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Air Force Research Laboratory (AFRL) Space Scholars Program*Application deadline for Summer 2010: January 15, 2010**

The *Space Scholars Program* invites undergraduate, masters, and doctoral students in the areas of science and engineering to participate in a unique summer research internship. These opportunities exist in the Air Force Research Laboratory's (AFRL) Space Vehicles Directorate, which has facilities at Kirtland Air Force Base in Albuquerque, New Mexico; Hanscom Air Force Base in Bedford, Massachusetts; and the National Solar Observatory, Sunspot, New Mexico. For further information and to apply, go to <http://www.vs.afrl.af.mil/SpaceScholars/>

Air Force Research Laboratory (AFRL) Directed Energy Scholars Program*Application deadline for Summer 2010: February 15, 2010**

The *Directed Energy Scholars Program* invites undergraduate, masters, and doctorate students in the areas of science and engineering to participate in a unique summer program that may lead to graduate fellowships and full-time employment. These opportunities exist in the Air Force Research Laboratory's (AFRL) Directed Energy Directorate, which has facilities at Kirtland Air Force Base in Albuquerque, New Mexico, and the Air Force Maui Optical and Supercomputing Site, Maui, Hawaii. For further information and to apply, go to <http://www.de.afrl.af.mil/Scholars/>

The Naval Research Enterprise Intern Program (NREIP)*Deadline: January 8, 2010**

The Naval Research Enterprise Intern Program (NREIP) sponsored by the Office of Naval Research is a ten week summer research opportunity for undergraduate Juniors & Seniors, and Graduate students, under the guidance of a mentor, at a participating Navy Laboratory (list of participating universities is available at <http://www.asee.org/nreip>). The stipend amounts for the program are \$7,500 for undergraduate students and \$10,000 for graduate students. U.S. citizenship required; Permanent residents accepted at certain labs.

To learn more about the program, you can visit <http://www.asee.org/nreip>. Direct any questions to nreip@asee.org.

NASA Internship/Academy Opportunities – 2010*Application deadlines vary from Jan 18 to Feb. 15, 2010**

NASA Centers have begun accepting applications for their summer internship and academy programs:

- NASA Undergraduate Student Research Program (USRP)
- NASA Marshall Space Grant Research Internships

- NASA Academies at Ames, Glenn, Marshall and Goddard
- NASA JPL Internships
- NASA JSC Space Grant Internships

Go to the Illinois Space Grant Consortium web page (<http://www.ae.uiuc.edu/ISGC/researchprog.html#nasa>) for program and application details. Check the web site frequently, as other opportunities will be added as the information becomes available. Contact Diane Jeffers, dejeffer@illinois.edu if you have any questions.

***Helicopter Experience 2010 – Deadline extended**

Application deadline for non-CT students: January 15, 2010

Central Connecticut State University - August 1 – 6, 2010

You will learn how helicopters operate and will have the opportunity to take a one hour ride in a real helicopter up to 3000 ft and 140 mph! Plus, build, test, and fly your own model helicopter that you can take home!

- Must be a US citizen > 18 yrs. of age
- Must have completed freshman year in college
- Must be interested in aerospace
- Registration fee: \$250 (Includes: room, board, tuition, on-site transportation)
- Further information and application: www.cthelixp.com
- Contact Diane Jeffers regarding financial assistance: dejeffer@illinois.edu

***AIAA Scholarships**

Deadline (including transcripts, recommendations, essays, etc): January 31, 2010

AIAA awards 30 scholarships annually to undergraduate students in science or engineering programs related to AIAA's aerospace mission.

Website outlining the [scholarship program](#), as well as an [Eligibility Requirements](#) document.

Important to know:

The applicant must be an active AIAA Student Member in good standing. Students can log in [here](#) to check their membership status.

Applicant must have a college grade point average of not less than the equivalent of a **3.300** on a 4.000 scale.

The online application process is being redesigned. It will be available [here](#) by the end of November.

***Penn State Univ. Undergrad Summer Intern Program**

Application deadline: Until positions are filled, but no later than February 28, 2010

Summer research positions are available at Penn State's Applied Research Laboratory for students with a strong interest in fluid mechanics or hydroacoustics. Applicants should apply during their sophomore or junior year. U.S. citizenship required. Students with mechanical engineering or aerospace engineering majors are preferred. The program will run from **June 1, 2010 through August 7, 2010**. For further information and application, you can visit <http://www.arl.psu.edu/education.php> .

***ATA Co-op and Internship Programs**

No firm application deadline, but generally filled six months in advance of start date.

ATA Engineering, Inc. (ATA) is looking for students for its Fall 2010 co-op and internship programs. ATA provides innovative solutions through test- and analysis-driven design by

focusing on the engineering needs of manufacturers in addressing their cost, quality, and time-to-market challenges for mechanical and aerospace systems. The company has sites in San Diego and El Segundo, California; Herndon, Virginia; and Golden, Colorado.

If you are interested in learning more about ATA and its co-op program, go to:

<http://www.ata-e.com/index.html> (ATA)

<http://www.ata-e.com/jobs/coops.htm> (co-op program)

***Text Anxiety Diagnosis and Treatment**

Mondays from 1:00-2:00 pm, 206 Engineering Hall

Dr. Paul Joffe, clinical counselor, will be meeting with students who have text anxiety. 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 to schedule an appointment on Monday from 1-2:00 pm in 206 Engineering Hall. If you have a class from 1-2 on Monday, you can call 333-3704 to schedule with Dr. Joffe for another time at the Counseling Center.

***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.