



# Washington DC Section Newsletter



## February 2009

**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

<b>Chairman</b> Rattan Tawney 301-228-8820 rtawney@bechtel.com	<b>Vice-Chairman</b> Rafael Mandujano 202-558-7959 mandujanor2@asme.org	<b>Treasurer</b> Boris Ciorneiu 703-444-9099 ciorneiu@netzero.com	<b>Secretary</b> M. A. Siddiq Qidwai 202-767-1466 muhammad.a.qidwai@saic.com	<b>Executive Advisor</b> I. Eronini 443-885-3868 eronini@eng.morgan.edu
---	--	--	---	--

## March 12, 2009 ASME Washington Fellows

Joseph D. Wendler, P.E. (Department of Commerce)  
Dr. Martin C. Edelson (Congressional Staff)

**Date:** Thursday, March 12  
**Time:** 6:30 p.m. Cash bar  
7:00 p.m. Dinner  
8:00 p.m. Presentation  
**Place:** Gordon Biersch Restaurant  
900 F Street NW  
Washington D.C.  
**Price:** \$24.00 per person

**Menu:** Choice of  
(1) Roasted Turkey and Swiss Cheese  
(2) Grilled Chicken Cashew Salad  
(3) Linguine Marinara  
(4) 10-oz. Gordon Biersch Cheeseburger  
All choices include Carrot Cake, unlimited soft drinks, tea and coffee.

**Program:**  
Each year we have a dinner meeting with our ASME Washington Fellows who are assisting the government in analyzing technical issues. They give us some insights into what really happens when they bring some engineering thinking into the process.

Joseph D. Wendler, P.E. is assisting the Department of Commerce in analyzing policy issues. These include the

Smart Grid and standards for fourth generation nuclear power plants. Before his Fellow assignment he was Staff Engineer at ASME headquarters in New York.

He analyzed 40 industry standards, including ones for mobile cranes. Before that he was a Project Engineer at Container Testing Laboratory in Mamaroneck, New York. He holds a BSME from Syracuse and an MBA from City University of New York. Dr. Martin C. Edelson is on the Congressional staff. As we go to press, he is still in the process of selecting his assignment. Before his fellow assignment, he was Program Manager of graduate fellowship programs in the computational sciences at Krell Institute in Ames, Iowa. Before that, he led studies at the Ames Laboratory, a DOE lab on the Iowa State University campus, and also had an adjunct appointment in the ISU Mechanical Engineering Department. He received his B.S. in Chemistry and his M.A. in Physical Chemistry from the City College of New York. He holds a Ph.D. in Physical Chemistry from the University of Oregon. Currently he chairs the ASME Environmental Engineering Division.

**Registration:** To make reservations, contact ASME Washington DC Section Executive Secretary Andrea Gironda by telephone (703-489-9503) or e-mail [agironda@verizon.net](mailto:agironda@verizon.net) by March 5.

**Directions:**  
The restaurant is located near the Spy Museum at 9th and F Street NW, near the Gallery Place Metro stop. There may be parking available on the street after 6:30 p.m.

## DCCEAS

### Washington DC Engineers Week 2009 Activities DC Council of Engineering and Architectural Societies

#### Engineers & Architects Day Luncheon

**Wednesday, 25 February 2009, 11:30 am**

Join us to proclaim Engineers Week in the Washington DC area! Luncheon speaker: Mr. Brendan Owen LEED AP, P.E., Vice President LEED Technical Development – U.S. Green Building Council

Pier 7 Restaurant

650 Water St SW, Washington, DC, 202-554-2500  
Complimentary 3 hours of parking, or walk from the Waterfront Metro Station.

*TICKETS: \$25.00 PER PERSON*

#### Awards Banquet

**Saturday, 28 February 2009, 6:30 pm**

Lincoln Ballroom at Crowne Plaza Hotel  
8777 Georgia Avenue, Silver Spring, MD 20910  
4 Blocks from the Silver Spring Metro Station.  
Free parking behind the hotel.

*TICKETS: \$45.00 PER PERSON*

Keynote Speaker: Dr. David S. Dolling, Dean of the School of Engineering and Applied Science, at George Washington University. The program includes DCCEAS awards for the Engineer, Young Engineer and Architect of the Year. The DC Region's winning team at the Future Cities Competition will also be recognized at the banquet.

For each banquet reservation, please specify one of three dinner entrées: 1) Breast of Chicken, 2) Salmon Fillet, or 3) Vegetarian. If no preference is specified, the choice of Breast of Chicken will be assumed.

Reservations for both luncheon and banquet are due by February 15, 2009 by e-mailing the DCCEAS Treasurer at Email: [hcgibbs06@yahoo.com](mailto:hcgibbs06@yahoo.com)

*Checks should be made out to DCCEAS.*

*Please mail checks to:*

Mr. Howard C. Gibbs, P.E.

DCCEAS Treasurer

P.O. Box 18842

Washington, DC 20036-8842

\*No Shows Will Be Billed

## Volunteer Judges Needed

Volunteer Judges are needed for the 2009 DC metropolitan area high school science fairs being sponsored by the Washington, DC section of ASME. Judging in these fairs usually does not take anymore than one half to three quarters of a day on a Saturday.

If you are interested please contact Siddiq Qidwai through e-mail at [muhammad.a.qidwai@saic.com](mailto:muhammad.a.qidwai@saic.com) or by phone at (202) 767-1466 (o) / (703) 798-5844 (c)

### Detailed Fair Information

County: **Arlington**

Date: 7-March 2009

Name: Northern VA Regional Science & Engineering Fair

Location: Wakefield High School

Judges Needed: 4

Website: [http://meetings.vtools.ieee.org/meeting\\_view/list\\_meeting/347](http://meetings.vtools.ieee.org/meeting_view/list_meeting/347)

County: **Washington, DC**

Date: 14-March 2009

Name: DC Mathematics, Science & Technology Fair

Location: McKinley Technology High School

Judges Needed: 4

Website: <http://www.dscifair.org/>

County: **Montgomery**

Date: 21-March 2009

Name: ScienceMONTGOMERY

Location: University of Maryland @ College Park

Judges Needed: 4

Website: <http://www.sciencemontgomery.org/>

County: **Fairfax**

Date: 28-March 2009

Name: Fairfax County Regional Science & Engineering Fair

Location: Robinson Secondary School

Judges Needed: 4

Website: <http://www.fcps.edu/dis/sciengfair/>

County: **Prince George's**

Date: 28-March 2009

Name: Prince George's Area Science Fair

Location: Prince George's Community College (May Change)

Judges Needed: 4

Website:

<http://www.fcps.edu/dis/sciengfair/http://www.freewebs.com/pgareasciencefair/index.htm>

## 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: 301-405-0302, 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

## Engineering in the Global Market: Keys for Success

The 2009 ASME Annual meeting, under the theme, “Engineering in the Global Market: Keys for Success,” will bring together an outstanding line-up of speakers, comprised of senior executive and engineers from around the globe, who will draw upon their experiences to share winning strategies and critical skills that are the keys to your companies’ success in the global market.

The agenda for the meeting also offers numerous opportunities to earn professional engineering credentials and fine-tune your management skills to advance your career.

The 2009 ASME Annual Meeting will be held June 13–17, at JW Marriott®, Palm Desert, California. The meeting's program consists of plenary sessions, seminars, professional development sessions, and a Career Expo.

Based on the theme “Engineering in the Global Market: Keys for Success,” the meeting will enable engineers to gain insight about managing in global engineering markets. Topics to be covered will include global collaboration and partnerships; effectively managing a global supply chain; development of universally applicable codes and other keys to success in today’s global engineering market.

The plenary sessions are titled “Winning Strategies for Global Engineering: Product Processes and Productivity,” Global Partnerships and Collaborations: Best Practices and Lessons Learned” and “Enhancing Your Knowledge of Global Trade: Codes and Standards as a Gateway to Global Markets.” Each plenary session will run for 90 minutes and will feature expert commentary from CEO and vice president-level corporate decision-makers, academic scholars, and business consultants. Andrew W. Reynolds, Deputy S&T Adviser to the Secretary of State, U.S. Department of State, will chair and moderate the plenary sessions. Reynolds has led strategic planning efforts addressing science, engineering and technology issues in foreign policy and within the U.S. government.

Seminars will explore the subjects treated in the plenary sessions, although in greater depth. The 75-minute workshops will provide a forum for questions and answers between speakers and attendees.

The professional development program at the meeting will focus on building career skills that are critical to success in the global marketplace. You can earn up to 14.5 PDHs for attending the meeting.

For information, visit [www.asmeconferences.org/annualmeeting09](http://www.asmeconferences.org/annualmeeting09) or call (866) 519-1299.

### Engineering Family Day

The Engineering Family Day will be held at the National Building Museum on February 21. About 20 professional societies and other groups present displays and demonstrations at this event geared toward K-12 students.

ASME will again be sponsoring a table at this event and will present a series of hands-on experiments on wave phenomena in different media. Water waves, acoustic waves and light waves will be explored in demonstrations showing wave interference, compression and transverse waves, Faraday cages, diffraction, reflection, standing waves, and focusing of waves. The event is free to the public and usually draws about 8000 people each year.

If you would like to volunteer to help, please contact Tom Beutner at 571-218-4833.

## Ballot for Election/Reelection of Directors for Washington DC ASME Section

The terms for the following five ASME Washington DC Section director positions will be up June 30, 2009.

All five members have confirmed their willingness to be considered for a renewed term from July 01, 2009 to June 30, 2011.

Please cast your ballot for year 2009-2011 noting that write-ins are welcome. You may vote for some or all of the nominees. Once your ballot is complete please either print and mail a hard copy, or submit by email with all information to the Executive Secretary:

Andrea Gironda  
4909 Sunflower Dr.  
Rockville, MD 20853  
agironda@verizon.net

**Note that voting deadline closes March 13, 2009**

Director	YES	NO
Robert Hershey	_____	_____
Howard Berkof	_____	_____
Thomas Beutner	_____	_____
Mohsen Mosleh	_____	_____
Erica Dietrich	_____	_____
Write In:		
_____	_____	_____

- An overall view of the Society's organization and activities and resources
- Leadership skills training to help you succeed in leading your ASME unit
- Idea Mart – a new and improved mini expo featuring communities, units and sectors from across ASME
- Parallel tracks for first timers (ASME 101), and more seasoned leaders (Advanced Leadership Forum)
- An opportunity to network with other leaders and ASME staff
- A forum for sharing ideas and best practices

*Why You Should Attend:*

LTC training will help you to -

- Prepare for future challenges
- Share best practices and ideas
- Improve communication, team leadership, and project management skills
- Bring innovative ideas back to your workplace

*Who should attend?*

- Incoming or perspective Executive Committee officers (unit leaders)
- Unit leaders who have never attended an LTC or ASME training seminar and those who are assuming key positions
- ASME volunteers who have served as members of a unit Executive Committee or Operation Board for several years, are ready for more advanced training and have NOT previously attended more than one prior Leadership Training Conference
- Early Career Engineers. ASME is looking for bright, energetic Early Career Engineers interested in volunteering their time for the Engineering Profession. Selected applicants will be funded to attend the Leadership Training Conference. To find out more and to apply for this opportunity, visit [http://www.asme.org/Communities/EarlyCareer/Leadership\\_Training\\_2.cfm](http://www.asme.org/Communities/EarlyCareer/Leadership_Training_2.cfm), on the Early Career Center page.

## 2009

### Leadership Training Conference

The 2009 Leadership Training Conference (LTC) will take place from March 5-8, in Los Angeles, Calif. The LTC provides ASME unit leaders and key committee personnel with an opportunity to learn crucial skills and network with other units important to the successful operation of the Society. The LTC will include:

Section, Division and Institute leaders have been asked to identify candidates from their respective units. We encourage incoming leaders from across the society to self-fund delegates since the wide range and number of workshops is best suited for a delegate team from a unit.

For more information on the LTC, visit <http://www.asmeconferences.org/ltc09/>.



Early Career Engineers: The ASME Foundation Needs Your Help!

If you seek an energized and productive way to volunteer your time within ASME, look no further. The ASME Foundation has an opportunity for you! Have you ever wondered about the role the Foundation plays in ASME program activities? Are you interested in the basics of non-profit organization activity and fundraising?

The ASME Foundation is looking for a small, dynamic group of young engineers who can not only learn from us, but from whom we can learn the Early Career Engineer perspective. How can we reach out to this influential group in the most powerful and effective way? How can we fundraise to young engineers? How can we keep you engrossed in ASME on this particular volunteer level?

Thoughts or comments? Visit our web site at [www.foundation.asme.org](http://www.foundation.asme.org), then give us a call!

### Call for Mentors!

#### 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, or to register to become a mentor, 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)

### ASME E-Library

The ASME E-Library is a members-only benefit that allows you to access online collections of engineering reference books to help you answer questions and find practical solutions to daily on-the-job problems.

As an added bonus, the ASME E-Library is powered by Knovel, whose interactive and user-friendly technology gives you the ability to manipulate and search for content across the entire collection quickly and easily.

To learn more, go to

<http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>"

## DONATE TO ASME WASHINGTON DC SECTION STUDENT SCHOLARSHIP FUND

Please make checks payable to: **ASME DC Scholarship Fund**

Mail checks to: **Boris Ciorneiu  
ASME DC Section Treasurer  
20069 Great Falls Forrest Dr.  
Great Falls, VA 22066**

*Please detach and include with your donation*

Name/Organization \_\_\_\_\_

If organization, Responsible Officer \_\_\_\_\_

Address: \_\_\_\_\_

Phone \_\_\_\_\_

Thank you for your generous contribution of:

\_\_\_\_\_ \$100    \_\_\_\_\_ \$500    \_\_\_\_\_ \$1000    \_\_\_\_\_ other

