

## Chairman's Outgoing Message

It's hard to believe that this ASME calendar year is already coming to a close. It has been a fantastic year for the Holston Section and with the slate of officers for next year; it looks like we're in store for more of the same. Our section has a strong track record of accomplishment and this year was no exception.



In case you didn't catch some of the great things our section did this past year; I'd like to point out a few... Our section has a couple of firsts this year – it was the first time we sponsored a high school level science bowl, and also the first year we sponsored a community wide ASME Egg Drop Event. Both of these new activities were very successful and we are looking forward to continuing them in the coming year. The science bowl allowed 6 teams from 4 schools in the area to compete and progress to the Tennessee Regional Science Bowl in Maryville. Our section provided three of the schools with fuel cell car kits as an incentive to participate. Some of the high school scholars that participated truly inspired the engineers that participated and further enhanced math and science interest in the community. The community Egg Drop Contest was held at the Kingsport Mall and was a huge success for the Holston Section and our community. This event was supported by several engineering company sponsors, which allowed us to provide \$1200 in prize money to winners and still have a break-even event that provided phenomenal interest in Math and Science in the community. **Continued on Page 4**

## 2007 Young Engineer of the Year Announced

The purpose of the Young Mechanical Engineer of the Year award is to recognize, at a local level, a member of the American Society of Mechanical Engineers (ASME) who has made outstanding contributions to the mechanical engineering profession and the community during the early years of his or her career.



Applicants were judged on ASME Participation, Professional Attainments/Experience, Educational Progress, Community Service, Honors and Awards, and Technical/Professional Societies.

The 2007 recipient of the ASME Young Mechanical Engineer of the Year Award is **David C. Copenhaver**.

David graduated from Virginia Tech in 1994, where he received his bachelor's degree in mechanical engineering. He received his master's degree in mechanical engineering from Virginia Tech in 1996.

David has been a member of ASME for 13 years and has held chair positions in Meeting Arrangements, Publicity, Professional Development, Educational Initiatives, and Programs. He is currently the Secretary/Treasurer of the Holston Section.

He is a registered Professional Engineer in Tennessee and is currently a Senior Mechanical Engineer in the reliability group.

He is a Six Sigma Green Belt and a Certified Maintenance and Reliability Professional. David participated in Process Industry Practices for 4 years and is a former leader of the PIP Piping Function Team. He was also the president of the Eastman Professional Development Club in 2004-2005.

He has worked with Project Create, the United Way Day of Caring, and has served as co-chair of Engineers Week.

*Congratulations to David Copenhaver, 2007 Young Mechanical Engineer of the Year.*

## INSIDE THIS ISSUE

- 1 **Local Section News**
- 2 **ASME Think Tank Summit**
- 2 **GMET Program**
- 3 **ASME Professional Practice Curriculum**
- 3 **ASME/ABET Program Evaluators**
- 4 **2007 IMECE**

## ASME Think Tank Summit to Address Today's Engineering Issues



Held in conjunction with the 2007 ASME Summer Annual Meeting in Toronto, Canada, the Society will conduct its first Think Tank Summit, June 10-11. The Summit, held at the Fairmont Royal York Hotel, will address three issues critical to today's engineers. Panel sessions include "Fruits and Pitfalls of Product Lifecycle Management," which takes a look at the emerging importance of PLM and its impact on product development processes across the value chain to deliver the most business value. "Teaching Women Engineering, A Double Standard?" will look at the pros and cons of a recent report by the National Academies that suggests that colleges and universities are outmoded in their thinking of women in engineering, and "Human Factor Engineering, Designing for the User" will ask the question: Are all products designed with the consumer (human factor) in mind? Designers, critics and the audience will probe into this topic and also take a look at samples products that include the good, the bad, and the ugly. The ASME Think Tank Summit brings together leaders in industry, government, academia and ASME in three 90-minute town-hall-style discussions.

For more details and to registration visit the Web site at <http://www.asmeconferences.org/SAM07/ThinkTank.cfm> or email to [klaskyp@asme.org](mailto:klaskyp@asme.org)

### GMET: A Boon for Global Business Professionals

Engineers, as well as people in many other professions, don't receive adequate training in business and global operations when they are in school. Researches show that there is an unmet demand for knowledge and skills in global business from companies with global operations.

Globalization affects everyone. Production lines are shipped overseas. Many business activities are located off-shored or outsourced. Products are marketed to hundred of countries and regions. Many engineers have to interact, collaborate, coordinate, or lead teams or work forces thousands of miles away, across cultures, and many time zones. Luckily, Globalization also renders engineers unprecedented opportunities. Now you can help your company break into many new markets, but you need the necessary knowledge and skills to fulfill it.

To help engineers and companies cope with these issues, ASME launched a new global training program – **Global Management of Engineering and Technology** (GMET), which covers the knowledge and skills you need to take products and services from design or drawing boards to the placement of goods on the shelves of department stores and super markets worldwide. Each GMET course has eight online modules with lecture notes, case studies, reading materials, online quizzes, a course library, and a class forum where trainees can interact with classmates and the trainer, followed by three-day live in-class training by the chief instructor. It suits a wide spectrum of learning habits, styles, and career paths. ASME has formed GMET global training partners in China, India, Malaysia, The Middle East, and North America. You can access the course materials through the website of ASME and its partners at anytime, and from anywhere throughout the world. For more information, please visit:

[http://www.asme.org/Education/Courses/GMET/Global\\_Management\\_Technology.cfm](http://www.asme.org/Education/Courses/GMET/Global_Management_Technology.cfm)

## Universities Need Your Valuable Perspective!

Applications are currently being accepted 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.

Applicants should:

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

Applications are due by Oct. 15. To complete an application and for more information, please visit [http://www.asme.org/Education/College/ABET/Become\\_Evaluator.cfm](http://www.asme.org/Education/College/ABET/Become_Evaluator.cfm)

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

## FREE Interactive Volumes on ASME e-library!

The library includes general technical volumes, such as Mark's Standard Handbook for Mechanical Engineers and books on specific topics.

To view the complete list of books, and to sign up for this free member benefit, visit <http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>



## Advancing Your Career

The ASME Professional Practice Curriculum (PPC) is an online resource designed to help you advance in the engineering profession by providing guidance and resources on subjects that complement an engineers technical skills.

The PPC consists of 42 modules on topics ranging from product development and writing cost proposals to team building and negotiation. The PPC also provides information on alternative engineering career paths such as patent law, marketing and sales, and entrepreneurship.

To get started, please visit [www.professionalpractice.asme.org](http://www.professionalpractice.asme.org).

## Student Activity Calendar

### June

June 9-14 Summer Annual Meeting (SAM), Toronto, Ontario, Canada

June 10-11 ASME Think Tank Summit

## Early Career Fair in Toronto, Canada

The next Early Career Forum and Fair will be held on June 10 in conjunction with the 2007 ASME Summer Annual Meeting and Think Tank Summit, at the Fairmont Royal York Hotel in Toronto, Canada.

Segments include *Transitioning from Technical to Management*, which will feature three speakers who have made such a transition; *Ethically Speaking*, which will address some of the ethical questions facing engineers in today's workplace; and an open Career Fair, which will place hiring engineering firms with attendees looking for opportunities.

For more information on the Forums and Fairs, and important updates for US Citizens traveling to Canada, visit:

[http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming\\_Events.cfm](http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming_Events.cfm)

For information on the ASME Summer Annual Meeting, visit:

<http://www.asmeconferences.org/sam07/>

## Local Section News Continued...

### 2007 Anniversary Milestones

Holston Section has five (5) members who have achieved significant milestones for continuous membership with ASME and the Holston Section. They are as follows:

NAME	YRS OF MEMBERSHIP
Jesse N Cannon	25
Ned Cox	25
Eric L Hollowell	25
James L Potter	50
Stanley R Scroggin	25

Congratulations to each of these members!

### 2007/2008 Holston Section Officers

- **Chairman** – Ron Dailey
- **Vice Chairman** – David Copenhaver
- **Secretary/Treasurer** – Chris Slaughter
- **Advisor** – Mary Bailey
- **Director** – Jamie Hale
- **Professional Development** – Jason Goodman
- **Membership Development** – Wendy Lick
- **Publicity** – Jay Nelson
- **Education Initiatives** – Brian Watson
- **Industry Relations** – Todd Athon
- **Programs** – Jared Moore
- **Public Information** – Matt Dickerson
- **Honors & Awards** – Larry Carvagno
- **History & Heritage** – Dick Burow
- **Meeting Arrangements** – Marcus Johnson

### ASME/Northeast State News

ASME was recognized by Northeast State as a President's Trust Donator. Jamie Hale and Mary Bailey were there to receive recognition for the Section.



### Chairman's Outgoing Message Continued...

The Holston Section [Communities of Practice \(COP\)](#) is also new this year. This is an online interaction tool open to both members and non-members with links to helpful resources, industry news, and solutions/ideas from peers. You will find the latest newsletter, our section activities, calendar of events, discussion threads and links to other websites.

We held two industry tours and seven monthly meetings, giving our members an opportunity to earn up to four professional development hours (PDH's). Jason Goodman won the attendance award for attending at least 75% of the meetings and contributing to the average meeting attendance of 22 people, and an average tour attendance of 11 people. New at meetings this year were Holston Section History and Heritage questions – allowing members to compete for a free lunch by answering a question from the newsletter... Our section sent out a record 11 newsletters this year to keep members informed ASME happenings at the local and national level.

ASME members participated in Engineers week through school visits and financial support of the E-Week Banquet. Our section brought the short course entitled, *Project Management for Engineers and Technical Professionals* to Kingsport as a beneficial professional development offering to local industry. This course had 13 individuals from three different companies in attendance. We provided \$3,377 to five K-12 schools in our region to enhance math and science education, contributed \$500 to the ETEAC scholarship and awarded the ASME Young Engineer Award to David Copenhaver, a local section member. Our section also was recognized in June 2007 by Northeast State as a President's Trust Donator for two endowed scholarships created in 2006. I would like to thank all of our committee volunteers and ASME member volunteers for their service and time commitments over the past year. All of these things could not have been possible without the dedication of many ASME members.

It has been an honor to lead and be associated with the ASME Holston Section over the past several years, and I would like to thank you for allowing me the opportunity to serve in various capacities. I look forward to seeing everyone again next year and hope you all have a great summer! Thank you for your continued support of ASME and your many contributions to making the Holston Section a leader in the Southeast District F!

Mary Bailey

### Education Initiatives Winners Announcement

The Holston Section has been fortunate to once again sponsor an Educational Initiatives Program in our region. It is the Holston Section's goal to support and promote technical training for students, K-12, so that they may be inspired to pursue a career in a technical field. The issuing of grants to schools in the East Tennessee/Southwest Virginia region is an important part of the program. Grants are awarded to provide additional funding for math and science focused education. As in years past, these grants are being made available to fund or supplement projects that provide further student exposure to scientific and mathematical studies in the classroom where they would not otherwise be provided by the school system. This year, we were able to fully fund five grants for a total of \$3,377. Winning applicants were:

- Jane Carter and Jared Sparks of Castlewood High School
- Kathleen Osborne of Richlands Elementary
- Mary Ann Davis of Carter's Valley Elementary
- Susan Quave of Johnson County Middle School
- Teresa Taylor of Chuckey Elementary School

Congratulations to all our winners and many thanks to all who submitted proposals this year!

### Short Course Recap

In May, the Holston Section was able to, once again, offer a successful continuing education opportunity. Thirteen engineers from three different companies attended "Project Management for Engineers and Technical Professionals." This was a three day course held at the Americourt in Kingsport. Proceeds from the class were used to help fund the section's education initiatives grants that help local schools with math and science.

### May Meeting Prize Winners

Winner of the free dinner for correctly answering this month's Trivia Question was **Anita Bausman**.

Winner of the end of the year Attendance Award was **Jason Goodman**. Jason made it to at least 75% of all the meetings held this year and received a gift certificate from Cheddar's as an award for this accomplishment.

## May Meeting Recap

The Holston Section of ASME met at Eastman Lodge to enjoy a nice meal and hear Thomas Eorgan, Vice President of Marketing for N-Tara, speak on "Emerging Tactics & Technologies for the 21st Century Marketer". Mr. Eorgan has over 13 years of experience in the Marketing and holds a B.S. degree from East Tennessee State University and Masters in Communications from Florida State University. Thomas is a Johnson City native and started with N-Tara in 2002 after an 8-year stint with Country Music Television in Nashville, TN.

N-Tara is a full-service interactive agency specializing in innovative digital media communications and technologies that transform companies by maximizing ROI and establishing market leaders. Founded in 1999 in Johnson City, N-Tara has grown to be a world-class provider of interactive design and technology. N-Tara's creative designs have won numerous accolades in the industry and its technology platforms have been lauded by analysts Forrester and Frost & Sullivan and software maker Adobe Systems. N-Tara serves a wide range of Fortune 1000 leaders, including Xerox, Lexmark, GE, Cingular Wireless, Microsoft, Eastman Chemical, and Siemens.

Mr. Eorgan explained during the first half of his presentation about computer lingo and definitions, BLOG software, as well as computer companies utilizing the web to market services in the 21<sup>st</sup> Century. The second half of Mr. Eorgan's presentation focused on "BLOGS" and how they are useful to new and old companies due the shift in marketing tactics, consumer preferences, and advertising media.

N-Tara uses data from various consumer databases and charting to trend shifts in advertising markets and consumer preferences. This data is shifting how companies utilize their ever shrinking advertising budgets to get the most "bang for the buck".

"BLOGS" were explained as a way to create a buzz for a new product coming to market as well as inexpensive way to get a name of a new product into the consumer's head. Mr. Eorgan showed and explained how easy it is to start a "BLOG" with the use of different software and the steps required to maintain and promote your "BLOG". Most attendees of this presentation had little experience in the aspect of the Internet and Web Surfing.

One (1) hour PDH certificates were awarded to attendees of this presentation.