

## Quick Links

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## Contact Us

School of Civil and  
Construction Engineering  
Oregon State University  
220 Owen Hall  
Corvallis, OR 97331  
541-737-4934  
[cce@engr.oregonstate.edu](mailto:cce@engr.oregonstate.edu)  
<http://cce.oregonstate.edu/>

## Calendar

MAR 6, Tues - **Interested In Grad School?** Attend an info session in 212 Kearney Hall, 4-6pm for OSU seniors. Faculty will meet with you discussing your interest in individual areas of concentration. Light refreshments will be served.

MAR 7, Thurs – **CCE Faculty Meeting** with COE Grant Technicians, 311 Kearney Library, 4pm.

MAR 8, Fri – “[A Framework for Ethical Decision-Making](#),” presented by Colleen Murphy and Paolo Gardoni (both from University of Illinois at Urbana-Champaign). 112 Kearney Hall, 2pm. All are welcome.

MAR 8, Fri – “[Reliability of Civil Infrastructure Systems Subject to Multiple Hazards](#),” presented by Paolo Gardoni (University of Illinois at Urbana-Champaign). 112 Kearney Hall, 4pm. All are welcome.

MAR 11, Mon – CE 419 Capstone Oral Presentations, 111 Kearney Hall, all day.

MAR 11, Mon – **Science Pub**, “[Why It’s Wrong to Wreck the World: Ethics and Climate Change](#),” presented by Kathleen Dean Moore, author and Distinguished Professor of Philosophy, OSU. Old World Deli, 6-8pm.

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## In the News

**Congratulations** to new parents, **Joe and Ericka Fradella**, who welcomed Ms Layla Annabelle Fradella to the world on February 28.

And, **Dr. Chris Lee** and his wife **Shin** also announce the birth of their son, Mr Inha Ryan Lee, born on Saturday, March 2 (*10 days earlier than the due date*).

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[Building wells, relationships](#) (OSU Barometer)

CCE students Jessica Cawley (grad student) and Jordan Machtelinckx (junior) pump a new well in Lela, Kenya as several children enjoy their new water source. Other CCE students who traveled to Kenya with EWB include names Kristina Milaj (junior) and Rachael Fischer (senior). [See more photos here](#).

[Deadlier than a hurricane](#) (*Pacific Standard*)

Enter Tuba Ozkan-Haller, associate professor at OSU, who for the last five years has been working to develop a model to identify the location of rip currents up to a day in advance.

[College of Engineering honors alumni](#) (*Equities*)

The Oregon State University College of Engineering recently honored some of its most distinguished alumni at the 15th annual Oregon Stater Awards.

[Paula Hammond is retiring from the Washington DOT](#)

Paula was a 2008 Academy awardee at the College of Engineering’s Oregon Stater Awards.

## Seminars

MAR 4, Mon - **Transportation** Faculty Candidate Presentation, 11am, 311 Kearney Library. All are invited to attend.

MAR 7, Thurs - **Structures** Faculty Candidate Presentation, 11am, 311 Kearney Library. All are invited to attend.

MAR 11, Mon - **Structures** Faculty Candidate Presentation, 11am, 311 Kearney Library. All are invited to attend.

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## Opportunities

MAR 4, Mon – “Why It's Hard to Get to Mars?, NASA Astronaut Stanley Love. Milam Auditorium (O26) in Milam Hall at the corner of SW 26th Street and SW Campus Way, 6 pm. The presentation is free of charge and open to the public.

**Review books on sale!** General FE Review Manual, \$70; Civil Specific FE Review Manual, \$60. If you miss the book sale in Owen Atrium, see Dr. Michael Scott (346 Owen Hall) to purchase.

**Business & Entrepreneurship Minor** - the college of Business will review applications on Thursday, 03-14-2013. An online PowerPoint orientation is required for all students wishing to declare a minor in Business & Entrepreneurship. In this presentation, you will receive important information about the College of Business and further instructions for declaring a minor. [See the presentation here](#). Once the presentation is over you will be redirected to a survey you must complete. Within a week you will receive an email with further instructions about the declaration process.

**OSU Student Water Research Symposium** - May 13<sup>th</sup>, put on by the Hydrophiles and the Water Resources Graduate Program. There will be a poster session as well as an opportunity to present your research. For those of you who are just beginning, we are also looking for people to present their research proposals. Prizes will be awarded to the top presenter and poster. To participate, submit an abstract and fill out a form via the [event website](#). Don't forget to also register – it's free! (The abstract submission is not your registration.)

**Scholars' Insight** – is a graduate student competition to communicate impact. OSU Graduate students will have the opportunity to present a three minute "impact" of their scholarly works, to a non-specialist audience at OSU and the Corvallis community. The purpose of the presentations is to generate awareness, stimulate thought, inspire attendees and reach out to the local community. You must be logged in to ONID to access the [online registration](#) form, due before March 15. Presentations will be evaluated for communication style, clarity and structure, inspiration, and impact. First, second and third places will be awarded \$1,000, \$500, and \$250, respectively. Read complete details online.

**Take a FREE Practice Test** - GRE, LSAT, and MCAT at Oregon State University on Saturday, March 9. Check in begins at 9:30 am for the MCAT, LSAT, and GRE in Gilkey Hall. Test Schedules:

LSAT: 10:00 am - 2:15 pm

MCAT: 10:00 am - 2:15 pm

GRE: 10:00 am - 1:30 pm

To register for this free event, fill out the following web form [bit.ly/osumarch2013](http://bit.ly/osumarch2013). Before the event, we will send you an email confirming your registration and providing you with instructions for checking in on March 9.

Each test will last up to 4 hours and will be proctored like an actual exam. Immediately following the exam, you will be able to receive your score report, with full comprehensive feedback on your individual performance, on a web-enabled mobile device (preferably a laptop or tablet). If you are attending the event at OSU,

bring your laptop to enter your answers on the webgrid. One of our instructors will provide a short overview on how to interpret your score report, followed by an optional workshop on test-taking strategies. Kaplan staff will be available throughout the day to answer any questions you may have.

This is a great opportunity for you to see how you might score on the real thing, and also to become familiar with the kinds of questions that will be on the real test. For most students, this exam will be a more realistic test-taking experience as you can practice in the format that mirrors most graduate school exams. For additional information contact Melissa Pruitt, Campus Manager for Oregon, at [melissa.pruitt@kaplan.com](mailto:melissa.pruitt@kaplan.com) or 541-591-4050.

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## Scholarships

### Undergrads

- Oregon State University Retirement Association- March 4
- Gilman International Scholarship – March 5
- American Railway Engineering and Maintenance of Way Association – March 8

### Grads

- University Graduate Laurels Block Grant Scholarship – March 15

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## Student Groups

If your student group is organizing an event for Moms Weekend next term (May 3-5, 2013) and would like some free advertising, contact [Trisha.Kooba@oregonstate.edu](mailto:Trisha.Kooba@oregonstate.edu) (Mom/Dad's and Families Weekend Coordinator Memorial Union Program Council) before 2 PM on March 18 to allow time for proofing, editing, printing and shipping time.

MAR 5, Tues - **AGC Speaker Meeting**, featuring J.H. Kelly in 112 Kearney Hall, 6pm. Dinner provided.

The student chapters of the **American Railway Engineering and Maintenance-of-Way (AREMA)** and **Institute of Transportation Engineers (ITE)** is holding joint speaker events this week. Food and beverages are provided at both meetings.

- MAR 5, Tues - Karl MacNair an engineer from Trimet will discuss his work on the Orange line light rail project and continuing work on maintenance and development of the Trimet light rail network. The meeting will be held at 5:30 in 212 Kearney Hall.
- MAR 7, Thurs - representatives from the Portland office of HDR will discuss their work in rail design and operations and transportation engineering. HDR is a global consulting firm providing architecture, engineering and construction related services. The meeting will be held in 102 Owen Hall at 5pm.

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## Interviews

MAR 4, Mon - [Lease Crutcher Lewis](#) is interviewing in Kearney 201C – TIME SLOTS ARE FULL

MAR 6, Wed - [J.H. Kelly](#) is interviewing in Keaney 101C – TIME SLOTS ARE FULL

MAR 6, Wed - [Oregon Electric Group](#) is interviewing in 201C Kearney Hall. Only one Full-Time Position Time Slot Left! Must come to Kearney 101F to sign up...

MAR 7, Thurs – [Perlo Construction](#) is interviewing in 101C Kearney Hall. Only one Full-

Time Position Time Slot Left! Must come to Kearney 101F to sign up...

MAR 14, Thurs - Stettler Supply Company will conduct on-site interviews for a full-time Project Engineer in Kearney 101C. Sign-up with Lauren today in Kearney 101F!

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## Spring Classes

[CE570 – Environmental Geotechnics](#)

[CE505 - Construction Site Operations and Systems Engineering](#)

Prof Kate Hunter-Zaworski invites CEM students to sign up her [CE 590 Railroad Engineering](#) this spring term.

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## Jobs

**OSU Facilities Services/Construction Management** group is looking to hire 3 – 4 students. We offer flexible hours during the school year and full-time work for the summer on a variety of interesting projects. Typical duties include:

- Review Construction Documents
- Inspect projects
- Attend construction project progress meetings
- Review submittals

In short, our student interns act as project engineers, just as they will in all probability after they graduate. Forward a cover letter expressing interest and current resume to [greg.strombeck@oregonstate.edu](mailto:greg.strombeck@oregonstate.edu). Closing date for consideration March 18, 2013.

INTERN - **Ketchum Enterprises**, a construction management company currently working with the Ridgefield School Dist. located in Ridgefield WA, just north of Vancouver, WA. We need someone at an inter level or with a year or two of experience to assist us this coming summer. We have three school sites and the work will consist mostly of offsite road work which takes place this summer and should be completed prior to September, 2013. Tasks will be:

- Project Meetings
- Meeting Notes
- Site Observation
- Field Reports
- Office filing
- Some Computer IT responsibilities

Contact either Marc Betts [marc@ketchumenterprisesinc.com](mailto:marc@ketchumenterprisesinc.com) or Milt Betts [milt@ketchumenterprises.com](mailto:milt@ketchumenterprises.com), 541-980-4025 with letter of interest.

**Project Engineer** - We are a small Heavy Civil contractor based in Salem with most of our work in the Portland area. We do a lot of work in water and waste water treatment plants as well as booster pump stations. We are looking for someone to work on our team as a project engineer. We have a large project starting this summer in Hillsboro that we are going to need help with and a lot more after that.

Trevor Spires (BSCem '04), General Manager

Main: 503.585.5550, Cell: 503.507.9884

[TrevorS@StettlerSupply.com](mailto:TrevorS@StettlerSupply.com)

1810 Lana Ave. NE | Salem, OR 97301

CCB# 33228

**Project Engineer - PNW Construction.** This position is responsible for providing technical support guidance and direction to the Project Management Team. Maintain contract documents and logs including but not limited to: purchase orders, inspections, daily field reports, OAC meeting minutes, submittal log, ASI/RFI log, and safety meeting reports. Procure shop drawings, samples and other submittals. Facilitate issuing of plans, specifications and document revisions to subcontractors and vendors as well as MCRT staff. Other responsibilities may include contract administration, invitation to bid, estimating and budgeting. [Full details here.](#) Contact

Jeff Oeding | President

MCRT PNW Construction LLC

220 NW 2nd Avenue, Suite 900|Portland, or 97209

**Water Management Internship** – a Seasonal Water Management Assistant (WMA) will gather water use data from water meters to help EWEB understand customer water use patterns and to help customers develop more sustainable practices with their water usage. The WMA will be assigned preliminary data analysis tasks, customer correspondence tasks, and writing summary reports. Follow-up tasks may include onsite visits with customers. This internship pays \$12.00/hour. This program has been shown to have significant impact toward optimizing water utility infrastructure and utility impacts on the environment. Qualifying Students will meet these minimum requirements:

- 3-months experience in working with the public or customer relations.
- Basic knowledge of water use practices and/or water resource issues
- Workable knowledge of Microsoft Excel
- Self-starter, able to work alone and stay on task
- Valid Oregon Driver's License with good driving record
- Eagerness to be a contributing Team member!

Applications Due: 04/19/13

Interviews Starting: 05/06/13

Job starts: 06/24/13

This is a temporary position offered through Kelly Services. Take this opportunity to help Eugene use water more efficiently, while you gain practical experience. For more information contact Kelly Services <mailto:ks5012@kellyservices.com> or 541-687-9558.

### **Inside Sales Construction Supplies**

- Qualify leads by telephone (applicants should expect to spend 3-4 hours per day on the phone). You will be expected to establish relationships with our customers and prospective customers on the phone. You will be expected to help maintain our contact database and conduct research on potential buyers and prepare sales proposal quotations.
- Applicants must possess a strong attention to detail, good math skills, organization skills, as well as competent verbal, written, presentation, and listening communication skills. An extravert personality will be an asset.
- Manage multiple priorities and deadlines while meeting quality standards and on-time delivery.
- Work under tight deadlines (often on short notice).

Candidates must be proficient in document production using MS Office applications Word, Excel and other applicable software. Knowledge and experience with databases including ACT! and SQL preferred. Requirements: 2-3 years college minimum.

Located in the Portland, Oregon Rose Quarter/Lloyd center area. Our firm offers a fast-paced, friendly environment, balanced with an entrepreneurial spirit that values integrity, creativity, and personal responsibility.

\$40K/year plus health insurance and a retirement plan. Free parking and located on the new streetcar line from downtown to OMSI. Compensation: \$40,000.

Please email Bernie Mares, [bernie@versasteel.com](mailto:bernie@versasteel.com), your resume and cover letter; include "Industrial Sales" in the subject line to avoid winding up in spam.

### **Civil Engineering Corps Officer**

Manage construction teams to complete naval facilities projects, public works and general military construction projects (Seabees). Requirements: US Citizen, college degree in civil, mechanical or electrical engineering with competitive GPA, meet physical fitness requirements

Starting Salary: ~\$50,000/ year with military benefits

Commitment: 4 years from date of active duty

Initial Training: Officer Candidate School (OCS) Newport, RI

Additional Training: Civil Engineer Corps Officer School, Port Hueneme, CA

Scholarship Opportunity: Civil Engineer Collegiate Program

Provides active duty pay (\$2,500-\$4,700/month) while studying engineering, without military commitments during college (unlike ROTC program). For more information or to schedule an appointment contact LT Stutzman, Salem Naval Recruiting Office at 503-581-2564.

**Internships** - NASA offers hundreds of paid summer internships for high school, undergraduate, and graduate students in a variety of disciplines from engineering and science to technology, business, and finance. [Click here](#) to complete your base application and apply for up to 15 different internship opportunities with a single application. The deadline is March 15.

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/node/223>