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March 2010

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ASEE 2010 NATIONAL ELECTION

ASEE 2010 NATIONAL ELECTION. The ballots for the ASEE 2010 National Elections have been mailed, and you should receive yours soon. Unlike previous years, you will receive your ballot in a separate envelope this year, and not included with Prism Magazine. When you receive your ballot, please cast your vote for the candidates you would like to see in ASEE leadership positions. The deadline is EXTENDED to April 15th, 2010, which means ballots must be postmarked by this date to be counted. ASEE has over 13,000 members, but each year we receive fewer than 1,000 votes. We are hoping for a better turnout this year, and hoping that by mailing the ballot separately, members will focus on this election and cast their votes. Candidates for the top spot – ASEE president-elect – are Don P. Giddens, Georgia Institute of Technology and Michael O'Hair, Purdue University, West Lafayette. See full slate of candidates for this year's election at: <http://www.asee.org/about/Elections.cfm>

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NSF DIRECTOR TO LEAD PURDUE INSTITUTE

Arden L. Bement, the director of the National Science Foundation, has been named to lead Purdue University's new Global Policy Research Institute (GPRI) in West Lafayette, Ind. Bement will begin his new post as the director of GPRI on June 1 this year. Under Bement, NSF has created a series of new science and engineering initiatives around innovation themes, increased its role in the international scientific policy arena and increased its commitment to core basic research areas. From 1989 to 1995, Bement also served on the National Science Board, the 24-member policy body for NSF and adviser to the president and Congress on science and engineering issues. Bement is a former Purdue nuclear engineering professor and department head and retained tenure at Purdue during his stints in senior science policy posts in Washington, D.C. He joined the Purdue faculty in 1992 after a 39-year career in industry, government and academia.

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ASEE MEMBERS ELECTED TO NAE

The following members of ASEE have been elected as members of the National Academy of Engineering. John David Anderson Jr., curator of aerodynamics, National Air and Space Museum, Smithsonian Institution, Washington, D.C., and professor emeritus, aerospace engineering, Clark School of Engineering, University Maryland, College Park; Eric W. Kaler, provost and senior vice president for academic affairs, Stony Brook University, Stony Brook, N.Y.; Gregory B. Olson, Wilson-Cook Chaired Professor in Engineering Design, department of materials science and engineering, Northwestern University, Evanston, Ill.; Thomas W. Parks, professor, School of Electrical and Computer Engineering, Cornell University, Ithaca, N.Y.; Stephen B. Pope, Sibley College Professor of Engineering, Sibley School of Mechanical and Aerospace Engineering, Cornell University, Ithaca, N.Y. Academy membership honors those who have made outstanding contributions to engineering research, practice, or education.

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ELMER L. GADEN AWARDED NAE RUSS PRIZE

Elmer L. Gaden (Professor Emeritus, University of Virginia), will receive the National Academy of Engineering's Fritz J. and Dolores H. Russ Prize -- a \$500,000 annual award that honors engineers whose accomplishments have significantly improved the human condition -- "for pioneering the engineering and commercialization of biological systems for large-scale manufacturing of antibiotics and other drugs." Gaden was an ASEE member for 35 years, until after his retirement.

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THOMAS H. BYERS WINS NAE BERNARD M. GORDEN PRIZE

Thomas H. Byers and Tina L. Seelig, Stanford University, will share the Bernard M. Gordon Prize – a \$500,000 award issued annually that recognizes innovation in engineering and technology education -- for “pioneering, continually developing, and tirelessly disseminating technology entrepreneurship education resources for engineering students and educators around the world.” Byers has been an ASEE member for 15 years and has been a volunteer officer in the Entrepreneurship division.

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ASEE K-12 WORKSHOP IN LOUISVILLE

ASEE will hold its 7th Annual K-12 Workshop on Engineering Education, "Discovering Engineering in the Classroom", presented by Dassault Systemes, June 19, 2010 in Louisville, Kentucky. Those interested in submitting a proposal are invited to go to: <http://teachers.egfi-k12.org/category/workshop/workshop-call-for-proposals/>. Deadline for submission: March 19, 5PM EST. An overview of the workshop is available at: <http://teachers.egfi-k12.org/2010-workshop-overview/>. Workshops should prominently feature hands-on classroom activities; provide take-home or classroom-ready materials for participants to use in their own classrooms; and be designed to engage participants in interactive exercises. Workshops that offer tangible material to attendees, in addition to written material, are specifically solicited. Registration opens April 1 - June 4. Teachers who register by June 4 receive complimentary registration. For additional information, contact Libby Martin, lmartin@asee.org.

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FELLOWSHIP OPPORTUNITIES

Applications are open for the following Federal programs that ASEE administers. The programs that offer fellowship opportunities, include the following:

ASEE/NSF Corporate Research Postdoc Fellowship Program

This program will allow 40 highly qualified recent engineering Ph.D. recipients to conduct research at some of the nation's foremost research-performing companies. The program provides \$50,000 toward stipend expenses and provides health insurance coverage for each one-year fellowship, and requires that the host corporation pay \$25,000 toward the stipend and a \$2,500 administrative fee. Qualifying companies of all sizes are encouraged to register at: <https://aseensfp.asee.org/corporate/register> and post available research positions. Fellowships will be awarded to the first 40 successful matches made between the company and applicant, with the companies making the selection decision. Research fellows must hold a Ph.D. awarded in an engineering field within the last three years and be U.S. citizens, U.S. nationals, or permanent residents. Interested post-doctoral applicants are encouraged to register at: <https://aseensfp.asee.org/apply/sessions/new>. For details and a sample host agreement, see: <https://aseensfp.asee.org/>. For further information, contact Dianne Donovan at d.donovan@asee.org.

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/> and bring together students, teachers and researchers to meet and exchange ideas and viewpoints.

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LIBERTY MUTUAL POLICY

What's Your Policy? Liberty Mutual's Responsibility Project is an online community that encourages people to think, talk, and debate about what responsibility means to them. Go to http://asee.org/activities/resources/upload/LibertyMutual_RespProj.doc to check out the short films, share your stories, and join the conversation!

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GRAND CHALLENGES EXTRAORDINARY STORIES AWARD

Do you know students who have done something remarkable to address the Grand Challenges our world faces? Nominate them for the Extraordinary Stories Award. Who qualifies? Just about anyone who is or has recently been a student: K-12, undergrad & grad students, recent alumni... What's at stake? Cash prizes totaling \$15,000 and a trip to the Boston Summit on the Educational Implications of the NAE Grand Challenges, April 21, 2010. Visit: <http://www.grandchallengestories.org/> for more information.

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ASCE JOURNAL SOLICITS ARTICLES

The American Society for Civil Engineers invites submission of articles to ASCE's journal, Leadership and Management in Engineering (LME) for a special issue focusing on the practical initiatives engineers and other major project stakeholders are introducing to achieve the outcomes presented in "Achieving the Vision for Civil Engineering in 2025: A Roadmap for the Profession." To obtain a complimentary copy, go to: <http://content.asce.org/vision2025/>. For details, guidelines, and information about submission, go to: <http://pubs.asce.org/journals/leadership/default.htm> and click on call for papers.

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