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Calendar

JAN 14, Mon – Science Pub, "[Water, Electronics and Energy](#)," Old World Deli, 6pm.

JAN 15, Tues - Pre-Engineering Excellence Reception for Fall 2012 Honor Roll in Kearney Hall Atrium, 3:30-4:30pm. Come congratulate our COE students, with cake, giveaways, and a chance to mingle with other engineering students and faculty.

JAN 16, Wed – "[The Importance of Improving](#)," presented by Jon DeVaan (Microsoft), sponsored by the College of Business Dean's Distinguished Lecture. LaSells Stewart Center, 7pm.

JAN 17-18 – [Oregon Land Survey Law Workshop #2A](#), 110 Owen Hall. Pre-registration required.

JAN 21, Mon – MLK Day. No classes; all CCE offices closed. [See OSU events here](#).

Seminar

JAN 17, Thurs - "Discrete Element Modeling of Soils as Granular Materials," presented by Matthew R. Kuhn (University of Portland) as part of the Geotechnical Lecture Series. 202 Kearney Hall, 5pm.

In the News

[Armin Stuedlein](#) was invited and agreed to serve on the Editorial Board of the ASCE Journal of Geotechnical and Geoenvironmental Engineering. The three-year term is effective today.

Opportunities

ASCE Clothes Drive – we are collecting used clothes and shoes to donate to local charities, now through the end of January. Please drop off your clean contributions in 101 Kearney Hall.

FE Review - The Institute of Industrial Engineers is putting on an 8 week review session this term for those taking the exam or plan on taking the exam in the future. The course covers a different topic each week, for 8 weeks beginning this week. Lectures will take place in 102 Owen Hall on Wednesdays and Thursdays from 7 to 9 pm, but you only need to attend one day a week because the same material is covered both days. To sign up for the course, simply come to one of the lecture sessions this week (Jan 9 or 10) with \$100 cash or check. Any questions should be directed to Jamie Amrhein at osu.fereview@gmail.com.

PE Review – at PSU. Thorough information about the course/logistics listed at: <http://www.pdx.edu/cee/continuing-education>. Contact Liz Alarid at 503-725-4282 with questions about the course or registration. [See agenda](#).

The Jordan Schnitzer Museum of Art is hosting an **inflatable architecture design contest**. Four teams will be selected as finalists and be supplied with basic materials to bring their inflatable to life at the First Friday Art Walk on March 1. After a public vote, the winning team will be announced at the museum on March 3. The winning team will receive a cash prize! Submissions to the contest are due Feb. 1. Full contest instructions can be found at <http://jsma.uoregon.edu/inflatocontest>.

Research for Undergrads

The Dwight Look College of Engineering at Texas A&M University invites students to apply for the **2013 Undergraduate Summer Research Grant (USRG)** Program. Participants work closely with faculty members on current or individual research projects, attend development and GRE workshops, make a formal poster presentation of their research experience, and submit a final written report describing the results of their research. Additional information and application can be found at <http://essap.tamu.edu/usrg>. Deadline to apply is February 11, 2013.

[2013 Nebraska Summer Research Program](#) (University of Nebraska-Lincoln) offers students an excellent opportunity to hone research skills and to experience life as a graduate student. Students will enhance their academic resume, work closely with faculty and peers, and have fun with social and professional development activities, all while receiving numerous benefits. Students historically underrepresented in graduate education are especially encouraged to apply. Due to funding restrictions, participation is limited to U.S. citizens or permanent residents. Priority review of applications begins February 1 and all applications are due by February 15.

The University of Tennessee's NSF/DOE Engineering Research Center, studies electric power transmission and is currently recruiting for its [Summer 2013 Research Experience for Undergraduates](#) (REU). The application deadline is March 22.

The Center for Energy Efficient Electronics Science (E3S) is accepting applications for [2013 E3S Summer Research Internship](#) positions at UC Berkeley, MIT, and Stanford. Application Deadline: February 1, 2013

Student Groups

JAN 15, Tues – **AGC Speaker Meeting**; [Emery & Sons](#), 112 Kearney Hall, 6 pm. Food provided.

JAN 16, Wed – **AGC Speaker Meeting**; [Corps of Engineers](#), 212 Kearney Hall, 6 pm. Food provided. The Corps will present a slide show on the construction of the Foster Fish Collection Facility on the South Santiam River. This a \$19-mil project constructed over 22 months to provide collection of upstream migrant salmon below Foster Dam. The construction involves diving, slope stability features, concrete & structural work, and electrical & mechanical features. The presentation will be by Albert Wright, Resident Engineer. A panel discussion follows with additional engineers from the Corps of Engineers available to answer questions or discuss their careers.

JAN 17, Thurs - **AGC Speaker Meeting**; [Hoffman](#), 112 Kearney Hall, 6 pm. Food provided. Interviews on JAN 18. Signup ASAP with Cindy in 101 Kearney Hall, 541-737-4934.

JAN 17, Thurs - **OSU Team of Construction Volunteers** informational meeting, 202 Kearney Hall, 6pm. An alternative Spring Break trip to Cusco, Peru will be discussed, including a tentative schedule, trip cost, other important details, and a question and answer session. If you have any questions please contact, Bryan Pendergrass at penderbr@onid.orst.edu.

JAN 22, Tues – **AGC Speaker Meeting**; [BuildGroup](#). 112 Kearney Hall, 6 pm. Food provided. Interviews on JAN 23 for full-time and internships. Signup sheets with Cindy

in 101 Kearney Hall.

Jobs

Project engineer (2) – Portland Community College Bond Program. We are underway with a \$425-million capital plan, and will be hiring the project engineers to assist the project managers at the campuses. HR is requiring two years of experience, but internships can be counted toward the required 2 years of experience as well. From 'View/Apply for Jobs' (top left), [search job requisition 07847](#)

Structural/Civil Intern – RedBuilt LLC. We are currently seeking a summer intern to support our engineered wood products commercial business. The intern will work under the direction of Professional Engineers and will be primarily responsible for structural analysis and product design using proprietary engineering software, producing and reviewing shop drawings and creating material lists. The job function also includes working directly with contractors, architects and engineers. Cross training opportunities exist in our industrial and corporate engineering functions. This position will be based in Boise, ID, Chino, CA or Delaware, OH and will report to the local Design Center Leader. RedBuilt is an Equal Opportunity Employer. Please submit resumes by January 31, 2013 to jobs@RedBuilt.com. *No phone calls please.*

Qualifications

- Successful candidates must be able to thrive in a high-pressure customer culture.
- Currently enrolled in a 4 year engineering program.
- Framing experience is a plus.
- Ability to read blue prints and other construction documents.
- Must be computer literate including EXCEL and WORD. Experience with AutoCAD or the ability to quickly learn a plus.
- Must be capable of performing successfully in a team environment.
- Ability to establish and maintain excellent working relationships with customers, sales associates and the technical team.
- Must be able to alter work schedule to accomplish projects as scheduled, which may include weekend work.

New Student Programs & Family Outreach is hiring 2013 START Leader and U-Engage Peer leader positions. Both positions allow you to work closely with new students and assist them with their transition to OSU. For more information go to <http://oregonstate.edu/newstudents/employment/home> and/or attend one of the information sessions listed on the website.

START Leaders work throughout the summer assisting with OSU's orientation, advising, and registration program: START. START Leaders also the opportunity to participate in CONNECT programs. START Leaders are required to take a Spring Quarter training course. This position is a paid position, with pay beginning during the summer. Applications are due February 14th.

U-Engage Peer Leaders work with a faculty member to coordinate a U-ENGAGE First-Year Experience course during Fall term. The U-Engage Leader position is not paid, but you can receive internship credit. Peer Leaders are also required to take a Spring Quarter training course. Applications are due February 4th.

Go Beavs!

Forward newsletter submissions to nancy.brickman@oregonstate.edu by **Friday** each week. Prior newsletters archived at <http://cce.oregonstate.edu/node/223>