



## Publications

### ASEE Action Newsletter

#### October 2009

- ›ASEE PUBLISHES FOURTH EDITION OF ENGINEERING, GO FOR IT!
- ›ABSTRACT SUBMISSION FOR 2010 ANNUAL CONFERENCE OPENS
- ›8th GLOBAL COLLOQUIUM
- ›CEED IS NEW CED
- ›2010 CIEC SET FOR PALM SPRINGS
- ›FELLOWSHIP OPPORTUNITIES
- ›LEADERSHIP KNOWLEDGE SURVEY
- ›NAE/NRC WEBCAST SYMPOSIUM ON K-12

#### ASEE PUBLISHES FOURTH EDITION OF ENGINEERING, GO FOR IT!

The new edition of eGFI, ASEE's popular k-12 magazine, was launched September 14, 2009 both in print and online with a K-12 website for students and their parents, along with a website, blog, and an electronic newsletter for math and science teachers. EGFI is colorful and eye-catching and packed with engaging information on various engineering disciplines. The online eGFI - interactive and video-rich - is designed to attract today's web savvy students. Visit: <http://www.egfi-k12.org/> and recommend it to associates, constituents and students.

[TOP^](#)

#### ABSTRACT SUBMISSION FOR 2010 ANNUAL CONFERENCE OPENS

The abstract submission phase for the 2010 Annual Conference and Exposition in Louisville, KY, June 20-23, 2010 is now open. Call for papers can be viewed at: <http://www.asee.org/conferences/annual/2010/Call-for-Papers.cfm>. Deadline for abstract submission is October 9, 2009. As all abstracts must be submitted through SmoothPaper ( [www.asee.org/smoothpaper](http://www.asee.org/smoothpaper) ), it is recommended that you refer to the Authors Kit located at: <http://www.asee.org/conferences/annual/2010/upload/2010-ASEE-Authors-Kit.doc>. The kit guides you through the submission process as well as informs of deadline dates. For questions regarding session requests, social and business events, distinguished lecturers or Sunday workshops, please contact Kat Dorman, tel: 202-331-3523 or Email: [k.dorman@asee.org](mailto:k.dorman@asee.org). For questions regarding SmoothPaper, see the FAQ sheet at: <http://www.asee.org/conferences/annual/2010/SmoothPaper-FAQs.cfm>. For additional questions, contact Wayne Davis, at Tel: 202-331-3530 or by Email: [w.davis@asee.org](mailto:w.davis@asee.org).

[TOP^](#)

#### 8th GLOBAL COLLOQUIUM

The 8th Annual ASEE Global Colloquium on Engineering Education, October 12-15, 2009, will be held in Budapest, Hungary with related activities that include the global student forum, a one-day Global Engineering Deans Council, a leadership workshop, and a meeting of the ASEE-hosted International Federation of Engineering Education Societies (IFEES). This colloquium is held annually in overseas locations that have ranged from Beijing to Sydney, with last year's meeting held in Cape Town. Engineering educators, corporate colleagues, and engineering students worldwide gather to exchange ideas and viewpoints and hear from distinguished speakers. Details of the meeting can be seen at: <http://www.asee.org/conferences/international/2009/>.

[TOP^](#)

#### CEED IS NEW CED

The Cooperative and Experiential Education Division of ASEE is the new name for CED (The Cooperative Education Division) that took effect earlier this year. The new name expands the mission of the organization to include the various forms of engineering experiential education (e.g. internships) that have grown and expanded at universities nationally and internationally. To learn more about CEED, contact the Membership Chair Maureen Barcic, at [paub2m@pitt.edu](mailto:paub2m@pitt.edu).

[TOP^](#)

#### 2010 CIEC SET FOR PALM SPRINGS

The Conference for Industry and Education Collaboration (CIEC) will be held in Palm Springs California, February 3-5, 2010. Organized and sponsored by four divisions of ASEE, CIEC serves as an annual mid-winter meeting for the Cooperative and Experiential Education Division (CEED), the College Industry Partnership Division (CIPD), the Continuing Professional Development Division (CPD), and the Engineering Technology Division (ETD). This year's conference theme is "Preparing the Workforce for the Global Marketplace." See: <http://www.asee.org/conferences/ciec/2010/>

[TOP^](#)

#### FELLOWSHIP OPPORTUNITIES

Applications are now open for the Federal programs that ASEE administers. The programs that offer fellowship

### NASA Aeronautics Scholarship Program

The purpose of this NASA program is to help advance the nation's aeronautics enterprise by investing in the educational development of the future aeronautics workforce and to provide opportunities to attract highly motivated undergraduate and graduate students to aeronautics and related fields. Scholarships awarded include competitive stipend payments anticipated amount for undergrad up to \$15,000 and up to \$35,000 for graduate. There is an option to attend a summer internship (up to \$10,000 per summer) at a participating NASA Research Center. The undergraduate program is open to U.S. citizens, and applicants should have completed their sophomore year of college by fall of 2009, and should be in good standing at an accredited college or university. The graduate program is open to U.S. citizens, the applicants should be accepted or enrolled in an accredited program, and remain in good academic standing at their respected college or university. Application is expected to open in September and close December. For more information, contact [nasa.asp@asee.org](mailto:nasa.asp@asee.org)

### The Naval Research Laboratory (NRL) Postdoctoral Fellowship Program

This program is open to US citizens and legal permanent residents and offers a competitive stipend as well as insurance, relocation, and travel allowances. This program offers one to three year postdoctoral fellowships designed to increase the involvement of scientists and engineers from academia and industry to scientific and technical areas of interest and relevance to the Navy. This program has a rolling admission. Go to: <http://www.asee.org/nrl>.

### The Air Force Summer Faculty Fellowship Program (SFFP)

This program is intended for US citizens or permanent residents who have an earned doctorate in science or engineering and who hold full-time science or engineering faculty positions at US colleges, community colleges and universities. The duration of this summer fellowship is from 8 to 12 continuous weeks and research is performed on-site at Air Force laboratories. There is a competitive weekly stipend, and relocation and daily expense allowances are available for those who qualify. The application cycle is from August to November. To apply online, go to: <http://www.asee.org/sffp>.

### The National Defense Science and Engineering Graduate Fellowship Program (NDSEG)

The fellowship program is sponsored by the Army Research Office, Office of Naval Research, Air Force Office of Scientific Research and the DoD High Performance Computing Modernization Program. This program is intended for U.S. citizens at or near the beginning of their doctoral studies in science or engineering programs. The fellowships are for three year tenures and include full tuition and fees, a competitive stipend, and a health insurance allowance. The application cycle is from September to January. Go to: <http://www.asee.org/ndseg> for applications and detailed program information.

### The National Science Foundation Graduate Research Fellowship Program (GRFP)

For U.S. citizens, nationals, or permanent resident aliens at or near the beginning of their graduate studies, this program offers a stipend of \$30,000 a year for three years, a \$10,500 cost of education allowance to the university, and a one-time \$1,000 travel allowance. There are 900-1,600 anticipated awards in FY09 pending availability of funds. The application cycle is from August to early November. For additional program information, go to: <http://www.nsfgrfp.org>.

### Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program

The purpose is to promote the education, recruitment and retention of outstanding undergraduate and graduate students in science, mathematics, and engineering studies; the DoD is also interested in supporting the education of future scientists and engineers in a number of interdisciplinary areas. Scholarships and fellowships awarded include salary or stipend, full tuition, required fees, federal employee benefits, and up to \$1000 book allowance per year. The SMART Program will allow individuals to acquire an education in exchange for a period of employment with the Department of Defense. The program is intended for citizens of the United States; students must be at least 18 years of age to be eligible for an award. Application cycle is August to December. For information and to apply online, go to <http://www.asee.org/smart>.

### The East Asia and Pacific Summer Institutes (EAPSI)

These programs are designed to provide U.S. graduate students in science and engineering: 1) first-hand research experience in Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan; 2) an introduction to the science and science policy infrastructure of the respective location; and 3) orientation to the society, culture and language. The goals of EAPSI are to introduce students to East Asia and Pacific science and engineering in the context of a research setting, and to help students initiate scientific relationships that will better enable future collaboration with foreign counterparts. The institutes last approximately 8-10 weeks from June to August. Application cycle is from September to early December. For more information, please visit: <http://www.nsf.gov/eapsi> or <http://www.nsf.org>.

### The Office of Naval Research (ONR) Summer Faculty Research and Sabbatical Leave Program

This program is intended for US citizens who hold teaching or research appointments relating to science and/or engineering at U.S. academic institutions. A competitive stipend, relocation and travel allowances, and a pre-program site visit are offered. The application cycle is from September to January. For more information, go to <http://www.asee.org/summer>, or contact [onrsummer@asee.org](mailto:onrsummer@asee.org).

[TOP](#)

### LEADERSHIP KNOWLEDGE SURVEY

Elaine R. Millam of the University of St. Thomas (UST) and Ronald J. Bennett of Minnesota State University, Mankato, are co-authoring a potential textbook for STEM professionals and students. They would like to know what engineering educators are doing to help develop leadership knowledge and skills among their students. (The University of St. Thomas School of Engineering has offered leadership courses for engineering graduate students for 10 years). Millam and Bennett ask that ASEE members participate in the brief survey of 12 questions by clicking on the following URL: <http://www.zoomerang.com/Survey/?p=WEB229JVC4SNW4>

[TOP^](#)

## NAE/NRC WEBCAST SYMPOSIUM ON K-12

The National Academy of Engineering and the National Research Council, in September, held a joint webcast symposium in Washington on K-12 engineering education. The NAE and NRC will release a report saying that "engineering education may improve student learning and achievement in science and mathematics, increase awareness of engineering and the work of engineers, boost youth interest in pursuing engineering as a career, and increase the technological literacy of all students."

[TOP^](#)

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