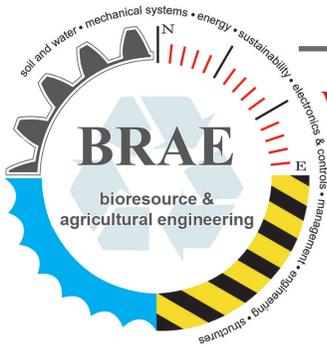


THE BRAE WEEKLY

The Weekly Newsletter for the BioResource & Agricultural Engineering Department



WEEK 3 - JANUARY 19TH, 2016

BRAE LAKE DAY



Gary enjoys a nice day on the BRAE Lake.
We hope you are staying dry and studying hard this week!

BRAE News & Events

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BRAE NEWS & EVENTS

Ag Showcase 2016 Recap

Last week was this year's Ag Showcase. Over 80 companies were in attendance looking at the bright students in the CAFES department. The Ag Business Management Club puts on the annual event and tries to have a wide variety of industries and fields represented.

Upperclassmen had the opportunity to interact with the professionals at the Industry Social at the Madonna Inn. This was a more relaxed setting where students networked with the different companies.

The next day, students visited booths in the Farm Shop to get more information and handouts from the companies. The event's success resulted in many connections made, conversations started, and interviews to be planned.



BRAE NEWS & EVENTS

AES Meeting

Don't forget that this week is the Monthly AES Meeting!

It will be in Lab 1 at 6 on Wednesday January 20th with dinner & dessert!

Volunteer for Open House 2016!

They need your help! First meeting is at 7:00-8:00 am Wednesday, January 27th in 10-206

Available Committees: Food, Farm Store, Students, Alumni Relations, Ag Pavilion, Community Service, Parents, Safety, BBQ

Additional Meeting Dates: 2/17, 2/24, 3/9, 4/6, 4/13, 4/20

Society of Women Engineers

Please join Society of Women Engineers on Wednesday, January 20th in Bonderson 104 at 6:00 PM for a Tech Talk with Google and The Association of Computing Machinery.

When: Wednesday, January 20th at 6:00 PM

Where: Bonderson 104

Evening with Industry is a banquet dinner held the week of the career fair that allows students to network with industry representatives and sit with a company of their choice. Representatives from 33 companies are attending.

When: Thursday, January 21st (Networking starts at 5:00 PM, Dinner starts at 6:30 PM)

Where: Avila Beach Golf Resort

Tickets can be purchased in the SWE office (Bonderson 212) weekdays from 10 AM to 4 PM until all seats are sold out. Tickets cost \$20 for SWE members and \$40 for non-members.



Looking for a Job After Graduation?

Make sure to check out Kubota for many opportunities across the U.S.

The link to their careers page is:

<http://www.kubota.com/kubotaCareers/JoinTheKubotaTeam.aspx>

Wait about 30 secs for the job listings to come up

Have questions? Contact Steven Americano

209-334-9910 steven.americano@kubota.com

SAFETY TIP OF THE WEEK

Hoist Lifting

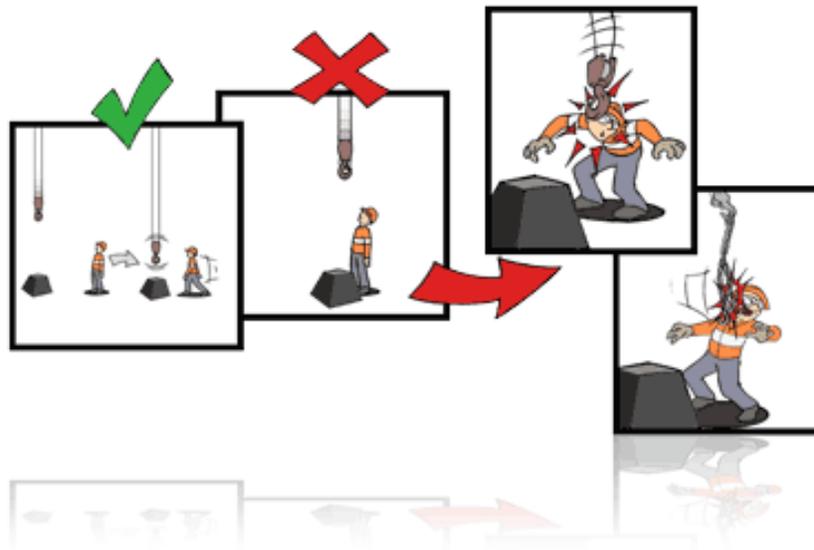
While operating the hoists in the labs, you must be mindful of the following:

DO:

- Always inspect the condition of the equipment before attaching a load.
- Slowly take up the slack when lifting to avoid shock loading.
- Always lift loads straight up.
- Always keep loads balanced.
- Ensure the capacities of the hoist and lifting components are sufficient.

DO NOT:

- **Exceed the rated capacity of the hoist, lifting strap, chain or any other component!**
- **Twist, knot, or kink the lifting strap or chain.**
- **Pass loads over yourself or someone else.**
- **Stand or walk beneath the load.**
- **Ride or climb on the suspended load.**



Improper use of the hoist and/or lifting straps and chains can result in the fall or swing of heavy objects.

This can cause serious injury!

JANUARY CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 Classes Start	5 Club Officer Meeting 6pm 8-122	6 SWE Meeting 6pm in Bonderson 104 EWB Meeting 6pm in ATL	7 BRAE BBQ 11am	8	9
10	11 P.A.A.C. Meeting 6pm 8-122	12 Club Officer Meeting 6pm 8-122	13 Last day to add or drop courses	14 BRAE BBQ 11am	15	16
17	18 No School	19 Club Officer Meeting 6pm 8-122	20 AES General Meeting Lab 1 - 6pm	21 BRAE BBQ 11am	22	23
24	25	26 Club Officer Meeting 6pm 8-122	27	28 BRAE BBQ 11am	29	30
31						

STUDENT OPPORTUNITIES

ASABE Competitions

AGCO National Student Design Competition

The purpose of the AGCO National Student Design Competition, is to encourage undergraduate students to participate in the basic design of an engineering project useful to agriculture and related areas and to provide an arena of professionalism in which the student can experience peer recognition of a well conceived and executed design project. Cash awards of \$1,250, \$1,000 and \$750 will be presented to the first, second and third place entries.

Eligibility: Contestants must be Student Members of ASABE and undergraduates at the time their design projects are conducted. Candidates will be declared ineligible for the competition if more than twelve (12) months have lapsed between the awarding of the degree and the ASABE Annual Interational Meeting at which the winner of the competition will be decided. Projects may be conceived and executed by multiple contestants. All members of the design groups must be eligible as outlined above.

Competition Entry Requirements: Projects must involve engineering design, which is the process of devising a machine, component, system, or process to meet a desired need. It involves analysis, synthesis and decision-making processes (often iterative), in which the basic sciences, mathematics and engineering sciences, and technology are applied to convert resources optimally to meet a stated objective. The words “machine, component, system, or process” and “convert resources optimally” operate to indicate that sociological, economic, aesthetic, legal, ethical, etc. considerations can be included. All projects must be related to agriculture or related areas.

The design projects must include:

- A written report (see format for entries).
- Drawings and/or specifications that describe the design.
- Extensive or substantial test or performance data obtained from (1) a prototype or physical model of the machine or critical component, and/or (2) a computer simulated test of the system or process.

Submission Deadline: April 27, midnight ET

K.K. Barnes Student Paper Awards Competition

The objective of the K. K. Barnes Student Paper Awards Competition is to encourage undergraduate students in the preparation of better technical papers on subjects in the agricultural, food or biological engineering field. It is intended as a special inducement to supplement the training provided in the undergraduate curriculum by providing early practice in a type of performance required of professionals in the work in which they will later engage. The competition consists of two parts: a Written Competition, and an Oral Competition. Authors of the top three written papers are invited to attend the ASABE Annual Meeting to participate in the oral competition.

Eligibility: Contestants shall be student members of ASABE and undergraduates at the time of the studies that resulted in the preparation of the paper. Papers shall be received at ASABE headquarters no later than six months after the students' receipt of the first professional degree. The number of contestants shall be limited to one entry per year.

Papers and/or projects submitted to the AGCO National Student Design Competition are not eligible for the K. K. Barnes Student Paper Awards Competition.

Entry Deadline: March 25. Please submit papers to Sarah Cook. Only electronic submissions will be accepted.

For more information, please visit:

<http://www.asabe.org/awards-landmarks/student-awards,-competitions-scholarships/agco.aspx>