WILLIAMS STUDENT SERVICES CENTER NEWS

October 17, 2011

This E-Newsletter Includes:

- Announcements
- This Week’s Events
- Upcoming Events
- Career and Internship Opportunities—NEW!
- Research Opportunities
  - Workshops
  - Study Abroad
  - Awards—
- Scholarships and Grants—NEW!
- Advising Information
- UOSA Registration
- Tutoring Information—FREE!

DO NOT REPLY: Students enrolled in College of Engineering courses receive this weekly e-newsletter. Questions or submissions, contact coe_newsletter@ou.edu.

ANNOUNCEMENTS

Connect!!! Follow OU College of Engineering
Like us On Facebook at University of Oklahoma College of Engineering
Follow us on Twitter @ENGINEERINGatOU View us on YouTube

Let us hear from you!
Share news about your awards and projects! Email pictures, video, text about your engineering organization or team to be featured on the big screen in the
REPF lobby. Please send all materials to goengineering@ou.edu or stop by the Recruiting and Outreach office in REPF 110. *Have an announcement for the weekly E-Newsletter? Email coe_newsletter@ou.edu by Monday at 9am.*

**Honors/Engineering Liaison**
College of Engineering students who are also in Honors College or wish to learn about pursuing the engineering with honors curriculum please contact **Dr. Chris Dalton**, cdalton@ou.edu.
Dr. Dalton is available Monday through Thursday from 1 – 3 PM or by appointment in REPF 114.

**THIS WEEK’S EVENTS**
**Engineers' Club Homecoming Open Pomping**
Every Weekday, 5pm - 11pm
**Fears Lab (south of Reaves Park on Constitution)**
Help E-Club make this year's homecoming the best one yet, FREE food, make friends, and have FUN!
For accommodations on the basis of disability contact E-queen, Cassie Gonzales, cassie_gonzales@ou.edu.

**Center for Creation of Economic Wealth (CCEW)**
**Information Session**
**Monday, October 17th, 2011**
1:30-2:30pm, REPF 200
Come learn about opportunities with CCEW and hear from engineering students interning with them!

**UPCOMING EVENTS**
**Cornell Physicist to Visit COE!**
Monday, October 31
Paul McEuen, author of *Spiral*, a novel written by one of the leading researchers in nanoscience, will be the Sam Wilson Lecture speaker on Monday, October 31. McEuen has already sold the movie rights to this riveting debut thriller.

The Future of Small
3:00-4:30 p.m.
Gaylord College of Journalism Auditorium

Reception
4:30-5:30 p.m.
Gaylord College of Journalism Inasmuch Commons, Gaylord Hall (south oval)

We know. You want to read the book. Simply visit the Engineering Library located on the second floor of Felgar Hall. They have six copies available for you to check out. Disclaimer: Once you start reading this book, you won’t be able to put it down.

Volunteers needed!
First LEGO League
November 12, 2011
A FIRST Lego League competition will be hosted by the Francis Tuttle Pre-Engineering Academy at their Portland (OKC) campus on 12 November 2011. There is a need for volunteers to help stage the event and to serve as judges for the event. The competition is an all day event and is a great opportunity to volunteer and interact with potential OU / CoE students. Specifics regarding the competition can be found at: [http://firstlegoleague.org/challenge/2011foodfactor](http://firstlegoleague.org/challenge/2011foodfactor). Specific information regarding judging can be found at: [http://firstlegoleague.org/event/judging](http://firstlegoleague.org/event/judging). To volunteer or for more information please contact Bryan Kitzrow at the Francis Tuttle Pre-Engineering Academy at (405) 717-4698 or at bkitzrow@francistuttle.edu.
Sooner Launch Pad Pitch Competition
Sponsored by the Price College Center for Entrepreneurship! For more information, please go to
(http://www.ou.edu/slp/programs/pitch.html)
The SLP Pitch Competition has the objective to propel students' business ideas into real enterprises. SLP will host the third annual Pitch Competition on November 18th, 2011. The competition is open to current OU student teams from all disciplines and academic levels. In order to compete, teams will need to submit a business pitch slide deck and executive summary to slp@ou.edu by 10am on Monday, November 7th.

RECOGNITION RECEPTION FOR FALL 2011 GRADUATES
Friday, December 16, 6:30-7:30 pm
Candidates for Fall 2011 graduation will be honored at a recognition event scheduled for December 16, 6:30 pm. Recognition ceremony begins at 6:45 pm. Caps and Gowns not required although they will be provided for photos. You may complete a reply card in Williams Student Services Center, FH 112 as your RSVP. Please RSVP by December 8 the number of graduates and guests who will attend the reception. You may also complete the card and e-mail it as an attached document to coe.wssc@ou.edu.

CAREER AND INTERNSHIP OPPORTUNITIES
Naval Research Enterprise Internship Program (NREIP)
The Naval Research Enterprise Internship Program (NREIP) is a ten week summer research opportunity for undergraduate Sophomores, Juniors & Seniors, and Graduate students, under the guidance of a mentor, at a participating Navy Laboratory. The stipend amounts for the program are $5,250.00 for Sophomores, $7,880.00 for Junior and Senior undergraduate students and $10,500.00 for graduate students. U.S. citizenship required; Permanent residents accepted at certain
Again Sophomores NOW accepted!! The online application is now open at https://nreip.asee.org/ and must be completed by January 6, 2012. All accompanying documents (official transcripts and reference letters) are due by January 6, 2012.

SENIORS: Calling Future Entrepreneurs for Entrepreneurship Experience
Apply for a trip to Austin to meet with successful entrepreneurs, angel investors and venture capitalists
- Learn from their successes and challenges
- Build mentoring relationships
- Explore successful companies and industry models
- No cost to you (transportation, food, housing included)
Six seniors will be selected via application process for the Nov. 29-Dec 2 trip. Faculty members send student nominations to Brandon Brooks, bbrooks2ou.edu by Monday, October 24.

Engineering Students: Career Services
Looking for a job or internship. Get help with your resume, job listings, and interview skills
Re-Activate or open your HIREsooner account at HIREsooner.com.
Work on your resume in Optimal Resume or review your current resume.
Stop by career services or click on this link to how Career Services can help!
http://www.ou.edu/career/

NASA supported internships, fellowships and scholarships
Too many to list. Check it out!
http://intern.nasa.gov/
• **Student Temporary Employment Program (STEP)**
  - http://jobs.bpa.gov/Just_For_Students/StudentPrograms.cfm

Interested in learning more about Bonneville Power Administration (BPA), Dept of Energy, and earn money at the same time? BPA’s STEP program provides an opportunity for students to earn money, continue their education, train with professionals, and combine academic study with on-the-job experience. Work does not have to be related to the student's academic or career goals. Students may work part time when school is in session and full time during vacation periods. Students can be hired for the summer or for as long as they are an eligible student.

• **Department of Energy: General Counsel Undergraduate Intern Program**

The Department of Energy’s Office of the General Counsel Undergraduate Intern Program offers an exciting opportunity for college students to gain firsthand exposure to cutting-edge issues in energy law and policy. The General Counsel’s Office provides legal advice, counsel, and support to the Secretary, the Deputy Secretary, and program offices throughout DOE to further the Department’s mission of advancing the national, economic, and energy security of the United States through scientific and technological innovation and the environmental cleanup of the national nuclear weapons complex.

Interns will have an opportunity to attend meetings, observe hearings, and learn first-hand about the work of DOE and the Office of the General Counsel. Interns can expect work assignments concerning an array of energy related issues, such as energy efficiency enforcement, implementation of energy law, renewable technologies, and increasing transparency, accountability and efficiency within the DOE. Examples include: (1) policy and legal research on energy-related issues; (2) cite-checking and proofreading legal briefs, memoranda, and correspondence; (3) maintaining and improving the General Counsel Office website and DOE internal wiki; and (4) various administrative duties.

The Undergraduate Intern Program will run for a minimum of ten weeks during the fall, spring and summer – however we can be flexible on dates to accommodate academic schedules. To apply, please send a cover letter, resume,
and transcript directly to the Office of the General Counsel’s email at gcintern@hq.doe.gov. Applications are due by **August 1 for the fall semester; October 15 for the spring semester; and February 1 for the summer.**

**Research Experience for Undergrads**

REU and internship opportunities from Pathways to Science website, [www.pathwaystoscience.org](http://www.pathwaystoscience.org).

**WORKSHOPS**

**FREE LabVIEW instruction and certification workshops**

**Every Other Monday or Wednesday, 6-9 PM, CEC 206**

This semester, your LabVIEW Student Ambassador will be hosting FREE LabVIEW workshops to help students and researchers both learn LabVIEW, and to try for certification. LabVIEW has become an industry standard programming language for measurement and control, due to its simplicity and power, and learning how to use this suite is crucial to every aspiring engineer. These workshops will consist of two parts: the first 1.5 hours will be dedicated to teaching proficiency, and the second 1.5 hours will be dedicated to depth. The proficiency sections are designed for those who wish to use LabVIEW casually, and will cover a breadth of topics. The depth sections are designed for those who need to use LabVIEW in-depth, or who plan to have a career in R&D or test engineering and want LabVIEW certification on their resume. These courses will go into deeper or more advanced topics. Attendance at all proficiency AND depth sections is required to take the FREE LabVIEW CLAD certification test at the end of the course.

Two workshop sections will be offered: **every other Monday, starting on 9/12**, and **every other Wednesday, starting on 9/21**. These workshops will be held in the Carson computer lab, CEC 206, from 6 to 9 PM. The computers in these labs already have LabVIEW installed, so all you need to bring is your thumb drive. To register for the Monday section, go to [http://mondaylsa.eventbrite.com/](http://mondaylsa.eventbrite.com/), and to register for the Wednesday section, go to [http://wednesdaylsa.eventbrite.com/](http://wednesdaylsa.eventbrite.com/). There are 60 seats available in each section, so register quickly. For more information, go to ni.com/ou. For accommodations on the basis of disability, please contact Matthew Granato,
Lean/Six Sigma Fundamentals Certification Workshop

When: February 04, 05, 11, 12, and 18, 2012
Where: CEC 121-122, 8am-5pm
Cost: $350 per OU student; $825 for OU faculty/staff; $1,100 for non-OU; for ALL five days

This is the starting certification workshop in Lean/Six Sigma. Equivalent to White Belt and Yellow Belt combined. 

Lean and Six Sigma are the best known (benchmark) organizational improvement tools. Lean promotes "organizational efficiency" while Six Sigma promotes "organization effectiveness." In combination, they allow an organization to make breakthrough improvements in its performance and customer satisfaction.

Lean/Six Sigma Green Belt Certification Workshop

When: March 03, 04, and 10, 2012
Where: CEC 121-122, 8am-5pm
Cost: $450 per OU student; $975 for OU faculty/staff; $1,300 for non-OU; for ALL three days

For further information and a registration form, please contact Dr. B. M. Pulat at bpulat@ou.edu; 405-325-4532.

FE EXAM REVIEW SCHEDULE

Monday, Oct 17
6:00-9:00 pm, Soils Mechanics, REP 200 (Dr. Miller)

Wednesday, Oct. 19
5:00-9:00 pm, Transportation Engineering, REP 200 (Dr. Reimer)

Thursday, Oct 20
5:00-6:00 pm, Water and Wastewater Treatment Design/Applied environmental Microbiology, DEH 345 (Dr. Strevett)
6:00-9:00 pm, Engineering Econ and Structural Analysis, REP 200 (Dr. Ramseyer)

Monday, Oct 24:
5:00-7:00 p.m. Mechanics of Materials – EPF 200 (Dr. Saha)
7:00-9:00 p.m. Statistics – EPF 200 (Dr. Kumin)

Tuesday, Oct 25:
5:00-7:00 p.m. Economics— EPF 200 (Dr. Pulat)
7:00-9:00 p.m. Thermodynamics— EPF 200 (Dr. Dalton)

Wednesday, Oct 26:
7:00-9:00 p.m. Circuits (Dr. Davis) – DEH 120

Thursday, Oct 27:
5:00-7:00 p.m. Statics— EPF 200 (Dr. Hatami)
7:00-9:00 p.m. Fluids— EPF 200 (Dr. Gramoll)

Review Materials are available in the Engineering Library also

STUDY ABROAD
Application Process for the Engineering Summer France Program, and Engineers in Italy for Summer 2012 opens today!
Find all the application materials at this site:
http://www.ou.edu/content/coe/wssc/left/study_abroad.html
The application deadline for either program is Friday, January 20, 2012 at 5:00 p.m.
Note: Students are encouraged to apply early as seats are limited.

SCHOLARSHIPS, FELLOWSHIPS, AND GRANTS

Financial Support in Graduate School Opportunities
Bridges, GK-12, IGERT and NSF Grad Research Fellowship programs provide generous stipend and tuition support for students through the National Science Foundation:
http://www.pathwaystoscience.org/Grad.asp
Women In Transportation Scholarships
2011 Graduate and Undergraduate Scholarship Applications

WTS: Advancing Women In Transportation is an international organization with over 4,100 members and 47 chapters. WTS is committed to excellence in the transportation industry and provides an opportunity for member career advancement through the exchange of information, ideas, and experiences. WTS’ network provides professional support to its members through a variety of services, including career development assistance, seminars on current transportation issues, and regular newsletters.

To encourage women pursuing careers in transportation, the Greater Dallas/Fort Worth Chapter of WTS awards three local scholarships to a graduate ($1,500) and two undergraduate ($1,000 each) students. The scholarships are open to students attending an eligible college or university (see attached listing) in Texas and Oklahoma. All over the world, local WTS chapter scholarship winners become eligible for a corresponding international scholarship. Four International scholarships are available. The international graduate award is $6,000, the international undergraduate award is $3,000, and the international leadership awards for graduate and undergraduate students are $3,000 each. Applicants should complete the enclosed applications to be eligible for both local and national awards. The three local WTS scholarships are:

Wanda J. Schafer Graduate Scholarship, established in 2002 in honor of the first chapter president of the Dallas/Fort Worth chapter, is designed to encourage women to pursue career paths in transportation. This is a $1,500 scholarship awarded to a student pursuing graduate studies in transportation or a related field.

Dallas/Fort Worth Chapter WTS Undergraduate Scholarship, is designed to foster the development of women in the transportation field by encouraging bright new professionals to undertake careers in transportation. This award is for $1,000.

Monique Pegues Undergraduate Leadership Scholarship, named in memory of a past president of the Dallas/Fort Worth chapter to motivate and reward women who demonstrate leadership in the transportation industry. This is a $1,000 scholarship. The applications are simple and straightforward and may be downloaded from http://www.nctcog.org/trans/wts/. The application form and accompanying transcript, personal statement, and letter(s) of recommendation must be post marked no later than Friday, October 28, 2011, in order to be eligible for the scholarships. We expect to notify the women selected in December 2011. If you have any questions, please feel free to contact Amanda Wilson at (817) 695-9284 or awilson@nctcog.org.

FROM THE ADVISING OFFICE
Contact the advising team in Williams Student Services Center (WSSC) for all enrollment needs.

WSSC Advising Appointments and Walk-ins:
Current College of Engineering students can schedule an appointment via http://iadvise.ou.edu
University College-Engineering majors may call WSSC at (405)325-4096 to schedule an appointment

Walk-in hours (Felgar Hall room 112):
Mondays: 2:30-4pm
Tuesdays –Thursdays: 9:30-11am and 2:30-4pm
Fridays: 9:30-11am

Meet your College of Engineering-Williams Student Services Center (WSSC) Staff
http://www.ou.edu/content/coe/wssc/left/about/staff.html

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<tr>
<th>Advisor</th>
<th>Majors</th>
<th>Contact info</th>
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<tr>
<td>Theresa Marks, M.A.</td>
<td>Backup for all CoE majors</td>
<td><a href="mailto:tmarks@ou.edu">tmarks@ou.edu</a> 325-4096</td>
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<tr>
<td>Director of Advising</td>
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<td></td>
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<tr>
<td>Jana Jacobs, MHR, M.Ed. Asst. Director of Advising</td>
<td>Civil Engineering Architectural Engineering Environmental Engineering Environmental Science Industrial Engineering Engineering-Undecided</td>
<td><a href="mailto:jana@ou.edu">jana@ou.edu</a> 325-4096</td>
</tr>
<tr>
<td>Jeannine Desmarais, MHR Senior Academic Counselor</td>
<td>Electrical Engineering Computer Engineering Chemical Engineering Engineering Physics</td>
<td><a href="mailto:jdesmarais@ou.edu">jdesmarais@ou.edu</a> 325-4096</td>
</tr>
<tr>
<td>Clint Hardesty, MHR Academic Counselor</td>
<td>Aerospace Engineering Mechanical Engineering Computer Science</td>
<td><a href="mailto:clinth@ou.edu">clinth@ou.edu</a> 325-4096</td>
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***NEW*** Withdrawal (W) limit of 5 total OU courses:
Effective Fall 2011 An undergraduate student is allowed only five grades of “W” from OU courses, throughout the course of his/her undergraduate career at The University of Oklahoma.
Once a student reaches this maximum number of W grades, he/she will not be allowed to drop any courses after the free add and drop period (first two weeks of classes). After the five-drop limit has been reached, students with extreme, extenuating
circumstances may apply for an exception to the limit on W grades through the Office of the Provost.

**Fall 2011 ADD/DROP Deadlines and Instructions**

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<th>If you want to...</th>
<th>Deadline</th>
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<tr>
<td>ADD Fall 2011 course(s) <strong>after Sept. 2, 2011</strong></td>
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<td>Must have instructor sign ADD slip (can pick up in WSSC) Bring slip to WSSC, Felgar room 112</td>
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| Receive an **Automatic “W” grade** for dropped course(s) or Complete Withdrawal of classes | Oct 28  | **No instructor signature/permission** needed  
Fill out DROP slip in WSSC, Felgar room 112                                                                                                 |
| Receive a “W” or “F” grade for dropped course(s) or Complete Withdrawal of classes | Dec 9   | Need instructor signature on DROP slip.*  
Fill out petition form in WSSC, Felgar room 112  
*Instructor approval does NOT guarantee approval                                  |

**COLLEGE OF EARTH & ENERGY majors**

Please check with your advising center for specific information and deadlines about advising, graduation, scholarships, seminars. Also, be sure and check out your EarthLink Newsletter posted each week at: [http://mcee.ou.edu/services/services.php](http://mcee.ou.edu/services/services.php)

**FREE TUTORING FOR ENGINEERS!**

Every Sunday - Thursday from 1 - 9 p.m. in REPF 230 and Engineering Library
Free DLC tutoring for engineers begins soon! Our tutors participated in ITPC certification before the fall semester. Tutoring in Physics, Chemistry, Calculus 1-4 and many other courses in engineering. Go to this link for further information about the tutoring schedule for specific courses.

http://www.ou.edu/coe/wssc/left/about/tutoring.html

STUDENT ORGANIZATION INFORMATION FROM UOSA

UOSA BUDGET DEADLINES - DUE SEPTEMBER 29, 2011
Thursday, September 29th, 2011 is the deadline for Subsidiary funding & Union Catering fund applications. Submit all budget applications to UOSABUDGET@ou.edu no later than 4:00pm. Please read the instructions tab before beginning the applications. Emergency funding is also available to any organization that is currently registered with Student Life. This process is ongoing and can be applied for after September 2, 2011.

NEW BUDGET WEBSITE
The new UOSA Webmaster has been working hard over the summer and this week to get the new UOSA Budget Committee website up and running. Please visit the new website for how to spend your UOSA funds, roles of officers, UOSA account handbook and important deadlines. Click Here for the NEW UOSA Budget Committee Website

STUDENT ORGANIZATION MAILBOXES
As a registered student organization most of you were assigned a mailbox in the Conoco Wing. Throughout the year you are encouraged to check your mailbox daily or at the least on a weekly basis. Please send someone to check your mailbox for your organization this week because there may be a reimbursement check or outstanding bill that needs to be paid. Also, if you are getting unwanted subscriptions, etc. please contact the sender and cancel the subscription.

UPDATE SIGNATURE CARDS
If you are currently funded by UOSA and your officers or advisors have changed, please stop by the UOSA office to fill out a new signature card.

***If you are no longer an officer/advisor for an organization please forward it to the new officer/advisor and have them re-register with Student Life at http://rso.ou.edu. ***
POSTING FLYERS AND ADVERTISEMENTS AROUND AND ON COLLEGE OF ENGINEERING FACILITIES/BUILDINGS

NO POSTING OF FLYERS OR INFORMATION ON DOORS, WINDOWS, OR WALLS ON THE NEW DEVON ENERGY HALL AND EXXONMOBIL LAWRENCE G. RAWL ENGINEERING PRACTICE FACILITY. Recently a bulletin board was placed in the ExxonMobil Lawrence G. Rawl Engineering Practice Facility and in Devon Atrium.

NOTE: The OU College of Engineering plans to go GREEN soon – paperless! Please turn in any upcoming meeting notices or other information for College of Engineering students to: coe_newsletter@ou.edu to be included with the weekly CoE Williams Student Services Center E-Newsletter!

For the present time: For Postings on Felgar Hall and Carson Engineering Center, if students do not want their flyers removed by Housekeeping or the College of Engineering, please follow the guidelines as listed below:

1. The flyer must be about COE related events and functions – all other advertisements will be promptly removed.
2. All flyers must include: Accommodations on the basis of disability statement. Example: Accommodations on the basis of disability are available by contacting (name, e-mail address, phone) by (date).
3. The flyers may NOT be posted on painted, finished, or brick surfaces. The adhesive in the tape causes damage to these surfaces.
4. Never use duct or wide packing tape to post flyers. The adhesive on the tape can be damaging to glass or surfaces. One sided “Scotch” type tape only can be used on glass surfaces!!
5. Flyers posted on glass doors should not block the line of sight, i.e. the whole panel can’t be covered – you must be able to see through to the other side. (This is a safety issue and is regulated by The University of Oklahoma).
6. All flyers must include a DATE for a specific event. (Once that date has passed the flyers MUST be promptly removed by the Student organization or Department).
7. All flyers must have the approval of the faculty/staff adviser or Tiffany Smith. A copy of the flyer must be on file with Tiffany Smith located in ExxonMobil Lawrence G. Rawl Engineering Practice Facility, Room 241 before posting.

Rules Updated and adopted by the College of Engineering
8/30/10
OTHER CAMPUS FLYER POSTINGS - If posting in or on facilities that are not engineering buildings, the University requires student groups to fill out and return a Campus Display Request form (separate form) and turn it into the Center for Student Life, OMU, Room 363, for approval. The form requires the signature of the Faculty/Staff Adviser. The form further requires no less than FIVE (5) WORKING DAYS PRIOR TO DATE REQUESTED FOR DISPLAY TO BE POSTED.

For further information, please call the Center for Student Life at 325-4415.

CHALKING- The Campus Display request form includes guidelines about chalking on campus.

Find these forms and more information, please go to http://studentlife.ou.edu/content/view/231/181.

Announcements: Have an announcement for this weekly E-Newsletter? Email coe_newsletter@ou.edu by Monday at noon.

Notices MUST include date, time, location, name and purpose of event and organization, accommodations statement, and contact information. Student organization announcements must be approved by a staff or faculty advisor.