ANNOUNCEMENTS

Where’s your favorite study cave? Post it on facebook!
Like us On Facebook at University of Oklahoma College of Engineering
Follow us on Twitter @ENGINEERINGatOU  View us on YouTube

Good luck on Finals. Join your study buddies at FREE tutoring!
Final Exams Schedule: Sunday, December 11 – Wednesday, December 14 from 1 - 9 p.m. in REPF and Engineering Library
Go to this link for further information about the tutoring schedule for specific courses.  http://www.ou.edu/coe/wssc/left/about/tutoring.html

**Better World Books**
Bookdrive for OU FAR (Facilitating African Rehabilitation)
Can’t sell back your textbooks?  Too many books clogging your shelves?  Donate *any* books you have, new or used. Add to the efforts to improve the quality of life for war-affected children. Collection bins are located all over campus including Felgar, Carson, Sarkeys and REPF.

**Spring Awards**
COE students get recognized, apply for OU Awards by Feb. 14
See information below

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**RECOGNITION RECEPTION FOR FALL 2011 GRADUATES**
**Friday, December 16th**
**6:30-7:30 pm**
**Beaird Lounge, Oklahoma Memorial Union**

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 your photos. **Complete a reply card** in Williams Student Services Center, FH 112 as your RSVP by December 8.  You may also complete the card and e-mail it as an attached document to coe.wssc@ou.edu.

*[http://www.ou.edu/content/coe/fall2011graduates.html](http://www.ou.edu/content/coe/fall2011graduates.html)*  For accommodations on the basis of disability, please contact Susy Calonkey at (405) 325-1069 or scalonkey@ou.edu.

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**UPCOMING EVENTS**
**LEADER SUMMIT 2012**
SATURDAY - JANUARY 21, 2012
9 a.m. - 4:30 p.m.
Jim Thorpe Multicultural Center

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For new and experienced student leaders.
Registration ends Dec. 16th and is limited to the first 300 registrants
What you’ll find at THE SUMMIT... Think-a-torium experience. “Discovering and Living Your Life’s Purpose.”

Speakers
• Christy Brown - from the Dave Ramsey Group
• Dr. Bill Moore - performance psychology coach
• Josh Woodward - OU alum now with Google

Small group “Habitude” discussions. Personal reflections and conversations regarding identified leadership “habits and attitudes”
The $15 registration includes t-shirt, snacks, lunch and the conference experience.
http://leadandvolunteer.ou.edu/leadersummit.html

For more information - visit OMU 249-253 or call 405-325-4020
leadandvolunteer.ou.edu

AWARDS
Spring Individual Campus Awards APPLICATIONS ARE AVAILABLE!

COE Majors, check them out and APPLY!
ALL APPLICATIONS ARE DUE BY 4:00 p.m. on Tuesday, FEB. 14, 2012
http://leadandvolunteer.ou.edu/awards.html (best viewed via Internet Explorer)

Following are the awards and links to the pdf applications.  RECIPIENTS WILL
BE RECOGNIZED AT THE SPRING CAMPUS AWARDS PROGRAM

FRESHMEN:
President's Award for Outstanding Freshmen

SOPHOMORES:
President's Award for Outstanding Sophomores

JUNIORS:

JUNIOR AWARD INFORMATION
Regents' Award for Outstanding Juniors (12 awarded)
Big Man & Big Woman on Campus (number awarded varies)
Melvin C. Hall Leadership Scholarship (one awarded)
Pe-et Senior Honor Society (Top 10 Senior Honor Society selected during the junior year)

SENIORS:

SENIOR AWARD INFORMATION
Big Man & Big Woman on Campus (if not selected as a junior) (number awarded varies)
Letzeiser Honor List & Medalists (recognizes up to 13 men and 13 women; as well as overall medalists)

ADDITIONAL AWARDS!

President’s Award for Outstanding Transfer Students

$1,000 Mary E. Heckendorn Outstanding Student Mother Award/Scholarship
Awarded to a full-time OU student who is also a mother.

Fern Holland Award - This award is presented via a faculty/staff nomination process
$1,000 cash scholarship

CAREER, INTERNSHIP, RESEARCH OPPORTUNITIES
MICKEY LELAND INTERN PROGRAM
ENERGY FELLOWSHIP 2012

For more information please contact the MLEF Program Office: Email: MLEF@hq.doe.gov

PROGRAM
The Mickey Leland Energy Fellowship (MLEF) is a 10-week paid summer internship with opportunities in the US Department of Energy, Office of Fossil Energy, for women and minority students who are currently enrolled in Science, Technology (IT), Engineering, and Math majors at an accredited college or university.

MLEF MISSION
Provide opportunities for educational advancement and career development through an award winning internship program for women and minority students in Science, Technology (IT), Engineering and Math.

ELIGIBILITY
▪ Applicants must be a US citizen
▪ Undergraduate students completing their sophomore year in Spring 2012 through PhD candidates
▪ Cumulative GPA of 3.0 or above

APPLICATION
Application deadline is December 31, 2011. The start date for the summer internship program is June 4, 2012. For more information about DOE/FE and to complete the MLEF application, please visit our webpage: www.fossil.energy.gov/education/lelandfellowships/index.html

ESPCOR Summer Research for Undergraduates
REU awards provide funding to allow undergraduate students to perform research at one of Oklahoma’s comprehensive research campuses during the summer. Work with faculty mentors in a state REU. Particular emphasis is on the bioenergy field. For details go to www.okepscor.org.

The Marshfield Clinic
Three Human Factors Interns
Application deadline: January 15th, 2012

Background:
HCI 2012 summer internships Internships are for graduate level and exceptional undergraduate level candidates students who have interest in healthcare IT, usability or human computer interaction. We have the ability to create focused programs of work in the areas of cognitive analysis, ecological interface design, research methods in eye tracking and usability methods. The internships are located through the Biomedical Informatics Research Center in Marshfield, Wisconsin which is north of Madison, Wisconsin. The Marshfield Clinic is the largest private research institute in Wisconsin with more than 800 physicians with a commitment to providing healthcare in rural settings. In addition, we develop our own Electronic Health Record and we are the first “home grown” EHR that has been certified by the CCHIT.


General information on the program can be found at: [http://www.marshfieldclinic.org/visitors/pages/default.aspx?page=edu_opp_program_details](http://www.marshfieldclinic.org/visitors/pages/default.aspx?page=edu_opp_program_details)

Application Process (deadline is January 15th):

Note: Housing is provided and students receive $10 per hour, plus housing in a fully furnished apartment near the medical complex.

US Dept. of Homeland Security HS-STEM Summer Internship Program
- 10 week research experience; $5000 stipend plus travel expenses
- Areas of research: Engineering, CS, Math, Physics, Chemistry, Bio/Life Sciences, Env. Science
- Projects offered at: National Research Labs, DHS Research Labs, AF Research Lab, and National Institute of Standards and Technology
- Locations Include: CA, CO, ID, IL, MD, NM, NJ, OH, SC, TN, WA, VA
- US Citizenship REQUIRED
- Application Deadline: January 5, 2012
[www.orau.gov/dhsinternships](http://www.orau.gov/dhsinternships)
ATTENTION ENGINEERING STUDENTS - Missile Defense Agency

The M.D.A. has extended their entry level announcement for 35 entry level engineers on USA Jobs until 14 November 2011. This is a career development program with intense training and rapid advancement for successful candidates. You can search USA Jobs by using the announcement number MDA-EH-12-552977-DE, or follow this link:
http://www.usajobs.gov/GetJob/ViewDetails/301607400

techJOYnT Internship Opportunity

techJOYnT is now filling Spring and Summer 2012 internship positions. These High School and College internships are now being filled on greater grads website. The job of interns is to build cool robots and play with them.
http://www.greatergrads.com/index.php?xsearch%5B0%5D=nowsoft&submit.x=0&submit.y=0&submit=Go&xsearch_id=internship_listing_search1&src=directory&srctype=internship_listing_lister&view=internship_listing&submenu=Find_Internship

Computer Engineering Intern
http://www.evernote.com/shard/s44/sh/ea2442a1-0215-4b82-9c46-831a06cd420b/88698658fa27f100d58f7bff838bb1b8

Mechanical Engineering Intern
http://www.evernote.com/shard/s44/sh/f3525f9f-dcc5-4793-b645-e2a4656a45ee/84915bfb8a23bbda6611720d222c38b7

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/

Schedule a Mock Interview TODAY!!

Email oucs@ou.edu with "Mock Interview" in the subject line to schedule a time.
Available Mon-Thurs 10:30am - 3pm. OMU 3rd floor
The Mock Interview Program is one of the many resources offered by Career
Services to assist students in obtaining interview experience while in school and securing employment after graduation. It's also a tool to assist students who plan to pursue professional school. Practicing your interview skills is an investment in your future.

**Part-time Research Opportunity in Asphalt Materials**

**All engineering and science juniors or seniors**

There is an immediate opening for a part-time research assistant position in the area of asphalt materials. Students from all disciplines are welcome. This person will be responsible for collecting, sampling and testing of asphalt materials under the direct supervision of Ph.D. student(s).

No prior experience is needed. The person will be trained on the job. However, candidates must possess strong work ethics, self-motivation and desire to learn new technology and testing process. Also, the person must be flexible to work in evenings and weekends depending on the project needs and deliverables. This person is expected to be able to work on a flexible schedule on a part-time hourly basis (up to 20 hours/week) during regular semesters. Contact for more information or disability accommodations: Rouzbeh Ghabchi (ghabchi@ou.edu) and Dharamveer Singh (dvsingh@ou.edu)

**NSF Research Opportunities**

**For Undergraduates:**
Paid Summer 2012 Undergrad Research Placements:
More than 650 programs – REU and other summer research opportunities for undergrads at more than 350 institutions nationwide.

**For Financial Support in Graduate School Opportunities:**
Bridge to the Doctorate, IGERT, NSF Grad Research Fellowship and other programs provide generous stipend and tuition support for students through the National Science Foundation.

**For Postdoc opportunities**
For NASA-supported internships, fellowships and scholarships

**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 labs. **Again Sophomores NOW accepted!!** The online application is now open at [https://nreip.asee.org/](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.
Too many to list - Check it out! [http://intern.nasa.gov/](http://intern.nasa.gov/)

- **Student Temporary Employment Program (STEP)**
  [http://jobs.bpa.gov/Just_For_Students/StudentPrograms.cfm](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.

WORKSHOPS

Lean/Six Sigma Fundamentals Certification Workshop

When: May 14 - 18, 2012  [Spring 2012 Workshop is now full]
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/Six Sigma certification is “for life”. One does not have to pay annual fees or pass periodic examinations to hold on to his/her
Engineers design and improve processes/products. Lean and Six Sigma are the best known (benchmark) process improvement tools. Lean promotes "process efficiency" while Six Sigma promotes "process effectiveness." In combination, they allow an organization to make breakthrough improvements in its performance and customer satisfaction. Proficiency in Lean/Six Sigma affords application of these concepts during process design to optimize the functioning of the resulting processes.

Lean/Six Sigma Green Belt Certification Workshop

When: May 29 - 31, 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
Green Belt is a higher level of certification. Only those who have successfully completed the Fundamentals certification are allowed into Green Belt. For further information and a registration form, please contact Dr. B. M. Pulat at bpulat@ou.edu; 405-325-4532.
this award that can cover up to 75% of airfare costs. Questions about funding, contact Theresa Marks (tmarks@ou.edu) or the Education Abroad office via: http://www.ou.edu/content/cis/education_abroad/contact_us.html

IMPORTANT NOTICE: If you plan to attend one of the College of Engineering Summer programs, i.e. France or Italy, we encourage you to apply as quickly as possible. Application materials are available via:

http://www.ou.edu/content/coe/wssc/left/study_abroad.html If you have further questions, contact: Theresa Marks (tmarks@ou.edu).

Application Process for the Engineering Summer France Program, and Engineers in Italy for Summer 2012 open!

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, 1012 at 5:00 p.m.

Note: Students are encouraged to apply early as seats are limited.

New Study Abroad Opportunity!

Engineers - Semester in Italy

When: FA2012 - August 20\textsuperscript{th}-December 14\textsuperscript{th}, 2012

Required Courses~

At least two Engineering courses from this list:

- \textit{Measurement and Automation}: Dr. John Fagan (counts as Tech Elective)
- \textit{Collaborative Capstone}: Dr. Jim Sluss (will be the capstone course number for student’s respective major)
- \textit{Applied Engineering Statistics}: Dr. Hillel Kumin (I E 3293) (counts as Tech Elective)
- \textit{Disruptive & Innovative Technology Ideation}, (with a section for non-majors): Dr. Jim Sluss (counts as Professional or major elective)

-\textbf{AND}-
- IAS 3000 (1 credit) --\textit{Getting to Know Arezzo}

-\textbf{AND}-
- ITAL 1115 -- \textit{Beginning Italian}

Additional optional courses to choose from:
• MLLL 3303- *World of Dante* (Gen-Ed Western Civ)- Jason Houston
• IAS 3003- *Italy at the Crossroads: Immigrant Experiences in Italy*- Monica Sharp
• *Renaissance Art, Literature and Thought* - co-taught by Kirk Duclaux and Jason Houston

Application Deadline: Friday, March 30, 2012
For more information, contact:
Theresa Marks - Director of Advising & Study Abroad Liaison
Williams Student Services Center, OU College of Engineering
112 Felgar Hall
tmarks@ou.edu/ (405) 325-4096
http://www.ou.edu/content/coe/wssc/left/study_abroad.html

**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

**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](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
***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.

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

**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

**Diversity Programs News!**

Good Luck on Finals

**FREE TUTORING FOR ENGINEERS!**

Final Exams Schedule: Sunday, December 11 – Wednesday, December 14 from 1 - 9 p.m. in Engineering Library

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**
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:

• The flyer must be about COE related events and functions – all other advertisements will be promptly removed.
• 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).
• The flyers may NOT be posted on painted, finished, or brick surfaces. The adhesive in the tape causes damage to these surfaces.
• 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!!
• 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).
• 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).
• 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.
• 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.