

**\*TWA Flight 800 Accident Investigation**

**\*WIA Rolls-Royce Trip**

**\*Boeing Information Session**

**\*Northrop Grumman Information Session**

**\*Undergraduate Research Opportunity Program (UROP)**

**\*Engineering Career Services**

**\*Student Engineering Leadership Program (SELP)**

**\*Research Experience for Undergraduates (REU) in Nanotechnology**

**\*AIAA Region III Student Conference**

**\*2011 Undergraduate Research Symposium**

**\*Illinois Cyber Security Scholars Program (ICSSP)**

**\*AE Tutoring Sessions**

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**\*TWA Flight 800 Accident Investigation**

**Tuesday, Feb. 8, 6:00 pm, 269 Everitt Lab.**

A lead engineer, Mr. Michael J. Koob, Wiss, Janney and Elstner Associates, Inc., will be speaking about the reconstruction of the TWA Flight 800 accident investigation. The objective was to reassemble the recovered pieces of the plane's fuselage, as well as the main fuel cell, keel beam, cargo areas, and pressure deck, in a manner that permitted viewing of the reassembled surfaces and installation of the passenger seating in the reconstruction. In addition, it was essential that the reassembled aircraft structure could be rolled out of the hangar after completion.

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**\*WIA Rolls-Royce Trip**

**Deadline to sign up: Tuesday, Feb. 8**

**Trip: Thursday, Feb 17**

WIA will be visiting the Rolls-Royce's Indianapolis facility. We will be leaving in the morning and returning to campus in the late afternoon. There are no restrictions on citizenship status. Travel expenses are covered. Please sign up [here](#) if interested! Email [wiasecretary@gmail.com](mailto:wiasecretary@gmail.com) if you have questions.

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**\*Boeing Information Session**

**Wednesday, Feb. 9, 6:00-7:00 pm in Room 314 Altgeld Hall**

WIA and SHPE are hosting Boeing's spring info session. Representatives, engineers, and summer interns will be there to talk about their experiences, answer questions, and accept resumes. *Please bring your resume.* Pizza will be served! [Event flyer here.](#)

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**\*Northrop Grumman Information Session**

**Wednesday, Feb. 9, 5:30 pm, Room 103 Talbot Lab.**

AIAA is hosting a Northrop Grumman info session (the day before the engineering expo). Antonios pizza will be served. The presenters will be from the West Coast Redondo Beach area and the

Chicago Rolling Meadows locations. They will be presenting info on their own respective areas that relate specifically to careers for AEs and MEs.

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### **\*Undergraduate Research Opportunity Program (UROP)**

**Application Deadline: Feb. 11, 2011**

NASA's Illinois Space Grant Consortium (ISGC) announces that its 9th Undergraduate Research Opportunity Program (UROP) will take place this summer. UROP is a program designed to cultivate and support research partnerships between University of Illinois College of Engineering undergraduates and faculty members. All projects focus on NASA-related science and engineering research. We would like to invite highly-motivated sophomores, juniors and seniors as well as May 2011 graduates with a **GPA of 3.0 or higher to apply** to participate in UROP. For more information and to apply, go to [www.ae.illinois.edu/ISGC/urop](http://www.ae.illinois.edu/ISGC/urop). If you have questions, contact Diane Jeffers, [dejeffer@illinois.edu](mailto:dejeffer@illinois.edu).

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### **\*Engineering Career Services**

Click [here](#) to view further ECS Events & Workshops

### **Green Career Fair**

**Wednesday, February 9<sup>th</sup>, 10:00 AM - 3:30 PM Illini Union Illini Rooms A,B,C**

Open to all U of I students from all majors who are looking for full-time jobs or internships. Meet with representatives from the private, government, and non-profit sectors who are committed to green practices, sustainable efforts, and environmental education.

### **Engineering Employment EXPO**

**Thursday, February 10<sup>th</sup>, 9:00 AM - 4:00 PM, Illini Union Rooms A,B,C**

Expo is for students seeking full-time positions as well as co-ops or internships, in the field of engineering. Companies may schedule interviews during the fair, the evening of the fair, or the following day. More information can be found at: <http://expo.ec.uiuc.edu>. **Must have I-card to enter.**

### **Expo Corporate Social Event**

**Thursday, Feb. 10, 7:00 pm-10:00 pm, Houlihans at the I Hotel**

Join other students and recruiters for a networking social event. There will be complimentary appetizers and refreshments! This is a great opportunity to mingle with company representatives in a fun, casual environment!

For additional information please visit <http://expo.ec.uiuc.edu/>

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### **\*Student Engineering Leadership Program (SELP)**

**Apply as soon as possible since space is limited**

**Program: Thursday Feb. 17<sup>th</sup>, 5:00 pm - Saturday, Feb. 19**

Student Engineering Leadership Program is an Engineering Council three day event focused on building valuable leadership and communication skills. Professor Ray Price aids us in conducting this leadership training program each spring semester. Approximately forty students will participate in this intensive and interactive conference. SELP is offered at no charge to all students currently enrolled in an engineering curriculum at the University. Additional conference benefits include a t-shirt, conference materials and meals. We encourage you to further develop your leadership and communication skills by applying for this program. Applications can be found on the leadership website at <http://elc.ec.uiuc.edu/>.

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### **\*Research Experience for Undergraduates (REU) in Nanotechnology**

**Application deadline: February 15, 2011**

Explore the new field of nanotechnology at Northwestern University (NU) - it's the best summer job you'll ever have!

As a participant in the 9-week NU-REU Program, you'll:

- Work full-time on a nanotechnology research project
- Have access to world-class equipment and facilities
- Enjoy research seminars and field trips
- Enhance your public speaking and technical writing skills
- Submit your paper for possible publication and be part of the peer-review process
- Participate in team events like the summer picnic, and explore Chicago

REU participants come from small and large schools, across the country. They receive a stipend of \$4,500 plus round-trip airfare and dormitory housing.

To be eligible for this program, you must be:

- a U.S. citizen or permanent resident,
- majoring in engineering or the sciences, and
- have at least one year left to complete your undergraduate degree

For more information or to download an application visit:

<http://www.nsec.northwestern.edu/REU.htm>

or contact Margaret Connolly at (847) 467-4862 or email [m-connolly@northwestern.edu](mailto:m-connolly@northwestern.edu).

This program is sponsored by the NSF and the NIH-NCI.

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### **\*AIAA Region III Student Conference**

**Abstracts Due: Wednesday, Feb. 23**

**Papers Due: Wednesday, March 9**

**Registration Deadline: Friday, March 25**

**Conference: Saturday and Sunday, April 2 and April 3**

The American Institute of Aeronautics and Astronautics (AIAA) sponsored student conference in each AIAA Region as a means to encourage students in aerospace related fields to discuss research, exchange knowledge, and generate interest in the field of aerospace engineering. The 2011 Conference will be held at the University of Dayton in Dayton, Ohio. For further information on the conference, please go to <http://region3.aiaastudentconference.org>.

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### **\*2011 Undergraduate Research Symposium**

**Proposal submission deadline: Sunday, Feb. 27, 2011, 11:59 p.m.**

**Symposium: Tuesday, April 12, 2011**

The fourth annual campus-wide Undergraduate Research Symposium gives undergraduates the opportunity to present the fruits of their research, scholarly, and other creative endeavors—especially those undertaken with mentorship from faculty.

Over 200 students were on last year's symposium program: 111 delivered oral presentations on panels with peers who share their academic interests, and 96 presented posters that summarized research findings. Over 140 faculty members, postdoctoral fellows, and doctoral students served as mentors to the undergraduates on last year's symposium program; 20 mentored more than one student on the program. We are hoping that even more students and mentors will participate in the 2011 symposium.

URL: <http://provost.illinois.edu/ugresearch/>

Peter Leslie Mortensen - [pmortens@illinois.edu](mailto:pmortens@illinois.edu), Provost & VC Academic Affairs

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**\*Illinois Cyber Security Scholars Program (ICSSP)**

**Application Deadline: March 1, 2010**

Applications for ICSSP scholarships are now being accepted. The scholarships support the last 2 years of undergraduate study in the fields of information assurance and security at the University of Illinois at Urbana-Champaign.

ICSSP is a program of the Information Trust Institute (ITI), overseen by ITI's NSA Center for Information Assurance Education and Research.

For scholarships covering periods of study that begin in Fall 2011, applications are due by March 1, 2011. Visit the home page for more information and a link to the application form:

[www.iti.illinois.edu/icssp](http://www.iti.illinois.edu/icssp)

**REQUIREMENTS:**

To be eligible for consideration for an ICSSP scholarship, you must be

- A United States citizen, and
- A full-time student within two years of graduation in a coherent formal program at Illinois that is focused on computer security or information assurance.

Transfer students are eligible to apply upon admission to the UI College of Engineering; students transferring from 2-year colleges are encouraged to apply.

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**\*AE Tutoring Sessions**

**Monday-Thursday from 5:30-8:30 pm, Room 319M Talbot Lab**

The tutoring sessions will begin on Monday, August 30, 2010. The tutors will help with all technical courses. All students are welcome to use the tutoring sessions or if you just need a quiet room to study. If you have further questions or concerns, please email Barb Kirts at [bkirts@illinos.edu](mailto:bkirts@illinos.edu)

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AE homepage: <http://www.ae.uiuc.edu/>.

Undergrad program: <http://www.ae.uiuc.edu/academics/undergrad/>

Visit the *Engineering Update* web site <http://www.engr.uiuc.edu/communications/eupdate/> for College of Engineering news.