School of MIME E-Bulletin

Weekly Newsletter for the School of Mechanical, Industrial, & Manufacturing Engineering at Oregon State University

October 31, 2011

Happy Halloween!

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Feature Stories

"Experiencing research, culture, and karaoke in Japan"
In this month's edition of the American Ceramics Society Bulletin, Eric Patterson, a MIME materials science graduate student, is the guest columnist who talks about his experience on a 6-month internship at TDK Corporation in Japan. Read about his by clicking here.

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.

Other useful calendars: OSU Academic Calendar, Austin Entrepreneurship Program

This Week

- Tues, Nov 1
  COE Pro-School Application closes (for winter term admittance).
- Wed, Nov 2
  Get to Know Your Professors: Dr. David Kim followed by IME All-Member Meeting (IIE, SME, SMTA, and APM). 6 pm, MIME Library (Covell 117). Come and get to know Dr. Kim and hear about his experiences in industry and academia and stay for the IME all-member meeting.
Fri, Nov 4


**Plan Ahead**

Mon, Nov 7

**Pacific Northwest National Labs Info Session.** 10 am, Covell 139.

**MIME Seminar: Reliable Numerical Methods for Large-Scale Game-Theoretic Market Systems Models of Engineering Design** presented by **Dr. W. Ross Morrow**. 2:30 pm snacks, 3–4 pm talk. Covell 117 (MIME Library).

Wed, Nov 9

**IAB Professional Development Series: "New Product Commercialization" and "Corporate Entrepreneurship"** presented by **Jake VanderZanden**, President of ICS and Senior Vice-President of New Product Development at Blount International. 6 pm, Dearborn 118. Pizza and drinks provided.

Fri, Nov 11

**ASME Pumpkin Chunkin'.** 2 pm, park at 11th and Monroe in Corvallis.

Mon, Nov 14

**MIME Graduate Defense: Agent-Based Resource Allocation in Dynamically Formed CubeSat Constellations** presented by **Chris Holmes-Parker**, candidate for MS in Mechanical Engineering. 2 pm, Valley Library 1420.

**Announcements**

**Undergrad and School-Wide**

**ATTEND SEMINARS FROM BIG NAMES IN BUSINESS.** The College of Business (COB) and the Austin Entrepreneurship Program (AEP) host an incredible number of distinguished business speakers every term and they encourage COE students to attend. Tomorrow, **Nov 1 at noon** in the Construction & Engineering Hall in the LaSells Stewart Center, the speaker is **Bert Sperling** of Sperling’s BestPlaces --“Create Your Own Brand and Control Your Destiny.” For more information about this and other COB presentations, [click here](#) and for information on the AEP speakers, please [click here](#).

**GET TO KNOW DR. KIM.** This Wed, **Nov 2** at 6 pm in the MIME Library (Covell 117), get to know one of your IME professors, **Dr. David Kim**. You can hear about his experiences in industry and academia. Following his session, there is an IME all-member meeting (for IIE, SME, SMTA, and APM). If you have an interest in joining any of the groups, you are welcome to attend!

**EXPLORE RESEARCH OPPORTUNITIES WITH PNNL.** The Pacific Northwest National Labs is hosting an info Session on **Mon, Nov 7** at 10 am in Covell 139. Come and learn about summer research opportunities they have available. [Register to attend](#) the info session or [email Marleigh Perez](#) for more information.
WATCH OUT FOR FLYING OBJECTS! Pumpkins will be flying on Fri, Nov 11 as the OSU chapter of the American Society of Mechanical Engineers (ASME) hosts its second annual Pumpkin Chunkin’ event. The event is open to all OSU students to design and build an apparatus to hurl pumpkins of various sizes across a grassy field at a target 50 yards away and create glorious splatter. There are prizes for 1st place, best design, and most spirited with the scoring based on design, performance, and safety. Set-up is at 2 pm, with the first throws launching at 2:30 pm at the park at 11th and Monroe. Come watch or check out the rules to find out what you need to do to enter your own device.

Faculty/Staff/Grad Students

START SMART COURSE FOR FEMALE GRAD STUDENTS. Over the course of her working life, a woman will earn roughly $1 million less than a man... simply because she is a woman. Start Smart is a free interactive workshop designed to give college women the confidence and skills they need to earn fair compensation. Nov 8, 3–6 pm in MU 213. Register here.

Scholarships, Fellowships, and Research Internships

COMPILED OF SCIENCE AND MEDICAL RESEARCH OPPORTUNITIES. The Fred Hutchinson Cancer Research Center has compiled a list of many available research opportunities for undergraduates. Check it out to see if there is one that suits you.

2011 NASA STUDENT SYMPOSIUM. On Nov 4, 9 am–7 pm, OSU will host a NASA Student Symposium in the MU Journey Room. The Symposium will feature student posters and presentations describing research and internships funded by NASA and the Oregon NASA Space Grant Consortium. Students with an interest in science, technology, engineering, math, or education will learn how NASA can help them to attain their career goals. Free food and refreshments provided. For more information, contact Laura Peckyno.

SCHOOL FOR INTERNATIONAL TRAINING (SIT) is offering scholarships up to $10,000 to students aspiring to go to China, Mongolia, or Vietnam during the winter/spring 2012 terms. If you are interested, check out the SIT website or email Padma Akkaraju. Applications are due Nov 15.

STUDENT SUSTAINABILITY INITIATIVE. The Student Sustainability Initiative (SSI) is now accepting grant applications for student projects. There is $26,000 available! As a student, you can apply for up to $6,000 in funding for a sustainability related project. Projects that benefit sustainability, OSU students, and the SSI’s mission "Supporting student efforts to create a sustainable community at OSU through opportunity, education, and action" are more likely to be funded. For more information visit the SSI website and get your application in by Nov 20.

Job and Internship Opportunities

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

- **Ashland Manufacturing Intern** at Ashland Inc (closes Oct 31)
- **Ashland Technical Sales Intern** at Ashland Inc (closes Oct 31)
- **Sr. Software Engineer** at Nanometrics (closes Oct 31)
- **Deployment Consultant - CATIA** at Dassault Systemes (closes Nov 1)
- **Deployment Consultant - Application Testing** at Dassault Systemes (closes Nov 11)
- **Deployment Consultant - Enovia Specialist** at Dassault Systemes (closes Nov 11)
- **Entry Level Mechanical Engineer** at Markey Machinery Company, Inc (closes Nov 14)
- **Mechanical Engineer** at Markey Machinery Company, Inc (closes Nov 14)
- **NEW! Product Planner/Scheduler** at Novellus Systems Inc (closes Nov 18)
- **NEW! Manufacturing Associate Program** at Novellus Systems Inc (closes Nov 19)
- **NEW! CAReer-The Talent Program-Safety & Compliance Engineer** at Daimler Trucks North America (closes Nov 21)
- **NEW! CAReer-The Talent Program-Vehicle Integration Engineer** at Daimler Trucks North America (closes Nov 20)
- **NEW! Electrical Engineer** at Graphic Products Inc (closes Nov 22)
- **NEW! Mechanical Engineer** at Graphic Products Inc (closes Nov 22)
- **Production Manager/Engineer** at Double Press Manufacturing, Inc (closes Nov 28)
- **MBA and MS/PhD in Engineering Latin America & Caribbean** at Kimberly-Clark (closes Nov 29)
- **NEW! Mechanical Engineering Student Intern** at Daimler Trucks North America (closes Nov 29)
- **Application Engineer** at Applied Materials, Inc (closes Nov 30)
- **ELE Project Engineer - Electrical & Mechanical** at Georgia-Pacific (closes Nov 30)
- **NEW! Electrical Engineer Student Intern** at Daimler Trucks North America (closes Nov 30)
- **Sport Research Intern with Adidas Innovation Team** at Adidas (closes Nov 30)
- **Industrial Engineering Intern** at Linn County General Services (closes Dec 1)
- **Operations Engineering Intern** at Linn County General Services (closes Dec 1)
- **Associate Design Engineer** at Gunderson LLC (closes Dec 10)
- **Crew Training Engineer** at Bechtel Corp (closes Dec 24)
- **NEW! Materials Engineer** at Johnson Controls (closes Dec 31)
- **Reliability Engineering Intern** at Georgia-Pacific (closes Dec 31)
- **Service Engineer** at KoCoS Technologies LLC (closes Jan 31, 2012)

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**

- **Boston University** (Boston, MA) - **Assistant Professor level in the area of Acoustics**, closes Jan 31.
- **Cleveland State University** (Cleveland, OH) - **Parker Hannifin**
Endowed Chair in Human Motion and Control, applications screened upon receipt for immediate start date.

Georgia Southern University (Statesboro, GA) - Assistant Professor of Mechanical Engineering with an emphasis in Mechatronics. Applicant screening begins Nov 1.

Northeastern University (Boston, MA) - Faculty Position in Healthcare Industrial Engineering (requisition 114273).

Pennsylvania State University (University Park, PA) - Tenure-track Faculty Position, closes Dec 23.

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.