

---

---

**ASME Cleveland Section - April Program**

*12<sup>th</sup> Annual ASME Cleveland Section History & Heritage Meeting and Awards Banquet  
The History and Operation of Bridges on the Cuyahoga River*

**Where:** Massimo da Milano  
1400 West 25<sup>th</sup> Street  
Cleveland, OH 44130

**When:** Tuesday, May 6, 2008

**Time:** 5:30 – 8:30 P.M.

**Schedule:** 5:30 – 6:00 Social Mixer  
6:00 – 7:00 Buffet Dinner  
7:00 – 7:30 Awards Ceremony  
7:30 – 8:30 Presentation

**Dinner Menu:** Chicken Milanese/ Italian sausage/ roasted potato/ pasta with marinara and alla olio sauces/  
pizza/ mixed vegetables/ salami & cheese triangles/ cucumber and tomato salad/ mixed green  
salad/ freshly baked bread/ coffee & soft drinks/ pastries & cookies

**Cost:** Members - \$10 / Non-Members - \$15 / Student Members - \$5

**Registration:** **Registration deadline is Tuesday, April 29, 2008 to finalize count for dinner. Only prepaid reservations will be accepted.** Please send check payable to “ASME Cleveland Section”, to our treasurer Brad Pausche, 5750 Creekside Lane, North Ridgeville, OH 44039. Contact Brad at 440-781-9523 (cell) or [bradpausche@yahoo.com](mailto:bradpausche@yahoo.com) with questions or to confirm your reservation. Please include the names and member status of attendees in the envelope with your check.

**Parking:** Free parking is available in Massimo da Milano’s parking lot.

**Program Details**

**Presenter Craig Strong: Director of Public Information/EEO for the Cuyahoga County Engineers’ Office.**

Craig Strong will present a tour of bridges down the Cuyahoga River. The presentation will include information on the history and operation of these bridges. Craig will also present information on the repairs being made to the Main Avenue Bridge (Route 2) and discuss how they relate to the collapse of the I35 Bridge over the Mississippi River in Minneapolis.

**2007 – 2008  
ASME OFFICERS &  
COMMITTEE CHAIRS**

**Chairman:** Anthony Nerone  
(216) 433-5119

**Past Chair:** Steve Weiler  
(330) 558-3919

**Secretary:** Brad Pausche

**Treasurer:** Brad Pausche  
(330) 558-7211

**College Relations:**

Ed Lewandowski: (216) 433-5525

**Newsletter:** Doug Wright  
(440) 582-8077

**Programs:** Mike Sturdevant

**Vice Chair:** Ed Lewandowski

**Minorities & Women:**

Maria Havenhill

**Scholarship:** Jim Green  
(330) 558-7151

**Web Master:** Doug Wright  
(440) 582-8077

See the e-version of the Newsletter on the Section Web Site for the following articles: (<http://www.asme.org/sections/cleveland>)

More articles and news in the e-version newsletter.

## 2007 / 2008 Changes

Note that group of officers and committee chairs for 2007 / 2008 has changed very little.

In other news there will be NO printed newsletter this year. There may be a post card mailing in January of 2007. The only way to get the local newsletter will be on line or via e-mail. See the note below if you are truly computerless.

---

## Attention Computerless Members!

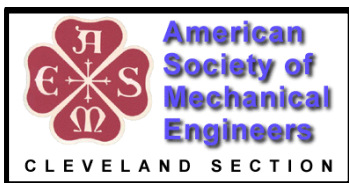
Due to rising costs and tighter budgets there will no longer be print versions of the newsletter. You are encouraged to read the electronic version of this monthly newsletter at <http://sections.asme.org/Cleveland/>. You must contact ASME customer service at 1-800-THE-ASME (843-2763) and give them an e-mail address so that you can receive e-mail notifications that the monthly newsletter is available for viewing on the section website.

Newsletter Deadline for NES, Features or Advertisements is the 20<sup>th</sup> of each month.

## Membership Applications for ASME Organization

Cleveland Section ASME members are encouraged to invite their nonmember colleagues to join ASME. Applications can be downloaded from the ASME International website @ <http://www.asme.org/jointoday/>

Printing by Graphic Gallery Quick Print (216) 362-6233



The American Society of Mechanical Engineers  
Cleveland Section  
3100 Chester Avenue  
Suite 216  
Cleveland Ohio 44114-4683

Dated material  
Do not delay!

**ASME Cleveland Section**  
**Executive Board Meeting**  
**March 18, 2008 5:45 p.m.**  
**Flat Iron Café, Cleveland**

Attendees: Tony Nerone, Larry Gradwell, Maria Havenhill, Ed Lewandowski, Carrie Green, Ernest Buehman, Jason Fugitt

**1. Treasurer's Report**

- Tony reported that an additional deposit had been made toward the History and Heritage program in May.
- Tony confirmed that all voluntary ASME membership contributions have been returned to the section. Brad would like to thank the section for an additional \$544 toward the miscellaneous fund.
- Tony motioned to accept the report. Larry seconded the motion. All were in favor.

**2. Website**

- Doug Wright is working hard on the website.

**3. Programs**

- The Crawford Museum program is scheduled for this weekend.
  - Thirteen participants have signed up to date; a total of thirty slots are available.
  - Refreshments will be provided.
  - Cost to attendees is \$10.
- Tony noted that no programs have been scheduled in April. Any suggestions would be greatly appreciated.
- The History and Heritage program will held in May at Mossimo di Milano.
  - Cost delegation is as follows: \$10 for members; \$5 for students, \$15 for guests.
  - Fliers will also be distributed at Cleveland State University. Jason reported that an invitation will also be included in the monthly student newsletter and posted on the ASME office door. It was noted that civil engineering students may be interested in this event to supplement their senior design projects.

**4. Elections**

- Tony confirmed that elections are required per the ASME section bylaws.
  - A notice will be issued in the upcoming newsletter instructing members to e-mail their votes to Tony.
  - The History and Heritage position currently lacks a nominee.

**5. LTC – March 6-9, 2008 in Atlanta**

- Ed and Carrie provided a report on the Leadership Training Conference activities.
  - Both delegates attended the LTC kickoff presentation, where a total of 327 attendees from diverse backgrounds were recognized. Speakers emphasized the importance of customer relations, program agility, volunteer recruitment and the ASME mission statement. ASME restructuring efforts were also noted. An Alaskan sub-section representative complained about not receiving funding from their particular section.
  - Ed and Carrie reported on the various training sessions that were held throughout the conference. A general emphasis was placed on understanding the needs of individual sections and utilizing appropriate communication tools, including the ASME website, Facebook, Communities of Practice (COP) and the newsletter.
    - Ed recommended developing an abbreviated newsletter format to highlight important activities, with links to more detailed event descriptions.
  - Several sessions focused on the importance of developing quality programs.
    - Experienced planners highlighted the popularity of energy topics (i.e. water turbine experts), new construction tours, generic Finite Element Model (FEM) courses, certification courses and family friendly events.
    - General cost guidelines include maintaining tickets to less than \$100 a piece and/or using the price of a movie ticket as an effective benchmark.
    - Surveys were referenced as a critical tool to monitor section interest, although response is generally light.
    - A best practices session identified many of the successes and failures of various programs across ASME; this data would be very useful for future event planning purposes.
    - Based on the historical popularity of brewery tours, Tony suggested repeating the Great Lakes Brewery event in June.
  - Ed attended a session that focused on business models across ASME.
  - Carrie attended a session that allowed participants to plan a mock event.

#### **6. Science Fair Judging – Ed Lewandowski, Mike Sturdevant**

- Ed reported that science fair judging was a success. Award invitations will be sent to the winners.
- Jason offered the services of the student section for future science fair activities (set-up, etc.)

#### **7. 2008 ASME District B Section Leaders Conference – Larry Gradwell**

- The conference is currently scheduled for Saturday, April 19, 2008 in North Canton, OH on the campus of Stark State College of Technology.
- Larry reported that an agenda had been issued. The facility tour will be taking place on Friday, with the district meeting planned for Saturday.
- Cost to participants is \$15; however, the section will provide reimbursement.

#### **8. Section CD Renewal - Brad**

- Tony asked the section whether the interest from the expired CD should be deposited into checking or rolled into a renewed CD.
- Maria motioned to renew the CD with interest in the highest rate CD (6 month 2.75%). Larry seconded the motion. All were in favor.

#### **9. Cleveland State Student Section**

- Jason Fugitt from the CSU student section provided a report on recent student activities. A presentation on the principles of wind turbine bearing design was successfully held in conjunction with the Canton Alliance Massillon (CAM) section at the 256 Bomber Group in Akron. The event attracted 46 attendees and provided students with networking opportunities. One student was offered an internship following the presentation.
- A Cleveland State University professor (Dr. Poulos) has also expressed an interest in helping the section with a sustainable energy presentation.
  - The speaker has experience with several solar design patents and wind turbine research.
  - Tony suggested holding a joint program with the student section. A Professional Development Hour (PDH) certificate could be supplied to attendees.
- Jason reported that the student section is attempting to become more involved after four years of inactivity.
  - ASME-sponsored senior design projects have been the primary means of recruiting students. Current ASME members have been recruiting from the SAE Baja Team. Membership this year has increased to 43 students.
  - Tony volunteered the speaking expertise of the Cleveland section for future student programs.
- Jason invited members of the Cleveland section to the upcoming Section B student leadership conference and design competition at Carnegie Mellon University in Pittsburgh.
  - A sponsorship may be available pending receipt of a proposal.
  - \$250 has already been allocated for the Human Powered Vehicle (HPV) design project.
- Jason mentioned that T-shirt and sweatshirt sets are currently being sold by the student section. The shirts include the ASME and Fenn College of Engineering logos.

#### **10. New Business**

- Nominees for the upcoming two-year District B Leader position were discussed.
- A recommendation will not be made until members of the executive board have cast their votes.

#### **11. Old Business**

- None reported.

#### **Action Items**

None reported.

## 2008-09 Elections

The following list of positions contains candidates for each position that were nominated by the membership. Votes for any of the candidates can be made by emailing the Cleveland Chair at [tnerone@yahoo.com](mailto:tnerone@yahoo.com), at one of the section board meetings, or at the upcoming History and Heritage event. Votes must be received by May 31<sup>st</sup>. If you are interested in any position that does not have a nominee please contact the chair at the above email address.

### *Executive Committee Officers*

**Chair—Ed Lewandowski**

**Vice Chair—Brad Pausche**

**Treasurer—Steve Weiler**

**Secretary—Carrie Green**

***Other Support Committee Chairs***

**Bd of Diversity & Outreach Rep**

**College Relations**

**Government Relations**

**History & Heritage—Tony Nerone**

**Honors & Awards—Jim Green**

**Industry Relations**

**Member Interests**

**Membership Development**

**Minorities & Women—Maria Havenhill**

**Newsletter Editor—Doug Wright**

### *Nominations*

**Past Chair—Tony Nerone**

**Prof. Practice & Ethics**

**Pre-College Education**

**Professional Development**

**Programs—Mike Sturdevant**

**Public Information**

**Satellite Programs**

**Section Special Assignment**

**Scholarship**

**Technical Activities**

**Member At Large**

**Unemployed Member Coord.**

**Webmaster—Doug Wright**

**Young Engineers Programs**

## **PREPARE FOR TOMORROW'S ENGINEERING CHALLENGES - TODAY!**



The 2008 ASME Annual Meeting will be held June 7-11, at the Walt Disney World Swan & Dolphin Resort, Lake Buena Vista, Fla. The theme of this year's event is "Innovative Partnering: Interdisciplinary Challenges to Designing the Future." The 5-day event will feature three plenary sessions, moderated by Michael Rogers, futurist-in-residence at the New York Times Company, with panelists of senior executives from such companies as Boeing, IBM and Westinghouse Electric. There will also be a broad range of workshops led by top executives, academics, futurists and venture capitalists as well as professional development and training opportunities including a Career Expo. Also, enjoy a golf outing and a charity 5K walk/run.

To learn more and register, go to [www.asmeconferences.org/annualmeeting08](http://www.asmeconferences.org/annualmeeting08).

### **Thinking about your career? Visit ASME's Career Center!**

Are you thinking about making some major career changes? Perhaps you are looking for a new job, finding out what you are worth, raising your profile at work or networking with other engineers to expand your career opportunities? ASME can help you energize your career this year with a variety of member benefits.

Find a job, build your resume or get advice at ASME's Online Career Center, the only job board dedicated exclusively to Mechanical Engineers. Find out what you're worth by taking the ASME Salary Survey, and get a basic report on how your salary compares to other engineers in your region, field or experience level.

Visit the ASME Career Center at <http://www.asme.org/Jobs/> for more information.



Undergraduate/Graduate student teams wanted! Innovative, creative, entrepreneurial students enrolled during the Spring 2008 semester are need for participation in the 2008 I•Show, (held in conjunction with the ASME International Mechanical Engineering Congress & Exposition.

Striving to produce the next "big thing," participating student teams work to develop technologies and innovations with raw enthusiasm and commitment. Once those innovations are fostered, the student teams are eager for the next step: product assessment and commercialization.

#### **We've Got Your Back**

I•Show provides the full experience of technology product commercialization, bridging the gap between engineering school practicum to business school theories. In partnership with the National Collegiate Inventors and Innovators Alliance (NCIIA), successful teams will attend *Invention to Venture* workshops and learn about technology commercialization and business plan development.

Additionally, teams will be matched with local entrepreneurs and experts based on their areas of expertise to help refine their product, develop a business model and elevator pitch.

#### **Your Reward – Access to Over \$20K in Seed Funds**

Ultimately, successful teams will compete at I•Show 2008 in Boston, Mass., presenting their technological innovation to a judging panel of successful innovators, industry experts, venture capitalists, and intellectual property specialists. Focusing on product innovation and commercialization, teams with the most creative yet feasible ideas will be rewarded with industry recognition and seed funds.

The deadline for the Team Application Process is **April 15, 2008**. Visit [www.asme.org/events/ishow](http://www.asme.org/events/ishow) for complete details.

## Thomas Loughlin Selected as next ASME Executive Director



Thomas G. Loughlin, who has served as ASME's Deputy Executive Director since 2005, has been selected by the Board of Governors to succeed Virgil R. Carter, who will retire on July 2.

A leader in association management with a strong track record in strategic planning and organizational assessment, Loughlin has had a leading role in the implementation of the Society's balanced scorecard system for addressing the Society's strategic and operational goals.

Loughlin joined the ASME staff 1993 as the director of Member Services, where he was responsible for managing membership growth and retention programs. Loughlin then served as managing director of Member Affairs for four years before being promoted to the position of managing director of Engineering. It was in this position where he played a key role in ASME's Continuity and Change reorganization initiative. The assessment subsequently led the Society to develop a new organizational model.

In his current role, Loughlin helps to manage the Balanced Scorecard system, which addresses the Society's strategic and operational goals. He is also charged with managing ASME's Engineering & Technology Enterprise section, including the Knowledge & Community, Institutes, the Centers Sector and Codes & Standards.

Loughlin, a certified association executive, received his bachelor's degree in mechanical engineering from Lafayette College in 1983. He holds five patents, and was named winner of the American Society of Association Executive's Keystone Award for Excellence in Membership.

## 2008 LTC, another Successful Gathering!



More than 350 volunteers and staff members attended the 3rd annual ASME Leadership Training Conference (LTC) from March 7-8 in Atlanta, Georgia and were provided with up-to-date information about the Society and the resources available for day-to-day unit operations, training on new skills, and networking opportunities with fellow ASME leaders at this high-energy event.

All of ASME's sectors were represented, including 5 Affinity Groups, 93 Sections, 40 and Student Sections, 29 Technical Divisions, 2 Institutes, Centers, Codes & Standards, Strategic Management, Volunteer Orientation and Leadership Training (VOLT) Academy, and the Board of Governors (BOG). Delegates traveled from all over the United States and 17 other countries, representing all ASME Districts. Sixty students attended a parallel Student District Operating Board (SDOB) conference held in conjunction with the LTC.

The LTC opened Friday morning with introductions of delegates from around the world and throughout the Society, remarks from ASME President Sam Zamrik, ASME President-Elect Tom Barlow, and Executive Director Virgil Carter, and a presentation of ASME's Big Picture by Knowledge & Community Managing Director Burt Dicht. Over the next two days, delegates attended over 30 workshops as well as an abundance of networking events, including an *Idea Mart*. At this exhibit-style session, delegates spoke directly with staff and other volunteers and learned about ASME departments and discuss options for support and collaboration with their unit. As with the previous conferences, many of the delegates left with positive thoughts.

"I learned available resources and how to access them, said one delegate. "This will be my reference material for the future." "I got self satisfaction, reasons to tell and convince everybody why they should get involved in ASME, said another delegate."

LTC 08 Co-chairs Jack Whitehead and Betty Bowersox wish to thank the more than 70 volunteers and staff members who helped organize and conduct the LTC. If your section sent a delegate, talk to them about implementing the lessons learned at LTC. If you weren't able to come this year, plan early for March 2009, and don't miss out!

## **TURBO EXPO 2008 – BERLIN**



Plan now to participate in ASME Turbo Expo 2008, to be held June 9-13, at the Estrel Berlin Hotel & Convention Center in Berlin, Germany. ASME Turbo Expo brings together the best and the brightest in the worldwide gas turbine community to present the newest developments and discuss global issues affecting the industry. The conference will feature an expanded 5-day Technical Congress with sessions, tutorials and panel discussions, and a 3-day exposition showcasing the products and services of engine manufacturers, software developers, research laboratories, and other firms in the worldwide power industry. Presented by the ASME International Gas Turbine Institute, Turbo Expo will include a keynote session with industry leaders and several facility tours of companies located in the Berlin area. Online registration for Turbo Expo 2008 is now open. For more details, visit the Web site at <http://asmeconferences.org/TE08/index.cfm>, or call 800-843-2763.

### **Inspiring Engineering Diversity**

Engineer Your Life (EYL) and the National Association for College Admissions Counseling (NACAC) are teaming up with ASME at dozens of college fairs for high school students throughout the United States. The EYL campaign has developed, tested and is now providing messages and materials to promote engineering to college-bound high school girls. Volunteers are encouraged to become part of the campaign by participating in the fairs. EYL fair exhibits are designed to break down commonly held perceptions about engineering and encourage girls to consider it as a college and career option. Interested in helping out? Contact Marina Stenos at [stenosm@asme.org](mailto:stenosm@asme.org) for more information.

### **Join us for the 2<sup>nd</sup> Annual European Bioprocess Technology Seminars and Exhibition in Stockholm!**

Plan to attend the 2<sup>nd</sup> Annual European Bioprocess Technology Seminars and Exhibition from June 23-25, 2008 in Stockholm, Sweden! Featuring 6 cutting edge seminars, this conference will provide in-depth coverage of timely industry topics such as bioreactor design, purification process development, aseptic fill and finish, equipment design, disposables technology and systems maintenance and operations.

Each seminar is lead by a panel of industry experts who will discuss the latest advances, case studies and best practices. The expert panel will include representatives from Amgen, Biogen, GE Healthcare Life Sciences, CRB, ABEC, LifeTek Solutions, Baxter, Fluor Corp, Merck and many more.

The conference will also include a keynote, tabletop exhibits, plant tours and opportunities for networking!

Sponsorships are also available. For more information on the European Bioprocess Technology Seminars, visit [www.asmeconferences.org/bioprocessEurope08](http://www.asmeconferences.org/bioprocessEurope08) or contact Jennifer Delda, program manager at 212-591-7108 or [deldaj@asme.org](mailto:deldaj@asme.org)

### **The ASME Volunteer Opportunities Bulletin Board**

(VOBB) is a tool designed to help volunteer leaders promote local Section and Society-wide volunteer positions. It is also used to help link volunteers with opportunities for involvement in all areas of the society. Opportunities for involvement include standards development, pre-college outreach and educational activities, government relations, and the development of new products, programs and more.

Volunteer leaders are encouraged to use the VOBB as a recruitment tool. If your ASME group is looking for a few good volunteers to share their passion and make meaningful contributions, contact Deidra Hackley at [hackleyd@asme.org](mailto:hackleyd@asme.org) or visit [http://volunteer.asme.org/vobb/Post\\_Volunteer\\_Opportunity.cfm](http://volunteer.asme.org/vobb/Post_Volunteer_Opportunity.cfm). For more information on posting or applying for a position on the VOBB visit <http://volunteer.asme.org/> or e-mail [bookert@asme.org](mailto:bookert@asme.org).

## The ASME Foundation Announces Four New Scholarships



### ***Allen Rhodes Memorial Scholarship \$1,500 (1 award)***

This scholarship is in memory of Allen Rhodes, the youngest president of ASME and a former chair of The ASME Foundation. One award will be given each year in 2008, 2009 and 2010 to a deserving mechanical engineering student, who has a specific interest in the oil and gas industry, with preference given to applicants enrolled at Villanova University.

### ***The ASME Foundation Hanley Scholarship \$2,500 (1 award)***

This scholarship is funded by the Mary Hanley Trust to provide scholarship funds for financially needy students pursuing an undergraduate degree in mechanical engineering.

### ***Willis F. Thompson Memorial Scholarship \$5,000 each (3 awards)***

Mary Evans Stowell Thompson, a founding member of the ASME Foundation Archimedes Club, bequeathed a scholarship fund “. . . in memory of my late husband Willis who played a vital and instrumental role in the conception and development of the United Engineering Center in New York City, and in recognition of my late husband’s lifelong interest and services in many capacities to ASME.”

### ***The ASME Virginia Tech Memorial Scholarship (1 award)***

This is a scholarship in recognition of the tragic events that took place on April 16, 2007 at the campus of Virginia Polytechnic Institute and State University. The goal is to remember the fallen and honor the living victims through a yearly award toward graduate study in the College of Engineering.

Awards recipients for any of the above scholarships may be selected on the basis of scholastic ability and the potential contribution of each recipient to the field of mechanical engineering. Enrollment in an ABET accredited program may be a requirement for eligibility as is ASME membership, and some awards may be limited to graduate students. For complete details on the requirements for each ASME award, visit <http://www.asme.org/Education/College/FinancialAid/>

### **Early Career Grant Funding Available**

Submit an application **today** to receive additional funding for your district-held Early Career Technical Conference and/or Early Career Forum for your units or sectors. Complete details for both grants can be found at <http://www.asme.org/Communities/EarlyCareer/>.

The deadline for applications is **April 15, 2008**.  
Contact: Cheryl Hasan [hasanc@asme.org](mailto:hasanc@asme.org) for more information.

### **Become A Mentor Today! Ementoring Opportunities for Early Career Engineers.**

Mentors are a great way to gain knowledge and learn from the experiences of experts in your field. ASME offers an e-mentoring service right at your fingers!

To learn more and sign up for mentors, log onto [http://www.asme.org/jobs/mentoring/Ementoring\\_Early\\_Career.cfm](http://www.asme.org/jobs/mentoring/Ementoring_Early_Career.cfm) or contact Noel Netel at [neteln@asme.org](mailto:neteln@asme.org).