

# EXAMPLES

**QUARTERLY**

The image shows the front cover of the "MOMENTUM" magazine from the College of Engineering at Oregon State University. The cover features a large orange title "MOMENTUM" and a subtitle "Staking a claim in wind energy research". A photograph of a researcher in an orange vest and hard hat standing on a metal staircase next to a wind turbine is the central visual. The word "FPO" is overlaid in white. The magazine is dated "SPRING 2017". At the bottom, there are two preview boxes: one for "Coastal engineers help harness waves without harming shore" (Page 3) and another for "The fine art of trapping carbon emissions" (Page 6). The Oregon State University logo is in the bottom right corner.

College of Engineering

# MOMENTUM

SPRING 2017

Staking a claim  
in wind energy  
research

PAGE 12

FPO

Coastal engineers help harness waves without harming shore  
PAGE 3

The fine art of trapping carbon emissions  
PAGE 6

Oregon State University

# QUARTERLY

**Pencils up for global good.**

**CE STUDENTS GO BASIC TO MEET THE DEMANDS OF DEVELOPING NATIONS.**

**Lesson one: a firm grasp on pre-digital design.**

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**“Pen and paper might seem old school. Guess I’m old school.”**

—Robert Mumkin ‘20

6 | Momentum

Momentum 17

# QUARTERLY

## MAKING GOOD ON THE PROSPECTS OF WIND POWER

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# VIEWBOOK

2017-2018

# ENGINEERED FOR OUT THERE.

Oregon State University  
101 Covell Hall  
Corvallis, OR 97331-2409  
[engineering.oregonstate.edu](http://engineering.oregonstate.edu)

Campus visits:  
Office of Admissions  
(800) 291-4192  
[oregonstate.edu/admissions](http://oregonstate.edu/admissions)

Questions?  
Call or email:  
(877) 257-5182  
[askengineering@oregonstate.edu](mailto:askengineering@oregonstate.edu)



FPO

Oregon State University

## VIEWBOOK

# THERE ARE NO HYPOTHETICALS



Only solutions that haven't been explored yet by an OSU Engineer.

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# VIEWBOOK



## MAGAZINE

# THE OREGON STATE ENGINEER



# MAGAZINE

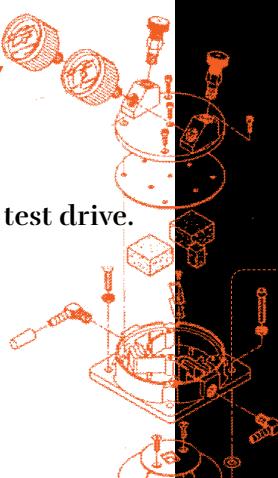


## ASSEMBLY INSPIRED

Team takes new scope for test drive.

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College of Engineering



### Working toward next gen therapies at a molecular scale.

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# FACT SHEET

FRONT



FY/2017

**COLLEGE OF ENGINEERING**

## CIVIL & CONSTRUCTION ENGINEERING

**Civil Engineering is a diverse professional field with discipline specialties in:**

- Structures
- Transportation
- Geotechnical
- Geomatics (surveying)
- Construction
- Ocean
- Water Resources
- Environmental

Oregon State University is a Carnegie I research institution and is Oregon's Land Grant University. This provides a unique opportunity to partner with experts across campus and with industry leaders who come to campus to participate in collaborative research and training efforts. In addition, OSU has a strong commitment to attract and retain top students.

**PROGRAM OPTIONS:**

**Landing Surveying:** For students with an interest in Land Surveying, coursework leading to eligibility for the Fundamentals of Land Surveying exam is available.

**Environmental Engineering:** To complete this option students take coursework offered through the School of Chemical, Biological and Environmental Engineering.

**Civil/Forest Engineering:** A five year dual degree program in Civil and Forest engineering is also available, offered jointly between the School of Civil and Construction Engineering.

**COMPETITIVE ADVANTAGE:**

- Students in Civil and Construction Engineering work together for interactive, open training
- Renowned for ability to produce skilled graduates, highly valued by employers
- Research results developed by faculty are fed back directly into the classroom, maintaining state-of-the-art training
- The civil engineering program at Oregon State University is accredited by the accreditation Board for Engineering and Technology (ABET)

**COMPETITIVE ADVANTAGE:**

- Established in 1966, our program was one of the first five nationwide
- Collaboration with the local construction industry
- Interactive, open training
- The engineering foundation provided gives graduates higher marketability than those from programs in Construction Management (CM)
- Student are actively supported in the search for employment
- The construction engineering management program at Oregon State University is accredited by the American Council for Construction Education (ACCE)

**RESEARCH FACILITIES:**

**The Kiewit Center for Infrastructure and Transportation** serves as the umbrella organization for research within the School and is located in Kearney Hall.

**The Geotech Research Facility** provides insight about bearing failures, settlement damage to structures, and failures due to processes such as landslides and liquefaction.

**The O. H. Hinsdale Wave Research Facility** is a one of the largest and technically advanced laboratories as well as a leading center for research and education in coastal engineering and nearshore science.

**Oregon State University**

BACK

**Civil & Construction Engineering**



**The Highway materials laboratory** is equipped to conduct tests on a variety of construction related materials and composites. The facility is located in three separate laboratories totaling approximately 7500 sq. ft.

**The Structural Strong-wall facility** contains the second largest structural testing floor on the West Coast and allows researchers to simulate earthquakes and forces up to one million pounds and frames up to two stories high.

**The National Center for Accessible Transportation** is conducting research on accessibility issues and developing practical, cost effective improvements in transportation technologies

**INTERNSHIPS:**

Both the CE and CEM programs have strong relationships with professional practice and industry. Students interested in internships can learn more about and interact with potential employers at the Engineering Career Fair or at numerous ASCE and AGC events each year. Many companies conduct interviews on campus.

Additionally, students in the Civil Engineering and Construction Engineering Management degree programs are offered the opportunity to participate in the Civil Engineering Co-Op program, which provides two six month internships at participating Northern private industries, consulting companies, and public agencies. Students normally enter the program during their junior year. Participation in the program adds two academic terms to the time required to complete the baccalaureate degree. Further information on the CECOP program is available at [mecop.oregonstate.edu](#).

**Sidebar Headline**

**[SIDEBAR - SUBHEAD]**

The Human Services Resource Center is dedicated to helping students who are experiencing homelessness, hunger, poverty, and food insecurity. Their Mealbox program gives selected students \$60-\$90 to use for meals on campus for the term. Click here for more information and to read about the application process. Applications are due by 5 pm on Sept 28.

**[SIDEBAR - SUBHEAD]**

If you are an MME Graduate student and are interested in rafting down the Columbia River Gorge, then your opportunity is here! On Oct 13, the GS<sup>4</sup> group will partner with OSU's Adventure Leadership Institute to raft all day. The cost is \$25 per person and the rest is covered by GS<sup>4</sup>. You must email Kadee Mardula by next Mon, Oct 1 to participate.

**[SIDEBAR - SUBHEAD]**

IE3 is proud to announce two new internship opportunities. Nicaragua Casa Verde and blueEnergy blueEnergy is an international organization with project managers in the USA, Nicaragua, and France working for a more equitable, sustainable world and environment. Casa Verde is a non-profit organization located in Portland, Oregon. In partnership with Formacion Fenix, Casa Verde internships offer young leaders the chance to guide other youth - creating opportunities to gain valuable experience. (Intermediate Spanish skills are required for this internship). Check the individual pages for application deadlines.

**School of Civil and Construction Engineering**  
Oregon State University  
101 Covell Hall  
Corvallis, OR 97331-2409  
541-737-3101



# NEWSLETTER (OUTSIDE)

BACK

FRONT

COLLEGE OF ENGINEERING

**JOB AND INTERNSHIP OPPORTUNITIES**

**COMPANY NAME**  
• Job Title/Intern Engineer  
Closes: 11/16/12

**ELECTRICAL ENGINEERING AND COMPUTER SCIENCE**



The front page of the newsletter features a photograph of a young man with short brown hair, wearing a light-colored button-down shirt, working on a complex piece of electrical or computer equipment. He is surrounded by numerous wires, cables, and metal components. In the background, more of the server room's infrastructure is visible. The word "EEO" is overlaid in large, semi-transparent letters across the middle of the photo.

**Oregon State University**  
College of Engineering

School of Electrical Engineering and Computer Science  
Oregon State University  
101 Covell Hall  
Corvallis, OR 97331-2409  
(541) 737-3101

**Oregon State University**



# RESEARCH POSTER

DIMENSIONS: 42" X 35.5"

## COLLEGE OF ENGINEERING

## MECHANICAL, INDUSTRIAL AND MANUFACTURING ENGINEERING

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### TITLE. AN ENGINEER'S WORLD

Title Subhead. Through the eyes of an elite engineer.

#### SUBHEAD. LOREM IPSUM

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#### SUBHEAD. LOREM IPSUM

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#### SUBHEAD. LOREM IPSUM

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