BRAE 312

In the annual nozzle project BRAE 312 students tested their knowledge of hydraulics by building a five foot long nozzle. Teams were judged on distance and given a 150$ budget. A total of three weeks was allocated to design and fabricate their project. The competition was fierce in the first lab section, with less than seven feet separating first from last place. In the second lab section whether played a significant factor with dying wind conditions favoring the teams who tested last. The winning nozzle shot an impressive 201 feet.

Photos and Article Submitted by:
Daniel Anderson

See more photos on Page 4.

Student Opportunities Page 2-3  BRAE & College News Page 4-7  November Calendar Page 8
Solar Power Integrators is seeking an Office Engineer Intern to support our Onsite Project Team on a design build construction management project located at Fort Hunter Liggett in Jolon, CA. This is a part-time internship and will be approximately six months in duration.

Should you have any questions, please do not hesitate to contact me via email or at the telephone number listed below.

Deana Dyer  
Project Accountant  
916-783-3585 – Ext. 133  
DDyer@jrconkey.com
Local Career Fair

Wednesday, November 5, 2014
9:30 a.m. - Noon | Dexter Lawn, Cal Poly

AGM-California, Inc.
Applied Technologies Associates
Coastal Community Builders
Cygnet Software (A Weatherford International)
Digital West Networks Inc.
E & J Gallo

Enterprise
Family Care Network, Inc.
Heritage Oaks Bank
IQMS
KCBX Public Radio
Management Recruiters of Templeton
Meissner Filtration Products Inc.
Mentor Edata

Mindbody, Inc.
Peace Corps
R. E. Wacker Associates, Inc.
Seacrest Ocean Front Hotel
Shopatron, Inc.
Specialty Silicon Fabricators
Sri International
Verizon Wireless

All Majors Are Welcome!

www.careerservices.calpoly.edu
Pictures from Story on Page 1.
Last Wednesday Dr. Stuart Styles took his BRAE 236 class on a comprehensive field trip on the central coast that stopped at various farms and water management facilities. Their first stop was the San Luis Obispo water treatment plant, where a presentation was made by Dean Furkama on San Luis Obispo’s water supply. Students learned how their own university and homes were supplied by Whale Rock, Nacimiento and San Antonio Reservoirs. Schied Vineyards near King City was the next stop. Here students learned from Greg Gonzales about Schield’s unique vineyard irrigation system and future plans. Style’s students also visited Rava Ranch in King City. Mike Froilan presented how Rava Ranch had set up their hand move sprinkler systems for a higher yield on their spinach fields. After lunch in Solestad, the bus made its way to Elkhorn Farms off Highway 101.

Their RDO managers, Victor Ramos and Eder Tostado, explained how irrigation supplies are distributed to growers and applications of drip tape in strawberry irrigation. Driscoll’s water resource representative also presented in the field on how Driscoll tracks and records their water use and management. Finally, students stopped at the MCWRA diversion dam facility in Castroville. A former BRAE graduate, Brent Buche gave an overview of one of the largest water diversion facilities in the western US that supplies 15,000 acres of agriculture with treated wastewater. Overall the field trip not only related directly to irrigation design that BRAE 236 students are studying right now, but showed students real world possibilities of employment in California’s agricultural industries.

Article by: Johan Eide
Photos by: Dr. Styles
BRAE 128 Field Trip

Monday was a busy day for BRAE 128. They visited Rain for Rent, Paramount Citrus, Tasteful Selections, Grimmway Farms and Frito-Lay. In the photos above, Chris Cannella from Rain for Rent talks to the class. Catch the Wednesday BRAE 128 Field Trip in next week’s newsletter!

AES 2nd General Meeting

In case you missed the AES Meeting last week, it was a Halloween dress-up theme. See to the left three of the outfits that had everyone talking.

From Left to Right: Greg Borba as Dr. Gaudi, Garrett Forbes as Dr. Zohns, Alan Isaacson as Mr. Weisenberger
Columbia University’s Master of Public Administration in Environmental Science and Policy is now offering the Dean’s Fellowship – the program’s first full-tuition grant, valued at approximately $72,000. The Dean’s Fellow will also receive a year-long internship (about $7,500) in the Earth Institute, Columbia University. In addition, the program awards numerous partial fellowships of up to $20,000. All awards are based on academic merit and financial need.

The Master of Public Administration in Environmental Science and Policy prepares students to become sophisticated public managers and policymakers, who apply innovative, systems-based thinking to environmental issues. There are nearly 700 alumni of the program, who hold leading sustainability positions in the public and private sectors around the globe.

For more information visit: http://mpaenvironment.ei.columbia.edu/

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**College News**

A piece of Cal Poly history will be highlighted when the Cal Poly College of Agriculture, Food & Environmental Sciences (CAFES) unearths a 25-year-old time capsule buried on campus.

The time capsule was buried on Oct. 20, 1988, as part of a dedication ceremony for the then-new Agricultural Sciences Building.

**When:** Saturday, Nov. 8, 12:30 p.m.

**Where:** Ag Courtyard, in front of the Agricultural Sciences Building (Bldg. 11)

**Who:** Everyone's invited!

Light refreshments will be served following the ceremony.

For more information, contact Ryan Lau (rmlau@calpoly.edu).
The Beginning of NOVEMBER

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