

## Quick Links

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## Contact Us

School of Civil and  
Construction Engineering  
Oregon State University  
101 Kearney Hall  
Corvallis, OR 97331  
541-737-4934

[cce@enr.oregonstate.edu](mailto:cce@enr.oregonstate.edu)

<http://cce.oregonstate.edu/>

## Calendar

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**NOV. 21, Thurs. – 4:30 PM – Geotechnical Lecture Series, Kearney Hall, Room 312.** “Cofferdam Case Histories for Fish Bypass and Dam Removal Projects.” – Scott Schlechter and Stan Kelsay of Geotechnical Resources, Inc. (GRI)

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## In The News

**[EOC Ground Improvement Trials: New Zealand](#)** – CCE faculty members Scott Ashford, Dan Gillins and Michael Olsen along with graduate assistant Kengo Kato recently traveled to New Zealand to assist in a study on liquefaction. The purpose of the study, funded by New Zealand’s Earthquake Commission, is to determine what types of land is vulnerable to liquefaction and the need to improve resilience if building on liquefaction vulnerable land. [Canterbury Television recently ran a news piece](#) on the man-made earthquake testing that took place during their visit.

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## Opportunities

**NOV 14, Thurs. – Exploring a Career in Transportation. Kearney Hall, Room 312.** A presentation on professional career opportunities in transportation engineering and planning by Shaun Quayle and Matt Kittelson of Kittelson and Associates, Inc. For more information, visit [www.kittelson.com](http://www.kittelson.com).

**NOV 14, Thurs. – Engineers Without Borders – 6:00 p.m., Kearney 212.** Engineers Without Borders will host Professor John Selker to speak of his international experiences in Africa and Asia as a young engineer and his current involvement in the Trans-African Hydro-meteorological Survey. EWB would like to open this educational experience to all students and we encourage everyone to attend!

At 7:00pm, the OSU student chapter of Engineers Without Borders will show their recent documentary (“Kel Wer”) of a water well and rainwater catchment implementation project in rural Kenya that took place in 2012. The 30 minute professional documentary will be followed by a Q&A with a panel of students involved in the project. Refreshments will be provided. For more information on EWB-OSU please visit [www.ewb-osu.org](http://www.ewb-osu.org).

**CCE is hosting an OpenSees on the Road event Thursday and Friday, November 21 and 22.** OpenSees is a software framework for simulating the nonlinear response of structural and geotechnical systems to multiple hazards.

Presentations will be made by Dr. Frank McKenna, a research engineering the University of California, Berkeley and the primary developer of the OpenSees framework, as well as by CCE Professors Michael Scott and Andre Barbosa on using OpenSees for research in seismic, fire, and tsunami hazards. Special guest, Professor Pedro Arduino from the University of Washington, will present his research on geotechnical earthquake engineering simulation using OpenSees.

OpenSees on the Road is open to all CCE students and faculty. Laptops are encouraged as some sessions will be interactive. The tentative agenda is as follows:

#### **Thursday, November 21 (all AM sessions by Frank McKenna)**

09:00 Introduction  
09:15 An Introduction to OpenSees Framework  
09:35 An Introduction to OpenSees Interpreters  
10:15 Break  
10:30 Output  
10:45 Basic Examples  
11:15 Building Frame Modeling  
12:00 Lunch  
13:00 Nonlinear Analysis (Frank McKenna)  
14:00 Nonlinear Frame Elements (Michael Scott)  
15:00 Dynamic Analysis (Andre Barbosa)  
16:00 Adjourn

#### **Friday, November 22**

09:00 Geotechnical Modeling (Pedro Arduino)  
10:00 Break  
10:15 Modeling Structures in Fire (Andre Barbosa)  
11:15 Fluid-Structure Interaction (Michael Scott)  
12:15 DONE!

**Construction for Change** is a non-profit global construction company based in Seattle, WA. Working alongside local leaders in developing communities, they construct schools, hospitals, food banks, and other fundamental structures that foster growth. They are in the process of establishing a new program for 2014 called Change Fellows, a yearlong fellowship that provides training, mentoring and an opportunity to manage a CfC project abroad for three to six months. They are primarily recruiting women and minorities to ensure that we are promoting groups that have been historically underrepresented in the construction field, but the fellowship will not be exclusive to these groups alone.

All applicants must have an associate degree in Construction Management, Engineering, or Architecture; or at least five years of work experience in a construction-related field.

While Fellows serve as volunteers, **they will cover all expenses related to training, mentoring, airfare, accommodation and living stipends for the duration of the project.** For more information, visit their [webpage](#) and [application page](#). The deadline to apply is **January 31, 2014**.

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## Student Groups and Speaker Meetings

**NOV 11, Mon. - [Charter Construction](#) Speaker Meeting @ 6:00 PM in Kearney 305**, dinner provided. They will also be having several drawings for AWESOME prizes! A sign-up sheet for interns and full time employee candidates will be available at the meeting. You must have your resume to sign up. Interview date is TBD.

**NOV 12, Tues. - [Traylor Bros.](#) Speaker Meeting @ 6:00 PM in Kearney 112**, dinner provided. On-Campus interviews for full time and internship positions (one spot left, sign up in Kearney 101B) will be held on Nov. 13 in Kearney 101C. You must have your resume to sign up. NOTE: An additional sign-up sheet will be available at the speaker meeting for students who attend.

**NOV 13, Wed. – – [Hamilton Construction](#) Speaker Meeting @ 6:00 PM in Kearney 212**, dinner provided. On-campus interviews for full time and internship positions will be held on Nov. 14 in Kearney 201C. The sign-up sheet will be available at the meeting. You must have your resume to sign up.

**NOV. 13, Wed. – ASCE General Meeting – 6:00 p.m., Owen 102.** For more information, contact [Jakob Walter](#).

**NOV 14, Thurs. - [Todd Hess Building Company](#) Speaker Meeting @ 6:00 PM in Kearney 112**, dinner provided. On-Campus pre-interviews/mentoring sessions will be held for intern and full-time position candidates on 11/15 in Kearney 101C. Come to Kearney 101B to sign-up. Please bring your resume to the interview.

## Jobs

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

[J&S Masonry, Inc.](#) is seeking a new Project Engineer and/or Project Engineer Intern. The position can start as an internship or part-time position and lead to full time, or start at full time; there will be flexibility for the right candidate. They are completing several projects on campus, but the position will be based out of their Salem, OR office. If you are interested, please bring your resume to Kearney 101B or send your resume to Lauren Farmen at [lauren.farmen@oregonstate.edu](mailto:lauren.farmen@oregonstate.edu).

[Quality Plus Services \(QPS\)](#) is seeking a new Project Engineer to start immediately, and will be looking for two more in December/January. The position is located in Hillsboro, OR. Please submit your resumes to Lauren Farmen in Kearney 101B as she will forward your information directly to QPS.

**CAREER NOTE:** If you are still interested in an interview with TCM, Build Group, Slayden, or Hensel Phelps, 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.

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## Friendly Reminders

- Students and professors, please continue to send [Michael Collins](#) MS defense announcements for use in the weekly newsletter.

Go Beavs!

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