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ISS General Meeting & Talk by Prof. Leslie Looney*Wednesday, October 14, 6:30 pm, Room 103 Talbot Lab**

ISS will be holding their October General Meeting. This month we have highly recommended Professor Leslie Looney from the Astronomy Department speaking about star formation and young protostars. Also, come out to see what ISS is up to and what we have planned for the rest of the semester. Pizza will be provided.

If you have further questions, please contact Craig McGrath at cmcgrat2@illinois.edu

US Space and Rocket Center Info Session*Thursday, October 15, 6:00 pm, 103 Talbot Lab**

ISS, AIAA, and WIA will be hosting an info session for the US Space and Rocket Center. If you don't already have an internship lined up for next summer this may be a great opportunity for you. Free pizza will be provided.

The US Space and Rocket Center is home to Space Camp and Aviation Challenge as well as one of the largest human space flight museums in the world. Every January and May they bring in around 50-75 new counselors to work with camp participants as well as museum programs. The attendees range in age from 7- adult. Programs focus on math, science and technology using space travel and aviation as the backdrop for learning. Counselors need to be at least 20 years of age and completed 30 college credit hours before being accepted. They offer internship credit if the school approves that the position meets the required criteria. Counselors gain many skills that may not be available in a traditional job including the chance to be a leader, educator and mentor; practice professional communication and presentation skills, work with different cultures as camp attendees and staff come from all over the world, and working with children involves a great deal of patience and problem solving skills! Additionally, unique opportunities are available to network with professionals in your field that attend our programs which has led to many different career doors opening for staff members.

Course Drop Link and Deadline*Monday, October 19, 2009**

The link to drop a course on or before the above deadline is https://engineering.uiuc.edu/request_course_change/. If this is a required AE class, you will need to bring the form into 329 Talbot Lab for a signature.

Illini Space Jet (ISJ) - Restructuring of the Club, Competition, Officers*Thursday, October 22, 5:00 pm, 103 Talbot lab**

Professor Burton will be giving a presentation on the RASC-AL competition (see below). Here are the issues that will be discussed:

1) In addition to pursuing the club's original goal of flying the airplane/rocket configuration, we are planning to participate in the 2010 Revolutionary Aerospace Systems Concepts Academic Linkage (RASC-AL). All the information can be found here: <http://www.nianet.org/rascal>. We would compete in the subcategory "Dramatically improved Earth-to-orbit and in-space transportation systems that can significantly reduce cost and improve safety" under the theme "Lunar Outpost to Settlement".

2) The club needs new officers immediately as the current president and treasurer are stepping down. If you are interested, please contact Wilbur Chang or Prof. Burton, rburton@illinois.edu.

Email any questions or comments to Wilbur at wchang9@illinois.edu.

***WIA – Hardy’s Reindeer Ranch**

Friday, October 23, 6:30 pm

Women In Aerospace will be going to Hardy’s Reindeer Ranch near Rantoul, Ill. to have some fun! There will be a corn maze, hay rides and campfire with dinner (hotdogs, chips, soda, and smores). The cost is \$10 for members and \$7 for members without the dinner.

Please reply ASAP to wiasecretary@gmail.com so transportation can be arranged.

Come Join the Fun!

***NASA Undergraduate Student Research Project Spring and Summer 2010 Sessions**

Deadline for Spring 2010: Friday, October 23, 2009

Deadline for Summer 2010: Friday, January 22, 2010

NASA’s Undergraduate Student Research Project is currently accepting applications for 15-week spring internships and 10-week summer 2009 internships. These internships offer students the opportunity to work alongside NASA scientists and engineers at NASA's field centers, laboratories and test facilities.

Applicants must be sophomores, juniors or seniors with a 3.0 GPA. They must have an academic major or course work concentration in engineering, math, computer science, or physical or life sciences. Participants work on practical problems that will be applied in aerospace or on future NASA missions. Applicants must be U.S. citizens.

For more information and to apply online, visit <http://usrp.usra.edu>.

***National Space Biomedical Research Institute Summer Internship Program**

Deadline for application of 2010 program: Sunday, January 31, 2010

The NSBRI’s summer program is for graduate or medical students and undergraduate students who have completed their second year of undergraduate studies. Applicants are asked to send a curriculum vitae or resume, a letter of interest indicating available dates during the summer, and two letters of recommendation. The program is open to U.S. citizens.

For more information, visit <http://www.nsbri.org/Education/SummerInternship.html>. Questions about this opportunity should be directed to info@www.nsbri.org.

***AE Tutoring Sessions**

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

The tutoring sessions will begin on Monday, August 31, 2009. 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@illinois.edu

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

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

Opportunities: <http://www.ae.uiuc.edu/opportunities/>

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