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Calendar

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).

NOV. 22, Fri. – 2:00 PM – MS Thesis Defense, Kearney 305. “Geotechnical Characterization, Static, and Cyclic Response of Ecoroof Soil.” – Travis Kraupa. Co-Advisors: Dr. Ben Mason and Dr. Armin Stuedlein, PE.

Opportunities

NOV 22, Fri. – AGC vs. ASCE Flag Football Game @ 5:30 PM on IM Field #1 (field closest to Dixon Recreation Center).

CCE is hosting an OpenSees on the Road event Thursday and Friday, November 21 and 22 in Kearney Room 311. 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!

Corvallis High School is looking for OSU student volunteers to assist CHS students in the Tutoring Center throughout the academic year and especially during the **month of December**. Tutors are needed in the following subject areas: English, Math, Science, Social Studies and Reading. If you are able to help or have any questions, please contact Chieko Weiler, the CHS Tutoring Center Coordinator at Chieko.weiler@corvallis.k12.or.us or (541) 757-5926.

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**.

Student Groups and Speaker Meetings

NOV 18, Mon. – [JR Abbot](#) Speaker Meeting @ 6:00 PM in Kearney 305, dinner provided.

NOV 18, Mon. – Nicaragua Planning Meeting @ 6:00 PM in Owen 103.

NOV 19, Tues. - [Mentors 360](#) Leadership Panel @ 6:00 PM in Kearney 112, dinner provided.

NOV 19, Tues. - [Hoffman Construction](#) will be doing interviews for internship opportunities. Sign-up is in Kearney 101 and please submit your resume at the time of sign-up.

NOV 19, Tues. – Concrete Canoe, Mix Design Meeting @ 6:00 PM in Merryfield 108.

NOV 20, Wed. – – [SNC Lavalin](#) Speaker Meeting @ 6:00 PM in Kearney 212, dinner provided.

Nov. 20, Wed. – Sidewalk Repair Planning Meeting @ 6:00 p.m. in Owen 106.

NOV 21, Thurs. - [City of Gresham](#) Speaker Meeting @ 6:00 PM in Owen 102.

NOV 21, Thurs. - [McCarthy](#) Speaker Meeting @ 6:00 PM in Kearney 112, dinner provided. They will be holding on campus interviews for internship and full time positions on Friday, November 22 in Kearney 101C. Please see Cindy Olson in Kearney 101 by 5:00 PM on Thursday, November 21 to sign up.

NOV 21, Thurs. – Concrete Canoe, General Meeting @ 6:00 PM.

NOV 21, Thurs. – Steel Bridge Design Meeting @ 6:00 PM in Owen 241.

Jobs

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

[KL&A](#) is hiring for full-time structural engineering positions in all four of its locations in Colorado and Wyoming. To apply, send a cover letter and resume to [Camie Beagan](#) and [Gregory Kingsley](#).

[West Coast Lumber Inspection Bureau](#) is presently seeking to fill the position of Director of Technical Services. They are looking to hire an individual who is either a licensed Civil or Structural Engineer or has passed the Engineer-in-Training exam. Please email a cover letter, resume and references to [Don DeVisser](#), WCLIB Executive Vice President.

[The SFMTA](http://www.sfstudentintern.org/) is seeking student interns who are interested in transportation planning and/or engineering. For more information, and to apply online, visit <http://www.sfstudentintern.org/>.

[PDG Construction Services, Inc.](http://www.pdginc.com) is a growing Northwest Light Commercial General Contractor, with specialties in mixed use & multi-family housing, health care and retail construction. They are looking for an individual to join their construction management team as a project engineer. To apply, please send a resume to HR@pdginc.com.

[RMS](http://www.rms.com) has an opening for a wind engineer. They are looking for a candidate who would be able to start in January. To apply, send your resume to Peter Datin at peter.datin@rms.com.

Friendly Reminders

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

Go Beavs!

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