

Chairman's Message

Section Members,

So far 2009 is off to a good start. On Tuesday September 29th we presented our annual Scholarship award to David Bedillion of Messiah College. Congratulations to David. You can see a brief Biography of David can be found in the local section of our news letter. We are currently working on the remainder of the years events. Tentatively we are planning another family outing to a Hershey Bears game. We are also working with partnering with other engineering organizations to hold Joint meetings as well as communicate some of their events that may be of interest to our members. Later this year the Central Pennsylvania Engineers Week Council (CPEWC) will be posting a calendar that will show the upcoming events of it's member organizations. This year the Executive committee is making an effort to become more involved in CPEWC activities. In addition to planning the annual Engineers week banquet the CPEWC also coordinates activities to educate the public on the importance of engineering in society. They also have a education outreach program the puts engineers in the class rooms to help foster an interest in engineering in the younger generation. You can find more information on CPEWC and their activities at their website www.CPEWC.com.

Sincerely,
Marion D. Mencer III, PE
Susquehanna Section Chairman

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2008-2009 Scholarship Winner



The Susquehanna Section of the American Society of Mechanical Engineers (ASME) has awarded its annual \$1500 scholarship to David Bedillion of Perkasio, PA, an outstanding entering senior classman in Engineering, with Mechanical Engineering concentration, at Messiah College, Grantham, PA.

In addition to achieving superior academic accomplishments, Bedillion is a member of the Messiah College, student chapter of ASME. He has been a student member of the Collaboratory for Strategic Partnerships and Applied Research, a college organization that develops and implements helping technologies to benefit disadvantaged persons and communities around the world. Bedillion has been working with a rehabilitation center in Burkin Faso, West Africa to adapt an electric wheelchair/tricycle for use by a cerebral palsy patient. He is now Student Director of the Collaboratory and is responsible for developing a week-long leaders' workshop for more than 30 returning student leaders and their faculty advisors.

Local Job Opening...

PRO Barrier Engineering builds active vehicle barriers (gates) that block or allow vehicle access to private areas. These are installed at various types of facilities – military bases, government buildings, refineries, art galleries (yes, even these have need for them), and other critical or valuable sites. We are a small but growing company and need a person to manage the production of the barriers (we use contract manufacturers in the Harrisburg area and in Ohio) and then go on site to oversee the installation of the barriers. We do not have a manufacturing facility, nor do we do the actual installation. PBE is looking for a person of high character (has to be able to pass security background checks) and personable (must work with various types of individuals and companies). A basic technical knowledge of manufacturing and construction (road, concrete, and electrical and hydraulic control systems) is most helpful, but the ability to learn and adapt quickly is even more important. An engineering degree or PE is not a requirement. Work hours (part time or full time) are negotiable. For more information on PRO Barrier Engineering see their website at: <http://www.probarrier.com/>.

Please send your information to tpotter@probarrier.com (Mention where you heard about this position when applying)

ASME PRESIDENT AMOS HOLT ON THE NEED FOR BALANCE

Global environmental pressures and competition for scarce resources challenge industry and the engineering profession far more than most issues.



Nowadays, new technologies and techniques that promote sustainability in future markets are central to building communities, advancing knowledge and setting standards.

As an impartial convener of innovative technical communities, ASME's capacity for collaboration and partnerships helps us to move forward on sustainability initiatives that have broad impact across many disciplines, many borders, and many interests. Ultimately, ASME can help address some of the barriers, such as improving the public's understanding of engineering, by ensuring accuracy and transparency in what engineers do to improve quality of life.

ASME calls for a balanced portfolio of energy resources and the Society encourages a culture of innovation needed to produce the kind of breakthrough thinking that delivers to the world clean, accessible, and affordable energy, while meeting increased demands for electric power generation, conservation and efficiency.

--- Read more in ASME News' "Letter from the President" Aug. 5, 2009.
http://www.asmenews.org/0809_1stories/president.html

PLAN TO ATTEND THE 2009 ASME CONGRESS



The ASME International Mechanical Engineering Congress and Exposition, including 20 discussion tracks on topics ranging from energy to nanotechnology, will be held Nov. 13-19, at the Walt Disney World Swan and Dolphin in Lake Buena Vista, Fla.

The Congress, the Society's largest annual conference, will bring together engineers, scientists and other professionals from around the world to discuss new research and applications that are shaping the future of engineering. The conference will feature nearly 350 technical sessions covering advancements in aerospace technology, manufacturing, micro devices, transportation, and biotechnology to name a few. Get unique insights into engineering's cutting-edge research and development and how it will determine the evolution of technology worldwide. Discover trend setting innovations and tools being showcased by industry leading companies, and build your professional network, expand your knowledge, and advance your career through various forums, workshops, industry tours, and a Career Expo.

For event information, visit
<http://www.asmeconferences.org/Congress09/>.

GTUS COMES TO HOUSTON

The ASME International Gas Turbine Institute (IGTI) has announced the Gas Turbine Users Symposium 2009 for technical professionals interested in the latest practical information on gas turbine operations, maintenance, and design. The symposium will be held Sept. 14-17, at the George R. Brown Convention Center in Houston, Texas. The Gas Turbine Users Symposium (GTUS) will encompass four technical tracks covering turbine design, operations and maintenance, technology advancements, and gas turbine environmental issues.

The program will include panel discussions, tutorials, and case studies. In addition, selected applications-oriented technical papers from the program of the 2009 ASME Turbo Expo will be presented. For registration information and detailed descriptions of the technical tracks, log onto www.asmeconferences.org/gtus09.



ASME Gas Turbine Users Symposium 2009
Sept. 14-17, 2009 • Houston, Texas USA
George R. Brown Convention Center
Co-located with the 38th Turbomachinery Symposium

Are YOU the New Face of Mechanical Engineering?

ASME wants you to tell us your story! The New Faces of Engineering program strives to promote the accomplishments of early career engineers by highlighting their engineering contributions and the resulting impact on society.

How Do You Get Recognized? You've got to be 30 years of age or younger as of Dec. 31, 2009; have a degree in engineering from an ABET accredited U.S. college or university, or from an equivalent international educational institution; and be a current member of ASME.

Nominate yourself, or a worthy colleague, today:
<http://www.eweek.org/site/engineers/newfaces2010/nomination.shtml>

This year we are again asking nominees to include, if available, video showing them on the job (on or off site). This will not impact the selection chances. Last year we received informal action and on-the-job photos from several New Faces; these snaps were a popular addition to our online feature and we encourage you to include these again, if available. See <http://www.eweek.org/site/Engineers/newfaces2009/index.shtml> for more information. Good Luck!



Don't Miss Your Opportunity

Looking for a new adventure at ASME? Need a volunteer to help your group get on track? If you answered "yes" to either of these questions, the Volunteer Opportunity Bulletin Board (VOBB) could help. The VOBB is the one-stop online resource for those interested in finding open volunteer positions and groups needing enthusiastic volunteers for their ASME local, District and/or international level committees. As a tool designed to help ASME leaders promote and fill volunteer positions throughout the society, the VOBB opens the door to new opportunities.

To learn more about the VOBB, posting an online position or filling a posted position, go to <http://volunteer.asme.org/vobb/> or contact Ty Booker at booket@asme.org.

Global Engineering Management Conference (GEMC) Provides Hands-on Experiential Learning Opportunities for Engineering Managers

The challenges facing mid-career engineers today require a balanced portfolio of technical and soft skills. In response to this need for specialized training, the ASME Management Division has developed the Global Engineering Management Conference (GEMC) in conjunction with an Advisory Board of industry leaders. With a focus on knowledge transfer from best-in-class organizations and an emphasis on hands-on experiential learning, the GEMC will provide unique insights into what engineering managers need to compete in an increasingly demanding global market place. Attendees will benefit from technical panels discussing critical subjects including, but not limited to:

- Global Manufacturing & Management Challenges
- Crisis Management & Business Recovery
- Design & Development of Sustainable Energy
- Managing & Developing Engineers in Large Corporations

The GEMC includes a host of activities, such as an exclusive tour of the Texas Instruments LEED Manufacturing Facility and a behind the scenes engineering tour of the new Dallas Cowboys stadium. Furthermore, attendees will be able to earn continuing education unit (CEU) accreditation through tutorials led by Dr. Jerry Westbrook, past president and executive director of the American Society for Engineering Management (ASEM).

The GEMC will be held on April 11-14, 2010 at the Fairmont in the heart of downtown Dallas, Texas. Visit our website for further information and to check out the new GEMC Interview Series which includes an insightful interview with Dr. Westbrook at <http://www.asmeconferences.org/gemc10/>

THE ASME FOUNDATION

2009 Virginia Tech Scholarship Award



The ASME Foundation would like to congratulate Justin Klein, winner of the Virginia Tech Department of Engineering's 2009 VT Scholarship Award for the second year in a row. According to Dr. Richard C. Benson, dean of the College of Engineering, Klein has made excellent progress in his graduate studies, having completed his course work and currently researching and writing his Master's thesis. Klein will graduate in May 2010. His current research involves the durability and lifetime predictions of elastomer seals for hydrogen fuel cells.

The Virginia Tech Memorial Scholarship Fund was created with your generosity to permanently observe the tragic events of April 16, 2007. The fund is currently endowed to ensure that a VT graduate student in engineering will receive a scholarship award each year.

GD&T SEMINAR IN SALT LAKE CITY

A seminar on the newly revised *ASME Y14.5* standard for geometric dimensioning and tolerancing (GD&T) will take place on Oct. 8, 2009, at the Sheraton Salt Lake City in Salt Lake City, Utah. The seminar aims to provide users of *ASME Y14.5* with an overview of the principles of GD&T, as well as review the changes that ASME has incorporated into the current 2009 version of the popular standard. GD&T is a universal design language that has been rigorously studied and applied by manufacturers around the world. It is widely considered by mechanical engineers to be an essential tool for communicating design intent. By providing uniformity in drawing specifications and interpretation, GD&T reduces guesswork throughout the manufacturing process — improving quality, lowering costs, and shortening deliveries. *ASME Y14.5-2009* has been fine-tuned with ease of use and readability in mind. For registration information and other details on the seminar, visit the website <http://www.asmeconferences.org/y145/>

E-MENTORS PROVIDE CAREER GUIDANCE

If you are interested in finding an E-Mentor, visit ASME's E-Mentoring Program on ASME.ORG — <https://secure.asme.org/signin/ementoring.cfm> — and take a look at the various mentor biographies in the E-Mentor database, or search for an E-Mentor by industry or location. E-Mentors in the program represent a wide range of companies and organizations, including Abbott Labs, Boeing, Caterpillar, Cessna Aircraft, Duke Power, Entergy Nuclear, IBM, Lockheed Martin, UPS, Procter and Gamble, the Smithsonian Institute and more. Candidates need to submit an application form and specifying up to three mentors who best fit their career interests. ASME will confirm your membership status and the matching process will begin. Mentors and mentees will be notified by e-mail when their match has been made. ASME has more than 800 mentors who are waiting to help guide students and early career engineers via the Society's E-Mentoring initiative.

VOTE NOW !!

The Future of ASME is in your hands!!!

Names and Bios of Nominees for Society Office for terms beginning in June 2010 are available online at <http://www.asme.org/Governance/Nominating/>. Ballots are included in the September 2009 issue of Mechanical Engineering magazine and are due on or before Oct.23, 2009

You have the power to shape the future of ASME!!

Upcoming Events:

Friday October 30, 2009

7:00 AM Registration

8:00 AM Presentation Begins

AICHE Environmental Breakfast Series- Marcellus Shale Play in Pennsylvania-New Paradigms
for an Old Resource

For more information contact Rao Sankarmanchi @ rao@picsol.com

RSVP to Ashley Boldt, aboldt@hersheys.com or 734-915-0214 by Wednesday, October 28 2009

Wednesday November 11, 2009

Joint meeting with ASM

Dinner Meeting and Technical Presentation

*“From Turbine Blades to Rebar... Why Thermal Spray May Be the Most Flexible Industrial
Coating Technology Available Today”*

Saturday December 12, 2009

Family Night

Hershey Bears Hockey Game

5:30PM Registration, Social and ticket Pickup

7:00 PM Hockey Game

See our Website for more details on upcoming meetings and events