Feature Stories

Cast your vote for this year's ME and IME Outstanding Professors

Starting today, all MIME students have the chance to cast a vote for the faculty member you think should be the 2011-12 ME or IME Teacher of the Year. Click here to vote for your favorite faculty member. Don't miss the opportunity to weigh in on this important decision. Voting closes on Feb 15.

Meanwhile, faculty will also be voting... for the 2011-12 Most Outstanding ME and IME Seniors. The winners of these four awards will be honored at the MIME Winter Awards Banquet on Feb 29 (see next announcement).

Pro-School Students and Faculty: Join us on Feb. 29 for the MIME Pro-School Winter Banquet

Each year, the School of MIME stages a banquet for pro-school students. Attendance is free, and along with a great meal and a chance at raffle prizes, this is a great opportunity to socialize with both peers and faculty and to recognize this year’s ME and IME graduating seniors, many of whom will be leaving campus after winter term. Plus, the winners of the 2011-12 Outstanding Seniors and Teacher of the Year elections will be announced for the first time. This year's banquet will be Feb 29 at 5:30 pm in MU 109.

The banquet is being organized by Alpha Pi Mu and Pi Tau Sigma, the IME and ME honor societies. To attend, please sign up in Dearborn 102 by 5 pm on Feb 15. Your significant other is welcome to join us as well.

Mark Your Calendar
Below is a list of events that people have told us about and the listing is not intended
to 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

\textbf{Mon, Feb 6}
\textbf{Design and Mechanics Seminar.} 3 pm, Covell 117 (MIME Library). Contact Joe Piacenza for more information.

\textbf{Wed, Feb 8}

\textbf{Thurs, Feb 9}
\textbf{COE International Programs Information Session.} 10 am–1 pm, MU International Resource Center (adjacent to the MU Living Room). Refreshments provided.

\textbf{Materials Science Seminar:} "Ferecrystals: New Materials with Designed Nanoarchitecture and Tunable Properties" presented by Dr. Dave Johnson from the UO Dept of Chemistry. 3 pm, Covell 117 (MIME Library). Contact Brady Gibbons for more information.

\textbf{Fri, Feb 10}

\textbf{MIME Graduate Defense:} Adhesive Microlamination Protocol for Low-Temperature Microchannel Arrays presented by Prawin Paulraj, candidate for PhD in Industrial Engineering. 1 pm, Valley Library 1420.

Plan Ahead

\textbf{Mon Feb 13}
\textbf{Design and Mechanics Seminar,} presented by Chiradeep Sen. 3 pm, Covell 117 (MIME Library). Contact Joe Piacenza for more information.

\textbf{Wed, Feb 15}
\textbf{Registration ends} for MIME Winter Awards Banquet on Feb 29. Sing-up by 5pm, Dearborn 102. All MIME Pro-School and Faculty are welcome and may bring a guest.

\textbf{Voting closes} for ME/IME Teacher of the Year.

\textbf{Thurs, Feb 16}
\textbf{Materials Science Seminar:} TBA presented by Dr. Ravi Eluri from the Microproducts Breakthrough Institute. 3 pm, Covell 117 (MIME Library). Contact Brady Gibbons for more information.

\textbf{Fri, Feb 17}
\textbf{MIME Seminar:} TBA presented by Dr. Raju Mattikalli. 2:30
pm snacks, 3–4 pm talk. Covell 117 (MIME Library).

**Engineers Without Borders Water for the World fundraising banquet.** 6 pm, Corvallis Country Club.

**Mon, Feb 20**
*Design and Mechanics Seminar*, presented by Robert Roedts of Columbia Helicopters. 3 pm, Covell 117 (MIME Library). Contact Joe Piacenza for more information.

**Wed, Feb 22**
**OSU Career Fair.** 11 am–4 pm, CH2M Hill Alumni Center.

**EECS-MIME Industry Reception.** Recruiting event for EECS and MIME students of all levels. 5:30 pm, KEC Atrium.

**Thurs, Feb 23**
**Engineering Career Fair.** 11 am–4 pm, CH2M Hill Alumni Center.

**Materials Science Seminar:** "Soft Magnetic Thin Film Applications at Radio Frequencies" presented by Dr. Masahiro Yamaguchi, Dept of Electrical and Communication Engineering, Tohoku University. 3 pm, Covell 117 (MIME Library). Contact Brady Gibbons for more information.

**Mon, Feb 27**
*Design and Mechanics Seminar*. 3 pm, Covell 117 (MIME Library). Contact Joe Piacenza for more information.

**Wed, Feb 29**
**MIME Winter Awards Banquet** for all pro-school students and faculty. 5:30–7:30 pm, MU 109. Free food, raffle prizes, and great company. RSVP by Feb 15 in Dearborn 102.

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**Announcements**

**Undergrad and School-Wide**

**TOUR LEADER OF FREEZE DRY TECHNOLOGY.** The Willamette Valley Section of the Society of Women Engineers is hosting a professional development program and tour of Oregon Freeze Dry in Albany on **March 8**, at 4 pm. OFD is relatively unknown in our area, yet its 35 acre spread provides 60% of the US capacity for freeze drying. They produce numerous food products as well as processing medical and pharmaceutical devices and materials. Following the tour, there is an option dinner meet-n-greet at Sweet Red Coffee and Wine Bistro. Email your required registration to Betty Coulman by **Feb 10** for both activities.

**SERVE COMMUNITIES DURING SPRING BREAK.** There are several opportunities for you to travel and serve some disadvantaged populations while getting a great experience to put on your resume. Trips this year include Urban Beautification and Poverty in Yakima, WA; Hunger and Homelessness in San Francisco, CA; and Environmental Restoration in Newport, OR. Visit the **OSU Center for Civic Engagement's website** for more information and apply by **Feb 17**.

**EXPLORE YOUR EARTH SCIENCE INTEREST.** The
**Increasing Diversity in Earth Science (IDES) mentoring program is now accepting applications. IDES is a 2-year Oregon-focused mentoring program for sophomores/juniors that provides students from diverse academic and personal backgrounds the opportunity to be involved in and explore the Earth Sciences as a possible career-track. Participants are funded while being mentored and attending summer training in basic geographic information systems, image processing, and developing projects of interest. Visit the [IDES website](http://www.ides.oregonstate.edu) for more information and apply by **March 1**.

**ATTEND THE NEXT WOMEN IN ENGINEERING GLOBAL MARATHON.** The 2012 Global Marathon is a free virtual networking and problem solving event designed to bring women engineers worldwide together to discuss making a difference through engineering. It runs **March 5-10** with the North American program happening on March 5. [Registration](http://www.iewomen.org) is required.

**Faculty/ Staff/ Grad Students**

**GRAD STUDENTS: VOICE YOUR OPINION ON GRADUATE EDUCATION AT OSU.** Make your voice heard and join with other graduate students to help shape the Graduate School’s 5-Year Strategic Plan. An open forum will be held TODAY, **Feb 6**, 4–5:30 pm in MU 109. Although international students are welcome to attend the Feb 6 forum, another session specific to international students will be held **Feb 7**, 4–5:30 pm, also in MU 109. [RSVPs are requested](mailto:grad.council@oregonstate.edu). There will be refreshments and door prizes.

**BE A GTA FELLOW.** The Center for Teaching and Learning (CTL) is recruiting 10 experienced graduate students to serve as GTA Fellows for 2012 and gain valuable teaching experience and participate in regular trainings and professional development. GTA Fellows’ primary responsibility will be planning and facilitating the CTL’s annual New GTA Orientation event in September but will also have additional for-credit opportunities to develop and facilitate GTA workshops and to serve as consultants to their fellow teaching assistants in their respective departments. Visit the [CTL website](http://www.ctl.oregonstate.edu) for more information and apply by **April 1**. Faculty and staff are encouraged to nominate outstanding GTAs within their departments by emailing [Tess Collins](mailto:tess.collins@oregonstate.edu).

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**Scholarships, Fellowships, and Research Internships**

**REU = Research Experience for Undergraduates**

**URISC = Undergraduate Research, Innovation, Scholarship and Creativity**

**REU IN ELECTRON MICROSCOPY AT PORTLAND STATE.** Portland State University’s summer REU program is an 8-week program that gives students the opportunity to learn to operate either a scanning electron or focused ion beam microscope (SEM or FIB), and then use these techniques when working on their independent research projects. The program runs June 18–Aug 10, and students will be expected to work
approximately 40 hours per week for a $4,000 stipend. Visit the REU website for more information and apply by Feb 15.

REU IN NANOSCALE SCIENCE AND ENGINEERING AT VANDERBILT UNIVERSITY. The Vanderbilt Institute for Nanoscale Science and Engineering (VINSE) focuses on interdisciplinary nanoscale research at the interface of biology, chemistry, physics, and engineering. Each REU participant will work directly with VINSE faculty members and their research groups and be part of the larger VINSE community. Click here for more information and apply by Feb 15.

HYDRO RESEARCH FOUNDATION. The Hydro Research Foundation is looking to fund 7-10 graduate student fellowships worth $46,000 to $80,000. Applications are due March 1. Click here for more information.

APPLY NOW FOR THE OSU RETIREMENT ASSOCIATION SCHOLARSHIP. The Oregon State Retirement Association (OSURA) provides scholarship support to undergraduate students at OSU who are majoring in a subject that contributes to a career that promotes healthy aging. If you have completed at least one year of study and have at least one year remaining toward your first bachelors, you are eligible to apply. Apply by March 5 for your chance at a scholarship award of $750 to $1,500. Click here for more information.

OSU FOLK CLUB SCHOLARSHIP FOR FEMALE STUDENTS. The OSU Folk Club Thrift Shop is looking to award $2,400 scholarships to female students who are 30 or older by the application deadline, are a resident of Benton county, and are full-time OSU students in the 2012-2013 school year while pursuing a bachelor’s, master’s, or professional degree (no PhD or EdD). Preference will be given to women who have had a break in their post-secondary studies and are returning after an absence and principal criteria are financial need and merit. More information and applications are available here. The deadline to apply is March 19.

Job and Internship Opportunities

- **BOEING** is looking for an equipment engineer (mechanical) with a primary focus on design, procurement, reliability, and improvements on metal finishing equipment for their Portland location. Apply through the Boeing website.
- **GLUMAC** is seeking pro-school through graduate level ME interns who are passionate about sustainability and have an interest in building systems. These paid internships will be in the new Corvallis office and are roughly 3 months long and with ~10 hours of work per week. Contact Ruth Wilson at (541) 512-6220.
- **KRAFT FOODS** is recruiting for an engineering-focused Operations Maintenance Intern for their Fresno, CA location. Email Rebecca Walker for more information.
- **POSH CONSULTING** is looking to fill several ME positions.

Here are some of the listings you will find when you search The Beaver JobNet for current postings:
• RapidMade
  ○ **NEW! Materials/Mechanical Engineer** (closes Feb 27)
  ○ **NEW! Design Engineer** (closes Feb 29)
• Distribution Center Industrial Engineer at Toys R Us in **Rialto, CA, Reno, NV, McDonough, GA, or Mt. Olive, NJ** (all close Feb 29)
• **NEW! Process Technology Internship** at EJ Gallo (closes Feb 29)
• Georgia Pacific
  ○ **NEW! Senior Staff/Project Engineer** (closes Feb 29)
  ○ **Entry-Level Program Engineer** (closes March 9)
  ○ **Manufacturing Engineering** (closes March 9)
• **Project Engineer Intern** at BMWC Constructors, Inc (closes March 16)
• **Mechanical Design Engineer (Entry Level)** at Xerox (closes March 30)
• **Mechanical Engineer** at Northwest UAV (March 30)
• **NEW! Microelectronics Hardware Engineer** at Biotronik/Micro Systems Engineering (closes March 30)
• **Senior Mechanical Engineer** at Mill Power Inc (closes March 31)
• WaferTech (both close April 30)
  ○ **NEW! Manufacturing Opportunity Intern**
  ○ **NEW! Multiple Engineering and Facilities Intern Opportunities**
• Maxim Integrated Products (all close July 31)
  ○ **Quality Control Technical Staff Member**
  ○ **Process Engineer NCG (MS or PhD)**
  ○ **Senior Process Engineer NCG (MS or PhD)**
• **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](#).

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**Faculty and Post-Doc Positions**

**George Mason University** (Fairfax, VA) -

○ **Systems Engineering TT Asst/Assoc Prof and an Operations Research TT Asst Prof** (position F9566z). Application review begins Feb 13.
○ **Systems Engineering Asst Prof** (term position; F9567z). Application review begins Feb 15.

**Tennessee State University** (Nashville, TN) - Thermal System Design TT faculty position. Contact the Dept of Mechanical and Manufacturing Engineering at (615) 963-5387 for more information.

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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.