Feature Stories

MIME senior ranks among world’s top 15 engineering students

Please join us in congratulating IE senior Alexandria Moseley, who was recently named one of the 15 most promising college engineering students in the world. Nominated for this honor by the SME Education Foundation, the recognition comes as part of National Engineers Week.

Moseley has participated in several internships and projects while at OSU, served as a College of Engineering Ambassador, and been active in outreach programs to alumni, industry, prospective students and others. This is the first year that National Engineers Week has recognized college engineering students. Winners were cited for their academic excellence, leadership in student organizations, community service and other activities.

Information session - ME/IE/MfgE jobs in a civil engineering corp

Traylor Brothers, Inc is a heavy civil contracting firm that is involved in projects such as large tunnels & mines, bridges, and levees. This work involves very specialized and sophisticated mechanical equipment. For example, digging tunnels requires large boring machines. The design, repair, and modification of this equipment requires mechanical, industrial, and manufacturing engineers interested in applying their technical knowledge in a challenging environment.

TODAY, Jan 9, representatives from Traylor Brothers will be on campus to introduce their organization to MIME students and discuss MIME-related employment opportunities at the company. Their presentation will take place at 4 pm in Gilbert 124, during the first part of ME/IE 498 (MIME Capstone Design). All interested MIME students, freshman to senior, are invited to attend.
Mark Your Calendar

Below is a list of events that people have told us about and the listing is not intended to be a comprehensive listing of everything that is happening on campus. If you would like an event to be included, please add it to the MIME Calendar or email the MIME E-Bulletin box with the details and we will post it for you. Most events are pulled from the online calendar to include in the E-Bulletin. Student group meetings are only listed in the E-Bulletin for the first meeting of each term.

Click here to go to the OSU Academic Calendar.

This Week

Wed and Thurs, Jan 11 & 12
FE Review Session. 7 pm, Kidder 350. First of 8 weekly sessions.

Plan Ahead

Thurs, Jan 19

Wed, Jan 25
Nonprofit and Volunteering Expo. 1–4 pm, MU Ballroom.

Wed, Feb 1
COE Scholarship Application due.

Announcements

Undergrad and School-Wide

PREPARE YOURSELF FOR THE ENGINEERING LICENSURE TEST. If you are thinking of taking the Fundamentals of Engineering (FE) Exam to become licensed as a professional engineer, then you will want to take the OSU Chapter of the Institute of Industrial Engineer's FE Review Course that starts this week. You can still enroll by showing up to the first session. Come either this Wed OR Thurs (Jan 11 or 12) to Kidder 350 at 7 pm. The course costs $100 and continues for 8 weeks. (Registering for the course does not sign you up to take the exam.) Please visit the FE Review website or email IIE for more information.

APPLY FOR MEALBUX MONEY. The ASOSU Mealbux program gives selected students $40–60 to use for meals on campus. Click here for more information and to read about the application process. Applications are due Jan 13.

SERVE YOUR COMMUNITY IN HONOR OF MLK. The OSU Center for Civic Engagement is hosting several service projects on Sat, Jan 14 as part of the 25th Annual MLK Day of Service. Projects include volunteering at a soup kitchen, homeless shelter, mental health facility, food bank, and Corvallis Parks and Rec plus others. Register by clicking here.

DONATE TO ENGINEERS WITHOUT BORDERS. Now through Jan 15, all of the donations given to the OSU Chapter of Engineers Without Borders will be matched at 100%. This group works hard applying their engineering skills to help communities in various parts of the world (currently in Lela, Kenya) develop methods to collect fresh...
drinking water. They are working to raise another $9,000 to pay for their trip to Lela this summer. Any amount helps! Click here to donate and make sure you allocate your gift to the OSU Chapter.

BE PART OF A $1.2 MILLION STUDENT INVESTMENT GROUP. The Oregon State Investment Group (OSIG), a student-led organization that actively manages 3 portfolios including a $1.2 million portfolio on behalf of the OSU Foundation. They are looking for qualified, professional students for a 1 year commitment and being a finance or accounting major is not a requirement. In fact, no previous experience is required and training will be provided. Click here for more information and apply by Jan 20.

ATTEND THE 6th ANNUAL NONPROFIT AND VOLUNTEERING EXPO. On Jan 25, 1–4 pm in the MU Ballroom, meet representatives from over 50 local and national nonprofit and government organizations who are seeking OSU volunteers, interns, and employees. Network with people who share your interests and passions, and learn more about the many opportunities available in the nonprofit and public service fields. Click here for more information.

APPLY FOR COE SCHOLARSHIPS. As you have seen in your email, the COE scholarship application for the 2012-13 school year closes on Feb 1 at 11:59 pm. Get your application in for a chance at money to help finance your studies. If you are going to receive money, you will be notified by June 1.

Scholarships, Fellowships, and Research Internships

REU = Research Experience for Undergraduates
URISC = Undergraduate Research, Innovation, Scholarship and Creativity

BONNEVILLE POWER ADMINISTRATION STUDENT TEMPORARY AND CAREER PROGRAMS. These programs have work ranging from summer or school year internships to a career mentorship program that rotates students through different engineering work groups and positions them for full-time employment. Click here for more information and apply by Feb 1.

SMITHSONIAN INSTITUTE ENGINEERING HISTORY PAID INTERNSHIP. If you have an interest in history, there is a unique opportunity to intern part-time for 10 weeks at the Smithsonian Institute in Washington, DC for a stipend of $5,000. Click here for more information and apply by Feb 1.

SUMMER RESEARCH INTERNSHIP AT NASA. Apply by Feb 1 for the opportunity to have an internship at the NASA Langley Research Center in Hampton, VA.

UNIVERSITY OF CALIFORNIA, BERKELEY REU. This program introduces energy efficient electronics science to undergraduates who are motivated by science and engineering. Click here for more information and apply by Feb 1.

AIR FORCE RESEARCH LAB (AFRL) SUMMER INTERNSHIP PROGRAM. Scientists and engineers at AFRL's Directed Energy and Space Vehicles Directorates are offering 3 internship opportunities: the Space Scholars, the Directed Energy Scholars, and the Phillips Scholars Programs. Click here for more information on each program and to apply by Feb 6.
Job and Internship Opportunities

**MIME DYNAMIC ROBOTICS LAB.** The Dynamic Robotics Lab (DRL) is seeking aspiring roboticists to join our multidisciplinary team working to build walking and running robots. The optimal applicant has a focus in ME, EE, or CS but with some experience across those disciplines, and is interested and excited to take on challenging projects in a fast-paced, results-oriented research lab. For ME students, having completed ME 250 is a plus. To inquire, please email Jesse Grimes.

**STUDENT SUSTAINABILITY INITIATIVE.** The SSI is looking to hire many interns for winter term. There are many different types of positions open. Check the SSI website for more information. Applications are due Jan 10 or 15, depending on the position.

**RESIDENT ADVISOR POSITIONS WITH UHDS.** University Housing and Dining Services is currently seeking applicants to serve as Resident Assistants for the 2012-2013 academic year. Resident Assistants are peer leaders in their communities who help support students in their transition and connection to college, and who serve as a resource and mentor in the residence halls. Applications close at 11:59 PM on Jan 16. More information and the application can be found by clicking here.

**ASSOCIATE DESIGN ENGINEER.** CampusPoint is looking for a bright, recently graduated mechanical engineer to join their growing team as an Associate Design Engineer. The job entails planning, organizing, and performing engineering assignments including the design of rail cars, parts, and components or assigned phases or major projects as well as special projects. Click here for more information.

Here are some of the listings you will find when you search The Beaver JobNet for current postings:

- NEW! Grad Student Summer Internships at Novellus Systems Inc (closes Jan 17)
- NEW! Undergraduate Student Summer Internships at Novellus Systems Inc (closes Jan 17)
- Novellus Systems Inc (all close Jan 17)
  - NEW! Field Service Engineer
  - NEW! Manufacturing Engineer
  - NEW! Process Development Engineer
- Manufacturing Engineer at Goodrich Corporation (extended to Jan 20)
- NEW! Systems Validation Engineer at Graphic Products, Inc (closes Jan 27)
- NEW! Application Scientist at Nanometrics (closes Jan 31)
- NEW! Engineering Intern at BNSF Railway (closes Jan 31)
- NEW! Engineering Management Trainee at BNSF Railway (closes Jan 31)
- NEW! Mechanical Engineer at Goodrich Corporation (closes Jan 31)
- Microelectronics Hardware Engineer at Biotronik/Micro Systems Engineering (closes Jan 31)
- NEW! Project Developer: Energy Services and Renewables at Ameresco Quantum (closes Jan 31)
- Service Engineer at KoCoS Technologies LLC (closes Jan 31)
- NEW! Catia V5 Junior Consultant at PCO Innovation (closes Feb 3)
- NEW! Distribution Center Industrial Engineer at Toys R Us in Rialto, CA, Reno, NV, McDonough, GA, or Mt. Olive, NJ (all close Feb 29)
- NEW! Mechanical Design Engineer (Entry Level) at Xerox (closes Mar 30)
• NEW! **Logistics Engineer** at Wal-Mart (closes Sept 20)
• **Quality Control Technical Staff Member** at Maxim Integrated Products (closes July 31)
• **Process Engineer NCG (MS or PhD)** at Maxim Integrated Products (closes July 31)
• **Senior Process Engineer NCG (MS or PhD)** at Maxim Integrated Products (closes July 31)
• **Logistics Engineer** at Wal-Mart (closes Sept 20)
• **Technician/Programmer** at CCI Automated Technologies (closes Oct 2)

For links to other MIME-related resources, [click here](#).

For help with polishing your resume or cover letter, or for services such as mock interviews, workshops, and career counseling, visit [OSU Career Services](#) in Kerr Administration Building or [online](#).

**Faculty and Post-Doc Positions**

**Florida Atlantic University** (Boca Raton, FL) - both open until filled.
- **Asst Professor of Ocean and ME**
- **Eminent Scholar**

**Indiana University-Purdue University Fort Wayne** (Fort Wayne, IN) - [Directory of the Systems Engineering Center](#), open until filled.

**Mississippi State University** (Mississippi State, MS) -
- **Professor/Head of Industrial and Systems Engineering** (PARF 6340), application review starts Feb 1.
- **Asst Professor** (PARF 6133), open until filled.

**Ohio University** (Athens, OH) - [Asst Professor in ME](#), closes Feb 7.

**Pennsylvania State Erie, The Behrend College** (Erie, PA) - [Faculty position in ME](#), closes TODAY, JAN 9.

**Ryerson University** (Toronto, Ontario, CANADA) -
- **Chair of the Dept of Mechanical and Industrial Engineering**, closes Jan 16
- **Asst Professor of Thermofluids**, closes Jan 15
- **Asst Professor of IE**, closes Jan 15

**University of Michigan** (Dearborn, MI) - [IME Systems Engineering position](#), closes Feb 15.

**University of Nevada-Las Vegas** (Las Vegas, NV) - [Asst/Assoc Professor in Renewable Energy, Biomedical, or Nuclear Engineering](#), closes Feb 15.

**University of Washington** (Seattle, WA) - [Asst/Assoc Professor in the Dept of ME](#), closes Jan 31.

**University of Wisconsin-Madison** (Madison, WI) - [Joint faculty position in Clinical Informatics with the Dept of Industrial and Systems Engineering and the School of Medicine and Public Health](#), closes Jan 15.

Forward newsletter submissions to mime.ebulletin@oregonstate.edu by Friday at 5 pm each week to appear in the
following Monday’s issue. For access to past MIME E-Bulletins, visit the e-bulletin archives.