This past weekend, our Tractor Pull Team traveled to Bakersfield to participate in the last competition before Open House.
Cameron Dale traveled with his Ag Policy class to Sacramento this week to give his presentation to a group of industry, government, and Farm Bureau leaders.

He is pictured with BRAE Alum Arturo Barajas and AGC Alum Alyssa Moore.

Congratulations!
We will have our general meeting at the Careers in International Development talk hosted by the Financial Management Association on Wednesday, March 2nd at 6pm in 26-104. FREE PIZZA will be provided.

Meetings

India: Bldg 22-211, Monday from 7-9pm
Malawi: Bldg 8-121, Monday from 7-9pm
Nicaragua: Bldg 10-223, Monday from 7-9pm
Thailand: Bldg 10-126, Monday from 7-9pm
Local Projects: Bldg 22-312, Monday from 7-9pm
IMPACT: Library 216M, Tuesday from 6-8pm
Fundraising: Library 216M, Thursday from 5-6pm

If this is your first EWB meeting, please meet with our president, Katie Chambers, in 10-126 at 7pm. She will be happy to answer any questions you may have and take you around to the different project teams.

Announcements

EWB General Meeting @ FMA Presentation (3/2)
For this week’s general meeting, we will be attending the Financial Management Association Presentation on Wednesday, March 2nd from 6-8pm in 26-104. Guest speaker Liz Wilson will talk about careers in NGOs/Charities and International Development. For more information check out their website and watch the speaker’s TEDx Talk.

Pancake Breakfast & Bishop’s Peak Hike (3/5)
Come hang out with your EWB friends on Saturday, March 5th as we make and eat yummy pancakes and take a beautiful hike up Bishop’s Peak! Pancakes will be around 9:30am and the hike will follow. If you are interested, sign-up here. For questions contact Evan Low.

EWB Officer Nominations
Officer elections are right around the corner! Be sure to nominate yourself or a fellow EWBer for an officer position using this form. A description of the officer positions can be found here. Nominations are due March 12th, and elections will be held on April 6th.

ISLA 456: Advanced Project Based Learning in Science, Technology & Society
ISLA 456 will be offered next quarter on MWF from 12:10-2pm. The course will include project team-based activities with a focus on Climate Change, at both the local and global levels. Check out this flyer if you are interested in taking the class!
SAFETY TIP OF THE WEEK

EYE PROTECTION

Safety glasses are required to be worn at all times when working in the labs. It is important to come to class prepared with your own pair of safety glasses. Safety glasses that are provided by the BRAE Department are for visitors or for extras in case of emergency, however there are not enough for ALL STUDENTS working in the labs. It is your responsibility to come prepared to class/lab with the proper PPE which includes your safety glasses.

Safety glasses should be approved ANSI Z87.1-2010 for full protection. This approval will usually appear in the bottom corner of the glasses to ensure that you have purchased the correct kind. Using ANSI approved safety glasses is very important to achieve the proper level of eye protection needed when working in the labs.

ANSI Z87.1-2010 Rating
## MARCH CALENDAR

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<td>Cesar Chavez Day No School</td>
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THURSDAY, MARCH 3RD
BRAE CAREER FAIR

The time for our Annual Career Fair is here! Sharpen those resumes and iron those fancy dress shirts. This year we have over 25 different companies attending our career fair. This event is specifically for BRAE department students so it is encouraged to take advantage of this opportunity. The list of companies is provided on the next sheet.

Industry Panel Meeting:
Wednesday, March 2nd 6PM

The night before the career fair we will be holding an Industry Panel Meeting in Lab 1 during the General AES Meeting. Anyone is welcome and it is a great opportunity to talk to industries on a more casual level and gain insights on what companies are looking for. The companies attending the Industry Panel are:

- Fastenal
- H.G. Makelim
- Heinzen Manufacturing International
- Kubota Tractor Corporation
- OMC
- Ag. Ind. Manufacturing (AIM)
STUDENT OPPORTUNITIES

BRAE CAREER FAIR

THURSDAY, MARCH 3RD
8AM-12PM
LAB 1

Companies Attending:

ACME Engineering
Adams Vegetable Oils
Agriculture Ind. Manufacturing (AIM)
American Incorporated
Blue River Technology
Bowsmith
Cannon
Fastenal
Flory Industries
G3
Granite Construction
H.G. Makelim
Heinzen Manufacturing International
JG Boswell
Kubota Tractor Corporation
Lodi Pump and Irrigation
Nicholas Farms
OMC
Preston Pipelines
Provost and Pritchard
Rain for Rent
RDO Water
Sensient
True Leaf Farms
Vineyard Pro Services
Wonderful Orchards
Yardney Water Management Systems, Inc.
San Luis Obispo County Farm Bureau Women

2016 Scholarship Application

I. SOURCE OF SCHOLARSHIP
The San Luis Obispo County Farm Bureau Women

II. SELECTION OF RECIPIENT
The Scholarship Committee of Farm Bureau Women

   i. Payment of the Scholarship
   The Scholarship will be made payable by the San Luis Obispo County Farm Bureau Women to the
   student or the school of choice upon confirmation of enrollment and submission of a digital
   portrait of applicant.

   ii. Student must be:
   1. A member (since September of the previous year) of the San Luis Obispo County
      Farm Bureau or the San Luis Obispo County Farm Bureau Women, or
   2. A dependent, child or grandchild of a member (since September of the previous
      year) of the San Luis Obispo County Farm Bureau or the San Luis Obispo County
      Farm Bureau Women, or
   3. A member for four years of either a San Luis Obispo County 4-H or San Luis
      Obispo County Future Farmers of America, or a combination of years thereof, or
   4. A college student who is a graduate of a San Luis Obispo County high school
      and enrolled in an agricultural-related major for two years or longer
      Student must fulfill entrance requirements of the school of his/her choice portrait of applicant.

III. QUALIFICATIONS
   i. This scholarship is available for the actual educational needs of the applicant
      in a University, College, Professional, or Vocational school of choice
   ii. Applicant may be a previous scholarship recipient of the San Luis Obispo County
      Farm Bureau Women. Applicant is no longer eligible upon receiving a Bachelor’s degree
   iii. Applicant must be enrolled as a full-time student (12 units or vocational equivalent)
   iv. Student must need financial assistance
   v. Student must have a purposeful educational goal
   vi. Application to be post-marked or hand delivered to the Farm Bureau
      no later than March 31, 2016

SAN LUIS OBISPO COUNTY FARM BUREAU WOMEN
Attn: Scholarship Chairman
4875 Morabito Place
San Luis Obispo, California 93401
The electronics industry is the largest basic industry in the world after agriculture. At the heart of this industry is the manufacture of semiconductor devices and printed circuit boards. This market has maintained an average annual growth rate of 15% over the last 30 years despite periodic downturns.

Radio Frequency Identification (RFID) is an important emerging technology that owes its existence to the rapid growth of the electronics industry. RFID is altering everyday processes such as point-of-sale (POS) transactions, personal identification (RFID-embedded passports, drivers’ licenses, and credit cards), food and product tracking, etc. This course will cover the principles of various RFID technologies, and will include hands-on experimentation with RFID hardware and software. The course will also discuss the relationship between RFID and the Internet of Things (IoT).

Multidisciplinary project teams will design RFID systems for various application areas. The teams will analyze processes that can benefit from unique item identification, re-design the processes using item-level RFID systems, develop a visual description or simulation of the proposed processes, and provide an economic justification of the financial investment in RFID.

The course will focus on both electronics manufacturing and RFID. It will broaden students’ perspective on electronics manufacturing companies, their manufacturing processes, technologies, and complexities. In particular, the students will learn about RFID tag, reader, and antenna manufacturing. The course will develop students’ ability to succeed under the uncertain conditions inherent to electronics manufacturing.

The course will include 2-3 visits to companies, and several guest lectures.

Students may choose to attend both labs, if their schedules permits. Alternatively, each student may attend one of the scheduled labs on either Monday or Wednesday, and in addition do 3 hours of lab work at PolyGAIT during Dr. Freed’s and the teaching assistants’ office hours.
The program will be held June 1st through July 29th of 2016, Monday through Friday from 8:30a to 5:00p each day.

SST pays a salary for each student accepted into the program.

Each student will be responsible for their own housing, but SST personnel will help students to find a location. Stillwater, Oklahoma is the home to Oklahoma State University, so in the summer months there are plenty of housing options.

Students who are in their junior year, and involved in the study of agriculture, and are looking to a future in the precision agriculture industry are invited to send us a copy of their resume’ for consideration of being hired.

Send your resume’ or questions about the program to:

Bill Richardson
SST Software
Director of Training and Education

405-714-4369 Mobile | 888-377-5334 Office | brichardson@sstsoftware.com

• GIS (Geographic Information System)
• Field Mapping
• Soil Sampling w/GPS
• Utilizing Yield Data
• Remote Sensing

There will be field work as well as lab work with all hardware/software being utilized with the latest/greatest software applications in agriculture.

The goal of this program is to complement your educational background with hands-on experience of real-world applications utilizing the latest technologies within agriculture.
STUDENT OPPORTUNITIES

The NATIONAL POULTRY & FOOD DISTRIBUTORS ASSOCIATION is pleased to award scholarships to various students of agricultural colleges and universities across the US. Each student selected will receive a $2500.00 scholarship from NPFDA.

To qualify, each applicant must:

✓ Be a college junior or senior the upcoming (award) year at a U.S. institution
✓ Be enrolled as a full time student
✓ Be pursuing a Poultry or Food related Agricultural, Ag Business degree such as Agricultural Business, Poultry Science, Food Science, Animal Science, Food Marketing, Ag. Econ., etc.
(Not related degrees such as English, Nursing, Dietetics or any degree that does not have a poultry or food focus will not be considered).
✓ Provide his or her current official transcript - sealed
✓ Provide a letter of recommendation from his or her Dean, Department Head and/or Advisor. Letter of recommendation must come from someone who knows the student.
✓ Complete the enclosed application
✓ Provide a one-page letter describing his or her goals and aspirations

All applications and documents must be received by the NPFDA office no later than May 31, 2016. If documents must arrive separately, we will match them to the student.

Official transcripts (only) will be accepted after the deadline due to the short window between semester end and the deadline.

NPFDA SCHOLARSHIP FOUNDATION, INC.
2014 Osborne Rd
St. Marys, GA 31558

Ph -770-535-9901
F -770-535-7385

Application Below

All applications and documents must be received by the NPFDA office no later than May 31, 2016.
Undergraduate Student Assistant in Agricultural Research and Robotic Technologies
Department of Plant Science, University of California, Davis

Job Location: UC/USDA Agricultural Research Station • 1636 East Alisal St. • Salinas, CA  93905

General Description:
The student assistant (SA) will provide laboratory and field research support for the research faculty and staff at the UC/USDA Agricultural Research Station in Salinas, CA. Our work is focused on weed management in strawberries and vegetable crops with an emphasis on physical weed control tools such as robotic cultivators. The SA will assist project personnel, collect data, prepare samples, and record/enter data for computerized statistical analysis. This position involves both laboratory/greenhouse (indoor) and field (outdoor) functions, and will require the employee to work in a variety of weather and field conditions to conduct agricultural research. This position is an excellent opportunity to gain agricultural research experience in a UC Cooperative Extension field laboratory setting. The SA will be given the opportunity to conduct an individual research project, in addition to his/her general support responsibilities. This is a 50% position (20 hours / week) during class times and full time during summer months. Working hours are 8 a.m. to 5 p.m. The position is open immediately.

Description of Responsibilities/Duties:
Field Responsibilities: Assist with setting up and maintaining field research plots; operating and demonstrating weed control with automated weed removal devices, taking extensive observations of crop parameters and weed population density/distribution. This position will be focused on cutting edge robotic and camera technology to remove weeds from vegetable crops.

Experience/Qualifications:
Required: The applicant must be able to communicate / work well with others in a flexible work environment; follow specific instructions & policies and work independently with close attention to detail; perform procedures and record data accurately; and manage complex tasks. In addition, he/she must: 1) be able to use laboratory instruments (e.g., analytical balances) and field research and agronomic equipment; 2) be capable of performing moderate to strenuous levels of field work; including some bending, stooping, cutting, and lifting; and 3) have a basic knowledge of computer software programs (including word processing / MS Word and spreadsheet / MS Excel). The applicant must possess a valid California driver’s license.

Desired: Knowledge of field operations / vegetable production practices common to the Salinas valley (e.g., overhead irrigation, planting and cultivating), common weed species identification, engineering, general research methodology, and statistical analysis is desired, but training will be provided.

Contact:
Dr. Steven A. Fennimore, Ph.D. or John Rachuy
Extension Vegetable Weed Control Specialist Staff Research Associate III
1636 East Alisal St. • Salinas, CA  93905 1636 East Alisal St. • Salinas, CA  93905
Office: (831) 755-2896 Office: (831) 594-8750
Cell: 831-594-1333 Email: jsrachuy@ucdavis.edu
Email: safennimore@ucdavis.edu