

## FWCS – ASME: FROM THE CHAIR

We are a few weeks into the 2011 program year. If you haven't been to our website lately ([www.asmefwcs.org](http://www.asmefwcs.org)) please check it out as it has been updated. I encourage you to check out our calendar of events and all of the existing programs we have to offer. It is my sincere hope that you will join us for these events and network with other ASME Members.

The annual Tampa Bay Engineers Week Banquet on February 25<sup>th</sup>, 2011 is very important to us and we encourage you to attend. Discounted tickets are already on sale.

Our Networking event is free to ASME Members and Mr. Jake Briggs, a Recruiter from Kelly Engineering, will be presenting on some aspects of employment. It is sure to be a fabulous event. We are also incorporating a drawing so please bring your business card for our fish bowl.

P.E. Renewal is due in Feb and FWCS-ASME is offering 3 PDH Credits for those of you who are still a few short. The cost is minimal and our very own Dr. Kaw will be presenting. We are also including lunch.

If you would like to get involved with your ASME section or have any comments or suggestions, I encourage you to contact me.

I hope to hear from you and look forward to meeting many more engineers! Remember, we are the dream makers, and I thank you for all of your contributions!

Elizabeth Vincourek  
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To all members and friends  
of FWCS – ASME

*Wishing you All  
A Happy and Prosperous New Year !*

**FWCS – ASME**  
**Nominate a Mechanical**  
**Engineer of the Year**  
**&**  
**Honor Engineering**

**Tampa Bay Engineers Week Banquet**  
**SAVE THE DATE February 25, 2011**  
**Achievement, Recognition and Honor!**

Please Hurry! Limited number of discount tickets left for purchasing. Please visit our web site <http://www.asmefwcs.org> for a link to the reservation site, where you can purchase tickets and get directions.

Do not miss the excellent opportunity to celebrate the engineering profession with FWCS leaders and engineering professionals from various engineering societies, as well as recognize and honor the outstanding achievements of Engineers in their field of expertise.

For 2010 each Engineering Society in Florida West Coast Engineering Alliance will be presenting the following awards: **Engineer of the Year & Student Engineer of the Year.**

**Make a difference and nominate a mechanical engineering colleague for his/her contribution to the engineering profession.** Send all nominations for the Engineer of the Year to Mr. Bill Adkins at e-mail: [billy\\_adkins\\_57@yahoo.com](mailto:billy_adkins_57@yahoo.com). Mr. Adkins is once again heading up our Review Committee for the ASME EoY awards.

**When: Friday, February 25, 2011**

**Where: A La Carte Event Pavilion, Tampa**

**Time: 5:30 pm - vendor expo, cocktail reception**

**7:00 pm - Dinner, Speakers, and Awards**

**Who can attend: All FWCS engineers, their families & friends**

## INSIDE THIS ISSUE

- 1 Local Section News
- 3 From the ASME President
- 3 2011 Leadership Training Conference
- 4 IGTI Scholarships Now Available!
- 4 Engineers Without Borders
- 5 ASME Student Liaison Program

## ***FWCS – ASME***

### ***Networking Evening with Jake Briggs January 19<sup>th</sup>, 2011***

It is a perfect time to start the year with some tips for how to gain additional info on how the recruitment world works in today's economy. Learn about ways to use online search engines, how to write a winning resume, how to stand out when presenting yourself during an interview, and about today's industry market demands.

Mr. Jake Briggs is going to be our guest, visiting our Tampa Bay area from the Buffalo (NY) section of ASME. The event is going to be held at the **Centre Club in Tampa**, on **January 19<sup>th</sup>, 2011**. The networking is scheduled to commence at 6:00 pm, and will be followed by Mr. Briggs presentation. The event will be wrapping up by 8:30 pm.

Please bring plenty of business cards for networking and the fish bowl draw. "Dress for success" and join us for this first networking event of the season. For reservations, parking and directions visit <http://www.asmefwcs.org>. We look forward to see you at the event.

## ***FWCS – ASME***

### ***Professional Development Class***

**Subject: Assembly Procedure of Bascule Bridge Fulcrums**

**When: January 29, 2011 9:00 am – 12:15 pm.**

**Where: USF College of Engineering**, For Room location and registration, please check out our web site at: <http://www.asmefwcs.org>.

**Cost: \$15 ASME Members, \$20 Non-ASME Members  
Lunch included.**

## **December Holiday Event**

On December 16<sup>th</sup>, 2010 at the Wine Cellar in Redington Shores, FWCS of ASME held the annual Holiday meeting with a great attendance turn out.

The honored speaker at the event was Colonel Al B. Lee from the US Army Corps of Engineers, stationed in Washington DC. Colonel Lee was previously stationed in New Orleans, and spoke of the Deep Horizon oil spill disaster and the role the Corps played in the national response.

On behalf of FWCS of ASME, Elizabeth Vincourek, chair of FWCS of ASME presented Colonel Lee with an award of honor.

Check out the photos from this event and previous events from 2010 at: <http://www.asmefwcs.org>





## 2011 Leadership Training Conference

March 3-6, 2011 • Dallas, TX

If you are an incoming or prospective executive committee officer (unit leader) or a unit leader who may have never attended a Leadership Training Conference (LTC) or ASME training seminar, then make plans to attend the 2011 LTC, March 3-6 in Dallas, Texas.

The LTC is designed to provide 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 program 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
- The ASME Idea Mart – a mini expo featuring communities, units and sectors from across the Society
- Parallel tracks for first timers called [ASME 101](#), and the Advanced Leadership Forum for more seasoned leaders.
- Valuable networking opportunities with other leaders and ASME staff
- A forum for sharing ideas and best practices
- Leadership skills.... including a pre-conference workshop on Thursday - "The Leaders' Voice," with Ron Crossland, sponsored by the VOLT Academy.

Section, Division and Institute leaders have been asked to identify candidates from their respective units to attend. 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 registration and conference details visit the Web site at <http://events.asme.org/LTC11/home.cfm>

## FROM THE PRESIDENT: Transportation Systems Moved by Innovation



Leading the discussion about reshaping future technologies can be challenging because the technical conversation splits into so many related specialty areas. Within the energy arena, for example, the particulars of transportation initiatives branch out into a complex network of technologies, such as advanced materials, fuel efficiencies, and systems integration. When ASME launched its energy roadmap last year, its goals called for increasing fuels options, increasing fuel efficiencies, and expanding electrical capacity in the transportation area. These continue to be priorities today.

Where transportation is headed is important to consumers, public policy makers and those who invest in innovation, especially industrial entities endeavoring to grow their markets globally. New green transportation solutions stir our collective imagination, poised for that next big breakthrough.

New interest in high-speed railways and other forms of rapid transit is gaining ground, fueling speculation on its use throughout the United States. Several presentations at ASME's Congress in November featured discussions of design criteria and mixed-use rail traffic corridors, such as the integration of intercity, commuter and freight networks. To increase train speed, presenters addressed track construction and component specifications, while looking at best practices and applications in Europe and Asia.

*Read the rest of ASME President Robert Simmons' column in the Dec. 2010 edition of ASME News.*

[http://www.asmenews.org/1210\\_2stories/president.html](http://www.asmenews.org/1210_2stories/president.html)

### 2010 ASME Boiler Pressure Vessel Code Now Available

The 2010 edition of the ASME Boiler and Pressure Vessel Code, including updates and revisions to meet changes industry practices, is available for purchase.

The code establishes rules of safety relating to the design, construction, operation, testing, and maintenance of boilers, transport tanks, nuclear power plant components, and other pressure systems.

Previously issued in 2007, the new code incorporates many changes that reflect advancements in design, materials, construction methods, and applications. The 2010 edition contains changes and revision in eleven of its twelve sections, including new specification and rules addressing nondestructive evaluation, nuclear components, welding and brazing, and ferrous and nonferrous materials. For more information on the ASME BPVC and for orders and details, visit:

<http://campaign.asme.org/bpvc10/home.cfm?track=go.asme.org>



## ENGINEERS WITHOUT BORDERS USA

ASME's strategic partner Engineers Without Borders-USA is currently seeking professional engineers to serve as mentors for the organization's more than 250 student chapters in the United States.

If you're interested in sharing your technical skills with the engineers of tomorrow — and making a real difference in the lives of people in developing countries throughout the world — visit [www.ewb-mentors.org/EWBmentor](http://www.ewb-mentors.org/EWBmentor) to learn more about how to become an EWB-USA professional mentor.

Last January, ASME and EWB-USA entered into an enhanced strategic partnership to leverage each organization's strengths to benefit future joint initiatives and objectives. Now an EWB-USA Principal Partner, ASME began its collaboration with EWB-USA in 2003 when ASME served on the EWB-USA board of directors as the first society partner to provide dedicated resources to support EWB-USA's mission. Today, both organizations share similar strategic interests, including the development of the engineering workforce, making an impact on global needs and contributing to renewable energy initiatives.

As a result of this partnership, ASME members are now entitled to a 20 percent discount on membership dues when they join EWB-USA. ASME members can now join EWB-USA as a Professional Member for \$80 (\$20 off the regular cost), or as Supporting Member for \$60 (a \$15 savings). For additional information on enrolling in EWB-USA, visit [www.asme.org/membership/Members\\_Can\\_SAVE\\_20\\_EWBUSA.cfm](http://www.asme.org/membership/Members_Can_SAVE_20_EWBUSA.cfm).

For more information on Engineers Without Borders-USA, visit [www.ewb-usa.org](http://www.ewb-usa.org). To find out more about ASME's partnership with EWB-USA, visit [www.asme.org/Communities/Students/Undergrad/Engineers\\_Borders\\_2.cfm](http://www.asme.org/Communities/Students/Undergrad/Engineers_Borders_2.cfm).

### IGTI Scholarships Available Now!



The ASME International Gas Turbine Institute awards one \$4,000 scholarship every year based on superior academic performance and demonstrated interest in the gas turbine, propulsion, or turbomachinery industries to an undergraduate or graduate student. ***Applicants must be ASME Student Members in good standing at the time of application.***

Applications for each academic year are accepted online each year only from **Jan. 15 through March 1**, after which our online application is closed. [PLEASE READ the detailed INSTRUCTIONS for the application form here.](#)

If you are not a member and would like to join, see our [Student Online Member Application](#).

Congratulations to our Past Winners!

2010 Winner: Stephen Clark, Duke University  
2009 Winner: Tejas Chafekar, Birla Institute of Technology & Science, Pilani, India  
2008 Winner: Gregory Bond, Baylor University

### *Nominate a Rising Star for the ASME Old Guard Early Career Award*

***Deadline: Tuesday, Feb. 1, 2011  
\$5000 Cash up for Grabs!***

Recognize an outstanding early career engineer who is actively involved in their profession, their communities, and the work of ASME!

The Old Guard Committee honors ASME members that have made great strides in the engineering profession, community and the work of the Society by sponsoring the Early Career Engineer Award.

***Eligible applicants must be a current ASME member and have earned a baccalaureate degree in Mechanical Engineering or MET between years Feb. 1, 2005 – Feb. 1, 2007.***

A Grand Prize of \$5000 CASH will be awarded to one recipient, including a prepaid ASME membership (valued at \$3000). Two Runner-Up Prizes of Prepaid Membership may also be awarded.

For more information on applying, visit:  
<http://files.asme.org/asmeorg/Governance/Honos/SocietyAwards/17167.doc>

# ASME Student Liaison Program –Application Announcement

*Student Liaison – ASME’s ambassadors, helping bridge the gap from student to member.*

## ***What do Student Liaisons Do?***

- Visit student section(s) in your area at least twice a year and speak about ASME and your career
  - Relate how ASME helped prepare you for the transition to the workplace and has aided in your professional development
  - Serve as a connection to ASME, providing updates on current student programs and activities
- Assist with planning joint activities/meetings between professional and student sections
- Help graduating seniors get introduced to ASME members

## ***Benefits of Being a Student Liaison***

- Strengthen and complement existing outreach activities in your section
- Help welcome graduating students and get them involved in your section activities
- Aid in the professional development of our student members.
- Learn more about the Society
- Meet other members and professionals
- Hone your presentation and communication skills

## ***Attributes of Student Liaisons***

- Engineers working in industry, living within 60 miles of at least one college or university
- Some prior ASME volunteer leadership experience
- A history of or strong interest in public speaking
- Current ASME membership
- Willingness to volunteer as a liaison for two or more years preferred

## ***Time Commitment***

- A training session Feb. 19-20, 2011 (travel is funded as per Policy 4.5)
- A telecom prior to and after each campus visit
- Some phone calls to individual students and senior section members
- A brief survey about your experience prior to the ASME Annual Meeting each June

## ***How to Become a Student Liaison***

Submit your resume along with the completed form below, **by Jan. 14, 2011** to [studentliaison@asme.org](mailto:studentliaison@asme.org). Please put “ASME Student Liaison Application” in the subject line.

Selected candidates will be notified by Jan. 21, 2011. Please forward this invitation to other ASME members who may be interested in this opportunity. For additional information, contact Marian Heller at [HellerM@asme.org](mailto:HellerM@asme.org) or (212) 591-7079.

To view and download the ASME Student liaison program application, visit: <http://files.asme.org/Volunteer/Unit/26688.doc>



# Member Savvy

## The Value of ASME Membership



### Benefit Spotlight: Project Crowdsourcing

"I am proud to be an ASME member for the reason that ASME members collectively work together to assure the quality and standards of the products that contribute to our growth as a country. The ASME Code is integral with new and in-service quality control inspections of pressure vessels, piping, storage tanks and rotating equipment I have been involved with over the past 25 years...I am always proud to be in the network with other ASME members that I could call on to discuss questions and who have the passion and drive to assure the construction and inspection was done to the highest standards possible." Sam Capri ~ ASME Member since 1989

Dear Members,

Happy New Year!

Sam's quote above speaks to one of the key benefits of ASME membership -- the ability to connect and collaborate with other members to make better products and a more livable (quality of life), safer world. To that end, ASME is about to embark on an exciting year-long initiative called Project Crowdsourcing.

Project Crowdsourcing empowers YOU and other ASME members to become the guest editor-in-chief of *Mechanical Engineering* magazine, and together, determine the content of the December 2011 issue! Here's how Project Crowdsourcing works:

#### Phase I – From now through February

- You participate in online discussions designed to collect your ideas for articles and themes based on ASME's three strategic initiatives (Energy, Engineering Workforce Development and Global Impact and Outreach).
- These can be as general or as specific as you like. Comment on the ideas that others have posted or add your own.
- At the end of February we will unveil a list of potential articles from the feedback you've given us.
- The online discussion starts now at:
  - [www.memagazineblog.org](http://www.memagazineblog.org)
  - ME magazine Facebook page at: [on.fb.me/MEMAGAZINE](https://on.fb.me/MEMAGAZINE) (please use caps)
  - Via e-mail at [memag@asme.org](mailto:memag@asme.org)
  - [twitter.com/johnfalcioni](https://twitter.com/johnfalcioni) and use the hashtag: #MEcrowdsource

#### Phase II - March and April

- Voting takes place on article ideas to determine which six get published.

#### Phase III - May through November

- We recruit authors for the articles and work with them to prepare the articles for publication.

#### Phase IV – Late November

- The "Crowdsourced" issue of *Mechanical Engineering* magazine is mailed to ASME members.

I hope you're as excited as I am to participate in Project Crowdsourcing. Go online today and connect with your fellow ASME Members to make the December 2011 issue of ME Magazine the best ever!

Warmest regards,

Mike

Michael Kreisberg  
Director, ASME Membership Development

P.S. – In last month's Member Savvy we highlighted the free nanotechnology podcasts. I'm happy to share that more than 500 members accessed this amazing content over the last few weeks. If you haven't done so, please check out the nano podcasts at: <http://nano.asme.org> and click on the podcast download link. A quick registration and you're in. Enjoy!

## FWCS-ASME

*“Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning.”  
– Albert Einstein (1879-1955)*

If you have a job posting, open career opportunity, want to sponsor an event organized by FWCS, or want to share an idea on a possible tour/event, give us your thoughts and e-mail the newsletter chair at: [krstanoskim2@asme.org](mailto:krstanoskim2@asme.org).

We welcome feedback, ideas and suggestions for future issues.

### FWCS-ASME Officers and Committee chairs

Chair: Elizabeth Vincourek e-mail: <a href="mailto:evincourek@yahoo.com">evincourek@yahoo.com</a>	Vice Chair: Steve Elting e-mail: <a href="mailto:steve@eltingmechanical.com">steve@eltingmechanical.com</a>	Vice Chair Programs Magdalena Krstanoski e-mail: <a href="mailto:krstanoskim2@asme.org">krstanoskim2@asme.org</a>	Treasurer: Matthew Montgomery e-mail: <a href="mailto:matt.montgomery@mccst.com">matt.montgomery@mccst.com</a>
Secretary: Paul Stevenson e-mail: <a href="mailto:stevensonp1@asme.org">stevensonp1@asme.org</a>	Director: John Mulvihill e-mail: <a href="mailto:mulvihillj@asme.org">mulvihillj@asme.org</a>	Director: Bob Andrew e-mail: <a href="mailto:andrewr@asme.org">andrewr@asme.org</a>	Director: Billy Adkins e-mail: <a href="mailto:billy_adkins_57@yahoo.com">billy_adkins_57@yahoo.com</a>
Immediate Past Chair / Director: Pete Grotsky e-mail: <a href="mailto:grotskyp2@asme.org">grotskyp2@asme.org</a>	Webmaster: Dr.Autar Kaw e-mail: <a href="mailto:kaw@eng.usf.edu">kaw@eng.usf.edu</a>	TBEWB Chairs: Elizabeth Vincourek / Pete Grotsky e-mail: <a href="mailto:evincourek@yahoo.com">evincourek@yahoo.com</a> / <a href="mailto:grotskyp2@asme.org">grotskyp2@asme.org</a>	Newsletter Committee Chair: Magdalena Krstanoski e-mail: <a href="mailto:krstanoskim2@asme.org">krstanoskim2@asme.org</a>