February 2000

**NOMINATE AN ASEE FELLOW ON-LINE.**

The grade of Fellow is one of unusual professional distinction and is conferred upon an ASEE member with outstanding qualifications and experience in engineering and engineering technology education or allied field. You can make your nomination this year on-line, and the deadline is February 1, 2000. For information and guidelines, go to: http://www.asee.org/welcome/academy/afguidelines.cfm. If you have further questions, you may contact Felicia Guglielmi at e-mail: f.guglielmi@asee.org.

**FEBRUARY 1st IS DEADLINE FOR NASA SUMMER FACULTY FELLOWSHIP PROGRAM.**

There is still time, if you hurry, to apply for the National Aeronautics and Space Administration (NASA) supported program of summer faculty fellowships for full-time engineering and science educators at U.S. colleges and universities. Designed to provide participants with valuable professional experience, this program runs for a 10-week period during the summer. The application and program information are available only on-line. Go to: http://www.asee.org/nffp. If you have questions, contact Michael Moore at e-mail: m.moore@asee.org.

**ENGINEERING EDUCATION WORKSHOP AT CARNEGIE MELLON.**

The NSF Engineering Education Scholars Workshop 2000, at Carnegie Mellon University (CMU), will address the needs of new and future engineering faculty by: providing professional teaching development; exploring the role of engineering faculty members in setting up and conducting research; discussing engineering education possibilities and challenges in the 21st century; and providing intellectual and social support with colleagues. The workshop will be held July 16-21, 2000, and is open to both engineering graduate students in the last two years of a doctoral program and first-year engineering faculty members. Certificates of recognition will be presented by the National Science Foundation at the conclusion of the workshop. Applications from women, minorities, and the disabled are encouraged, and the application deadline is January 21. Travel to and from CMU must be paid for by the participant or the participant's institution; a limited number of travel grants are available to women and minority applicants. All other expenses, including room and board, will be paid for by NSF and CMU. See http://www.cmu.edu:80/provost/teaching/nsf/ for details.

**NATIONAL ENGINEERS WEEK TO ENCOURAGE DIVERSITY.**

National Engineers Week 2000, February 20-26, 2000, will use E-Week to put a focus on improving diversity in engineering. Plans are to include a concerted effort by engineering societies and businesses to actively recruit minorities and women into their ranks. Last fall, E-Week held a Washington summit, "The Business of Diversity," where business and engineering society leaders discussed how to increase the number of minority and women engineers, and ways for the engineering societies to diversify their memberships. See: http://www.eweek.org for more information.

**REMEMBER DATES FOR CIEC.**

NATIONAL ACADEMIES CONSIDER POSTDOCTORAL EXPERIENCE.

Last December, the Academies' Committee on Science, Engineering and Public Policy (COSEPUP) held a workshop on "Enhancing the Postdoctoral Experience" as part of its continuing investigation into how to enhance the quality and usefulness of graduate training in engineering and the sciences. Topics discussed included the opportunities, rights, and responsibilities of postdocs, and the place of postdocs in their academic, governmental, or corporate institutions. See: http://www4.nas.edu/pd/cosepup.nsf for more information on COSEPUP.

ONR, ARL POSTDOCTORAL PROGRAMS.

Speaking of postdoctoral programs, ASEE administers two postdoctoral fellowship programs for the Department of Defense, one for the Office of Naval Research (ONR) and one for the Army Research Laboratory (ARL). Both programs are designed to significantly increase the involvement of creative and highly trained scientists and engineers from academia and industry to scientific and technical areas of interest and relevance to the Army and the Navy. There is also special initiative to increase the number of women postdoctoral candidates in the program in the ONR program. Research areas of interest to the Navy include such diverse fields as: acoustics; hydrodynamics; aerodynamics; astrophysics; electronic devices; biotechnology; oceanography, communications, command control, and intelligence; computer hardware and software; materials; target detection; weaponry, signal processing; simulation; biomedicine; training; manufacturing; construction; and logistics. Application deadlines for the ONR program occur four times a year: January 1, April 1, July 1, and October 1. Stipends, travel and relocation funds, and medical coverage are provided. For more details, go to: http://www.asee.org/onr .

Research areas of interest to the Army include: applied mathematics; atmospheric characterization; simulation and human modeling; digital/optical signal processing; material science and technology; multifunctional technology, combustion processes; propulsion and flight physics. Applications for the ARL program are accepted at any time. Stipends, travel and relocation funds, and medical coverage are provided. For more details go to: http://www.asee.org/fellowship/ . If you have questions, contact Sandi Crawford at e-mail s.crawford@asee.org .

WOLFRAM OFFERS ASEE MEMBERS HEFTY DISCOUNT ON MATHEMATICA.

Wolfram Research is offering members of ASEE in the U.S. and Canada a 50% discount off the list price of Mathematica 4.0 for both new purchases and upgrades. These discounts mean, for example, that Mathematica 4.0 for Windows is available to ASEE faculty members for $447.50, and to non-faculty members for $747.50. Mathematica 4.0 is normally $1,495 for commercial use and $895 for academic users. This offer is good between January 1 and July 31, 2000 and is limited to the U.S., Canada and Mexico. For more information, call Wolfram Research at 1-877-239-7141 and mention Promo Code 10050.
ROSE-HULMAN WILL HOLD THIRD ASSESSMENT SYMPOSIUM.


GROUND VEHICLE COMPETITION AT DISNEY WORLD.

The eighth annual Intelligent Ground Vehicle Competition will be held July 8-10, 2000 at the Coronado Springs Resort at Walt Disney World. Engineering student teams will compete on obstacle courses and in a Follow-the-Leader event with autonomous vehicles the size of golf carts or smaller. Technologies employed are vision systems, image analysis, obstacle detection, range finding, adaptive cruise control and mechanical actuation, and teams are generally multidisciplinary. Teams may apply until March 15, 2000. See http://www.secs.oakland.edu/SECS_prof_orgs/PROF_AUVSI/index.html.

DONATE YOUR USED ENGINEERING TEXTS.

Here are two calls for donations for used texts. The first, Bridge to Asia, a non-profit San Francisco organization, wants your new and used engineering books. They are looking for engineering textbooks, reference books, journals and professional magazines. See http://www.bridge.org for more information, or call 415-356-9040. All donations and shipping costs are tax deductible.

The second effort is conducted by the non-profit, Sudan-American Foundation for Education (SAFE). SAFE wants donations of recent textbooks and reference books for use by faculty and students. SAFE will ship them to Sudan for distribution among university libraries there. See http://www.sudan.com/safe for more information.

ASEE WILL BE CLOSED JANUARY 17.

This is a reminder that ASEE observes Martin Luther King Day, and the office will be closed on Monday, January 17, 2000.

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