Don’t forget there is a Tractor Pull Meeting tonight and a Robotics Club meeting this Thursday. Have a great week!

Arturo Barajas and Susie Parrish stand beside their first place poster at the ASABE meeting.
ASABE Scholarships
Due: March 15
1. ASABE Foundation Engineering Scholarship
Application available online at: http://www.asabe.org/awards-landmarks/student-awards,-competitions-scholarships/founda-
tion-scholarship.aspx
2. William J. Jr. & Marijane E. Adams Scholarship
Application available online at: http://www.asabe.org/awards-landmarks/student-awards,-competitions-scholarships/adams-schol-
arship.aspx

A yearly scholarship grant of $1,200 will be given to one undergraduate student, with a special interest in agricultural machinery
product design and development, who meets the following criteria:
- Is a biological or agricultural engineering student;
- Has completed at least one full-year as an undergraduate student;
- Is not a graduating senior in the semester/term of application;
- Is enrolled in an engineering curriculum that is accredited by ABET or CEAB;
- Has an overall GPA of at least 2.5 (on a 4.0 scale); and
- Can attest to the need for financial aid**

Application has several short answer questions, a 750 word essay question (why you have selected the Agricultural and Biological
Engineering discipline for your degree; and your goals in this Profession), and head of department will need to sign off corroborat-
ing your major and standing with the college.

Pacific Water Quality Association
Due: April 1st
1. Member Company Scholarship
Awarded to an individual who is employed by a PWQA Member Company or is related to an individual that is employed by a
PWQA Member Company . Said member company must be a PWQA Member in good standing which is defined as a member
company current on membership dues.
Award amount: $1,000
2. Major of Study related to Portable Water Quality
Awarded to an individual that is pursuing a major that supports water quality.
Award amount: $1,000

In addition to filling out the application, you will be asked to:
- Submit an essay (500 word maximum) on how you intend to utilize your education in your chosen area of study. In addition,
please explain how this money will help you achieve your academic goal.
- Submit Transcripts from High School and all attended Colleges
- Letter(s) of recommendation from a teacher or employer, etc. strongly encouraged

Association of California Water Agencies (ACWA)
Due: April 1st
Each year, the Association of California Water Agencies offers two $3,000 scholarships to undergraduate students in the fields of
water resources, public administration, engineering, irrigation technology and other water-related fields; and one $7,000 scholar-
ship to a graduate student in water law, policy or public administration.
Find online at: http://www.acwa.com/content/acwa-scholarship

In addition to filling out the application, you will be asked to:
1. Attach an official college transcript or a copy of an official transcript, including current course of study.
2. Attach two letters of recommendation. Letters should be on official school or business letterhead.
3. 4 short answer questions
4. Attach a typed one to two page essay addressing the following:
• What key water-related issues you would address, if given the opportunity?
• Why have you chosen a career in the water resources field?
• How do your educational and career goals relate to a future in California water resources?
BRAE News

BRAE T-shirts are here! $10 in the office. We are fully stocked on sizes so come get them while they are here!

INTERNATIONAL CENTER, CAL POLY WOMEN’S CLUB & CHINESE CULTURAL CLUB INVITE YOU TO JOIN US AT A

CHINESE NEW YEAR CELEBRATION

Ring in the lunar new year with storytelling, music, free food, & more!
Join us as we celebrate the Year of the Goat!

PRESENTATIONS BY
Ms. Alice Loh Professor Emerita, Department of Landscape Architecture
Dr. Daniel Krieger Professor Emeritus, Department of History

FRIDAY, FEBRUARY 20TH
1:00 p.m. – 3:00 p.m. (Presentations at 1:30)
Multi-Activity Center in the Cal Poly Recreation Center
Announcements

Academic Advising: Who to contact?

Academic policies, initiation of change of major, academic probation/contract, graduation evaluation and tracking:
CAFES Advising Center, 74M-A (modular, next to BRAE office building)
BRAE/ASM Adviser: Any CAFES adviser will assist you, until a new full time BRAE adviser is hired.
BRAE/ASM Peer Adviser: Caitlin Held, cheld@calpoly.edu

Department approval of course substitution forms, change of major forms, time conflict forms, ICMAs, AP and contracts, special course-related signatures:
Dr. Stuart Styles, 8a-02b, sstyles@calpoly.edu
Drop off forms for approval in the BRAE office 8-101, or schedule an appointment by emailing Dr. Styles directly.

Selection of major, recommendations, career advising, general Dept approvals:
Dr. Art MacCarley (Dept Head), 8-101, amaccarl@calpoly.edu
Drop off forms for approval in the BRAE office 8-101, or schedule an appointment by emailing Tina Pedersen, tepeders@calpoly.edu

Course selection, course content, mentoring, academic planning, elective selection, career guidance:
Please see your designated faculty advisor. If you are unsure, the BRAE office 8-101 maintains the faculty advising list at the front desk.
The Center for Teaching, Learning & Technology presents

INSTRUCTIONAL INNOVATION SHOWCASE

Winter Quarter 2015

Scott Kelting, Ph.D.
Construction Management

Ann De Lay, Ph.D.
Agricultural Education & Communication

Franklin Gaudi, Ph.D.
Bio Resources & Ag Engineering

presents
AN ONLINE YEAR IN REVIEW

presents
A BEGINNER'S PERSPECTIVE OF THE FLIPPED CLASSROOM

presents
ONLINE PROBLEM SETS: IMPROVING EXAM SCORES THROUGH ACTIVE LEARNING

Join colleagues from across campus to hear intriguing examples of innovative teaching practices and experiences with the eLearning pedagogies. Three brief presentations will be followed by conversations as we enjoy wine and cheese.

PLACE
ATL LOBBY & KECK LECTURE HALL
BLDG. 7, ROOM 2

DATE
WEDNESDAY
FEBRUARY 25
2015

TIME
4:30PM - 6:30PM

Questions: 756-7002 or ctt@calpoly.edu
See more at ctt.calpoly.edu.
Tom Mastin graduated from Fresno State in 1977 with a degree in Engineering, with an emphasis in surveying and photogrammetry. Mr. Mastin has built quite an impressive resume for himself; he worked in surveying at Lake Tahoe, then went back to school first at University of Nevada Reno and then Fresno State. He moved to San Luis Obispo where he has been for the past 35+ years. While in San Luis Obispo, he has worked for a small engineering company, started his own company (Mastin Land Surveying), and worked at a large firm in the area. In 1992, he started his journey as a Cal Poly instructor and has been here since. A student in the major described him as, “one of the most intelligent guys you’ll ever meet on campus.”

Mr. Mastin now teaches BRAE 237- Introduction to Engineering Surveying, BRAE 239- Engineering Surveying, BRAE 345- Photogrammetry and Remote Sensing, BRAE 447- Advanced Surveying with GIS (Geographic Information Systems) Application and CRSC 244- Precision Farming. Mr. Mastin is also the coordinator for the GIS minor. He also is the advisor the ASABE Club. This is the Agricultural Engineering component of AES. Make sure to check it out! Last week the club went to an elementary school and put on an engineering presentation, see on page 5.

Even in his free time you can count on the fact that Mr. Mastin is surveying! His passion and dedication is admirable. He publishes a local newsletter and teaches a review class for people who wish to be a professional surveyor. Otherwise, Mr. Mastin likes to spend his time playing with his one year old grandson.

Written by: Cristina Kinslow
Pre-Collegiate Symposium

Thank you to everyone who participated in this event!

Science and Engineering Night

A huge thank you to Trelawney Bullis, Matt Vierra, and Laura Schultz for being the presenters at the Science and Engineering Night in Paso Robles. Fourth grade teacher Julie Scheiffele thanks you for being engaging, well prepared, and having such a friendly manner with elementary students and their families.

If you missed the STEM event this year, make sure to check it out next year!
Hello Everyone!

We will be having a robotics meeting February 19th at 6:00 PM in room 122 in building 8. Raul Lopez, formally know as RLM3, will be doing a presentation on arduino and the coding that goes into hacking servo motors. We hope to have the planter box built by next meeting so we can start to experiment with the parallax robots in the competition course. There will be pizza! I look forward to seeing everyone!
# February & Beginning of March Calendar

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Calendar: [https://connect.calpoly.edu/service/user/amaccarl@calpoly.edu/Calendar.html](https://connect.calpoly.edu/service/user/amaccarl@calpoly.edu/Calendar.html)

Dept Cal: [https://connect.calpoly.edu/service/user/amaccarl@calpoly.edu/BRAE%20Department%20Events.html](https://connect.calpoly.edu/service/user/amaccarl@calpoly.edu/BRAE%20Department%20Events.html)