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Calendar

Thursday, Jan. 8 – Kearney Hall, Third Floor, 5:30 p.m. – OSU CCE Graduate Student Pizza Night –
We are calling on all OSU CCE graduate students to get together for a **Pizza Night**. The school would like your input about your experience in the OSU CCE graduate program in order to help guide future decisions about graduate recruitment and the direction of the program. As an added bonus, come enjoy pizza with your colleagues as we kick off the 2015 Winter term!

In the News

- **OSU CCE assistant professor Armin Steudlein** has been selected to serve as one of three USUCGER representatives on the PDCA/USUCGER Council.

The Pile Driving Contractors Association (PDCA) and USUCGER have agreed to form a joint council to facilitate research, scholarships, and practical training (internships and Co-op students) related to the pile driving industry. Through the Council, the PDCA will identify and propose geotechnical research topics with a specific focus on issues related to the pile driving industry. The PDCA's goals are to not only propose topics and provide in-kind support but in the long-term to also provide financial support for the research. The Council will also work with PDCA to support their newly-established scholarship fund for graduate students involved in research related to the pile driving industry and the newly-established internship and Co-op programs.

- **"[The day that changed tsunami science](#),"** – **PBS News Hour**. It was the deadliest tsunami in recorded history. Thousands of miles away, the disaster shook scientists to their core. But the catastrophic loss of life changed tsunami science forever, said Harry Yeh, professor of civil engineering at OSU.

Connect with OSU CCE through our [OSU CCE LinkedIn group](#), [Facebook page](#), and on [Twitter](#)!

OSU Engineering Research Expo

- **OSU is pleased to announce the inaugural [Engineering Research Expo](#) will be held on March 4, 2015, at the Oregon Convention Center in Portland, OR.** Graduate students will have the opportunity to share their work through poster presentations with industry partners, alumni, the media, prospective students, their peers, other academic institutions, and more.

The public will have the opportunity to interact directly with individual students, ask questions, and exchange ideas. Our students will benefit from learning to explain why their complex research matters and to build their professional networks.

[Submit an abstract today](#) as the deadline is this Friday, January 9! For more information, visit the [expo website](#).

Student Groups and Speaker Meetings

- **Engineers Without Borders - OSU** is hosting a concert and celebration, Lela Fête, to help raise funds for sustainable water sources in Lela, Kenya, on January 10. The event will be held at the Whiteside Theatre on 4th & Madison in Downtown Corvallis and will feature music by The

Unknowns from Corvallis and Simba & the Exceptional Africans from Moscow, Idaho. The doors will open at 5:30pm, at which time African cuisine will be available for purchase, and the music will start at 6:30pm. All proceeds will go directly towards the implementation of additional water sources in Lela. Tickets (\$10) are available in Kearney 101 or online at lelafete.brownpapertickets.com.

Advising Updates

- **OSU CCE advisors** are currently taking walk-in appointments through the 16th.
 - **Graduates students**, please be [advised of the deadlines](#) for completing your final degree requirements. Visit the [graduate school website](#) for more information.
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Opportunities and Scholarships

- **Current OSU CCE graduate students, we need your help!** We are calling on all OSU CCE graduate students to get together for a **Pizza Night on Thursday, Jan. 8, at 5:30 p.m.** on the third floor of Kearney Hall. The school would like your input about your experience in the OSU CCE graduate program in order to help guide future decisions about graduate recruitment and the direction of the program. As an added bonus, come enjoy pizza with your colleagues as we kick off the 2015 Winter term!

- **Interested in or scheduled to take the Oregon Fundamental of Engineering Exam? OSU is offering a FE Review Class** so you can better prepare for the exam! The class will take place on Wednesdays and Thursdays from Jan. 14 – Feb. 18 from 7:00 – 9:30 p.m. in LPSC 125. [Register online now!](#)

Still undecided about whether or not to take the FE Exam? [Take a look at the attached pamphlet](#) to learn why taking the FE exam as an undergrad is important and can help you prepare for a career as a licensed professional engineer.

- The Oregon State University Driving Simulator research group of Civil Engineering (Transportation) Department is seeking participants for a driving simulator study. The research study will last about 50 minutes and is on a completely voluntary basis. Participants will be provided \$20 cash compensation. Eligible drivers to participate: have a valid intermediate or unrestricted driver's license and who are between the ages of 18 to 75, have at least one year driving experience, and have normal or corrected-to-normal vision (contacts lenses are OK, however glasses cannot be allowed). Interested individuals should contact David Hurwitz, by phone at 541-737-9242 or e-mail at david.hurwitz@oregonstate.edu.

- **Want to Join the ASCE OSU Student Chapter?** Just see Cindy Olson, fill out a brief, 1-page application form, and pay \$15 to join the OSU student chapter of ASCE. Then, we'll send in your name for FREE national membership.

Note that you need to renew with ASCE each year before the first of the year. National membership is free! Your local OSU chapter membership is good for the entire time at OSU – no need to renew. Cost is \$15 and gives you access to all of the chapter's activities. You should be a member of both the ASCE national and the OSU student chapter.

Current ASCE student members – PLEASE RENEW YOUR NATIONAL MEMBERSHIP ASAP for FREE! Just send an e-mail to member@asce.org. You don't need your ASCE ID# to do this. Or, go to the [link](#).

Recent Graduates who are ASCE student members – [Upgrade your membership to professional status \(Associate Member\) for FREE!](#)

Please do it today. [Lots of benefits!!](#)

Here at OSU, the ASCE student chapter has a concrete canoe team, steel bridge team, and does a number of community service projects (including a clean water project in Nicaragua this past summer). Join today! [Contact Tom Miller](#) if you have any questions.

- **OSU Women's Giving Circle Grant Opportunity:** Please consider submitting a proposal for an OSU Women's Giving Circle grant. Founded in the spring of 2003 by a group of OSU alumnae and friends, the Women's Giving Circle has awarded more than \$600,000 in grants to enhance the undergraduate student education and experience at OSU. Last year, the Women's Giving Circle awarded more than \$65,000 to seven OSU programs.

[Apply for a grant online.](#) Please note all proposals are due by **Friday, January 16, 2015**. Grants will be awarded in May 2015.

- [The American Association of University Women \(AAUW\) fellowship or grant application is now open!](#) Deadlines for 2015–16 awards are fast approaching. To learn more about the opportunities, or to apply, [visit their website!](#)

- **DCI Engineers and HDG Design Group are sponsoring a travel scholarship competition** for one architectural, structural engineering or interior design (3rd, 4th year or graduate level) student to travel abroad this summer. This is an excellent opportunity for “designers” to learn first hand about the roots of architecture.

The contest deadline is **January 15th** and a winner will be selected on February 3rd. Travel must take place this summer, prior to August, 1 2015. [Enter the contest online](#) or contact the company [via email](#) with questions.

- [The Association of State Dam Safety Officials undergraduate scholarship application](#) is now open. Scholarships will be awarded for the 2015/2016 school year and have ranged from \$5,000 to \$10,000 in recent years. Successful recipients must be U.S. citizens and enrolled full-time at the senior level (during the 2015/2016 school year) in an accredited civil engineering program, or in a related field as determined by ASDSO, and must demonstrate an interest in pursuing a career in hydraulics, hydrology or geotechnical disciplines, or in another discipline related to the design, construction and operation of dams.

Undergraduate students planning to graduate in May/December 2016 will be eligible for the 2015 scholarship. [Deadline is March 31, 2015.](#)

- [Applications for the Chateaubriand Fellowship](#) are now open. The program may interest graduate students who have an interest in collaborating with French researchers. Visit the link for more information or to apply.

- [Applications for the RISE \(Research Internships in Science and Engineering\) are now open!](#) RISE is a summer internship program for undergraduate students from the United States, Canada and the UK in the fields of biology, chemistry, physics, earth sciences and engineering. RISE offers unique opportunities (sample here) for Bachelor students to work with research groups at universities and top research institutions across Germany for a period of 2 to 3 months during the summer. RISE interns are matched with doctoral students whom they assist and who serve as their mentors. The working language will be English. All scholarship holders receive stipends from the DAAD to help cover living expenses, while partner universities & research institutes provide housing assistance. Apply online today! [Deadline is January 15.](#)

- **The National Research Council of the National Academies** sponsors a number of awards for graduate, postdoctoral and senior researchers at [participating federal laboratories and affiliated institutions](#). These awards include generous stipends ranging from \$42,000 - \$80,000 per year for recent Ph.D. recipients, and are proportionally higher for Senior Associates. [Graduate](#) entry level stipends begin at \$30,000 and are higher for additional experience. These awards provide the opportunity for recipients to do independent research in some of the best-equipped and staffed laboratories in the U.S.

More detailed information and an online application can be found at www.nationalacademies.org/rap.

There are four annual review cycles:

Review Cycle: **February**; Opens December 1; Closes February 1

Review Cycle: **May**; Opens March 1; Closes May 1

Review Cycle: **August**; Opens June 1; Closes August 1

Review Cycle: **November**; Opens September 1; Closes November 1

Questions should be directed to the NRC at 202-334-2760 (phone) or rap@nas.edu.

Applicants should contact prospective Adviser(s) at the lab(s) prior to the application deadline to discuss their research interests and funding opportunities.

- [The Wire Reinforcement Institute \(WRI\) Education Foundation](#) is sponsoring scholarships ranging from \$2,000 to \$4,000 for beginning and continuing engineering students seeking undergraduate or graduate degrees in civil or structural engineering. As the concrete construction industry's leading advocate for structural welded wire reinforcement (SWWR), WRI knows the value of a well reinforced foundation, whether it's to support a building or build a career.

APPLICATIONS AND SUPPORTING DOCUMENTS ARE DUE APRIL 15, 2015. For scholarship details and application materials, [please visit their website](#).

- **This summer, Cal Poly will again be providing research experiences for undergraduates through their NSF REU Program, "Sustainable Management and Beneficial Reuse of Wastes and Byproducts."** Ongoing fundamental research at Cal Poly involves waste management, pollution prevention, waste to energy conversion, and beneficial reuse of wastes and byproducts. The REU program engages students on research supported by the [Global Waste Research Institute](#), an interdisciplinary organization at Cal Poly focused on promoting collaborative and cutting-edge research and educational activities. During the past two summers, many of the REU participants have completed projects related to geotechnics.

Students interested in applying to the program should indicate such interest by e-mail as soon as possible to [Dr. Gregg Fiegel](#), Professor of Civil and Environmental Engineering at Cal Poly. Dr. Fiegel will send interested persons a formal application package directly. The review of applications will begin in mid-February 2015 and will continue until all available research positions are filled.

- [The Pacific Northwest Section of the American Water Works Association](#) is offering scholarships to students attending colleges and universities in the region. The scholarships are intended for students whose training will lead to a career in public water supply and who are enrolled in civil or environmental engineering, water/wastewater technology or allied fields. Last year's awards ranged from \$2000 to \$4000. [For more information, or to apply, visit their website](#). Deadline is Feb. 27.

Available Classes

- [GRAD 511: Designing a path for success \(CRN 40400\)](#).

OSU hears from students over and over again that they wished they had multiple opportunities to learn about the academic expectations and student services that are essential to their success. In response to this wish, the Graduate School has developed an orientation course - GRAD 511: Designing a path for success (CRN 40400). It is offered this winter term as an online course.

The topics the course covers include:

- Overview of OSU's student services and its Land Grant Mission
- Graduate appointment and financing your education
- Milestones for academic success
- Mentor/mentee relationships, expectations, professional goals and student conduct
- Teaching and learning
- Learning outcomes
- Research integrity and safety
- Research innovation and commercialization

- Promoting diversity
- Engagement and communicating the impact of your scholarly activities and creative works

At the end of the course the student creates an “Graduate Success Portfolio” that includes:

- a draft program of study,
- committee membership (with reflections on the contribution that each member brings to the student’s progression),
- timeline for academic milestones,
- an individualized academic, professional and person development plan (IDP), and
- an draft impact statement on the value of their scholarly and creative activities

For more information, contact OSU Graduate School associate dean [Anita Nina Azarenko](#).

Jobs

(all current jobs posted at <http://cce.oregonstate.edu/civil-construction-jobs>)

- [Hayden Homes](#) is seeking summer interns! The company will hold a speaker meeting on Monday, February 9 followed by a day of on-campus interviews on February 10 in Kearney 101C. To sign up for an interview, please submit your resume to Kearney 101B no later than 12:00 p.m. on Monday, February 2.

- [Whiting-Turner](#) will be on campus February 12 and 13 for a speaker meeting followed by a day of interviews. To apply for their full time or internship opportunities, please bring your resume to Kearney 101B no later than Thursday, February 5 at 5:00 p.m.

- **Delta Construction (deltasg.com) is hiring a Civil Sitework Estimator.** If interested please send cover letter and resume to [Stanley H. Pickett](#) ASAP.

- [Phoenix Industrial](#) is seeking full time position candidates. If you are interested, please bring your resume to Lauren Farmen in Kearney 101B by January 15. She will pass your information along to the company.

- [HDR, Inc.](#) is seeking a new Traffic EIT (137589). [Please visit this link for more information and directions on how to apply.](#)

- [Alaska DOT&PF Bridge Section](#) is seeking an entry level structural engineering with a background in bridges. They will consider all applicants but prefer students with an advanced degree. [Apply online.](#)

- [ODOT](#) is seeking a Research Analyst 4 – Research Coordinator. [Follow this link](#) for a complete position summary and directions on how to apply.

Note: If you are still interested in an interview with any company that has come to campus, but were unable to get an interview, we encourage you to bring your resume to their speaker meeting. You may also submit your paperwork to Lauren Farmen in Kearney 101B, and she will submit it to the company.

Go Beavs!

Forward newsletter submissions to michael.collins@oregonstate.edu by **Friday** each week. Prior newsletters archived at <http://cce.oregonstate.edu/news-events>.