

Washington DC Section

Newsletter

August 2007



Editor: Geoffrey Smith
202-404-6324
geoffrey.smith@nrl.navy.mil

<http://www.isr.umd.edu/~jwh2/asme/>

Executive Secretary: Andrea Gironda
703-489-9503
agironda@verizon.net

Chairman	Vice-Chairman	Treasurer	Secretary	Executive Advisor
I. Eronini 443-885-3868 eronini@eng.morgan.edu	Rattan Tawney 301-228-8820 rtawney@bechtel.com	Charles Akula 301-228-7278 cakula@bechtel.com	Mohsen Mosleh 202-806-6622 mmosleh@howard.edu	Gurmukh D. Mehta 703-414-3882 gurmukh.d.mehta@saic.com

First Recipient of Dr. Gurmukh Mehta's Faculty Chair at Indian Institute of Technology Appointed

01 August 2007

ASME Fellow Dr. Gurmukh Mehta established a faculty chair and a Mechanical Engineering M.Tech. Medal (M-cubed award) at the Indian Institute of Technology Kanpur (IIT/Kanpur) in India. The Board of Governors of IIT/Kanpur recently appointed Professor Gautam Biswas as the first recipient of this chair. The department also awarded its first M-cubed award to its best master's student, Senthil Kumar.



Professor Biswas showed his appreciation to Dr. Mehta in a note, saying, "Your approach to encourage science is precisely the approach that many national funding and philanthropic organizations, as well as the National Academy of Sciences, have been promoting. The impact and legacy such an approach can leave through the faculty, the students, and the institute is enormous."

This is not Dr. Mehta's first foray into making a difference in higher education. He is chair of the Advisory Board of Mechanical Engineering at Howard University and serves as liaison between the department and the profession in all aspects, including academic curriculum, learning environment and faculty research. "I've always been interested in nurturing learning and propagating the cause of excellence in education in general," Dr. Mehta said. "That's precisely what pulled me to this country over 35 years ago - excellence in

Student Activity Calendar

September

Sept. 4-6 Human Powered Vehicle Challenge, Maracaibo, Venezuela.

Sept. 11-12 2007 RTD Fall Technical Conference

Sept. 24 National Manufacturing Week

October

Oct. 15 2007 International Manufacturing Science and Engineering Conference (MSEC) Atlanta, Ga.

Oct. 22 International Oil and Gas Pipeline Conference, San Diego, Calif.

November

Nov. 11-15 International Mechanical Engineering Congress & Exposition, Seattle, Wash.

Renew ASME Membership Early for Your Chance to Win a 42" Plasma TV!

Find out how you could become eligible to win a 42" Plasma TV simply by renewing your ASME membership by Sept. 1 (for 2 entries to win) or renew online by Oct. 1 and receive three entries. All paid renewals must be received on or before Oct. 1. For more details visit

http://www.asme.org/Membership/ReferMember/Renew_Early_Win_42_Plasma_TV.cfm or call ASME Infocentral at 1-800-843-2763.

~ continued on page 3 ~

ASME Web Site Now Translates in Spanish and Chinese

In continued efforts to serve its growing international membership and forge an online presence consistent with new global initiatives, ASME has launched two language translation enhancements on its Web site, **ASME.ORG**

The ASME Web site can now be translated into the Spanish and Chinese languages, in addition to English. Spanish and Chinese-speaking visitors can now receive their respective language translations by clicking on the national flag of either Spain or China located at the top right side of the homepage.

“The new auto translator on the ASME Web site supports the Society’s outreach and commitment to the international engineering community, which is a key to expanding our initiatives aimed at global markets,” said Sam Y. Zamrik, president of ASME. “We will be adding other language translations including French, Russian, Japanese and Arabic as ASME develops the Web site to better serve its global members and customers.”

ASME.ORG provides portals to an array of engineering knowledge, including information on technical publications, conferences, codes and standards, continuing education opportunities and other programs of value to the engineering and technology community.



LEARN MORE, EARN MORE IT'S THAT SIMPLE!

- Is your job market becoming saturated?
- Do you need a promotion or raise?
- Do you see career growth in what you are doing now?
- Are you the only engineer in your company without an advanced degree?
- Would you be marketable in a job search?

Program Options

Aerospace Engineering
Chemical Engineering
Civil & Environmental Engineering
Electrical & Computer Engineering
Energetic Concepts
Environmental Engineering
Fire Protection Engineering
Materials Science & Engineering
Mechanical Engineering
Nuclear Engineering
Project Management
Reliability Engineering
Software Engineering
Systems Engineering

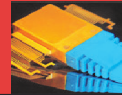
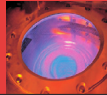
The A. James Clark School of Engineering is the highest-ranked engineering graduate school in the region and ranked No. 16 in the nation by *U.S. News & World Report*. With those credentials, it's the perfect choice for advancing your career and keeping you current with the latest technological developments in your field or in transferring to a new area of expertise.

Master of Engineering (30-credits)
Graduate Certificate in Engineering (12-credits)
Custom Short Courses, Workshops, License Reviews

Apply Today: No GRE EXAMS
NO THESIS TO COMPLETE DEGREE
NO QUALIFYING EXAMS
CLASSES OFFERED TO ACCOMMODATE
THE WORKING PROFESSIONAL

Contact Us: 301-405-0362, ENPM-C@UMD.EDU
WWW.ENPM.EDU

Class Locations:
College Park campus, remote sites in Maryland, On-Line,
or ask us about classes at your workplace



A. JAMES CLARK
SCHOOL OF ENGINEERING

OFFICE OF ADVANCED
ENGINEERING EDUCATION

You can advertise in this newsletter!

one time/alternate months/every issue*

Full page	-	\$400/\$1500/\$2700
Half page	-	\$250/\$1000/\$1800
Quarter page	-	\$150/\$500/\$900
Business-Card size	-	\$85/\$275/\$500

*50% discount on 'New Position Open' ads

Early Career Engineer Essay Competition

The Old Guard Committee of ASME invites you to participate in an Early Career Engineer Essay Competition. The competition was developed to engage early career engineers in communicating advice and guidance based on your own personal/professional experiences and your relationship with ASME to new ME/MET graduates. The winning essay will be posted on the ASME Early Career website and the author will receive \$1,000 and a lifetime ASME membership.

For complete details visit:

http://www.asme.org/Communities/EarlyCareer/Old_Guard_Early_Career.cfm

~ continued from page 1~

higher education. It gives me a great joy and satisfaction to pay back to the society in some small way and to thank all the great teachers that I had during my student life.”

More about Dr. Mehta

Dr. Mehta is a senior scientist and vice president with Science Applications International Corporation’s Technology and Advanced Systems Business Unit. He has been with SAIC for 27 years and is a key member of SAIC’s longest continuous contract with the U.S. Navy in the design, testing, deployment, and simulation of Tomahawk Cruise Missiles. He earned his bachelor’s of science with honors in mechanical engineering from Guru Nanak Engineering College, Ludhiana, Punjab (1967); a master’s of science with honors in mechanical engineering from IIT Kanpur (1969); and a Ph.D. in engineering from Brown University (1974).

A Fellow of the American Society of Mechanical Engineers (ASME), Dr. Mehta is executive advisor and past chairman of ASME’s Washington, D.C., section. At SAIC, he has volunteered and coordinated many teams of SAIC judges at the annual high school science and technology fairs for the past six years in the Washington DC area. He also served as vice president for PTSA at Thomas Jefferson high school of science and technology.

In his free time, he enjoys playing tennis and is an active member of an international philosophical society called Science of the Soul.

Related Information

<http://www.iitk.ac.in/dofa/chairprofessors.htm/>

Finalists for the 2007 “I-Show” Prepare for Congress Showdown



Eight universities will participate in the Innovative Showcase (I-Show) at the ASME Congress in Seattle on Nov. 9. ASME has developed I-Show in collaboration with the National Collegiate Inventors and Innovators Alliance and Idea to Product competitions. I-Show aims to nurture a new generation of innovators, while supporting inventive undergraduate projects, student programs, and faculty curriculum development.

One of the eight university team finalists, Rensselaer Polytechnic Institute, NY, will enter two innovations – the biodegradable building insulation and a device that monitors the condition of feet in diabetic patients. Washington State University also will present two technologies, namely a self-stabilizing hydrofoil for pleasure boats and demonstration of polyimide plastics in the walls of combustors. The other universities scheduled to participate in I-Show are the University of Texas at Austin, St. Louis University, The Pennsylvania State University, University of Idaho, Oregon State University and Texas A&M University. Judges will decide the best and most feasible ideas, and winners will receive seed funding and additional product and start-up support. For more details visit the Web site at:

http://www.asme.org/Communities/Entrepreneur/Innovation_Showcase_IShow.cfm

Nominate an Engineer for the 2008 Old Guard Early Career Engineer Award!

Recognize an outstanding early career engineer who actively involves themselves in the engineering profession, their communities, and the work of ASME.

Submit your nominations today!

Visit

<http://files.asme.org/asmeorg/Communities/EarlyCareer/8026.pdf> for more details.

Universities Need Your Valuable Perspective!

Applications are being accepted through **Oct. 15** for ASME/ABET Program Evaluators.

Program Evaluators contribute to the continuous improvement of Mechanical Engineering, Mechanical Engineering Technology, or related degree programs by evaluating them against a set of criteria related to faculty, facilities, curriculum, and other key program areas. In doing so, you will be helping to assure the quality of undergraduate degree programs and the students graduating from those programs. Serving on an assessment team for a degree program is very professionally and personally rewarding and a great way of supporting the future advancement of the engineering profession.

Desired Qualifications:

- Demonstrate an interest in undergraduate education.
- Demonstrate desired competencies outlined in ABET's Competency Model
- Have at least one degree in mechanical engineering, mechanical engineering technology, or a closely related discipline. Graduate degree preferred.
- 10+ years of work experience. Management experience a plus.
- ASME member or willingness to become a member prior to applying to serve as an evaluator

To complete an application and for more information, please visit

http://www.asme.org/Education/College/ABET/Become_Evaluator.cfm

ASME is committed to increasing the range of valuable perspectives that comes from having a diverse cadre of program evaluators. As such, we especially encourage minorities, women, and engineers working in industry or government to apply. Contact Amy Bentow, manager, Education, at bentowa@asme.org or 212-591-7880 with additional questions.

Made a Difference in Engineering Education?

Do you know an individual or entity (e.g. company, organization, institution, etc.) that has contributed to engineering education in a significant way? If so, consider nominating them for one of the following society awards:

The **Frank von Flue Award**, established in 2002, recognizes significant contributions by an individual or a group to the promotion of lifelong learning for mechanical engineers. Lifelong learning is defined as the continued process of education and/or professional development, following a post-secondary education degree, to maintain the competence and flexibility of mechanical engineers throughout their career. Contributions may include assessment, development, distribution or promotion of materials for lifelong learning via appropriate mechanisms, such as professional development or university extension courses and programmed or self-paced learning.

The **Ben C. Sparks Medal**, established in 1990, is presented annually to a mechanical engineer for recognition of eminent service to mechanical engineering technology education through contributions toward ASME; towards higher education professional service; and towards the teaching and/or research faculty roles in mechanical engineering and mechanical engineering technology. Candidates must have a record of outstanding performance in all of three areas: a broad range of contributions to ASME; dedicated efforts and a record of achievements in the advancement of engineering education and engineering technology education; and contributions, over an extended period of time, to the positive support, recognition, or interaction of mechanical engineering technology and mechanical engineering programs, their faculties, or students.

The deadline for submitting nominations is Jan. 1, 2008. For more information and a nomination package, please visit: <http://www.asme.org/Governance/Honors/SocietyAwards/>