

## Quick Links

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## Contact Us

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## Calendar

NOV 1, Thurs – [CEM Pro Apps](#) due. No late applications accepted.

NOV 2, FRI – CCE Industry Advisory Board Meeting, 311 Kearney Library.

NOV 2-4 – [Dads Weekend](#).

NOV 3, Sat – [AGC Tailgater](#)

NOV 4, Sun - Spring Forward | [Fall Back](#). Time to change your clocks back one hour.

## Opportunities

OCT 31, Wed - Women in Science: How to use your graduate degree outside of academia, Kerr Admin Building Basement B008, 9am. **Women in Science** is intended for graduate students, post-docs, and new faculty in all scientific disciplines, although anyone with an interest in issues concerning women in science is welcome to attend. These career workshops are put on by OSU Career Services and sponsored by WIS. Workshops are free, open to all, with no RSVP or registration necessary. Email [allison.barner@science.oregonstate.edu](mailto:allison.barner@science.oregonstate.edu) if you have any questions.

OCT 31, Wed - The next evaluation date for the College of Business' new [Innovation Management Double Degree program](#) - this is the last one before priority registration. Similar to the Education Double Degree, students must have a primary major in something other than business. Students are required to watch/listen to the short orientation video as their first step toward being evaluated for eligibility. There will be another evaluation in Week 10 for those who watched the video and submitted their information after Oct 31. We generally do evaluations week 2, 6, and 10 each term. Any questions can be directed to the College of Business Advising Office (541-737-3716).

NOV 1, Thurs - **Graduate School Panel**. This is a great opportunity for students to learn more about the application process, as well as the factors to consider when deciding to attend graduate or professional school. This session is open to all majors and interest areas. Representatives from OHSU Medical School, George Fox's Physical Therapy program, Willamette's MBA program, as well as OSU's Colleges of Engineering, Agricultural Sciences, and Pharmacy will be in attendance. 202 Furman Hall, 4-5:30pm.

**CE Juniors** - if you haven't had your picture taken, please stop by 101 Kearney any afternoon between 2-4 pm. We want you!

**COE Contest** – in conjunction with three upcoming issues of the [Oregon Stater alumni magazine](#), the COE will have a many-page insert included targeted to our approximate 24-25,000 engineering alumni. Tentative topics may include EWB, O.H. Hinsdale Wave Research Lab's [wave maker](#), the [driving/bike simulator](#), and scholarships. The challenge? Name the insert! Similar inserts by Forestry titled their publication, "[Focus](#)," and Public Health & Human Sciences use "[Synergies](#)". All faculty, staff and students are invited to nominate suggestions (forward to [Nancy](#)). Winner will receive a bamboo thumb drive!

**Wave Lab Dad's Weekend Open House:** Volunteers needed to provide tours for the - no experience necessary! Training, wave lab t-shirts and lunch provided. Training on Oct 31st from 4-5 PM and Nov 1st from 12-1 pm. It's a fun time, bring a friend! To sign

up or for more information contact [Alicia Lyman-Holt](#), 7-3665.

**[Humans versus Zombies](#)**, a student-led activity, takes place October 26 through Sunday November 4, 2012 at 11:59 pm, on the grounds of campus. This outdoor-only tag game features teams of students as humans and zombies, all wearing identifiable head and arm bands with the letters HVZ on them. Players will be carrying brightly colored Nerf toy blasters. Game moderators will be wearing identifiable arm and headbands. Any students or staff with concerns should contact Campus Public Safety non-emergency number, 541-737-3010. Students participating in this event are also asked to stop what they are doing if a campus community member requests them to do so. For more information email [mods@osundead.com](mailto:mods@osundead.com).

**AGC of America** is pleased to offer deeply discounted registration rates for students and faculty to attend our 2013 Annual Convention, March 6-9 in Palm Springs, with the Annual Student Chapter meeting (open to students and educators) to be held Wednesday afternoon. Students and faculty should use the regular registration button <http://convention.agc.org/registration.html>. Toward the end of registration, there will be a spot where you can enter a discount code – this is where students and educators will receive their discount, so it is VERY IMPORTANT to enter the correct code. Students' discount code: CONVSCM; Educators' discount code: CONVEDU. When the discount is entered properly, a student will be charged \$75 and an educator \$150. Please note: the discount does not apply to the "additional ticketed events" that charge an additional fee for attendance. Please email [meetings@agc.org](mailto:meetings@agc.org) if you have additional questions on the registration process. Complete conference information is available: <http://convention.agc.org/>

**Learn more about the federal jobs application process** and the latest career opportunities at the Department of Energy (DOE), contact your Energy Student Ambassador, Ahmad Mohammad! Nov 1, Nov 8, Nov 15 and Nov 29. From 10-12 at Career Services, room B008 located in the basement of Kerr Administration Building. Or E-mail for an appointment, [Ahmad.mohammad@hq.doe.gov](mailto:Ahmad.mohammad@hq.doe.gov)

**Free Workshops at OSU Libraries:** The OSU Libraries Fall 2012 Grad Student & Faculty Workshop series continues with free sessions on Data Management (Oct 30) and Web of Science (Nov 1). Register for these and upcoming sessions at: [http://bit.ly/graduate\\_workshops](http://bit.ly/graduate_workshops).

**Cayuse 424 and Cayuse SP Training:** The Office of Sponsored Programs will offer training on the Cayuse 424 and Cayuse SP proposal system on Oct. 30, from 1:30 to 3 p.m. in MU 211. Any interested faculty and/or staff are welcome, but attendance is limited to 35. Send an e-mail to [sponsored.programs@oregonstate.edu](mailto:sponsored.programs@oregonstate.edu) in order to reserve a space. This session will be offered at least monthly throughout 2012.

The **[Oregon National Guard](#)** would like to remind students to apply for their Officer Candidate opportunities, which are open to all majors. They will get \$50,000 in student loan repayment and a \$10,000 accession bonus.

**Undergraduate Research Funding Opportunity** - The Research Office is accepting applications for the Undergraduate Research, Innovation, Scholarship and Creativity (URISC) program for Winter and/or Spring term(s) 2012-13. This program supports undergraduate research activities from all academic disciplines within the University. [Program description and application here](#). Submission deadline is November 5.

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## Scholarships / Fellowships

Upcoming application deadlines. [See all opportunities here](#).

- Asphalt Pavement Association of Oregon, November 9
- AGC Foundation National Scholarship, November 1
- Asian Pacific Community Fund - Verizon Scholarship Program, October 31
- Coral Sales, October 29

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## Student Groups

OCT 29, Mon – **Chi Epsilon Meeting**, 205 Kearney Hall, 6pm. Open to all members.

OCT 30, Tues - **Mentors 360 Roundtable**, a joint AGC and ASCE event. There will be Presidents and other executive level leadership from several general contractors and subcontractors at the event with the theme of “Competing in Challenging Times”. It will be a great opportunity for students to network and ask questions with industry professionals. 112 Kearney Hall, time tba.

### [AGC Speaker Meetings](#)

- OCT 31, Wed - Granite Construction, 112 Kearney, 6 pm
- NOV 1, Thurs – LCG Pence, 112 Kearney, 6 pm

NOV 1, Thurs – [ASCE Speaker Meeting](#), with Sam Rihani, President of ASCE Structural Engineering Institute. 312 Kearney Hall, 6pm. Refreshments provided.

NOV 3, Sat – **AGC Tailgater**. Sign up in 101 Kearney Hall to bring your dad! *Limited spots available*. The tailgater begins 3 hours before kickoff and is located in the main parking lot of Reser Stadium near the Valley Center. Faculty & staff are also welcome to come (please RSVP to [Curtis Shepherd](#)). All food and drinks are provided by the AGC Oregon-Columbia Chapter. Our AGC student chapter is providing raffle prizes. Hope to see you there!

NOV 10, Sat - ASCE's [Infra2012](#) (*previously known as host-a-student dinner*) 1-7:00 pm in Portland at The Cleaners, Ace Hotel. Great Networking Opportunity! We will provide transportation; leave around 10:30 am from Owen Hall, return 9:00 pm. Trip includes bag lunch, site tours, social hour and is Free! Please sign up with Cindy in 101 Kearney with \$5 deposit that is refundable upon your attendance on the 10th.

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## Interviews

NOV 2, Fri - LCG Pence. Sign up for interviews with Cindy in 101 Kearney.

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## Jobs

[COE Academic Coaches](#) - promotes student persistence among engineering students and supports student academic success in the College of Engineering. This student employee position provides one-on-one academic coaching for students who wish to work on issues affecting their academic success. Academic Coaches also develop and present academic success workshops for Engineering students, and maintain drop-in coaching hours at The Engineering HUB (Engineering Student Success Center). Training and orientation will be provided to prepare students for this peer support position. Deadline to apply November 5.

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[Walsh Construction](#) - Integrated Design **Project Engineer** for our Seattle, Washington office. The ideal candidate will have 2+ years integrated design management, modeling and/or project engineer experience with an A/E/C industry firm. This position assists a team of project managers and superintendents.

Essential responsibilities include:

- Effectively use modeling technology to:
  - develop field, construction & layout drawings
  - document coordination efforts in advance of shop drawings for sub trade coordination and construction

- Perform simulations and create clash reports and resolution actions as necessary to resolve design conflicts in WCC models.
- Conduct complete and accurate quantity take-offs; ensure correct materials and quantities are scheduled to arrive in a timely manner
- Understand, execute and manage the submittal process
  - Review shop drawings for coordination with other trades and compliance with contract documents
  - Expedite, approve and track submittals and shop drawings
- Assist with developing and tracking the project schedule
- Understand, execute and manage the CIC process (change in construction):
  - Prepare, distribute and track RFI's (requests for Information)
  - Process and track subcontractor change orders
- Develop, organize and maintain project close-out documents.

Additional Requirements:

- Must be an efficient, organized, multi-tasking and positive minded team player.
- Demonstrated experience in required software: AutoCAD, Revit & Navisworks.
- Familiarity with AutoCAD Civil integration, field layout and points development software a plus.
- Understanding of interoperability issues between software platforms and experience troubleshooting data exchange.
- Working knowledge of computer programs including: Excel, Word, Outlook, MS Project, Bluebeam Revu & project management systems such as CMiC.

Education and/or Experience:

- **Formal Education:** Degree in building science, construction management, engineering or architecture preferred or equivalent experience.
- **Previous Job Performance/Experience Required:** General working knowledge of wood frame and concrete multi-family and commercial construction.

We are committed to our most valuable resource - our employees. We recognize that we can only ask for a strong commitment from our people if we make a strong commitment to those who make us successful. In addition to competitive pay, we offer exceptional benefits including profit sharing, 401(k), free employee health plan, life, and more.

If you are interested in a long-term opportunity and enjoy a professional challenge, apply online at [www.walshconstructionco.com/careers.aspx](http://www.walshconstructionco.com/careers.aspx). WCC is a drug-free workplace and an Equal Opportunity Employer.

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**FHWA Summer Internship** - The [Summer Transportation Internship Program for Diverse Groups](#) (STIPDG) provides currently enrolled college students with the opportunity to gain meaningful work experience in the transportation field, through assignments with FHWA and the other Operating Administrations within the Department of Transportation. It is intended to give students a hands-on understanding of transportation careers while working on specific program office projects, special assignments, or research, at a DOT Headquarters or field facility. It is a program of long-standing in the Federal Highway Administration (FHWA), and it has served as an important student educational initiative for both the "ONE DOT" effort and the Garrett A. Morgan Technology and Transportation Futures Program.

The program is primarily for students who are majoring in transportation or in transportation-related careers, such as civil engineering, transportation engineering, urban or regional planning, logistics, transportation management, environment, and hazardous materials. Students may also major in a variety of other fields that are used in the transportation profession, such as, but not limited to, economics, management information systems, public administration, finance and business administration, marketing and mass communications, law or aviation science.

The application deadline is December 23, 2012. For more information on the STIPDG program, please feel free to contact [nathaniel.price@dot.gov](mailto:nathaniel.price@dot.gov) at 503.316.2566.

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**Assistant Project Manager** - Ken Leahy Construction, a well-established west side Excavation and Utility Contractor has an immediate opening. CEM or PM degree, on the job experience or related training required. Knowledge of MS Office Applications (Word, Excel, etc.), HCSS Heavy Bid Software, Auto Cad, Agtek Earthwork 3-D, survey/layout and similar skills preferred. Please apply in person at 915 S. 12th Avenue, Cornelius, Oregon, download application at [www.kenleahy.com](http://www.kenleahy.com) and email with resume attached to [employment@kenleahy.com](mailto:employment@kenleahy.com), or fax to 503-357-3649. Competitive Compensation and Benefits. Equal Opportunity Employer.

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**Greenbelt Land Trust** has an immediate PAID opportunity (internship or tentatively, short-term position) for a qualified student with GIS background. We are hoping to interview candidates by the end of this week for a position that would run for about one month, between now and November 30th. This would be an exciting opportunity for an upper division undergrad or graduate student in geosciences, earth or life sciences, the GIS certificate programs, or related fields to

apply their digitizing skills to a real-life, highly local, conservation-focused project.

The successful candidate would be proficient with basic tasks in ArcGIS, able (or willing to learn) to quickly georeference images, and be a mature self-starter with excellent communication skills. The student would work with ArcGIS to digitize 16 images each containing approximately 2-10 polygons (some adjacent) representing features on Bald Hill Farm. They would then create a corresponding attribute table for numbered parcels, and make one or two basic maps with the newly digitized data. Orientation and training would be provided by our stewardship program manager.

We estimate that it would take someone with digitizing experience 15-30 hours to do this project. Pay would be \$10/hour to the qualified candidate in lieu of or addition to academic credit. We'd be interested in offering the opportunity as an academic internship if it would be possible for the student to earn credit through OSU, in this term or retroactively in a future term. If students express interest in this project, the student, Greenbelt staff and the advisor should communicate to determine credit options.

Please contact [Elizabeth Records](#) for additional details on the position, or to apply by sending a resume with 2 references (at least one GIS-related), CV with GIS coursework, and answers below. The position closes when filled or Friday October 24th at 5pm.

1. Describe your experience with digitizing polygons from an image, discussing each step you completed and discussing what the finished product was used for.
2. What keeps you focused and motivated when doing repetitive work like digitizing polygons?
3. Describe an experience completing a GIS project on a deadline.
4. Why are you interested in an internship with the Greenbelt Land Trust?

Go Beavs!

Forward newsletter submissions to [nancy.brickman@oregonstate.edu](mailto:nancy.brickman@oregonstate.edu) by **Friday** each week. Prior newsletters archived at <http://cce.oregonstate.edu/news/>