

## Upcoming Events

**February – Thursday, Feb 19, 2009, 7PM**  
**Annual Ethics presentation – C. W. Clark**  
**Travis County Sherriff's Office**

**March 28 – Mandola's Winery tour. Details to be announced.**

**April 16 – Student papers presentation**

**May 21 – UT Chiller Plant.**

## Local Section News

### ASME Central Texas Section Calendar

Check the following link

<http://sections.asme.org/centex/bboard.html>

Click on the "Year Planning Calendar" link to access the calendar.

### Contact Us!

We really need volunteers to help with the Central Texas Section activities. If you'd like to help, please contact us:

- Chair: Theresa Jones ([jonest2@asme.org](mailto:jonest2@asme.org))
- Vice Chair: Al Carson
- Secretary: Anjon Contractor ([anjancontractor@gmail.com](mailto:anjancontractor@gmail.com))
- Treasurer: Mark Stefanov, P.E. ([stefanovm@asme.org](mailto:stefanovm@asme.org))
- Newsletter Editor: Anthony Gatica, P.E. ([anthony.gatica@gmail.com](mailto:anthony.gatica@gmail.com))
- Education Committee Chair: Cecil Teller
- Membership Committee Chair: Gary Sutorius ([tomsdad@att.net](mailto:tomsdad@att.net))
- Webmaster: Steve Embleton ([embleton@gmail.com](mailto:embleton@gmail.com))

### February Brain Teaser (by braingle.com)

**One of these words doesn't belong. Can you tell me which one it is and why?**

1. Hand
2. Play
3. Tooth
4. Ice
5. Nit

*Answer appears on page 4*

---

## INSIDE THIS ISSUE

---

- 1 Local Section News
- 2 2009 ASME Annual Meeting
- 3 Human Powered Vehicle Challenge
- 3 2009 Leadership Training Conference
- 4 The ASME Foundation needs your help!
- 4 Nominate an ASME leader today!

## 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.

### 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>

## 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:

- 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.

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/>.

## 2009 Human Powered Vehicle Challenge

HPVC East Hosted by Drexel University, Philadelphia, PA, April 17-19, 2009

HPVC West Hosted by Portland State University, Portland, OR, May 1-3, 2009

The 2009 Human Powered Vehicle Challenge is just around the corner! Spread the word!

Human Powered Vehicles are aerodynamic, highly engineered vehicles that may be for use on land, in the water or the air. The Human Powered Vehicle Challenge (HPVC) encourages students to design and construct an environmentally friendly vehicle that is fast, sleek, and safe and can be used for everyday activities. The point of the competition is to showcase the elegance and ingenuity of design, including presentation, practicality and safety.

To learn more about the HPVC and to register, please visit our website: [www.asme.org/hpv](http://www.asme.org/hpv).



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)

### **Answer to brain teaser**

Play. Every other word can be followed by the word pick.:

- Handpick
- Toothpick
- Icepick
- Nitpick

## *Tomorrow's ASME Leaders:*

### *Are You Ready for the Challenge?*

Do you feel strongly about the direction you would like ASME to take? Are you passionate about new ideas and initiatives? Are you ready to step up and lead? If so, why not become an ASME leader today!

Consider running in June 2009 for the following offices:

ASME president — one-year term

Board of Governors member — three-year term

Vice President of Professional Development, Practice & Ethics (Centers Sector)

Vice President of Public Awareness (Centers Sector)

Vice President of Standardization and Testing (Codes and Standards Sector)

Vice President of Affinity Communities (Knowledge and Community Sector)

Vice President of Financial Operations (Knowledge and Community Sector)

The interview schedule for proposed nominees and their supporters is as follows:

Sun., June 14: Vice Presidents (afternoon)

Mon., June 15: Vice Presidents (morning and afternoon)

Mon., June 15: Board of Governors (afternoon and evening)

Tues., June 16: Presidents (morning)

Visit the Nominating Committee website for information on the "How-to" guide when running for Society Office. [http://www.asme.org/Governance/Nominating/Nominating\\_Committee.cfm](http://www.asme.org/Governance/Nominating/Nominating_Committee.cfm) or contact RuthAnn Bigley at [bigleyr@asme.org](mailto:bigleyr@asme.org).

## Editorial

### Science and Engineering

In the Tuesday, January 27, 2009, Austin American Statesman, Henry Petroski, a civil engineering professor at Duke University, points out the difference between science and engineering. To John Q. Public, science and engineering are the same, but they are not. Science seeks to understand the physical world and engineering seeks to use science to create. The basis for Henry's article was President Obama's inaugural address where he stated 'We will restore science to its rightful place'.

We have a president who seems to understand that technology is going to be vital in keeping the United States an economic superpower. The challenges the planet faces can only be solved with science (understanding the physics) *and* engineering (to create a practical solution): clean water, renewable energy, and transportation to name a few. Even in economic uncertainty the United States can develop new technology that can address these challenges and keep us in the lead.

As we come upon National Engineer's Week, please remember that we as engineers are the best role models to get kids excited about engineering and technology. Without new graduates to keep advancing the engineering profession, the United States may not be where the "next big thing" is developed. Consider volunteering at a local school to show kids what engineers do. Join a First Lego League team to mentor kids about engineering and the creative process. Show the neighborhood kids the cool gadget you're working on in the garage. It takes only a small spark of interest to get the next generation of engineers excited about the endless possibilities.

I've found a few engineering-slanted shows on television lately that are pretty entertaining.

- Prototype This – A team of engineers "invent the future" by prototyping new ideas (Discovery Channel)
- How It's Made – Showing how everyday products are manufactured (Science Channel)
- Beyond Tomorrow - New technology that could change the world (Science Channel)

And finally, many kids watch Mythbusters. While I believe it's more entertainment than science, they do have one engineer cast member (Grant).

*Tony Gatica, Editor*

[http://www.statesman.com/opinion/content/editorial/stories/01/27/0127petroski\\_edit.html](http://www.statesman.com/opinion/content/editorial/stories/01/27/0127petroski_edit.html)

## News from the Chair

In response to Tony's editorial, I recall the following equations relating, or distinguishing, physics and engineering that were carved in my desk in my sophomore physic's class at the University of Alabama:

Engineering = Physics + Common Sense

Physics = Engineering - Common Sense

Our March meeting on Saturday, March 28<sup>th</sup>, is going to be something different. I'm calling it the North Hays County Technology Expedition (or welcome to my neighborhood). For that morning I'm trying to coordinate a visit to Tank Town in Dripping Springs for those who are interested in learning more about rainwater collection. Then early that afternoon we will tour Mandola's Winery. They have guaranteed us a tour guide who can answer your technical questions, so be sure and ask them. This tour will probably begin at 12:30 PM. The tour will be \$5 per person plus another \$5 for wine tasting of six wines. There is also a very nice restaurant, Trattoria Lisina. You might want to make reservations there, especially if you plan to eat before the tour. More specifics will be coming soon. I hope you and your spouse, or whoever, can join us for a fun day learning about some local technologies.

Theresa

Return Address  
Street Number and Name  
City, State 98765-4321



ADDRESS SERVICE REQUESTED

Mailing Address  
Street Number and Name  
City, State 98765-4321