ASEE Action Newsletter

January 2007

- January 15 Deadline for ASEE Award Nominations
- Call for K-12 Workshop Proposals
- Advances in Engineering Education
- Parker Named Educator of the Year by SHPE
- Inspired by Sputnik?
- EPICS Annual Conference
- Fellowship Opportunities

January 15 Deadline for ASEE Award Nominations

ASEE is accepting nominations for awards to be presented at the 2007 ASEE Awards Banquet, which will be held during the Annual Conference in Honolulu, Hawaii, June 24-27, 2007. Awards offered, nomination requirements, and online award nomination forms are available on the web at: http://www.asee.org/members/awards/index.cfm. Please consider nominating one or more deserving colleagues for an award. The deadline for submitting award nominations is January 15, 2007. For questions regarding awards, please contact Bey at 202-331-3550, or email: s.wingatebey@asee.org.

Call for K-12 Workshop Proposals

Proposals are sought for ASEE's 4th annual Workshop on K-12 Engineering Education. The Workshop will take place on Saturday, June 23, 2007, in Honolulu, HI, on the campus of the University of Hawaii. Workshops should feature hands-on, classroom activities; provide take-home or classroom-ready materials for participants to use in their own teaching; and be designed to engage participants in interactive exercises. Proposals are due by January 26, 2007.

For the full Call for Proposals, please use the following URL: http://www.engineeringk12.org/k12workshop2007/CALL_for_Proposals.pdf.

For the full Proposal Form, please use the following URL: http://www.engineeringk12.org/k12workshop2007/Proposal_form.doc.

For more information about the the workshop and ASEE's K-12 activities in general, please visit http://www.engineeringk12.org.

Advances in Engineering Education

Coming in spring 2007 is the inaugural issue Advances in Engineering Education (AEE), AEE's new online journal. AEE's mission is to disseminate significant, proven innovations in engineering education practice, especially those that are best presented through the creative use of multimedia. Authors are encouraged to submit articles describing applications both inside and outside the classroom that are based on a foundation of accepted learning science principles and that have increased student learning and/or achievement. By focusing on educational developments and practice, AEE complements the Journal of Engineering Education, which concentrates on rigorous engineering education research.

Parker Named Educator of the Year by SHPE

Paul E. Parker, assistant dean and director of the Morrill Engineering Program at the University of Illinois at Urbana-Champaign has been selected as the 2007 STAR Award for Educator of the Year by the Society of Hispanic Professional Engineers (SHPE). This honor recognizes a member of academia who significantly contributes to and continually promotes Hispanic education in the engineering, science and math disciplines. "Educator of the Year" is one of the STAR Awards that will be presented at SHPE's National Technical & Career Conference in Denver, Colorado on January 10-13, 2007. Parker has also been the recipient of ASEE's Vincent Bendix Minorities in Engineering Award.

Inspired by Sputnik?

Steven Kim, a writer and researcher, is conducting research for a book based on Sputnik for Mike Milken and the Milken Institute (a non-profit think tank). He is looking for engineers to interview who were inspired by Sputnik's 1957 launch to enter the profession. If interested, contact Steven Kim at: Tel. no: 310-570-4561 or (cell) 310-227-5402. Fax no: 310-570-4557.

EPICS Annual Conference

The National EPICS Program will hold its annual conference at UC San Diego in conjunction with the TIES program there on May 22-24, 2007. An RFP will go out after the first of the year. This will be the third conference of its kind and the first to be held on the West Coast. The National EPICS Program is a consortium of universities across the country committed to and successfully practicing the EPICS (Engineering Projects in Community Service) model founded at Purdue University in 1995. For details, see: http://epicsnational.ecn.purdue.edu/ or contact Diane Masters at 765-494-3750.

Fellowship Opportunities

ASEE administers a number of federal programs that offer fellowship opportunities, including the following:

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

This scholarship for service program provides students with a stipend (starting between $22,500 and $38,000 per year), full tuition, health coverage, book allowance of $1000, and other normal educational expenses. The purpose is to promote the education, recruitment and retention of undergraduate and graduate students in science, technology, engineering, and mathematics (STEM) studies. The SMART Scholarship for Service Program is open only to U.S. citizens, and students must be at least 18 years of age to be eligible. There is an employment requirement with the DoD with this program. Application deadline is February, 2007. For more information and to apply, go to: http://www.asee.org/smart.
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 graduate studies in science and/or engineering programs. The fellowships are for three year tenures. The stipends begin at $30,500 for first year fellows, $31,000 for second year fellows, and $31,500 for third year fellows. Full tuition and fees and a health insurance allowance are included as part of the program. The application deadline is January, 2007. Go to: [http://www.asee.org/ndseg](http://www.asee.org/ndseg) for applications and detailed program information.

The Naval Research Enterprise Intern Program (NREIP)

The American Society for Engineering Education (ASEE) is now administering NREIP, sponsored by the Office of Naval Research (ONR). NREIP 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. The stipend amounts for the program are $5,500 for undergraduate students and $6,500 for graduate students. U.S. citizenship required; Permanent residents accepted at certain labs. The application is currently open and must be completed by January 12, 2007, references are due by January 19, 2007. Go to: [http://www.asee.org/nreip](http://www.asee.org/nreip).

The Science and Engineering Apprenticeship Program (SEAP)

The American Society for Engineering Education (ASEE) is now administering SEAP, sponsored by the Office of Naval Research (ONR). SEAP is an eight week summer research opportunity at participating ONR laboratories for high school student who have completed at least grade 9, must be 16 years of age for most Laboratories, and a U.S. citizen. A graduating Senior is eligible to apply. The stipend for eight weeks for the summer program is $1,500 for new students; $1,550 for returning students. The application is currently open and must be completed by January 26, 2007, references are due by February 2, 2007. Go to [http://www.asee.org/seap](http://www.asee.org/seap).