

# Tulsa-NEO SWE

Society of Women Engineers

## Sharpen Your Skills: Innovation to Entrepreneur

5:30 – 8 PM, Thursday, November 12th  
PSO General Offices  
Meet and Greet 5:30 – 6:00 PM  
Program – 6:00 – 8:00 PM

From Howard Hughes and airplanes, to Bill Gates and computers, to Mary Kay Ash and the color pink, these icons were all innovators. Do you feel the entrepreneurial spirit in you? Come and enjoy an evening full of tips from a few of Tulsa's own innovators.

This event will share tools that will jumpstart your business plans and help you to continue meeting the needs of today's market place **whether as part of a corporation or in your own company.** Topics to be covered include product design, intellectual property strategies and resource considerations for start-up companies.

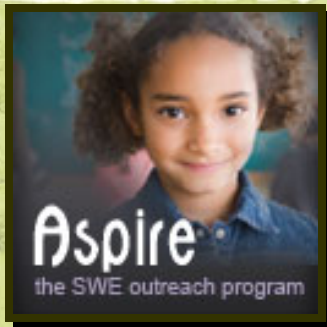
Our guest speakers are all SWE members. Marie Moran, MS Project Design with a BS in ME, will share the basic process of developing the idea for your business. Peggy Milliken, Patent Attorney with a BSPE, will talk about intellectual property and strategies to effectively managing it to give your company 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](mailto:wollmersh@aol.com) to RSVP. We will be providing a list to front desk at PSO for passes

*Sandwiches and beverage will be provided.*



- 11/12 – *Sharpen Your Skills*
- 11/19 – *Happy Hour at  
McNellie's*
- 11/21 – *Women Builder's*



*The Tulsa-Northeastern  
Oklahoma Section of the  
Society of Women  
Engineers would like to  
thank these companies for  
their support of our  
ongoing activities during  
2009:*

*Englobal Engineering,  
Inc.  
Joshi Technologies  
International, Inc.  
Kimberly-Clark  
Magellan  
Thomas Russell, LLC  
AEP-PSO*

## Sass-E Girlz Outreach

We are becoming involved in education outreach and are planning on targeting Carver Middle School 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. Mildred Mabirizi and Morgan Brown recently visited Carver and gave a presentation about women and engineering.

They shared a little bit about their presentation with us:

We asked the girls the following questions

- 1. How many of you know an engineer?**  
35% responded yes
- 2. How many have parents who are engineers?**  
3-4% said yes
- 3. How many of you want to be an engineer?**  
8-10%

Mildred and Morgan shared about their experience in college and in the work force and had a Q&A session with the girls. Mildred says the girls had a lot of questions including 'Do engineers make a lot of money?', 'How many hours a week do you work?', 'Do you travel a lot?', and 'Are you undermined because you are female?'

After the question session they asked the group again who might want to be an engineer and **the response had increased to about 30%!**

Mildred, Morgan and several other members will be starting to work with Carver's counselor, Mr. Ehrle, and implementing other aspects of the Sass-E Girlz program.

If you are interested in participating with Sass-E Girlz, please contact Christina Bishop at [Christina.bishop@gmail.com](mailto:Christina.bishop@gmail.com)

## *And In Other News...*

- **Not a SWE member yet?**

Go to [www.swe.org](http://www.swe.org) and join online. Check with your company to see if they will sponsor or reimburse you for membership.

- ***Save the date!***

Tulsa Engineering Foundation and Tulsa-NEO SWE will host the second annual Engineering Summit on March 5<sup>th</sup>, 2010. The Summit will provide up to 8 CEU's for a great price and was very well received last year. If you would like more information or to help with the planning, please contact Suzanne Dodson at [Suzanne.dodson@swe.org](mailto:Suzanne.dodson@swe.org)

- **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 [cayti.burch@swe.org](mailto:cayti.burch@swe.org).

- **Suzanne Dodson** was recently featured on CNN money.com as an extreme saver. See the whole story [here](#)

- **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](http://www.obl.org). Peg is being treated at Saint Francis Hospital

## *SWE Happy Hour & Social*

Please join us at McNellie's for a SWE Happy Hour on Thursday, November 19<sup>th</sup>, at 5:30 p.m. This is a great opportunity to network and simply relax and enjoy the company. We hope to see you there!

*To RSVP to Jennifer Henry at  
[Jennifer\\_m\\_henry@yahoo.com](mailto:Jennifer_m_henry@yahoo.com)*

## *Community Service Opportunity!!*

Tulsa's Women Builders are working on a Habitat for Humanity house here in Tulsa this month. Christine Hirrill, Tulsa NEO-SWE President, would like to invite you to join her in this community project. They'll be working from 8 til noon on Saturday, November 21st. Keep an eye out for the e-vite or contact Chrstitine for more information at [Christine.hirrill@magellanlp.com](mailto:Christine.hirrill@magellanlp.com)

## *Safety Minute*

There's been a lot of news on driving while texting. Still think it's not really a problem? Alert reader **MJ Green** shares a link with a video that might make you re-think your position:

<http://ut.zerofatalities.com/texting.php>

## sWE09

Several of our members recently attended the SWE National Conference in Long Beach, California. This year's theme was 'Women Advancing the World of Technology'. Local members in attendance included Christine Hirrill, Suzanne Dodson, Meg Broge, MJ Green, Christina Bishop, Mildred Mabirizi, and Carin Meyer. They attended courses in the areas of Professional Development, Career and Life Transitions, Innovation in Technology and Business, Careers in Academia, SWE leadership and participated in the technical and sightseeing tours as well as the social events like the ice cream social, the hospitality suites, the career fair and the awards banquet.

Christine Hirrill attended the *Managing Transitions in Turbulent Times* session presented by a panel of accomplished executive women in various industries. She shares a few of the highlights with us here:

- Adversity reveals genius in the form of either increasing technical genius or broadening your skill set
- Employees should know their role in employer's goals
- "High touch" is critical during difficult times. This is defined as generally being available to people by talking to them, letting them see you and know who you are and what you believe, and sharing your strategic intent.
- When in crisis, it is best to remain focused on goals and don't get distracted by non-essential issues. Re-assess your priorities regularly, manage your expectations, and focus on the positive.
- Make a difference on a daily basis if ever so small and discuss with others how they can do the same.

Some suggested reading included *Blink: The Power of Thinking Without Thinking* by Malcolm Gladwell and *Now, Discover Your Strengths* by Marcus Buckingham and Donald O. Clifton. Both books are available through the Tulsa City-County Library.



Tulsa NEO SWE members Suzanne Dodson, Christine Hirrill, and Meg Broge in Long Beach

### Upcoming Webinars: Collaborative Negotiation

Collaborative Negotiation is a communication paradigm that enables workplace issues to be discussed with decency, respect and integrity, using proven negotiation techniques rooted in mediation and conflict resolution theory. This webinar series offers engineering professionals a model to integrate collaborative bargaining skills into their leadership, management and communication styles.

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

Part I – aired October 29<sup>th</sup>, you may view the replay by logging in at [www.swe.org](http://www.swe.org)

Part II – November 10<sup>th</sup>

Part III – November 17<sup>th</sup>

Recommended reading: *Getting To Yes* by Fisher and Ury . Available at the Tulsa City-County Library.

More information at:

[http://societyofwomenengineers.swe.org/index.php?option=com\\_content&task=view&id=774&Itemid=295](http://societyofwomenengineers.swe.org/index.php?option=com_content&task=view&id=774&Itemid=295)

## CEU's

### **REVOLUTION: Oklahoma Wind Energy Conference**

December 2<sup>nd</sup> & 3<sup>rd</sup> in downtown OKC at the Cox Convention Center. The conference will explore the importance of utilizing natural gas, demand-management and efficiency as partners to renewable resources as well as look at regional developments for transmissions and distribution. National and local experts will discuss the best ways to capitalize on the economic development opportunities presented by wind energy, from both the landowner and the developer perspectives. Panelists will present research and models for balancing wildlife and environmental issues with wind energy development. For more information, visit [www.okwindrevolution.com](http://www.okwindrevolution.com) or call (800) 203-5494.

### **Words at Work: Business Writing for Success**

December 8, 2009  
9:00 a.m. – 4:00 p.m.  
OSU-Tulsa

Business professionals who are able to prepare effective business documents not only write well but make a good first impression, which leads to a better professional image. This seminar will teach you the skills and techniques of communication information clearly, concisely and conscientiously. In addition to good writing, you will also learn persuasive, effective writing techniques that will successfully create an impact through your selection of words and style.

**Get information about other engineering society meetings at [www.tulsaengineer.org](http://www.tulsaengineer.org)**

### **Engineer Society of Tulsa**

Mondays at 11:30, OneOK cafeteria  
11/9 – Oklahoma Blue Thumb  
11/16 – Corps of Engineers  
11/30 – TASM proposal to bring a Space Shuttle to the museum

### **IEEE**

11/10/09 - Digital Forensics

### **OSPE**

12/3 – Director of Homeland Security

### **Tulsa Engineer Foundation Joint Engineers Holiday Dinner Party**

All TEF Organization members, spouses, and their guests please join us at our annual holiday party and dinner Thursday, December 10, 2009 at the Tulsa Country Club, 701 N. Union Ave. There will be an opportunity to enjoy an evening of fellowship and good food and drink with others in our technical community. Visit [www.tulsaengineer.org](http://www.tulsaengineer.org) for more information and to RSVP.

## **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](http://www.nationalcowboymuseum.org)  
405.478.2250

*Through January 10<sup>th</sup>, 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 whasit 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



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!

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!

[www.tulsaengineer.org](http://www.tulsaengineer.org)