



# Section News

February 2007

## Central Ohio Section Executive Committee

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### **Chair of OSU Student Section, 2006-2007**

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The Ohio State University  
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## Chairs Message

Hello everyone,

In case you were wondering, we are still around although quiet. We are working to find new programs to offer you although our abilities to organize these have been challenged. Our executive committee is in need of help and ideas! There are several great initiatives ASME has challenged the local sections to get involved with but we need your help. I encourage all of you to consider how you can support the section. Contact any of the officers for more information.

But while we have been lying low, I want to recognize the achievement of Steve Hart from the student section at OSU. He recently gave his Old Guard presentation at the IMEC in Chicago for the national competition and won! Read more on this in the newsletter.

We are also looking forward to a new set of presentations this month by the students with anticipation that they achieve similar success in the regional and national competition. We hope you will take advantage of this opportunity to listen to some of the research the students are involved with as well as meeting your fellow Mechanical Engineers. Watch your email for more details

Greg Soller, PE, PMP

Chair  
Central Ohio Section

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## ASME To Hold Three Industry-Focused Conferences on Biotechnology

Leaders in the science and engineering communities will assess the latest technology in bioprocess engineering, biomechanics and medical devices and instrumentation at three ASME conferences in June 2007.

The ASME Bioprocess Technology Seminars and Exhibits will be held June 4-6, 2007, at the Radisson-Dublin St. Helens Hotel in Dublin Ireland. The second conference, Frontiers in Biomedical Devices 2007, is scheduled for June 7-8, at the Hyatt Regency Irvine in Irvine, Calif. The 2007 Summer Bioengineering Conference will take place June 20-24, at the Keystone Resort and Conference Center in Keystone, Colo.

The three conferences will examine the progress and future directions in biotechnology research, and provide practitioners with the latest tools and training to advance commercial applications in the field. ASME's objective in presenting the conferences is to provide the fast-growing biopharmaceutical industry with useful resources to solve technology challenges.

For more information, visit:

[http://www.asme.org/Communities/Technical/BPE/Bioprocess\\_Activities.cfm](http://www.asme.org/Communities/Technical/BPE/Bioprocess_Activities.cfm)

## Call for Nominations: 2007 Old Guard Early Career Engineer Award



Recognize an outstanding early career engineer actively involved in their profession, their communities, and the work of the Society. Submit Nominations Today! Visit <http://files.asme.org/asmeorg/Communities/EarlyCareer/8026.pdf> for more details. The deadline for all nominations is March 1, 2007.

## 2007 Leadership Training Conference is Connecting Communities

Plan on attending the 2007 Leadership Training Conference (LTC) to be held at the Wyndham Greenspoint hotel in Houston, Texas from March 2-4, 2007. The theme of this year's LTC is "Connecting Communities," and its purpose is to provide ASME members soon to become unit leaders an opportunity to develop their leadership knowledge and skills, share best practices, form partnerships with other units, and focus on critical issues important to the success of the Society.

The LTC will provide:

- A first-time-unit-leader workshop – the basics
- An overview of the Society's organization, activities and resources
- Information and methods to help leaders succeed in leading an ASME unit
- An opportunity to network with other leaders and ASME staff
- A forum for interchange of ideas and development of program plans

One of the goals for LTC is for each participant to formulate a plan for briefing their units on the information learned at LTC, so you may be hearing more about it at a section meeting soon.

LTC is open to leaders throughout ASME who are invited by their sector leadership to attend. Also attending the LTC will be a special contingent of Early Career Engineers and students, whose presence will add extra excitement to the conference. If your section hasn't yet selected a delegate, or you'd like an additional member to attend, please contact your District leader as soon as possible.

For additional information on LTC, visit:

<http://www.asmeconferences.org/ltc07/index.cfm>

The Fellow Grade recognizes significant engineering achievements and contributions to the engineering profession. ASME takes great pride in its Fellows Program and encourages the nomination of ASME members to Fellow Grade. Any ASME member can submit a nomination for Fellow.

For additional information on ASME's **Fellows Program** visit:

<http://www.asme.org/Governance/Honors/Fellows/Fellows.cfm>

## Test Your Knowledge of the ASME e-Library and You May Win a Prize!

Enter the ASME E-library Challenge and test your research abilities! The Challenge has 3 to 5 questions which can be answered by using the resources in the ASME e-library. Prizes include American Express gift cards and ASME membership renewals.

The Challenge will be held from Feb. 19 to March 19, 2007. There are separate versions for members and students and winners will be chosen from entries that have all questions answered correctly.

Not familiar with the ASME e-library? It's a collection of 75 interactive technical references, available free to members. Use it anytime for answers to your technical questions, 24/7, anywhere you have an Internet connection.

To find out more about the library – or to sign up and login, just go to <http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>

To enter, choose either the member or student edition.  
Member:  
[http://info.knovel.com/ASME/ASME\\_professional\\_quiz.htm](http://info.knovel.com/ASME/ASME_professional_quiz.htm)  
Student:  
[http://info.knovel.com/ASME/ASME\\_academic\\_quiz.htm](http://info.knovel.com/ASME/ASME_academic_quiz.htm)



## 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.

Currently, the 5 modules in the Career Transition Series are free of charge. ASME members additionally have access to the following 4 modules through the [Members Only](#) website:

- Introduction to Intellectual Property (Business & Legal Series)
- Leadership Styles and Attributes (Management & Leadership Series)
- Effective Technical Presentations (Communications Series)
- Product Management (Product Management Series)

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

## Poster Series Now Available!

ASME's poster series highlighting the achievements of African American engineers and inventors is now available for purchase through ASME. The poster series contains ten posters, measuring 14-by-18 inches, each displaying a picture of an African American engineer or inventor and information about their work. Poster sets can currently be purchased for \$20 a set for members and \$24 for non-members.

Contact the ASME Information Central at 1-800-THE-ASME (843-2763) and request product #AAI497. Product Catalog Item: 1997 African American Engineers and Inventors Posters  
[http://www.asme.org/Communities/Diversity/African\\_American\\_Engineers.cfm](http://www.asme.org/Communities/Diversity/African_American_Engineers.cfm)

## Student Activity Calendar

### March

March 2-4 Leadership Training Conference (LTC),  
Houston, Texas

March 23-27 International Mechanical Engineering  
Education Conference

### April

April 17-29 2007 Design of Medical Devices  
Conference

April 30-May 3 Offshore Technology Conference  
(OTC)

## Call for Submissions: The Local Scoop!

Share your good news! ASME's Strategic Communications Committee, within the Center for Public Awareness, wants to publicize and celebrate noteworthy events and/or success stories that have occurred within your District or Sections!

If your District or Sections are planning or have completed some event or activity that you would like to share with the general ASME membership, contact Marina Stenos at [stenosm@asme.org](mailto:stenosm@asme.org). You can either provide the information directly, or give us a contact person and we will follow up.

## Local Section

### Old Guard Oral Competition

The Old Guard Oral Competition is held every year to promote student involvement in all ASME activities and to help young engineers with their professional development. The competition is held at the end of February. The Local Central Ohio Section and Ohio State University Student Section Executive Committee collaborate to organize a formal evening of dinner and technical presentations from the students.

Last year's winner was Stephen Hart, who beat four classmates to win the top cash prize, in what the judges felt was a strong competition. Just to prove it wasn't luck, Stephen went on to compete in the Regional Competition hosted in Michigan, and won that one too. He then completed the hat-trick by competing at the National Competition, and again coming out on top. Congratulations Stephen! This will be a tough act to follow, but we are expecting another evening of high quality presentations from the students.

## Local Section

### Old Guard Prize - Oral Presentation The Ohio State University Student Section



The Old Guard Competition allows young engineers to develop their professional skills by competing against peers in a technical speaking competition. Cash prizes are offered of \$200, \$125 and \$75 for the best presentations.

The Central Ohio Chapter of ASME will be hosting the Old Guard Competition for Oral Presentations on Wednesday, February 28th, 2007. All ASME members and guests are invited to attend to watch the contest and meet with peers and students.

The competition will be held at the Fawcett Center on the OSU Campus, 2400 Olentangy River Road. Dinner will start at 6pm, followed by presentations by the student engineers. This is a great opportunity for young and old to network and share experiences.

Cost of the dinner will be \$15 for members and FREE for students. There will be no charge for judges!!

Please RSVP by February 26<sup>th</sup> by email at [program@centralohioasme.org](mailto:program@centralohioasme.org) or contact Parimal More by phone at 614-761-1214.

To learn what the competition is all about at the ASME website;  
[www.asme.org/Events/Contests/Old\\_Guard\\_Prize\\_Oral.cfm](http://www.asme.org/Events/Contests/Old_Guard_Prize_Oral.cfm)

## Local Section

### Central Ohio Section Activity Support Opportunities:

**BOY SCOUTS ENGINEERING MERIT BADGE COUNSELOR** - ASME and the Boy Scouts of America signed an Agreement of Affiliation, whereby both organizations will work together to promote technological literacy. For those of you already actively involved with Boy Scouts of America, the Central Ohio Section is available to support your efforts through sponsorship and other support.

**K-12 PROGRAM PLANNING** - Help plan and present workshops that will be valuable to middle school science, math and technology teachers.

**PROFESSIONAL DEVELOPMENT TUTORIAL** - Demonstrate your knowledge and deepen your experience by putting together a small tutorial on any technical topic your fellow mechanical engineers will find beneficial. The Central Ohio Section will support your endeavor, covering all your expenses and arrange for appropriate classrooms and equipment as well as promoting the event.

**INDUSTRY TOUR SPONSOR** - Show off your company and technical expertise by sponsoring an industry tour for the Central Ohio Section