written;
- Excellent organizational/data management skills;
- Proficient in Microsoft Word and Excel;
- Ability to work both in a group and as an individual; and
- Strong interpersonal skills.

Applicants should have a strong interest in the field of environmental remediation and be working towards a degree in civil engineering, environmental engineering, chemical engineering, or geology. No preference will be awarded based on year in school (i.e., freshman, sophomore, junior). This is a paid internship position.

Internship Locations (one opening at each location):

- TRC’s Concord, CA office is located one block from the Concord BART station at One Concord Center, 2300 Clayton Road, Suite #610, Concord, California.
- TRC’s San Francisco, CA office is located 0.4 miles from the Embarcadero BART station at 505 Sansome Street, Suite #1600, San Francisco, California.

Application Instructions:

To apply for this position, please email a cover letter and your resume to Jessica Barros at jbarros@trcsolutions.com by April 11, 2016. In your cover letter, please briefly discuss your interest in environmental remediation and how knowledge of this field fits into your long term career goals. In your email transmittal, please indicate if you would like to be considered for the internship position in TRC’s Concord office, San Francisco office, or both. We look forward to hearing from you!

To learn more about TRC, please visit our website:
- http://www.trcsolutions.com
- http://www.trcsolutions.com/services/environmental-engineering-remediation
STUDENT OPPORTUNITIES

INTERN - Irrigation System Evaluator

Duration: Approximately mid-April through mid-Oct. (flexible)
Wages: $16.00/hour – 40 hours/week. No benefits.

Description of Work:
Solano Irrigation District is seeking a self-motivated individual to assist in the implementation of water efficiency programs for agricultural and landscape customers. Examples of services the intern would manage, under supervision, are on-farm irrigation evaluations and soil moisture monitoring. The intern would also assist District staff with pump efficiency tests, landscape irrigation audits and commercial water use surveys. Other related duties, as assigned.

Qualifications:
• Must be 18 years of age or older.
• Currently enrolled in a post-secondary educational program leading to an undergraduate or graduate degree and in good standing at their college or university. Students must retain their status until the end of the internship. Students may work full-time during the summer without being enrolled; however they must be returning to school and pre-registered for the next term.
• Current Valid CDL with satisfactory driving record.
• Good written and verbal communication skills required.
• Basic knowledge of irrigation system functions, either from design or field experience.
• Proficiency in Word and Excel required.
• Students studying agriculture or agricultural engineering a plus.
• Ability to speak Spanish a plus.

Questions can be directed to Paul Lum at (707) 455-4024 or lump@sidwater.org

Final Date Applications Accepted: 5:00 p.m. – April 8, 2016

Send Application to:

Solano Irrigation District
Attn: Human Resources – Intern Position
810 Vaca Valley Pkwy., Suite 201
Vacaville, CA 95688

Salary
$16.00/hour

Published
Mar 10, 2016, 09:00 AM

Closing
Apr 08, 2016, 05:00 PM