


BRAE WEEKLY



Engineering Systems Management Support for Agriculture
The Weekly Newsletter for the BioResource and Agriculture Engineering Department
Week 8 ~ May 21, 2019



Tractor & Equipment
Association Scholarship
Application
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Club Announcements
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May/June Calendar



| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|-------------|---|--|-----------|---------------------------------|-------------------------------------|--|
| 19 | 20 PAAC 6-7PM 8A-4C Grow Crew Meeting 11-12 Lab 4 | 21 CAFES Council 5:10PM 08-122 Grow Crew Meeting 11-12 Lab 4 | 22 | 23 AES Barbecue BRAE Ramp | 24 | 25 AES Banquet 5pm Social Hour 6-7pm Dinner 7-9pm Awards |
| 26 | 27 Memorial Day NO CLASS | 28 MONDAY CLASS SCHEDULE CAFES Council 5:10PM 08-122 Grow Crew Meeting 11-12 Lab 4 | 29 | 30 AES Barbecue BRAE Ramp | 31 | 1 |
| 2 | 3 PAAC 6-7PM 8A-4C Grow Crew Meeting 11-12 Lab 4 | 4 CAFES Council 5:10PM 08-122 Grow Crew Meeting 11-12 Lab 4 | 5 | 6 AES Barbecue BRAE Ramp | 7 EWB Spring Banquet 7-9pm | 8 |
| 9 | 10 PAAC 6-7PM 8A-4C Grow Crew Meeting 11-12 Lab 4 | 11 CAFES Council 5:10PM 08-122 Grow Crew Meeting 11-12 Lab 4 | 12 | 13 AES Barbecue BRAE Ramp | 14 | 15 |
| FINALS WEEK | | | | | | |



WE HAVE MONEY FOR STUDENTS!!! (AZ, CA, CO, HI, NV, UT, WY)

Here is a scholarship application from Tractor and Equipment Association. All high school seniors and current students at tech schools, community, junior and four-year colleges and universities are eligible (no graduate students). Preference is given to individuals in ag mechanics, engineering and related hands-on tractor and equipment studies, although all related agriculture majors may apply. Financial need is a major component.

(See page 4 for print application)

Here is a link to the on-line application: <https://www.fweda.com/tractor-equipment/>

A NON-PROFIT ORGANIZATION

2020 Research Park Drive Ste 160 • Davis, CA 95618 • (800) 578-8850 • Sandy Fiack, Scholarship

APPLICATION FOR \$1,000 SCHOLARSHIP AWARD

All high school seniors and current students at tech schools, community, junior and four-year colleges and universities are eligible. Awards will only be granted once per individual. Please limit responses to space provided. Applications may be typed or hand-written. Application deadline is September 1st. Electronic submission preferred. FAX: 916-537-5554 (or) E-Mail: efiack@tracorell.com

Applicant Name: _____
 School Attending: _____
 Intended Degree or Major: _____
 Units Completed: _____ Units Needed To Graduate: _____ G.P.A.: _____

| Permanent Contact Information | | Temporary Contact Information | |
|-------------------------------|-------|-------------------------------|-------|
| Home Address: _____ | _____ | School Address: _____ | _____ |
| City/State/Zip: _____ | _____ | City/State/Zip: _____ | _____ |
| Home Phone: _____ | _____ | Phone: _____ | _____ |
| E-Mail: _____ | _____ | E-Mail: _____ | _____ |

Father's Profession: _____
 Mother's Profession: _____
 Parents Approx Annual Income: _____
 Your Approx Annual Income: _____

Work History (Attach a 1 Page Resume - or - Complete Below)

| | | |
|-----------------|-----------------|-------------|
| Employer: _____ | Position: _____ | Year: _____ |
| Employer: _____ | Position: _____ | Year: _____ |
| Employer: _____ | Position: _____ | Year: _____ |

List Other Scholarship Awards Received:

- 1) _____
- 2) _____
- 3) _____

List Extracurricular Activities:

- 1) _____
- 2) _____
- 3) _____

References (Name, Title & Phone Number):

- 1) _____
- 2) _____
- 3) _____

What are your plans after graduation? _____

How would you use the scholarship? _____

Why should you receive the scholarship? _____

Applicant Signature: _____ Date: _____



Engineers Without Borders

Hi EWB,

Announcements

We are very excited to announce our 2019 Spring Banquet will be happening on the evening of Friday June 7th from 7:00-9:00 PM. Tickets are \$15. Please Venmo @EWB-Seniors and include "Your Name - Spring Banquet"! Last day to purchase a ticket is May 22nd!

UPDATE: in efforts to reduce our waste we will not be giving out tickets, so be sure to follow guidelines for venmo payments as this will verify your purchase.

Meetings

Project Teams: are every Monday from 7:00-9:00 pm for all 5 project teams unless otherwise specified. Here are the team room locations:

- Fiji: 186-C200
- Local Projects: 186-C203
- Thailand: 186-C303
- Nicaragua: 186-C202
- Malawi: 186-C300

<https://docs.google.com/document/d/1jG7JnS75hwxoPNrwmNdWDeUomqumc-kTGDLb-Eg0Aeg/edit>

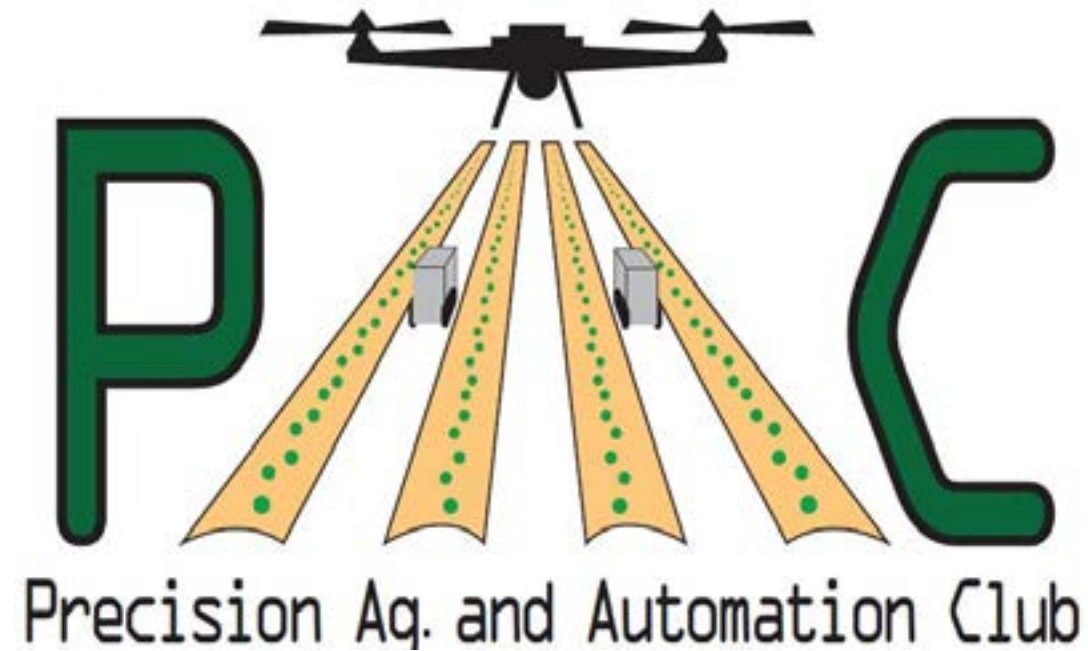
Critical Global Engagement Club: We will have our first discussion meeting of the quarter tomorrow. We will examine ethical fundraising and public relations, confronting the grey areas in raising money for a cause. Join us Mondays 6:10-7 PM in 186-C200.

Tea Time: Tea Time will be from 11:00-12:00 pm on

Friday behind Julien's Cafe in the library. Come hang out with the President and Vice President to have any questions answered about the club.

IMPACT: Meetings are held Thursdays 2:10-3:00 pm on the second floor of the library near Julian's.





PAAC is BACK!
Pizza is provided!

Meetings are Mondays from 6-7 pm in Building 8A, Lab 4C. Call or text 760-468-6076 if you need help getting there :)

Meeting Information

This week, we'll touch base with each team, then each team will meet up and work on their aspects of the ASABE robot. As usual, we'll be having free pizza!

ASABE Robotics Competition

Every year, PAAC builds tabletop robots that accomplish harvesting tasks. We recently received the tentative guidelines for this year's competition! Click below for the details.



2019-2020 AES OFFICER TEAM

AES President – Ryan Emory

ASABE President – Mary Hambly

SMB President – Ethan Jones

Tractor Pull President – Daphne Schwartz

AES Vice President – Mikaela Jensen

ASABE Vice President – Anthony Musch

SMB Vice President – Ian Reece

Secretary – Megan Campbell

Treasurer – Grant Doerksen

Reporter – Luke Reilly

AES CAFES Rep. – Luis Villanueva

ASABE CAFES Rep. – Jose Amezcua

SMB CAFES Rep. – Reid Adams

Career Fair Chair – Bradley Livingston

SWE Rep. – Michaela Sewell

ASABE National Rep. – Luke Jackson

Communications Chair – Megan Caird

Special Events Chair – Megan Logan



AES BANQUET

Saturday May 25

*5pm Social Hour
6pm Dinner
7-9pm Awards*

Come celebrate the end of another great year in the BRAE Department. All are welcome including friends and family. Scholarship applicants are particularly encouraged to attend.

Tickets sold in BRAE Dept. Office
Students: \$25 - Staff: \$30 - Everyone else: \$35

Internship and Employment Opportunities⁹

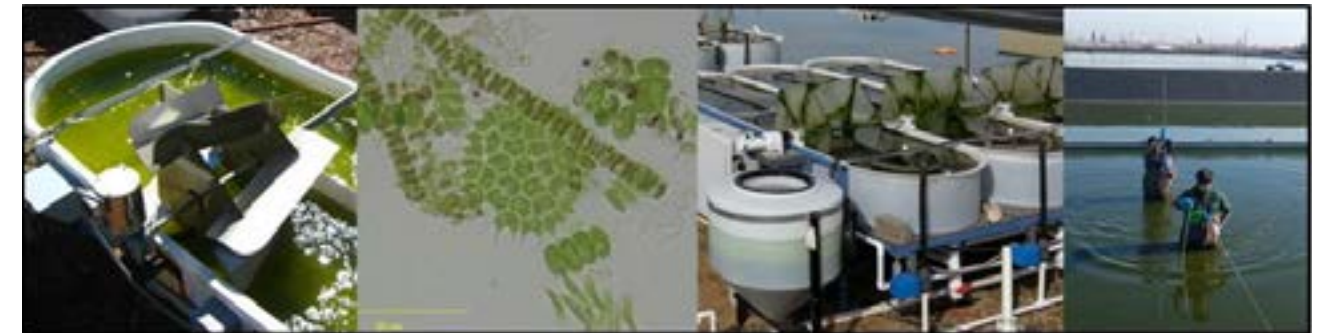
ASM and BRAE students and graduates are in high demand!

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.

The following is an amazing opportunity to be involved with cutting edge research related to algae production, algae biofuels and wastewater recycling. Applications are currently being accepted for the Summer 2019 quarter. Apply to the Cal Poly Water and Energy Sustainability Training Team (WESTT).

<https://docs.google.com/forms/d/e/1FAIpQLSfh2nMfpZzt1-EpTG3wkNZYzcj6ytlxx-Lu7TqQ5Ah6kQSYorw/viewform>



Through this program you will have the chance to learn valuable analytical and laboratory techniques and have the chance to earn 400 level units. Many of the skills learned through this experience are usually associated with graduate level research and will give you a head start in the field upon graduation.

Please submit your application for Summer 2019 no later than 6/9/19

Best Regards,
Your Cal Poly Water and Energy Sustainability Training Team
Dr. Tryg Lundquist, Dr. Corinne Lehr, Shelley Blackwell, and Sara Leader