

Tulsa-NEO SWE

Society of Women Engineers

Innovation to Entrepreneur

5:30 – 8 PM, Thursday, October 8th
 PSO General Offices
 Meet and Greet 5:30 – 6:00 PM
 Program – 6:00 – 8:00 PM

From idea design to intellectual property to opening the doors to living with it for six years, SWE's purpose on Oct. 8th is to provide you with ideas, tools, and resources to develop a successful company.

Our guest speakers are all SWE members. Marie Moran, MS Project Design with a BS in ME, will share the basic process of developing the idea for your business. Peggy Milliken, Patent Attorney with a BSPE, will talk about intellectual property and strategies to effectively managing it to give your company a return. Judy Vera, owner of newly created Soaring Eagle Compression with an MBA and BSME, will share real-time experiences of developing and starting her compression business. Meg Broge, six-year owner of Venture Technical Resources with a BSCS, will share her strategies of surviving the ups and downs of owning your own business and keys to keeping a fresh approach.

Please RSVP. Respond to the Evite or call 299-1196 or email wollmersh@aol.com to RSVP. We will be providing a list to front desk at PSO for passes

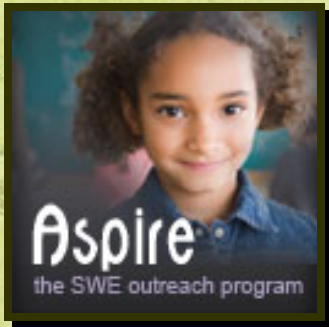
Sandwiches and beverage will be provided.



- *10/8 – Innovation to Entrepreneur*
- *10/9 Officers & Committee Meeting*
- *10/15-10/17 SWE National Conference*

Upcoming Events

Sass-E Girlz Outreach Planning



We are becoming involved in education outreach and are planning on targeting Byrd and Carver Middle Schools this year. SWE provides a program called Sass-E Girlz that guides interaction between SWE members and local guidance counselors to help encourage young girls to consider careers in STEM related areas. We will have a conference call the week of October 5-9. Please e-mail caytib@sbcglobal.net with your contact information if you would like to be included on the call. This will be an ongoing project throughout the year.

See the note on page four about the webinar!

Is Your Company A Corporate Sponsor?

Did you know that many corporations support SWE by purchasing a corporate membership? A corporate membership comes with 9 professional memberships and three registrations for the national conference. Some companies also provide professional memberships or reimbursement for their employees.

Check with your HR or Engineering Manager to see if your company will help you support SWE!

3M • Abbott • The Aerospace Corporation • Agilent Technologies • Alstom • Ametek • Argonne National Laboratory • Autodesk, Inc. • BAE Systems • Baldor • B/E Aerospace, Inc. • Bechtel Corporation • The Boeing Company • Booz Allen Hamilton • Boston Scientific • **BP** • Bridgestone/Firestone • Carollo Engineers • Caterpillar, Inc. • CB&I • Chevron • Cisco Systems, Inc. • Citrix Systems, Inc. • Corning Incorporated • Dallas County Community College District • Dell • DIRECTV • Disney • The Dow Chemical Company • DTE Energy • DuPont • Exelon Corporation • Expedia • Exxon Mobile Corporation • Fluor Corporation • FM Global • Ford Motor Company • Freescale • General Electric Company • General Motors Corporation • Goldman, Sachs & Co. • **Honeywell International Inc.** • HP • IBM Corporation • Informatica Corporation • Intel Corporation • Ixia • Jacobs Engineering Group • Jive Software • John Deere Werke Mannheim • KAPL • The Kellogg Company • **Kimberly-Clark Corporation** • Lear Corporation • Lexmark • Lockheed Martin Corporation • LyondellBasell Industries • Mead and Hunt, Inc. • Medtronic, Inc. • Merck & Co., Inc. • Merrick & Company • Microsoft • The MITRE Corporation • Norfolk Southern • Nortel • Northeast Utilities • Northrop Grumman Corporation • Occidental Chemical Corporation • Parker Aerospace • Procter & Gamble Company • PSEG • QALCOMM Inc • Raytheon • Rockwell Automation • Rockwell Collins • Rohm and Haas Company • Rolls-Royce • The Shaw Group • Skanska • Solar Turbines • Southern Company • Spectra Energy Corp. • **Spirit Aerosystems** • Stryker • Textron • Vanguard Group • **Whirlpool Corporation** • Wyeth

And In Other News...

- Not a SWE member yet?

Go to www.swe.org and join online. Check with your company to see if they will sponsor or reimburse you for membership.

- SWE National Conference is October 15th thru 17th in Long Beach, CA. Early bird registration deadline is September 1st.
- Want to get involved?

Attend a SWE event and meet our officers and other members. E-mail your willingness and area of interest with your contact information to caytib@sbcglobal.net.

- Engineers Wanted!

If you are interested in going to a school and helping a teacher with Agilent Kits, please e-mail your name and contact information to caytib@sbcglobal.net. Schools will contact us from time to time and the kits are required to be presented by a representative of SWE. The only cost to you is one to two hours of your time. A small price to pay for a chance to inspire kids!

- Tulsa-NEO SWE is adopting the Oklahoma Blood Institute as one of our community outreach programs. **Peg Lewis** is the mother of our chapter secretary, Cayti Burch and she has a rare form of cancer that requires many blood transfusions. For every pint of blood donated in **Peg Lewis'** name at OBI, it will reduce her cost for every transfusion she has. You don't even need to be a match for Peg! Just donate at any time! Your time could save a life! You can make an appointment online at www.obl.org

John Zink Tour Was A Great Success!

Our own Dahlia Cruz arranged a fabulous tour of the John Zink Company in Tulsa on Thursday, September 17th. Twelve members (some prospective) were able to attend the informative and impressive tour of the shop facility and the test center during an extended lunch. The manufacturing equipment was impressive and the company generously provided lunch for everybody! Thank you Dahlia and to those who were in attendance. Our section is proud of the variety and quality of programs available to members and guests and we invite you to take advantage of upcoming opportunities.

Reinvent, Reinvest and Reshape Your Life Oklahoma Women's Symposium

Presented by University of Oklahoma Outreach
This is a day long conference designed to empower women in our state. Attendees will gain invaluable insights on a full range of issues affecting all women – in the workplace, at home and in the community.

Cost is \$35

October 15, 2009

8:30-4:30 pm

Cox Convention Center, Downtown OKC

www.cafe.ou.edu/women

SWE has recently completed a redesign of the www.swe.org website. One of the new features is SWE Online Communities. Communities are grouped by interest, such as Professional Development, hobbies, geographic region, or type of service. Check them out online – members only! Another great reason to join SWE!

*Aspire Web Seminar
Tuesday, October 6, 2009
1:00.m. - 2:00p.m. (EDT)*

Role Modeling 101: Inspire Girls in Engineering

Please join us for the upcoming webinar: Role Modeling 101: Inspire Girls in Engineering sponsored through a generous grant from the ExxonMobil Foundation.

Participants will learn tips and techniques to become more effective role models, and get the most out of hands-on activities, classroom visits, and field trips. Dr. Linda Kekelis and Meg Shimizu from TechBridge (www.techbridgegirls.org) will be presenting on this valuable topic.

The mission of Techbridge is to encourage girls in technology, science and engineering through multi-faceted programs for girls. Techbridge offers after-school and summer programs with hands-on projects, career exploration opportunities, and academic and career guidance. Since its founding by Chabot Space & Science Center, Techbridge has served over 2,500 girls in grades 5-12.

Who should take this Webinar: SWE members and others interested in, and doing outreach.

Learning Objectives: Deepen awareness about the lasting impact of effective role modeling on students. Learn tips and techniques to increase the impact of outreach by becoming a more effective role model.

Free to both SWE members and non-members

Register at:
http://aspire.swe.org/index.php?option=com_content&view=article&id=36&Itemid=112

Member Benefits: SWE Webinars

Little Things Mean A Lot: From Micro Inequities to Micro-Affirmations

Diverse organizations outperform their competitors by being more engaged, productive, and innovative. But leveraging diversity is more than a numbers game. Instead, it's the result of countless "micro" messages we send each day that help or hinder inclusion efforts. This presentation, "Little Things Mean A Lot," combats this problem with fresh, positive and proven approaches that puts inclusion at the heart of performance. Brigid Moynahan a thought leader in the field of diversity and inclusion will provide a business case that shows how inclusion breeds innovation, performance, and engagement. The presentation offers strategies you can put to work immediately as well as giving you practical insights and tips that help you count yourself and others in.

Free to SWE Members; \$49 for non-members

Register at
http://societyofwomenengineers.swe.org/index.php?option=com_content&task=view&id=774&Itemid=295

"I register for every SWE Web Seminar. I may not watch it at the time aired, but I can watch it later on the SWE web site since I was pre-registered. I encourage all Tulsa SWE members to do the same - register for the Web Seminars. SWE membership dues are \$100. Watching four Web Seminars give you an immediately return on your dues. Several times I used the Web Seminars as PDH hours for my PE renewal."

Barbara Wollmershauser
SWE member since 1972

CEU's

Entrepreneurs Inc of Tulsa

9/29/09 5:30 pm
 Baxter's Interurban Grill, 717 S. Houston Ave, Ste 100
 \$20

Sharee Wells and Kari Mirabal of Oklahoma Professional Search will present, "Effectively Using Social Networking Tools to Grow Your Business." Hors d'oeuvres and refreshments will be provided. To register, call Sandy Willmann at 706-1707, or e-mail her at sandy@jmwillmann.com. Only those 21 years or older may attend.

Society of Petroleum Engineers

10/1/09
 11:30 – 1:00
 Petroleum Club, 601 S. Boulder
www.tulsapetroleumclub.com
 918-585-9121
 \$25

Steven Tipton with the University of Tulsa will present, "Why Coiled Tubing Fails and How to Avoid Failures in Your Well." Registration deadline noon Tuesday; to pay by credit card (advanced payments only), visit <http://spemc1001.eventbrite.com>. To RSVP with cash/check, call Daena at 582-0963, ext. 10, or e-mail her at miller@tulsa.oilfield.slb.com.

Managing Difficult People: Working with You is Killing Me

10/6/09
 9:00 AM – 4:00 PM
 OSU-Tulsa
 700 N. Greenwood
 We all deal with people we consider difficult to get along with, whether subordinates, supervisors, customers, friends or family. Consider differing personalities and start developing the skills needed to manage challenging people and situations effectively.

1-866-678-3933
<http://spears.okstate.edu/cepd/openenrollment/pds>

University of Tulsa Mechanical Engineering Advisory Board presents Continuing Education for Engineers

10/14/09
 9:00 A.M. – 12:00 P.M.
 Allen Chapman Activity Center
 University of Tulsa Campus
 See attachment for details

Other Items of Interest

Not Just a Housewife: The Changing Roles of Women in the West

Around the late 1800s, tradition held that women were expected to fill two roles, that of housewife and mother. This exhibit explores how some women bucked tradition. As women traveled West, many were resolute not to follow the path expected of them, while others were forced to look for nontraditional lives. Some joined the rush for gold, entered politics or looked to the arts, while others ventured into gambling and prostitution. Such women were either praised or scorned, but without their courage, women of today would face a different reality.

National Cowboy & Western Heritage Museum
 1700 NE 63rd St.
 Oklahoma City 73111
www.nationalcowboymuseum.org
 405.478.2250

Through January 10th, 2010

Agilent Afterschool Kits

Materials for an engineering based activity for 4 kids - \$4!!!

Agilent Afterschool Kits are a great tool to use for any outreach. The only stipulation is that the activity be directed by a SWE member. All the kits illustrate an engineering principle and the kids have fun building their whatsit while they are also learning about science and math!

Choose any combination of kits and order them online from the SWE Bookstore.

Catapult – Catch A Thief – Deep Sea Divers – Electronic Matching Game – Hydro Lift – Invisible Forces – Kalimba (Thumb Piano) – Newton’s Rocket Car – Night & Day – Oobleck – Owl Pellets – Periscopes – Pieces of Earth – Solar Energy – Steady Hand Game – The Lighthouse – The Oil Spill – Time Shadows – Weather Station



Need CEU's? Want to find a society in your discipline? Tulsa Engineering Foundation is an umbrella organization for the various engineering societies in the Tulsa area. Find meeting times, upcoming events and contact information for all of the member societies – including SWE!

Find information about the upcoming Engineering Scholarship Golf Tournament sponsored by the American Concrete Institute, American Society of Civil Engineers, the Engineers' Society of Tulsa, Oklahoma Society of Professional Engineers, and Tulsa Engineering Foundation on September 25th at www.tulsaengineer.org