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ASEE Action Newsletter

January 2009

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ASEE AWARD NOMINATIONS

The deadline for submitting nominations for ASEE's Awards that will be presented in June at the Annual Conference in Austin is fast approaching – January 15, 2009. Now is the time to consider nominating worthy colleagues. The Awards Banquet is a highlight of ASEE's annual meeting and is an excellent way to recognize deserving and distinguished colleagues. To review nomination requirements and to access online nomination forms, go to: <http://www.asee.org/members/awards/index.cfm>.

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STILL TIME TO NOMINATE AN ASEE FELLOW

The deadline for submitting Fellow Member nominations is February 1, 2009. The grade of Fellow is one of unusual professional distinction and is conferred by the Board of Directors upon an ASEE member with outstanding qualifications and experience in engineering or engineering technology education or allied field, who has made appropriate and important individual contributions. For nomination requirements, go to: <http://www.asee.org/members/awards/fellowNomination.cfm>.

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INVITATION FROM IUCEE

The [Indo US Collaboration for Engineering Education \(IUCEE\)](#) invites you to participate in the [2009 Indo US Engineering Faculty Leadership Institute](#). IUCEE began in 2007 with ASEE's assistance, and its vision is to improve the quality and global relevance of the best engineering talent in the world (starting with U.S. and India). At the 2008 Indo U.S. Engineering Faculty Leadership Institute in Mysore, 23 U.S. expert faculty conducted 23 one-week workshops in the "Train the Trainer Format." These were attended by 585 Indian faculty participants, who are following up in their own colleges and regions. Plans are already underway for the 2009 Indo U.S. Engineering Faculty Leadership Institute, June 22 to July 10, 2009. The location in India is yet to be finalized. IUCEE is looking for U.S. faculty members to conduct one-week workshops during any one of the three weeks from June 22 to July 10, 2009. The U.S. expert will select one core course in any discipline of engineering or computer science and conduct a one-week workshop on how to teach that course effectively to selected Indian faculty, who will in turn train other faculty in their regions. The U.S. expert will receive a stipend of \$7,500. Travel and accommodations will be taken care of. Details are at: <http://www.iucee.org/downloaddocument.php?id=71>. Contact Krishna_Vedula@uml.edu for more information.

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FELLOWSHIP OPPORTUNITIES

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

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 deadline is January 5, 2009.** Go to: <http://www.asee.org/ndseg> for applications and detailed program information.

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 Naval Research Enterprise Intern Program (NREIP)

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. 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. See website for details. **The application must be completed by January 12, 2009.** Go to: <http://www.asee.org/nreip>.

The Science and Engineering Apprenticeship Program (SEAP)

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 the summer program is \$1,500 for new students; \$1,550 for returning students. **The application must be completed by January 26, 2009.** Go to <http://www.asee.org/seap>.

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 closes January 16, 2009.** For more information, visit: <http://nasa.asee.org>.

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2009 SUSTAINABLE ENGINEERING WORKSHOPS

The [Center for Sustainable Engineering](#), supported by NSF and EPA, will hold two summer workshops to assist faculty members who wish to include lecture material and assignments on sustainability in engineering classes they are teaching. The first is intended for faculty members without previous experience in the concepts and applications of sustainability as applied to engineering, and will be held July 12-14, 2009. The second is intended for faculty members who have experience in research and/or teaching related to sustainable engineering, July 15-17, 2009. Examples include work in industrial ecology and use of engineering tools such as material flow analysis, life cycle assessment, and LEED guidelines for green buildings. The two workshops will be held at Carnegie Mellon University in Pittsburgh. Applications will close on January 31, 2009. For additional Information, see: <http://www.csengin.org>.

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INVITATION TO PARTICIPATE IN RESEARCH PROJECT

Wendy Combs and Bettina Davis, formerly from Intel Corporation, are conducting a research project on Technical Training in Fortune 1000 and selected global companies. The project will seek to examine the challenges of meeting training and career development needs of a highly diverse global audience. Combs and Davis are interested in views from academia, and will pose questions such as, "What are the emerging technical skills academia is focusing on?" and "What are educational trends in the engineering field that corporations should incorporate into technical training curriculums?" If interested, or for further information, contact Bettina Davis at: bettinamdavis@yahoo.com.

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