

- \*ISS General Meeting and Technical Talk
- \*Multiple Registration Attempts on Closed Sections
- \*NASA Undergraduate Student Research Program (USRP) – Spring Internships
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- \*Engineering Student Leadership Conference
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- \*Woodrow Wilson Teaching Fellowship
- \*Bell Helicopter - Bootcamp, Internships and Full Time Positions
- \*Engineering Career Services Events (Negotiating Your Price Tag, Job Shadow Program – Informational Sessions)
- \*Test Anxiety Diagnosis and Treatment
- \*AE Tutoring Sessions

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**\*ISS General Meeting and Technical Talk**  
**Tuesday, October 26, 7:00 pm, 103 Talbot Lab**

Professor Conway will be speaking about "Automating the Space Mission Design Process". The SpaceVision 2010 Conference schedule will be reviewed. Anyone interested in volunteering please plan to stay after for a brief meeting. Free pizza and pop will be available, as always.

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**\*Multiple Registration Attempts on Closed Sections**

Please use the Look-up classes screen in Student Self-Service to see if sections are open rather than typing in the CRNs and submitting. Students are limited to 2500 attempts for Registration Activity per term before your account is locked. Once it is locked, it cannot be reset until the next term's registration period.

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**\*NASA Undergraduate Student Research Program (USRP) – Spring Internships**  
**Spring 2011 Deadline – October 31, 2010**

The NASA Undergraduate Student Research Program (USRP) is accepting applications for the Spring 2011 internship session. USRP Spring 2011 is going to be the biggest Spring class yet with 167 open opportunities at 12 NASA Centers and Support Facilities around the United States. The competition for a Spring opportunity is also at an all-time low; based on current submitted application numbers there is a 64% chance that USRP Spring applicants will receive an offer for a NASA internship. NASA Mentors are already reviewing applications and making selections, so don't delay, turn in your application early.

USRP provides hands-on mentored internship opportunities for undergraduate sophomores, juniors and seniors majoring in a life/physical science, engineering, mathematics or computer science related field.

The NASA USRP spring session consists of 15 consecutive weeks at 40 hours per week starting on February 1, 2011. To complete your application log in at <https://usrp.usra.edu/students/>

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**\*NASA/Kennedy Space Center STS-133 LaunchCast**

Damon Talley, host of NASA's Digital Learning Network, along with co-host Rachel Power, will be live for the launch of STS-133. The Shuttle Mission of Discovery will carry Robonaut 2, the Permanent Multipurpose Module, and the Express Logistics Carrier 4 to the International Space

Station. STS-133 will be the 35th shuttle mission to the station. To learn more about the mission and crew tune in at 3:10 PM EDT on launch day (November 1, 2010) to <http://dln.nasa.gov/dlnapp/webcast/webcast.do>. Please feel free to submit questions, both leading up to and during the LaunchCast, at [nasalearn@gmail.com](mailto:nasalearn@gmail.com).

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### **\*Engineering Student Leadership Conference**

**Saturday, November 6, 2010**

Engineering Student Leadership Conference (ESLC) is an Engineering Council program sponsored by Northrop Grumman. November 6th. ESLC allows engineering students to interact with company representatives through a series of team challenges and talks to learn how leadership & communication skills are applied in their industry. Northrop Grumman has a very strong internal development program for leaders within their company. This event is a great opportunity to gain insight on what companies are looking for in young engineers, challenge your leadership style, and meet new students & engineers in the field. ESLC is free for all engineering students, breakfast and lunch will be provided.

Space is limited so sign up now at the following link:

<http://elc.ec.uiuc.edu/?id=events&sub=ESLC>

For further information, contact Daniel Tanner at [tanner3@illinois.edu](mailto:tanner3@illinois.edu).

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### **\*Barry M. Goldwater Scholarship**

**Deadline: Tuesday, November 30, 2010**

The Barry M. Goldwater National Scholarship offers 300 annual awards to students (Illinois GPA 3.7 and above) who demonstrate strong evidence of contributing to the technological advances of the United States. The awards cover eligible expenses for tuition, fees, books, and room/board, up to a maximum of \$7,500 annually. Current junior or exceptional sophomore students who are U.S. citizens, U.S. nationals or resident aliens may apply.

Applicants should be committed to a Ph.D. in the research fields of mathematics, sciences, or engineering. Candidates who intend to study medicine are eligible if they plan a career in research rather than a career in private medical practice.

The National and International Scholarships Program will be outlining criteria and the process for students considering competing for the Barry M. Goldwater Scholarship at the following sessions:

Endorsement by the designated Illinois faculty committee will be required.

Further information and a link to the online application may be found at:

<http://www.topscholars.illinois.edu/prestigious/goldwater.html>

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### **\*Woodrow Wilson Teaching Fellowship**

**Nomination Deadline: Wednesday, December 1, 2010**

**Application Deadline: Wednesday, January 12, 2011**

Woodrow Wilson's Teaching Fellowship offers rigorous teaching preparation, extensive clinical experience, and ongoing mentoring, as well as a \$30,000 stipend. These new Woodrow Wilson Fellows will be STEM scholars and experts—outstanding college juniors and seniors majoring in these fields, recent college graduates, and second-career professionals—interested in teaching in high-need urban and rural middle and secondary schools.

Accepted Fellows will begin their studies in summer 2011 in a master's degree program at one of fourteen participating universities in Indiana, Michigan and Ohio. In exchange, Fellows will commit to teach math or science in a high-need urban or rural middle or secondary school for three years upon completing the master's degree and appropriate state teaching certification.

For additional information regarding the Woodrow Wilson Teaching Fellowship, please visit: [www.woodrow.org/teach](http://www.woodrow.org/teach).

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### **\*Bell Helicopter - Bootcamp, Internships and Full Time Positions**

**January 2-7, 2011 (ID 32891) and January 9-14, 2011 (ID 32892)**

Planning is underway for two Engineering Boot Camps to be held the first 2 weeks of January, 2011. The boot camps target college juniors who are pursuing an engineering degree, are interested in learning about a career in rotorcraft engineering, and are available for a 2011 summer internship. These are week-long experiences that include a "real-life" project, collaboration with subject matter experts and technical fellows, tours of our facilities, social time with the other campers, a briefing to executive management, and more.

Requisitions are now open. Interested students should apply on-line at [www.bellhelicopter.textron.com](http://www.bellhelicopter.textron.com), by clicking on the Careers tab, then Undergrads and recent graduates, and follow the search process for openings at Bell Helicopter in Engineering R&D located in the United States.

There are also openings for internships at Bell Helicopter (ID 32897)

[https://textron.recruitmax.com/MAIN/careerportal/Job\\_Profile.cfm?szOrderID=32897&szReturnToSearch=1&szWordsToHighlight=](https://textron.recruitmax.com/MAIN/careerportal/Job_Profile.cfm?szOrderID=32897&szReturnToSearch=1&szWordsToHighlight=)

and full time positions for new grads (ID 32898).

[https://textron.recruitmax.com/MAIN/careerportal/Job\\_Profile.cfm?szOrderID=32898&szReturnToSearch=1&szWordsToHighlight=](https://textron.recruitmax.com/MAIN/careerportal/Job_Profile.cfm?szOrderID=32898&szReturnToSearch=1&szWordsToHighlight=)

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

#### **Negotiating Your Price Tag: Offers & Negotiations**

**Wednesday, October 27 5:00 – 6:00 pm, 106B1 Engr. Hall**

Interactive workshop to help students understand how to evaluate offers and whether they should negotiate.

#### **Job Shadow Program – Informational Sessions**

Tuesday, October 26 - 5 pm - 3405 Siebel

Wednesday, October 27 - 2 pm - 106B8 Engr Hall

Thursday, October 28 - 5 pm - 269 Everitt Lab

Friday, October 29 - 3 pm - 153 Mech Engr Bldg

Engineering Career Services (ECS) offers a Job Shadow Program annually during Winter Break! The Job Shadow Program is an opportunity for freshmen, sophomores, and juniors to learn what it means to be an engineer. Students who participate in the program will spend time at a company for one or more days over Winter Break (mid-December through early January) at a time mutually agreed upon with the company.

If interested, you **MUST attend ONE** of the Information Sessions for the 2010-2011 Job Shadow Program:

**Checklist** to be in the Job Shadow Program:

- 1 - Attend one of the information sessions
- 2 - Register in Symplicity through ECS

- 3 - Sign the Job Shadow Student Agreement form
- 4 - Submit your resume to the Job Shadow Employers

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### **\*Test Anxiety Diagnosis and Treatment**

Dr. Paul Joffe, clinical counselor, will be meeting with students who have test anxiety each Monday from 1-2:00 pm in 206 EH. This is generally handled within a two appointment cycle—one for diagnosis and one for treatment. Dr. Joffe has a 70-80% success rate on helping students improve. Call the Academic Programs Office at 333-2280 or email [Buchner@illinois.edu](mailto:Buchner@illinois.edu) to schedule an appointment. If this time not convenient, can call 333-3704 to schedule with Dr. Joffe for another time at the Counseling Center.

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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.