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<th>Sunday</th>
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<td>CAFES Council 5pm-6pm</td>
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<td>CAFES Research Seminar: “Exploring the Ecological Impacts of a Novel Land Use”</td>
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<td>Fall Sports Day 12-1pm Volleyball at the rec</td>
<td>Grow Crew General Meeting 1pm-2pm</td>
<td>CAFES Council 5pm-6pm</td>
<td>Quarter Scale 6pm-7pm</td>
<td>AES Barbecue BRAE Ramp</td>
<td>CAFES Research Seminar: “2018 Annual Crop Statistics for SLO County”</td>
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<td>YFNRR Meeting 5:30-6:30 @SLOFB</td>
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<td>VETERANS DAY NO CLASSES</td>
<td>CAFES Council 5pm-6pm</td>
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BRAE Student of the Week

TERESA JOB

Teresa Jobs is a Junior double majoring in ASM and Equine Science. Outside of her BRAE involvement, Teresa competes on the equestrian team, reined cow horse team, and in other association shows.

This year she is serving as the student manager for the Cal Poly Performance Horse Show. Teresa takes every opportunity to apply her major to the horse industry and is proud to be part of the BRAE family!
CALLING ALL AMATEUR PHOTOGRAPHERS !!!

If you have any pictures from BRAE events or class please share them with us!! Photos may be featured in on the Instagram, Facebook, and in the Newsletter!

Find the Weekly Newsletter in your Cal Poly email

@CalPolyBRAE
Apparel Order Form

Due to the BRAE Office by 11/08/19

Make checks payable to Cal Poly

PRICES MAY BE SUBJECT TO CHANGE AFTER EXPIRATION OF THIS ORDER FORM.

Name: ______________________________________

Email: ______________________________________

Quantity: ____________________________

Price: ____________________________

Button Down Shirt

QTY: ______x $40.00= ______

Circle One: Green / Khaki

Size: ________

Richardson 112 Trucker Hat

Heather/Black

QTY: ______x $20.00= ______

Dark Green/White

QTY: ______x $20.00= ______

Soft Shell Vest- Black

QTY: ______x $55.00= ______

Circle One: Men’s / Women’s

Size: ________

Soft Shell Jacket- Charcoal

QTY: ______x $56.00= ______

Circle One: Men’s / Women’s

Size: ________

Women’s Polo Shirt- Black/Charcoal

QTY: ______x $35.00= ______

Size: ________

Men’s Polo Shirt- Black/Charcoal

QTY: ______x $35.00= ______

Size: ________

Long Sleeve Shirt- Charcoal

QTY: ______x $24.00= ______

Size: ________

Prices may be subject to change after expiration of this order form.

Sizes:

XXL = +$2.00/item

XXXL = +$5.00/item

Apparel Order Form

ICCUING FRAAENT

Typical Office of Agriculture, Food

Bioresource & Agricultural Engineering

Cal Poly

Since 1947

Pool Richardson’s Press
COMPETE FOR THE 2019 MAC AWARD AND CASH PRIZES!

NOV 16-17, 2019
CAL POLY,
SAN LUIS OBISPO

Join us November 15th for a student mixer!

Project will consist of designing an indoor plant grow room. Students will apply HVAC design concepts to control the grow room environment while optimizing energy usage through equipment selection and using renewable energy sources to achieve NET-ZERO.

Sign up here!
CAFES Research Seminar Series

Fall Quarter 2019

Please join CAFES for our Research Seminar Series ~ Fridays this Fall
Pizza will be served!

Erhart Agriculture Bldg. 10, Room 206 12:10 - 1:00 p.m.

- Physiological Reaction to Odorants: Carmen Licon, Dept. of Food Science and Nutrition, Fresno State (09/27)
- Dairy Waste Management Research: Tryg Lundquist, Dept. of Civil and Environmental Engineering, Cal Poly, SLO (10/4)
- Food Rheology: The Scientific Smushing of Food: Helen Joyner, Dept. of Food Science and Nutrition, Univ. of Idaho (10/11)
- Water and Weather Issues for Central Coast Agriculture: Mark Battany, UC Cooperative Extension (10/18)
- Disentangling the Local and Landscape Determinants of Pests and Pesticides: Ashley Larsen, Bren School of Environmental Science and Management, UCSB (10/25)
- Exploring the Ecological Impacts of a Novel Land Use: Utility Scale Solar Fields: Seetta Sistla, NRES, Cal Poly, SLO (11/1)
  Location TBA
- 2018 Annual Crop Statistics for SLO County: Martin Settevendemie, Agricultural Commissioner, SLO County (11/8)
- Grazing Behavior and Physical Activity Influences on Metabolism and Performance: Zach McFarlane, ASCI, Cal Poly, SLO (11/22)
- Temporal Changes in the Soil Microbiome in Response to Soil Fumigants: Shashika Hewavitharana, HCS & Strawberry Center, Cal Poly, SLO (12/6)

For questions, please call Marnie Perry at 805 756 2161

CAL POLY
College of Agriculture, Food & Environmental Sciences

Here is a paid research opportunity for under representative students. We have two faculty mentor this year from our department. If possible please include in the newsletter

https://beaconmentors.calpoly.edu/faculty-research-projects#BioResource and Agricultural Engineering
San Luis Obispo County Farm Bureau Young Farmers & Ranchers is back!

Please join us on **November 7th at 5:30pm** for the San Luis Obispo County Young Farmers & Ranchers kickoff meeting at the Farm Bureau office (4875 Morabito Place in San Luis Obispo).

Have dinner on us, and network with local young professionals and agriculture students from Cuesta College and Cal Poly. We’ll talk about opportunities to get involved with YF&R at the local, state and national level that will increase your knowledge of farming and ranching policy issues, connect you with industry leaders, and prepare you for a successful career in agriculture.

Please RSVP on our Facebook event (www.facebook.com/SLOCountyFarmBureau/) event to help get a count for dinner. If you can’t make this meeting, but still want to be involved, send an email to SLO County Farm Bureau Executive Director Brent Burchett at bburchett@slofarmbureau.org YF&R will meet quarterly in 2020, with activities in between.

**About YF&R**

Young Farmers & Ranchers are active agriculturists between the ages of 18 and 35 and involved in crop production, ranching, banking, business, and other industry areas.

Founded in 1947, YF&R facilitates professional development and social networking opportunities among young farmers, ranchers and people who work in agriculture-related jobs. YF&R is an opportunity for passionate agriculturists to connect with individuals who have the same professional interests and challenges.

The Young Farmers and Ranchers Program is a committee of the California Farm Bureau Federation and the San Luis Obispo County Farm Bureau.
WHO: Cal Poly BRAE & ASM Major Concentration (all majors welcome)

WHAT: A professional club that promotes experience in industry as well as developing connections with industry professionals

WHEN: Next Meeting: November 6th, 6pm-8pm

WHERE: BRAE Lab 1

WHY: To give professional opportunities to Cal Poly students by allowing them to associate with industry professionals as well as another learning outlet to discover the variety of career paths they can take with their major

HOW: By being present and engaged, and enjoying a great BBQ!), Cal Poly Students will have access to more personalized information about their future within the Cal Poly BRAE Department as well as their career following college.

Follow @calpolyaes on Instagram and Facebook.
CAL POLY GROWCREW

**WHO:**  Cal Poly BRAE & ASM Major Concentration (all majors welcome)

**WHAT:**  Grow Crew is a club for those interested in alternative forms of agriculture including hydroponics, aquaponics, and aeroponics. Within this club members will work in the lab to care for, learn about, and enhance their knowledge and practices

**WHEN:**  General Meetings: Last Monday of the Month, Weekly Meetings: Every Thursday 11-12pm

**WHERE:**  BRAE Lab 4 (upstairs)

**WHY:**  To give hands on opportunities to Cal Poly students by allowing them work with Cal Poly’s equipment and continue discovering and improve the quality of alternate forms of farming

**HOW:**  Join by coming to any meeting, no prior knowledge or experience required, simply a desire to learn more about alternate farming practices! Meetings will tentatively be every Thursday in BRAE lab 4 from 11-12pm.
**WHO:** Cal Poly BRAE & ASM Major Concentration (all majors welcome)

**WHAT:** A club in which members get hands on experience working on projects from a technological standpoint while enjoying good company and pizza!

**WHEN:** Every Thursday 6pm-7pm

**WHERE:** BRAE

**WHY:** To give hands on opportunities to Cal Poly students by allowing them work with Cal Poly’s equipment and continue discovering and improve the quality of precision agriculture

**HOW:** Weekly meetings are happening all year. Find out about club projects, meet teammates, and learn the basics of robotics! Don't worry if you can't make weekly meetings, the Lab is frequently open during the week. Lab hours are posted by the door, and additional hours can be allocated upon request.

**CONTACT:** paac@calpoly.edu
WHO: Cal Poly BRAE & ASM Major Concentration (all majors welcome)

WHAT: The PolyBuilt team is a student run, extracurricular, academic-related organization within the BioResource and Agricultural Engineering Department. Each academic-year the team designs and builds a powerful tractor from the ground up, one-quarter the scale of a full size tractor. The objective of this tractor is to compete in the ASA- BE (American Society of Agricultural and Biological Engineers) International Quarter Scale Student Tractor Design Competition, held in Peoria, Illinois. Since our first year of competition in 2000, we have relied on contributions from the college and the community.

WHEN: Wednesday 6pm-7pm

WHERE: Upstairs Lab 4

WHY: Cal Poly’s unique learning experience is a result of its Learn by Doing mentality; the PolyBuilt Team has exemplified this methodology by giving students the opportunity to participate in design, fabrication, event coordination and leadership roles. Students that participate in the PolyBuilt Team gain valuable experience that puts them ahead of their peers when entering the professional workforce.

HOW: Attend a meeting to get involved or contact Danté Panattoni!
Internship and Employment Opportunities

ASM and BRAE students and graduates are in high demand!

Check out www.brae.calpoly.edu/students/employment for even more postings!

Career Services can help you explore career options, prepare for your internship/job search, connect with employers, and more! Please visit their website for information on the services and resources they provide.

You’re almost halfway through fall quarter! Have you taken advantage of all the resources available at Career Services yet? Our team is ready to support students of all majors and years. Be sure to check out all that Career Services has to offer...

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10/30: Applying to Federal Positions - Applications and Process with Emma Chow
Attend this workshop to learn more about applying to federal positions.

10/30: Wiss, Janney, Elstner Associates, Inc. Information Session
Attend this event to learn more about career opportunities with Wiss, Janney, Elstner Associates, Inc, an architecture and engineering firm.

10/29: Personal Statement Lab
Are you working on graduate school or fellowship applications that require personal statements or essays?
Job Title: Irrigation Engineer

Job Summary:
Laurel Ag is the premier irrigation supplier in California. We have combined the vast experience of growers, engineers, entrepreneurs and innovators to bridge the gap between the grower and irrigation innovation. The engineering staff at Laurel Ag fulfill the essential function of developing and designing solutions for our customers. They provide the technical expertise and knowledge that forms the basis for a variety of irrigation related construction projects.

Responsibilities & Duties:

- AutoCAD-IrriCAD Link drafting and design
- Irrigation system design (drip/micro, sprinkler, flood, indoor, mechanical move, etc)
- Pump station design
- Filter design
- Reservoir & open channel design
- Electrical design
- Scope of work and project phasing definitions
- Material selection and product specification
- Value engineering and cost analysis
- Occasional job site data acquisition
- Continuously strives to improve processes and performance to achieve company goals.
- Reports to VP of Design & Business Development

Skills & Qualifications:

- B.S. BioResource & Agricultural Engineering or similar degree
- Advanced skills in critical software applications, such as AutoCAD & Microsoft Office
- Great understanding of hydraulics and pipeline design
- Strong understanding of soil water relationships and soil science
- IrriCAD experience is a plus
- Expert in problem analysis and creative problem solving

Compensation & Benefits:

- $50-75K DOE
- Medical, Dental & Vision
- Retirement plan option

Contact: Curtis Lutje clutje@laurel-ag.com (661)-432-8115