ASEE Action Newsletter - February 2004

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ASEE 2004 NATIONAL ELECTIONS

Your ballot for the 2004 ASEE National Election is included with the February 2004 issue of Prism Magazine. Please be sure to vote and remember to sign your ballot envelope, which is included in the ballot, to have your vote counted. All ballots must be returned to headquarters by March 31st. To read online about the candidates, go to: http://www.asee.org/welcome/nominations.cfm.

2004 ASEE ANNUAL CONFERENCE IN SALT LAKE CITY

Now is the time to register for the 2004 ASEE Annual Conference & Exposition, June 20-23, and save with the early registration fees. Also, this year, you can get a further saving of $35 by completing registration online at: http://www.asee.org/conferences/annual2004/registration.cfm. The Annual Conference has grown in size and success, and it appears the Salt Lake meeting may be the best attended yet. So far, over 1600 papers have been submitted. Please note that this year there will not be a separate conference advance program. All pertinent annual conference information, including registration and housing forms, will be included in your February issue of Prism Magazine. The February Prism, for the first time, will be a big double issue with one-half containing conference information, and the other half dedicated to the usual timely mix of articles. For additional conference information, or for questions, go to: http://www.asee.org/conferences/annual2004/default.cfm or contact Charla Copp, ASEE registrar, tel: 202-331-3517, email: registrar@asee.org.

SPECIAL RESEARCH ISSUE PLANNED FOR JEE

The Journal of Engineering Education will publish its first special issue in January 2005. The issue will contain critical reviews of selected topics of research in engineering education. The guest editors for this special issue are Dr. Richard Felder, North Carolina State University, Dr. Sheri Sheppard, Stanford University, and Dr. Karl Smith, University of Minnesota—all well-recognized scholars in engineering education. Articles will cover topics such as pedagogies in the classroom and the laboratory, student learning styles, faculty teaching strategies, engineering design, curriculum integration, electronic learning, accreditation, assessment, diversity, and more. The issue is a reflection of the Journal’s more focused mission to promote and publish state-of-the-art research in engineering education.

NRL FELLOWSHIP PROGRAM

ASEE administers postdoctoral research opportunities through the Naval Research Laboratory (NRL) Postdoctoral Fellowship Program. The NRL/ASEE Postdoctoral Fellowship Program is 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. The NRL Program provides approximately 40 new postdoctoral appointments per year. Fellows are competitively selected on the basis of their overall qualifications and technical proposals addressing specific areas defined by the host Navy laboratories. The selected participants will work in a unique Navy laboratory environment, while interacting with senior laboratory scientists and engineers. The program is open to all U.S. citizens, or nationals and legal permanent residents. Applications are accepted and processed on an ongoing basis. For online application and detailed program information please, click here. For further information or a copy of the most recent poster, contact Kempinski, email: r.kempinski@asee.org or telephone: 202-331-3525.

ENGINEERS FORUM ON SUSTAINABILITY

The next Engineers Forum on Sustainability (sponsored by ASEE, ASCE, AIChE) will take place at the National Academy of Engineering, Washington, D.C., January 23, 2004, beginning at 9 a.m. The agenda will include presentations by the director of the Office of Sustainability at the University of Florida and by the Executive Director of the Mascaro sustainability Initiative at the School of Engineering of the University of Pittsburgh. In addition, George Bugliarello, Foreign Secretary of the National Academy of Engineering will give a talk to forum attendees on the challenge of megacities.

ENGINEERS INTERNATIONAL ROUNDTABLE

The next EIR meeting on January 23, 2004, will begin at 1 p.m. at the National Academy of Engineering, Washington, D.C. The Engineers International Roundtable will feature a report of a December webcast by ASCE to Iraqi engineers, plus a discussion of recent engineering activities at UNESCO and a presentation on the NSF international program.
I INTRODUCE A GIRL TO ENGINEERING
The fourth annual "Introduce a Girl to Engineering Day" is February 26, 2004. "Girl Day," as it's known by most engineers, is part of National Engineers Week and its annual outreach to encourage under-represented groups to consider a career in engineering. Sherra Kerns, ASEE President-Elect, was quoted in EWeek's news release about the benefits of introducing girls to engineering. See: http://www.eweek.org and under news, click on "Changing Attitudes Toward Women Engineers.

NSF APPOINTS WINDHAM TO KEY POSITION
The National Science Foundation (NSF) has named Thomas Windham, an educator and psychologist, to the newly created position of Senior Advisor for Science & Engineering Workforce. Windham will oversee NSF's efforts to broaden participation in science and engineering careers, and will serve as NSF's principal liaison to minority-serving institutions. He holds a PhD in psychology from the University of Colorado and is a visiting professor at Universidad Metropolitana in San Juan, Puerto Rico. See: http://www.nsf.gov/od/lpa/news/03/ma0353.htm for the NSF press release announcing the appointment.

GIrls IN ENGINEERING
The first printing of the NSF publication, "New Formulas for America's Workforce: Girls in Science and Engineering," by Pat McNees, was snapped up in five weeks. The second printing is due this month. The book is free and can be ordered at: http://www.nsf.gov/home/orderpub.htm (order number - NSF 03-207). The book makes recommendations on how science and engineering should be taught so as to increase the number of women and minorities in the scientific and engineering workforce. McNees also had an article, "Why Janie Can't Engineer: Raising Girls to Succeed," in The Washington Post, January 6, 2004, Style section.

FACUlTY FOR THE FUTURE
The Women in Engineering Programs & Advocates Network (WEPAN) invites you to visit the site they administer, Faculty for the Future, at http://www.facultyforthefuture.org. Faculty for the Future is dedicated to linking a diverse pool of women and under-represented minority candidates in the technical professions with academic positions at universities in the U.S. WEPAN also encourages students to post their resumes if they are considering an engineering, science, or business faculty career. The site gives access to faculty positions, research programs, and fellowship opportunities at universities and colleges across the nation. There is no fee to post positions or search candidate resumes.

NAE AWARDS
The National Academy of Engineering (NAE) gives five awards for engineering achievement and innovation: the Charles Stark Draper Prize, the Fritz J. and Dolores H. Russ Prize, the Bernard M. Gordon Prize for Innovation in Engineering and Technology Education, the Founders Award, and the Arthur M. Bueche Award. Award recipients receive a total of more than $1 million from these awards, which were created to salute leaders in engineering and bring a better understanding of the importance of engineering and engineering education to society. For information about the NAE awards and the nomination process, go to http://www.nae.edu/awards. Nominations for the 2004-2005 awards must be received by April 12, 2004.

IACEE MEETING IN TOKYO
The International Association for Continuing Engineering Education (IACEE) will hold the 9th World Conference for Continuing Engineering Education in Tokyo, Japan, May 16-19, 2004. The conference is organized by the College of Science and Technology, Nihon University, and the Japanese Society for Engineering Education, in association with IACEE. This conference offers participants the opportunity to confer with specialists in continuing engineering education from all over the world. For more information, go to: http://wwwsoc.nii.ac.jp/isce, or contact: Japanese Society for Engineering Education, c/o Mita Aruso Building, 5-21 Mita 3-chome, Minato-ku, Tokyo, 108-0073 Japan, telephone: +81 3 5442 1021, fax: +81 3 5442 0241, email: isce@mxk.mesh.ne.jp.

STUDENT OPPORTUNITY TO STUDY IN GERMANY
The German Academic Exchange Service (DAAD) is offering awards to qualified undergraduate students for study abroad, senior thesis research and/or internships in the Federal Republic of Germany. The awards are for a semester or a year abroad for between four to 10 months, either as part of an organized study abroad program, or as part of a student-designed study abroad semester or year. Students must be enrolled full-time at an accredited U.S. college, and students in all academic fields are eligible. The application deadline is February 15, 2004. For further information, go to: http://www.daad.de/deutschland/en/.

Marian Tatu, editor
m.tatu@asee.org

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American Society for Engineering Education
1818 N Street, N.W., Suite 600
Washington, DC 20036-2479
Web: www.asee.org
Telephone: (202) 331-3500