Engineering Systems Management Support for Agriculture
The Weekly Newsletter for the BioResource and Agriculture Engineering Department

Week 6 ~ May 7th, 2019

BUY AES Banquet Tickets NOW!!!!!!!
In BRAE Office $25

Clubs & Announcements
Page 6-8

Career Opportunities
Page 6-8
<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>PAAC 6-7PM 8A-4C</td>
<td>CAFES Council 5:10PM 08-122</td>
<td>Grow Crew Meeting 11-12 Lab 4</td>
<td>AES Barbecue BRAE Ramp</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grow Crew Meeting 11-12 Lab 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>PAAC 6-7PM 8A-4C</td>
<td>CAFES Council 5:10PM 08-122</td>
<td>Grow Crew Meeting 11-12 Lab 4</td>
<td>AES Barbecue BRAE Ramp</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grow Crew Meeting 11-12 Lab 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>PAAC 6-7PM 8A-4C</td>
<td>CAFES Council 5:10PM 08-122</td>
<td>Grow Crew Meeting 11-12 Lab 4</td>
<td>AES Barbecue BRAE Ramp</td>
<td></td>
<td>AES Banquet 5pm Social Hour 6-7pm Dinner 7-9pm Awards</td>
</tr>
<tr>
<td></td>
<td>Grow Crew Meeting 11-12 Lab 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>PAAC 6-7PM 8A-4C</td>
<td>CAFES Council 5:10PM 08-122</td>
<td>Grow Crew Meeting 11-12 Lab 4</td>
<td>AES Barbecue BRAE Ramp</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grow Crew Meeting 11-12 Lab 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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.
Hi EWB,
It’s week 6 so hopefully things are slowing down for you a bit. It’s the perfect time to join IM Soccer or check out the weekly meetings for CGE, IMPACT, or project teams!

Weekly Overview
Monday- Project Teams
Thursday- IMPACT, IM Soccer
Friday- Tea Time

Announcements
EWB and CGE Joint Spring Banquet
We are very excited to announce our 2019 Spring Banquet will be happening on the evening of Friday June 7th from 6:00-8:00 PM. We will recognize our seniors and outstanding members, so don't miss out! Tickets are $15. Venmo @EWB-Seniors and pick up your ticket at our next general meeting!

We are looking for one person to fill one of the IMPACT Coordinator positions for 2019-2020. If you are interested in applying, please fill out this form.

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

Critical Global Engagement Club:
At tomorrow’s meeting, we will work on our projects. This quarter we are working on failure presentations, pre-travel workshops, a participatory research toolkit, and a NEW PROJECT: a CGE/EBW Cal Poly global engagement framework. Stop by to learn more! Join us Mondays 6:10-7:00 PM in 186-C200.

Tea Time: 11:00-12:00 PM on the second floor of the library near Julian’s Cafe.

IMPACT: Meetings are held Thursdays 2:10-3:00 pm on the second floor of the library near Julian’s.
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
Designer Apprentice (Water)-Service  DESIG01625

Full-Time Santa Maria, CA 93455, USA

This individual will design and develop irrigation systems within standard industry parameters that produce the best results for customers. Based upon their level of expertise, the Designer Apprentice may work under direct supervision. They will be responsible for partnering with multiple resources in project management activities that include the design and estimating to ensure such projects are constructed in accordance with the project plan.

Specific Duties Include:

Increasing RDO Water’s visibility and customer participation in the agricultural irrigation segments; this will be accomplished by direct personal contact with growers, other end users and Account Managers.
All irrigation design functions including: preliminary project assessment, planning, design, hydraulic calculations, application rates, control systems, valves, pumping requirements, filtration requirements, water transportation pipelines, and reservoirs.
Complete all design and engineering functions in a timely and efficient manner to meet customer’s requirements, while adhering to the highest level of industry standards and integrity.
Develop accurate design material lists ensuring all material quantities and specifications are correct.
Support sales and service team members with project implementation whenever requested in a timely, thorough, and professional manner.
Assists customers and sales team in the field and office with irrigation design and application-related questions.
Work to improve water and soil conservation techniques.
Follow all safety rules and regulations while performing work assignments and adhere to all policies and procedures as specified in company manuals and as directed in the employee handbook.
Conduct self in the presence of customers and community so as to present a professional image of RDO Water.
Pro-actively seek and participate in available company-sponsored training, in an effort to develop and advance knowledge base and skill set.

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.

Requirements

Knowledge of Ag hydraulics, pumping, irrigation system design, water handling products for agriculture crops a plus
Proficient in AutoCAD
Excellent verbal and written communication skills
Strong analytical skills
Strong computer skills
Basic customer service skills
Bachelor’s Degree in Agriculture, Engineering or related subject is preferred
Candidates must have valid work authorization and be able to work in the U.S. without company sponsorship
Rain for Rent is looking for a BRAE student to fill the engineering intern position available for Summer 2019. Students interested in applying should send their resume to Chris Cannella, Engineering Supervisor, ccannella@rainforrent.com

Responsibilities Include:
• Irrigation, Water Bypass & Transfer systems design
• AutoCAD drawings of installations details.
• Capable of interpreting pump curves for selection purposes
• Be able to answer compatibility questions with Rain for Rent
• Help the sales team with engineering questions
• Have an excellent sense of organization
• Other duties associated with engineering staff activities

Job Opening Website:
https://rn11.ultipro.com/WES1012/JobBoard/JobDetails.aspx?__ID=*D5A2085A87A86D04

Thank you,

Jose Antonio Bejarano Padilla

Undergraduate
BioResource and Agricultural Engineering
California Polytechnic State University
San Luis Obispo, CA 93407
Email: jabejara@calpoly.edu
Phone: (415) 464-7525

We are looking to find a summer intern to manage some large irrigation trials this summer and hoping you could help us. Our farm manager has called whatever contacts he had and are getting the run around.

Here is a brief description on what the summer internship looks like

+ Evaluate Hose reel Sprinkler Performance and Dead bed Certa lok fields
+ Evaluate current irrigation practice,
+ Collect Data in field
+ Time study on project; labor, water usage
+ Help set up and break down of irrigation equipment
+ Evaluate distribution of irrigation moisture
+ Recommend any findings throughout project that may benefit its outcome
+ Provide a finalized report on finding
+ Be in daily communication with farm Managers and Director
+ Paid hourly summer internship in Salinas Ca.
+ Housing on campus is available
+ Valid class C driver Licence
+ 10-11 hours per day
+ 80% of time in field Hands on
+ 20% of time in office
+ Excel skills needed

Please have students call me or email at anytime

Brian Antle
President PlantTape USA PlantTape
Office: 831 455 3902
Mobile: 831 229-7249
BrianAntle@TAPRODUCE.COM
(www.taproduce.com) [http://www.taproduce.com]
CAFES Student Employees Needed:

We are spreading the word that we are in search of student employee’s. We have openings in the following:

Irrigation Technician’s
Compost Technician’s
Shop Mechanic Technician’s

Please if you have anyone with interest they can contact me @ cakendal@calpoly.edu (805)756-2563 or drop by the farm shop. The positions are open immediately and we are also considering for summer positions. Thank you all for your time.

Brookwater Irrigation

Who We Are.
Brookwater is an Irrigation Consulting and Design firm that works on varied projects such as waterfront parks, sports and entertainment facilities, commercial and industrial projects, residential communities and transportation projects throughout California and the United States.

Brookwater Irrigation Consultants
480 St. John Street, Suite 220
Pleasanton, CA 94566
Phone: (925) 855-0417
Fax: (925) 855-0357
janet@brookwater.com

Stanford is also hiring as well:
Horticulture Planner https://careersearch.stanford.edu/jobs/horticulture-planner-5775
Sprinkler/Landscape Specialist III https://careersearch.stanford.edu/jobs/sprinkler-landscape-specialist-iii-2850
Sprinkler/Landscape Tech I https://careersearch.stanford.edu/jobs/sprinker-landscape-tech-i-3083

http://brookwater.com/index.html