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## Contact Us

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## Calendar

**Tuesday, Dec. 3 – 10:00 a.m. – PhD Dissertation, Willamette West Room, Third Floor, Valley Library.** – Yi Zhang – Abstract: In this study, a coupled potential flow--viscous flow model is used for numerical wave tank simulation. The solver satisfies all the requirements for such a simulation environment. Advisor: Dr. Solomon Yim.

**Wednesday, Dec. 4 – 3:00 p.m. – PhD Dissertation, Kearney Hall, Room 311–** “Chemical Transformation of Rice Husk Ash for Sustainable, Constructable, and Durable Binary Cementitious System.” – Lapyote Prasittisopin.

**Thursday, Dec. 5 – 10:00 a.m. – MS Thesis Defense, Kearney Hall, Room 311–** “Structure from Motion: An Analysis of Terrestrial Applications.” – John Raugust. Advisor: Dr. Michael Olsen.

**Friday, Dec. 6 – 2:30 p.m. – MS Thesis Defense, Kearney Hall, Room 311–** “Seismic Performance of Diagrid Steel Structures Using Single and Double Friction Mass Dampers” – Garlan Ramadhan. Advisor: Dr. Andre Barbosa.

## In the News

CCE is now on Twitter! Follow at <http://twitter.com/OregonStateCCE>.

**Traffic Bowl** - The 22<sup>nd</sup> Annual William C. Kloocs Traffic Bowl recently took place at McMenamins in Edgefield. Traffic bowl is a jeopardy style competition with questions founded in transportation engineering knowledge. Six ITE student chapters from Oregon State University, the University of Oregon, Portland State University, Oregon Tech, the University of Portland, and the University of Washington participated. The OSU Student Chapter Team, which included, **Jennifer Warner, Sarah McCrea, Allie Peters, and Dylan Anderson**, placed third in the competition. The OSU ITE Student Chapter is advised by Dr. Hurwitz.

In conjunction with the Traffic Bowl, the 2<sup>nd</sup> Annual William C. Kloocs Scholarship award was presented to Jennifer Warner, a first0year MS student working in Dr. Hurwitz’s research group. Scholarship applications are made in the form of an essay, presentation/poster, PowerPoint presentation, or video that focuses on transportation/traffic engineering. Jennifer developed a video focused on the implications of distracted pedestrians on traffic operations and safety.

## Opportunities

**COE scholarship applications are now OPEN! To apply, visit [here](#)! Deadline is February 15, 2014.** If you have any questions about the scholarship application, email [askengineering@oregonstate.edu](mailto:askengineering@oregonstate.edu).

**Advanced American Construction, Inc. of Portland**, formed the Schweiger Memorial Scholarship Fund to provide scholarship to students working to realize their dreams in the Construction/Engineering industry. Information and application can be found [here](#). Deadline to submit applications is March 1, 2014.

**Thursday, Dec. 5 – 6:00 p.m. – CCE Graduate School Information Session – Kearney Hall Room 112.** Are you thinking about pursuing a graduate degree in civil engineering or construction engineering management? Do you have questions about applications, where to attend graduate school, or even how to get your graduate

education paid for? Prof. Michael Scott, chair of the CCE Graduate Committee, and other faculty members will present an overview of graduate school logistics, applications, pros/cons and will also answer your questions about graduate school. Food and drinks will be provided!

**Friday, Dec. 6 – 2:30 p.m.** - The AGC Student Chapter has organized a site tour of Andersen's work at Austin Hall. The group will meet at 2:30 p.m. in Kearney Hall and long pants and closed toed shoes are required. The group will be limited to 20 and sign-up for the tour is in Kearney Hall, Room 101.

**A review course for the Professional Engineering (PE) exam** will be available starting on Tuesday, Jan. 7, at 6:40 p.m. on the Portland State University campus, Engineering Building Room 310. The course runs every Tuesday from 6:40-9:30 p.m. until March 18, 2014. Registration fee is \$400. To enroll, or for more information, click [here](#).

**Course opportunity - CE 540 Special Topics/Stormwater Management and Modeling (CRN: 39481, Winter 2014, Oregon State University)** - Instructor: Arturo Leon, Ph.D., P.E., Assistant Professor in the School of Civil and Construction Engineering at OSU

Meeting times and Location: Mon/Wed 14:00-15:50, KEAR 124

Description: This course will present state-of-the-art practices of urban drainage systems design, stormwater management, and modeling of stormwater and combined sewer systems. The Hydrologic Modeling System (HEC-HMS), EPA Stormwater Management Model (SWMM) and the Illinois Transient Model (ITM) will be used in this course. Topics include, urban hydrology and hydraulics, modeling of combined sewer overflows (CSOs), stormwater quality and receiving water impacts, design of drainage systems, best management practices (BMPs), and computer modeling techniques.

Prerequisite: CE 313 and CE 412 (or equivalent). Basic knowledge of numerical methods and computer programming is desirable but not required.

Target students: The course is intended for graduate students of Civil Engineering, Water Resources Engineering, and various science and engineering disciplines. Top senior undergraduates are also welcome.

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## Student Groups and Speaker Meetings

**Wednesday, Dec. 4 – 12:00 p.m. – Asian-Pacific American Room 206, MU – Oregon Passenger Rail Project Round-Table Discussion** - The Oregon State University chapter of the American Railway Engineering and Maintenance-of-way Association (AREMA), OSU's railroad engineering student organization, is co-hosting a round table discussion with Oregon State Department of Transportation (ODOT) so you can provide your input. The Oregon Passenger Rail Program is studying options for improved passenger rail service between Eugene and Portland, and is currently in the process of selecting a preferred rail alignment to build upon in the future. Your input will be used to help the Leadership Council make decisions regarding rail route alternatives. Project representatives will be present to answer any questions you have regarding this issue. All OSU students, staff, and faculty are welcome to the event.

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## Jobs

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

[Kerr Contractors](#) is hiring summer interns. KCI works in the Portland metro area and throughout Oregon on heavy civil construction including grading, paving and underground utilities. For questions, or to schedule an interview, please call Alan Aplin at 971.216.0050 or send a resume via email to [aaplin@kerrcontractors.com](mailto:aaplin@kerrcontractors.com).

[Kerr Contractors](#) is hiring a field engineer. For questions. or to schedule an interview, please send resume via email to [employment@kerrcontractors.com](mailto:employment@kerrcontractors.com).

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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>.