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Calendar

Thursday, Jan. 21 – Kearney Hall, Room 311, 10:00 a.m. – Faculty Candidate Presentation – “Robustness in Steel Buildings” – Judy Liu, Associate Professor of Civil Engineering and Associate Director of Bowen Laboratory, Purdue University.

Wednesday, March 4 – [OSU COE Engineering Research Expo 2015](#) – Oregon Convention Center, Exhibit Hall A - See how College of Engineering graduate students are applying new ideas and innovations to solve the world's greatest challenges. This event is free and open to the public, but [registration is required](#).

In the News

- **Congratulations to current OSU CCE transportation engineering graduate student Dylan Anderson as he received the Best Oral Presentation award at the 2015 Transportation Research Showcase as part of the Dwight David Eisenhower Transportation Fellowship Program.** Anderson received the award for his presentation, “Platform Edge Detection and Protection Effects on Platform-Train Interface Safety.” An abstract of his presentation can be [found online](#).

- **[Looking for a STEM career that is in high demand?](#)** Geotechnical engineering might be the career for you!

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

Student Groups and Speaker Meetings

- **Tuesday, Jan. 20 – Kearney Hall, Room 124, 4:00 p.m. – Concrete Canoe Meeting** – Design paper rough drafts. Contact truonand@onid.oregonstate.edu with questions.

- **Tuesday, Jan. 20 – Kearney Hall, Room 212, 6:00 p.m. – AGC Speaker Meeting, Quest Civil Constructors** – They will be holding on-campus interviews the morning on Wednesday, January 21 in Kearney 101C. To sign up, please bring your resume to their speaker meeting.

- **Wednesday, Jan. 21 – Owen Hall, Room 102, 6:00 p.m. – ASCE Speaker Meeting, Collins Engineering** – Possible topics include: marine/waterfront/bridge engineering in general covering aspects of seismic, engineer-diver, geotechnical, environmental, electrical and mechanical work. Matt Donahue P.E, Regional Manager, presents.

- **Wednesday, Jan. 21 – Owen Hall, Room 101, 6:00 p.m. – AGC Speaker Meeting, Stellar J** – They will be holding on-campus CEM internship interviews in Kearney 101C on Thursday, January 22. To sign-up, please bring your resume to Kearney 101B ASAP!

- **Thursday, Jan. 22 – Kearney Hall, Room 212, 6:00 p.m. – AGC Speaker Meeting, Gerding Builders** – They will be holding on-campus interviews on Friday, January 23 in Owen 201. To sign-up, please bring your resume to their speaker meeting.

- **Friday, Jan. 23 – Kearney Hall, Conference Rooms – ASC Student Competition Dry Run**

- **Saturday, Jan. 24 – Veterinary Dairy Barn, 9:00 a.m. – Concrete Canoe Pour Day** – Mandatory

event for Concrete Canoe participants. Contact truonand@onid.oregonstate.edu with questions.

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.

Opportunities and Scholarships

- 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.

- **The next Structural Engineers of Oregon monthly meeting and dinner will be held on January 28th, 2015 at 5:30PM (at the Sentinel Hotel on 11th Ave in Portland).** The topic of the presentation will be "Common Errors in Wind Design" highlighting typical mistakes made when designing structures for wind loads according to the 2010 edition of ASCE 7. The presentation will be given by Emily Guglielmo from Martin/Martin in San Francisco who is also the chair of the national younger members support committee of NCSEA (the parent organization to SEAO). In addition to the technical presentation, representatives from each of SEAO's committees (including the Younger Members group) will have a table to talk about what that committee does. If you are interested in attending the meeting contact Prof. Tom Miller (Thomas.Miller@oregonstae.edu) and he'll also work to arrange a ride for you as well. [Deadline for registration is January 23rd.](#)

Getting involved with SEAO is a great way to make professional contacts and to talk to potential employers on a one-on-one basis. For the students attending, a representative from the SEAO board or younger members group will help introduce you to the structural engineers there.

- **The University of Nebraska will be offering a summer research experience program** for undergraduates entitled "[Sustainability of Civil Infrastructure in Rural Environments.](#)" During the ten-week summer research program interested undergrads will work with faculty and graduate students to improve understanding of how best to address myriad challenges facing rural environments. Applications review will begin February 1st, [visit the website for application forms or for more information.](#) Please direct any questions to [Dr. Shannon Bartelt-Hunt.](#)

- **[NASA Aeronautics Scholarship Program](#)** is accepting applications from students majoring in aeronautics related fields. Undergraduates with at least two years of study remaining are eligible to receive up to \$15,000/year for two years and a summer internship with a \$10,000 stipend. Graduate student awards include up to \$11,000 in tuition offset, \$35,000 stipend/year for two years and a summer internship with a \$10,000 stipend. Applicants must be U.S. citizens. Applications are due March 31, 2015. More information can be [found online.](#)

- **NASA's Office of Education is accepting applications for the [Minority University Research and Education Project](#), or MUREP, scholarship program.** The MUREP Scholarship is a competitive opportunity that focuses on underserved and underrepresented students in STEM disciplines attending a Minority Serving Institutions, MSI. The scholarship includes 75% of tuition up to a \$9,000 per academic scholarship, based on tuition amount, and \$6,000 for a summer internship. Applications are due March 31, 2015. More information can be found [online.](#)

- **[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.](#)

- **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](#).

- **The Willamette MBA STEM Scholarship program** is a merit-based scholarship for eligible U.S. citizens or permanent residents who completed an undergraduate major in a STEM area (science technology, engineering and mathematics) in the United States. Applicants who meet the criteria and are selected for this scholarship will receive a scholarship ranging from \$23,000 (62% of tuition) to approximately \$37,000 (100% of tuition). For more information about the requirements for this scholarship [visit their website](#). Applicants for admission interested in consideration for the Willamette MBA STEM Scholarship must complete their application process by February 15.

- **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.

Jobs

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

- **Griffin Construction Co.** is looking for a project engineer from this year's graduating class and a summer intern (all classes welcome to apply.) They are a local (Central Oregon Based) general

contractor. All of their work is in Oregon (at this point) and they tend to focus on jobs around central Oregon, but do work all over the state. They focus on commercial (building) construction with no heavy civil. To apply, send your resume to Samuel Griffin via [Beaver Careers](#). He will be signing students up for on-campus interviews at the [Winter Engineering Career Fair](#) on February 19.

- **Hoffman Construction Company is seeking a full time Project Office Manager** for their Corvallis, OR, based projects. It is a great opportunity to get your foot-in-the-door with a well-established construction company.

- **RedBuilt is seeking summer interns!** Please submit resumes by February 2, 2014 to cleis@redbuilt.com.

- **Glen/Mar Construction** has just landed a large project in Menlo Park, CA, and needs a LEED AP project engineer and a superintendent (both with a few years' experience) within a few weeks. If you are qualified and interested, or know someone who is, please send resumes to [Lauren Farmen](#).

Lauren Farmen is currently accepting resumes for Quest Civil Constructors, NECA, Phoenix Industrial, Cowen Construction, Whiting-Turner, Hayden Homes, Stellar J, and Howard S. Wright. For more information, come to Kearney 101B.

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>.