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

Calendar

DEC 10 - JAN 11 - [Free parking in all student lots.](#)

In the News

Congratulations to [Meghna Babbar-Sebens](#) who was selected as a 2012 Outstanding Reviewer by ASCE's Journal of Hydrologic Engineering.

Paula Hammond (*BSCE 1979; Oregon Stater Academy 2008*), [Why Inslee should retain the transportation secretary](#)

Research for Undergrads

The NEESreu Program (Research Experiences for Undergraduates) is a dynamic 10-week summer research program sponsored by the National Science Foundation for upper division undergraduate students interested in Civil, Electrical or Computer Engineering, and other fields related to seismic risk mitigation. Deadline to apply is February 28, 2013. [Details here.](#)

Opportunities

Water scarcity and resulting impacts to people, ecosystems and businesses around the world is one of the most significant issues facing our world today. Water reuse is a proven, effective way to conserve and better manage the limited water resources on our planet, benefitting our communities, companies and the environment. Yet reuse rates are low.

[WaterMatch](#) is a grassroots, goodwill initiative that harnesses the power of social networking and geospatial mapping to promote the beneficial reuse of municipal effluent for industrial and agricultural use at the local level.

Launched in collaboration between [Net Impact](#) and [CH2M HILL](#), the [WaterMatch Makers University Program](#) offers real-world learning experiences that support local community and economic development while protecting the environment. As part of the WaterMatch Makers University Program students can help change how people think about and manage our precious water resources by populating the Matching Map, growing the WaterMatch user base, and promoting and taking action on local water issues.

This is a great project for a student group to take on independently, as well as for integrating into classroom curriculum. Get started today by visiting the WaterMatch Makers University Program site, registering as a student or academic, and then registering your university.

Interested in learning more via a webinar during Engineers Week, February 17-23, 2013? Let us know by replying glynis.williams-thompson@ch2m.com. Join us and help make matches happen. Because no water should be wasted.

Winter Term Classes

[CCE 520](#) - Selected Topics in Infrastructure Materials, "**Condition Assessment and Repair of Reinforced Concrete Structures**," with Prof. Burkan Isgor [use CRN 40502]

CE 484/584: Wood Design. Do you want to learn how to design WOOD structures? In addition to discussing the topics noted below, we will design a full-size pedestrian timber bridge which will be built and donated to the city of Corvallis. Guest speakers from industry will also come to highlight some of their work and offer advice to students. Topics covered:

- Heavy timber construction
- Light-frame, or "stick-built," structures
- Glulam, plywood, OSB, etc.
- Wood properties and behavior
- Connection design and fastening options
- Lateral loads – shearwall and diaphragm design
- National wood design code (NDS)

WR 327 - Writing 327 for Engineers. These "WR 327E" sections were collaboratively developed by engineering and English faculty with the goal of preparing incoming pro-school students with a core set of engineering communication skills. In contrast to traditional WR 327 sections, WR 327E enrollment is limited to engineering students, and all course readings and assignments are engineering-specific.

- **WR 327, CRN 34072** (Sect. 11 TR 1400-1520)
- **WR 327, CRN 35424** (Sect. 14 TR 1600-1720)
- Prerequisites for both sections:
 - Engineering student
 - Sophomore level or higher
 - Successfully completed PH 211 (General Physics with Calculus)

Jobs

[Heil Electric Company](#) has an immediate opening for a **full time estimator/project manager** in our Portland office. The firm is medium in size and long established (58 years in January), and the individual would be working closely with our office staff and field personnel. The company's work is extremely diversified, from communication sites and facilities to waste water plants, production facilities, mechanical, transportation and renewable power projects and even an occasional residential job. It operates throughout Oregon and Washington although projects further afield are not out of the question. Salary is based on experience and future growth, potential and responsibilities based on performance. Benefits are part of the package as well.

[Stan Heil](#)

8425 SE Stark St
Portland, OR 97216
(503) 255-4074 office
(503) 255-4139 fax
(503)351-7447 cell

[Streimer Sheet Metal](#) is interested in hiring a **Project Engineer**. The company has been in Portland since 1946 and works with many clients such as Intel and Boeing.

Thomas W. Pickrell
VP of Construction- Intel Account Executive
Streimer Sheet Metal Works, Inc.
740 N Knott Street
Portland, OR 97227-2099
Cell: 503 866-2832

[Parametrix](#) is looking for a **Junior Engineer** to join our team. Upon joining our team he/she would immediately be assigned to work on the SR520 bridge replacement project over Lake Washington in Seattle. The SR520 project is a prestigious project that provides great opportunities for a junior engineer to gain valuable work experience. Parametrix is a 100% employee-owned company with offices in Washington, Oregon, Idaho, and New Mexico.

[Shane L. Brown](#) P.E. (BSCCE 2006)
Engineer IV
phone: 503-416-6052
fax: 503-233-4825

[Construction Supervisor](#) - Housing Department of Habitat for Humanity Portland/Metro East Reports to Director of Construction.

Go Beavs!

Forward newsletter submissions to nancy.brickman@oregonstate.edu by **Friday** each week. Prior newsletters archived at <http://cce.oregonstate.edu/node/223>