FELLOWSHIP OPPORTUNITIES

ASEE administers a number of education-related programs for the federal government. See the following program opportunities:

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

This 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. Intended for U.S. citizens or near the beginning of their graduate studies in science and/or engineering programs, fellowships are for three year tenures. Stipends for fellows begin at $30,500 first year, $31,000 second year, $31,500 third year. Full tuition, fees and health insurance allowance are part of the program. Application deadline is January 6, 2006. See: http://www.asee.org/ndseg for applications and detailed program information.

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

This program is intended for U.S. 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 pre-program site visit are offered. Application deadline has been extended to January 16, 2006. See: http://www.asee.org/summer.

The Naval Research Laboratory (NRL) Postdoctoral Fellowship Program

This program is open to U.S. citizens and legal permanent residents and offers a competitive stipend as well as insurance, relocation, and travel allowances. The 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. Program has rolling admission. See: http://www.asee.org/resources/ntl.

NEW PROGRAMS

The Naval Research Enterprise Intern Program (NREIP).

ASEE is now administering NREIP, which is sponsored by the Office of Naval Research (ONR). NREIP is a 10-week summer research opportunity for undergraduate juniors, seniors, and graduate students, under the guidance of a mentor, at a participating Navy Laboratory. Stipend amounts for the program are $5,500 undergraduate students, $6,500 - graduates. U.S. citizenship required; permanent residents accepted at certain labs. Application is currently open and must be completed by February 17, 2006. See: http://www.asee.org/NREIP.

The Science and Engineering Apprenticeship Program (SEAP).

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 students who have completed at least grade nine. Students must be U.S. citizens, and must be 16 years of age for most Laboratories. A graduating senior is eligible to apply. The stipend for the summer program is $1,500 for new students; $1,550 for returning students. Application is currently open and must be completed by February 17, 2006. See: http://www.asee.org/SEAP.

K-12 PROGRAM DATABASE

Regular users of ASEE’S EngineeringK12 Center’s outreach program database will now find the collection of K-12 and pre-college engineering, math, science, and technology programs easier to use and convenient to update. By registering with the database, outreach program providers have access to the new user interface, allowing them to add, edit, and manage listings. This feature ensures that the most current information on engineering outreach programs is available to database searchers. The EngineeringK12 Center’s outreach program database is a search resource for parents, teachers, and students. From lesson plans for teachers to engineering summer camps for students, the database offers a selection of university, industry and government programs. You do not need to register to search – only to manage an outreach program in the database. Register at: http://www.engineeringk12.org/educators/making_engineers_cool/search.cfm.

2006 CIEC

The Conference for Industry and Education Collaboration (CIEC) will be held January 24-27, 2006 in San Antonio, TX. For more information, see: http://www.asee.org/about/events/conferences/ciec/2006/. CIEC is organized and sponsored by ASEE’s Cooperative Education Division (CED), College Industry Partnership Division (CIP), Continuing Professional Development Division (CPD), and the Engineering Technology Division (ETD).

HP TEACHING GRANT

Hewlett Packard (HP) has launched its 2006 HP Technology for Teaching Grant Initiative, which will award grants totaling $8 million in cash and equipment to K-12 public schools and two- and four-year universities in the U.S. and Puerto Rico. The higher education grant awards are valued at more than $70,000, and include wireless HP Tablet PCs and a faculty stipend. HP welcomes proposals that focus on the redesign of required math, science, engineering, or computer science courses that lead to a degree in computer science, computer engineering, or engineering (EE, ME, Materials, or IT engineering). Based on the outcomes of the projects funded through this initiative in 2006, HP may offer grant recipients the opportunity to receive higher-value grants in 2007. Web-based applications are due by 5 p.m. PST, February 15, 2006. For details, see: http://www.hpcom/gohpteach.
NAE/ NSF CONFERENCE ON SERVICE LEARNING

The National Academy of Engineering (NAE) will host the Conference on Service Learning in Engineering, sponsored by the National Science Foundation (NSF). This conference will be held May 23-25, 2006 and seek to bring together practitioners of service learning, leaders in education, researchers, and industry and government proponents. Abstracts are being sought for presentations in the interactive poster sessions. The goal for the poster sessions is to demonstrate a diverse set of successful models of service learning in engineering and computing education. Abstracts should be no more than 300 words in length and must be submitted through the abstract submission web portal at: http://epicsnational.ecn.purdue.edu/public/rgp/rgp.php by January 15, 2006. For more information, contact: Diane Masters, National Coordinator of the EPICS Program, Purdue University 465 Northwestern Ave., West Lafayette, IN 47907-2035, Tel: 765-494-3750, Fax: 765-496-6892, E-mail: epicsnational@purdue.edu.

NAE REPORT ON ENGINEERING R&D

The National Academy of Engineering has published a report titled “Engineering Research and America’s Future: Meeting the Challenges of a Global Economy.” The Committee to Assess the Capacity of the U.S. Engineering Research Enterprise that produced the report was chaired by former University of Michigan President and Dean of Engineering James J. Duderstadt and included Engineering Deans Council Members James H. Johnson, Jr. (Howard University), Kristina M. Johnson (Duke University), Linda P.B. Katehi (Purdue University) and David N. Wormley (Pennsylvania State University). The nine recommendations made in the report focus on the federal research and development budget, long-term research and industry, quality of the technical workforce, industry and research universities and discovery-innovation institutes. For more information, visit: http://www.nap.edu/catalog/11393.html.

SUDDEN SAD NEWS

At ASEE headquarters, we were very sorry to learn that ASEE Board Member Isadore Davis died on Tuesday, November 22, after suffering a severe stroke. Many ASEE staff had recently visited with him when he was at headquarters for the ASEE Executive Board meeting. Davis was serving his second term on the ASEE Board as Chair, Corporate Member Council, and was Vice President for Institutional Councils. He had had a distinguished career, first at Raytheon Missile Systems, and more recently at Rolls-Royce, and his loss will be greatly mourned by his many friends and associates. A full obituary will be carried in an upcoming issue of Prism magazine. His funeral will be held at Stuart Mortuary, 2201 N. Illinois Street, Indianapolis, IN, on Saturday, November 26. Cards and condolences may be sent to his spouse, Mrs. Wilda Davis, 7220 Normandy Way, Indianapolis, IN 46270.

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