

Contact Us

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Calendar

- **Wednesday, March 11** – [Special Seminar, Marine Geomatics Faculty Candidate](#) – Kearney Hall, Room 311, 10:00 a.m. – [“Revealing Patterns in the Sand: Geospatial Analytics of Evolving Coastlines with Lasers and Drones,”](#) – Michael J. Starek, Ph.D., Assistant Professor, Geospatial Surveying Engineering and Geographic Information Science, School of Engineering and Computing Sciences, Texas A&M University – Corpus Christi.

- **Wednesday, March 11** – **Green Building Materials Poster Session** – **Kearney Hall Atrium, 4:00 p.m.** – This year, student teams focused on a particular material or component used in the reconstruction of Kearney Hall. They evaluated the current material for its “green” attributes and provided a recommendation for a replacement material with increased sustainability. At 4:00 p.m., each team will give a one-minute “pitch” for their poster so that attendees can find the groups whose topic is of most interest to them. Light refreshments will be served.

- **Wednesday, March 11** – [Geotechnical Lecture Series](#) – **Kearney Hall, Room 112, 4:30 p.m.** – [“Low Life: Glimpsing the Deep Biosphere,”](#) – Frederick S. Colwell, Ph.D., Professor, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University

In the News

- **Congrats to the OSU Civil and Construction Engineering graduate students who received awards at the 2015 OSU Engineering Grad Research Expo in Portland on Wednesday, March 4th!**

Top prize went to Shangjia Dong, advised by Prof. Haizhong Wang, for his project “An Agent-based Modeling Framework to Evaluate Dynamic Lifeline Interdependency: Stochastic Damage and Life Safety.” Parnian Hosseini received the second-place award for her project “Flexible Multi-Objective Optimization of Reservoir Operation Considering Uncertain Decision Variables.” She is advised by Prof. Arturo Leon.

OSU CCE was also home to one of the People’s Choice Award recipients as Mahyar Sharifi Mood, advised by Prof. Michael Olsen, earned second-place in the category for his project “Probabilistic, Seismically-Induced Landslide Hazard Mapping of Western Oregon.”

Thanks to all students who participated!

- [“OSU CCE hosts 46th Annual CH2M-Hill/OSU Model Bridge Contest,”](#) - CH2M-Hill, in association with Oregon State University’s (OSU) College of Engineering and School of Civil and Construction Engineering, sponsored and conducted the 46th annual model bridge contest on Saturday.

Connect with OSU CCE through our [OSU CCE LinkedIn group](#), [Facebook page](#), and on [Twitter!](#)

Advising Updates

- **OSU CCE advisors** are available for walk-in appointments beginning on Wednesday, March 11.

- **Graduates students**, please be [advised of the deadlines](#) for completing your final degree requirements. Visit the [graduate school website](#) for more information.

Available Spring Classes

[CCE 520 – Pavement Design and Sustainability](#)

Term: Spring Term 2015

Location and Time: Kearney 202 – TR 10:00-11:20am

Instructor: Dr. Erdem Coleri – erdem.coleri@oregonstate.edu

Credit hours: 3

Overview: Continuous economic growth, consequent reduction in non-renewable energy resources, and the apparent signs of global warming have started to create movement in the industry and governments to address the need to construct transportation infrastructure that is more cost effective, socially beneficial, and does less damage to the environment. It is becoming increasingly apparent that in order to achieve a sustainable transportation network, pavements should be designed by considering not only long-term performance, but also energy efficiency and environmental impacts.

Take a [look at the flyer](#) for more information.

- [CCE 525 – Construction Site Systems Engineering \(CRN 58416, Sec. 001\)](#)

Who: All CCE graduate students. Also all CCE undergrads who are interested in the topic and a grad-level course.

When: Tuesday/Thursday, 4:00-5:20pm
(CRN 58416, Sec. 001)

Details: 3 credits; Graduate standing. [Take a look at the flyer](#) for more information.

Opportunities and Scholarships

- **Purchase a personalized business card holder from the 3D Printing Club!** The 3D Printing Club, a collaborative group of students across all majors, is new to campus and is looking to raise money by running a donation drive. They are giving away personalized donation stands as a thank you. The suggested donation for a stand is \$2 and \$5 for a personalized one. If you would like to make a donation, please visit Cindy Olson in Kearney Hall, 101.

- **The Board of the Structural Engineers Association of Oregon (SEAO) Scholarship Foundation** is requesting applications from qualified students for their annual scholarship awards. SEASF has approved two or more scholarships of at least \$3,000, one \$3,500 Don Kramer Memorial Scholarship, and one \$3,500 Susan M. Frey Memorial Scholarship. If interested, return a [completed application packet](#) to [Prof. Thomas Miller](#) by April 24.

- **Oregon Chapter American Public Works Association** plans to award a \$3,000 Civil Engineering/Geomatics scholarship and a \$500 Civil Engineering Sustainability Polvi scholarship to 2015-2016 students at Oregon State University. In addition, a NEW \$500 Civil Engineering or Environmental scholarship will be awarded. For an application packet, contact [Thomas Miller](#). Application packets will be due on May 8.

- **The Black Graduate Student Association is holding its 4th annual research forum** and welcomes minority undergraduate or graduate students to present their research on April 3rd. This forum will provide a platform for many students in underrepresented communities at OSU to practice their presentation skills in a professional, yet encouraging environment. The forum will be held in the Linus Pauling Science Center 402, 12:30 -1:45 p.m.

They are looking for three oral presenters (10 mins each) and eight posters. If interested, please send a 250 word abstract to BGSAAatOSU@gmail.com by March 20th. Upon abstract submission, please indicate whether you'd like it to be considered for a poster or oral presentation. Also, include the title and names of the author(s) and presenter.

- **Corvallis Woman's Club 2015 Scholarship:** Benton Community Foundation would like to announce the availability of our \$1,000 scholarship for female college juniors and seniors that have graduated from a Benton County High School. For more information and an application, please visit [their website](#) and review the Corvallis Woman's Club Scholarship Application. For additional information, contact the Director of Grants, [Shawnde Bausch](#) (541-753-1603).

- **[NEW Leadership Oregon](#)** is accepting applications for the 12th year of its leadership development program for Oregon college women. Apply [online](#). For more information, contact [Mariana Lindsay](#) or [visit their website](#).

- **The American Society of Civil Engineers Columbia Section Younger Member Forum is sponsoring the [Howard Preston Scholarship](#),** which will be awarded to two students pursuing civil engineering within the Columbia Section. Please find the [full application package attached](#). The deadline for the scholarship application is April 13, and the awardees will be chosen by June 1. The awardees will be recognized at the June technical lunch meeting of the Columbia Section held in Richland, WA.

- **Applications for [the Oregon Concrete and Aggregate Producers Association Scholarship Program](#) are now open!** The OCAPA scholarship program offers scholarships to university students who intend to pursue a career in the construction materials industry. Scholarships will be awarded to junior, senior, or fifth year students enrolled at an Oregon university or college encompassing disciplines related to the construction materials industry. Areas of study may include, but are not limited to, construction materials, engineering, geology, architecture, land use planning, biology, environmental law and fish & wildlife studies.

The program represents a tangible demonstration of OCAPA's commitment to higher education which they regard as an investment in the future of our state and the construction materials industry. In the future they look forward to expanding the extent and reach of this exciting and worthwhile program.

To apply for an OCAPA Scholarship, you can download the application packet from the [OCAPA website](#).

- **The National Transportation Center at Maryland ([NTC@Maryland](#))** is funding the 2015 Undergraduate Summer Research Program (USRP) at the University of Maryland. The program will sponsor up to six undergraduates to work directly with University of Maryland Transportation Engineering faculty on cutting-edge topics as part of a two month program with flexible start and end dates between June-August of 2015. The details of this opportunity, including the application process, can be [found online](#).

To apply, students must email their two-page resume and a personal statement to [NTC@Maryland](#) Director of Education and Outreach, [Mark Franz](#). In addition, applicants must have one professional reference email a letter of recommendation directly to Mr. Franz. All application materials must be received by Friday, March 20, 2015.

Any questions regarding this opportunity should be sent to [Mark Franz](#).

- **[NASA Aeronautics Scholarship Program](#)** is accepting applications from students majoring in aeronautics related fields. Undergraduates with at least two years of study remaining are eligible to receive up to \$15,000/year for two years and a summer internship with a \$10,000 stipend. Graduate student awards include up to \$11,000 in tuition offset, \$35,000 stipend/year for two years and a summer internship with a \$10,000 stipend. Applicants must be U.S. citizens. Applications are due March 31, 2015. More information can be [found online](#).

- **NASA's Office of Education is accepting applications for the [Minority University Research and Education Project](#), or MUREP, scholarship program.** The MUREP Scholarship is a competitive opportunity that focuses on underserved and underrepresented students in STEM disciplines attending a Minority Serving Institutions, MSI. The scholarship includes 75% of tuition up to a \$9,000 per academic scholarship, based on tuition amount, and \$6,000 for a summer internship. Applications are due March 31, 2015. More information can be found [online](#).

- **[The Association of State Dam Safety Officials undergraduate scholarship application](#)** is now

open. Scholarships will be awarded for the 2015/2016 school year and have ranged from \$5,000 to \$10,000 in recent years. Successful recipients must be U.S. citizens and enrolled full-time at the senior level (during the 2015/2016 school year) in an accredited civil engineering program, or in a related field as determined by ASDSO, and must demonstrate an interest in pursuing a career in hydraulics, hydrology or geotechnical disciplines, or in another discipline related to the design, construction and operation of dams.

Undergraduate students planning to graduate in May/December 2016 will be eligible for the 2015 scholarship. [Deadline is March 31, 2015.](#)

- [The Wire Reinforcement Institute \(WRI\) Education Foundation](#) is sponsoring scholarships ranging from \$2,000 to \$4,000 for beginning and continuing engineering students seeking undergraduate or graduate degrees in civil or structural engineering. As the concrete construction industry's leading advocate for structural welded wire reinforcement (SWWR), WRI knows the value of a well reinforced foundation, whether it's to support a building or build a career.

APPLICATIONS AND SUPPORTING DOCUMENTS ARE DUE APRIL 15, 2015. For scholarship details and application materials, [please visit their website.](#)

- [The Department of Energy's \(DOE\) Office of Science](#) is pleased to announce that the Office of Science Graduate Student Research (SCGSR) program is now accepting applications for the 2015 solicitation. [Applications are due 5:00pm ET on Tuesday April 14, 2015.](#)

The SCGSR program supports supplemental awards to outstanding U.S. graduate students to conduct part of their graduate thesis research at a DOE national laboratory in collaboration with a DOE laboratory scientist for a period of 3 to 12 consecutive months—with the goal of preparing graduate students for scientific and technical careers critically important to the DOE Office of Science mission.

The SCGSR program is open to current Ph.D. students in qualified graduate programs at accredited U.S. academic institutions, who are conducting their graduate thesis research in targeted areas of importance to the DOE Office of Science. The research opportunity is expected to advance the graduate students' overall doctoral thesis while providing access to the expertise, resources, and capabilities available at the DOE laboratories. The supplemental award provides for additional, incremental costs for living and travel expenses directly associated with conducting the SCGSR research project at the DOE host laboratory during the award period.

- [The Friends of Cascade Siskiyou National Monument](#) is pleased to announce the Friends Student Research Fund which offers grants ranging from \$250 to \$1500 to undergraduate or graduate students in the area of biology, environmental sciences/education, sociology, arts and humanities, and business who wish to do research that enhances our understanding, appreciation, preservation, or protection of the Cascade Siskiyou National Monument. An application form and instructions for applying for this grant may be downloaded from www.cascadesiskiyou.org. Application deadline for this year's grant is March 15, 2015.

Jobs

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

- **McDonald Excavating, Inc. is seeking qualified applicants for the position of Project Engineer (a junior level position – i.e. temp/or intern leading to permanent.)** This position will be responsible for: Submittals, RFI's, Change Management, Job-Site Quantity Tracking, and other tasks associated with assisting the project manager and/or estimator. McDonald Excavating utilizes HCSS programs, Heavy Bid & Heavy Job, as well as Topcon GPS equipment. Experience with these is a plus. A BS in Construction Management is preferred; they offer a competitive salary and benefits package, which will be commensurate of experience and qualifications. To apply, please email your resume to [John Rising](mailto:John.Rising@mcDonaldExcavating.com).

- **McDonald Excavating, Inc., is seeking qualified applicants for the position of Project Manager (a senior level position – experience required).** This position will be responsible for complete job-site management from start to finish. These duties would include: Pre-Construction Services, Budget

Creation and Management, Cost Control, Interfacing with owners and client representatives, forecasting, scheduling, and all other facets of a successful project. This position will be given latitude to make critical decisions. This applicant must be well rounded, well spoken, self-driven, and qualified in delivering Heavy Civil Projects. ABS in Construction Management is preferred, and experience with HCSS Products Heavy Bid and Heavy job is a plus. They offer a competitive salary and benefits package, which will be commensurate of experience and qualifications. To apply, please email your resume to [John Rising](#).

- **Mortier Engineering in Eugene, OR, is seeking a summer intern.** They are hoping to hire a CE student currently in their junior or senior year. Candidates with construction experience will be given preference. To apply, please submit your resume to [Norma Driskill](#).

- **Eugene Water & Electric Board invites applications for their Water Management Internship.** [Apply online.](#)

- **Spectra Precision of Corvallis is looking to hire two engineering interns for the upcoming summer.** As a "Quality Assurance Test Engineer", interns will work with software and equipment to conduct product testing and quality assurance. Candidates should be familiar with fundamentals of geomatics—especially GNSS. Preference will be given to those who can write code in C++. They are interested in juniors, seniors, or grad students. Please send a resume and cover letter to [Graham Briggs, Geomatics Engineer](#).

- **Canby Excavating, Inc. is seeking a PM Assistant for their Canby, OR, based office.** To apply, please send your resume to [Mike Keller](#) AND complete their [online application](#).

- **Nagamine Okawa Engineers Inc.** is a structural engineering firm based in Honolulu, Hawaii. They are in the process of recruiting an engineer and require a BS with concentration in structural engineering, and a MS degree in structural engineering. This would be a great opportunity to work on a range of projects involving public agencies and private organizations throughout Hawaii and the Pacific Rim. Feel free email [Dayle Ota](#) if interested.

- **OmniTRAX** is seeking a full time Staff Engineer. An interest in railroad operations is preferred. To apply, please send your resume to [Alexandra Alvarez](#).

- CH2M Hill is seeking summer interns. Apply online for [structural](#) and [transportation](#)!

- **The City of Vancouver** is seeking two summer interns to work in their construction department. These are paid internships for civil or construction engineering undergraduate students. To apply, please email a cover letter and resume to [Ryan Knox](#) by March 13.

- Lauren Farmen is currently accepting resumes for Build Group (Full Time and Internship positions available—submit resume to Kearney 101b to sign up for an interview) and Emery and Sons (internship position available—submit resume to Kearney 101b).

Note: If you are still interested in an interview with any company that has come to campus, 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.

Go Beavs!

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