

# Tulsa-NEO SWE

Society of Women Engineers

## Is it time to get involved?

Each newsletter contains a multitude of ways for you to get involved in SWE. There is the ongoing Sass-E Girlz program at Carver Elementary, our yearly Badge Days, opportunities for community involvement with Habitat for Humanity and other organizations, as well as professional development opportunities fill our calendar. We hope you enjoy the varied activities we offer and have enjoyed seeing our group grow as more of you join in.

We'd like to take this opportunity to let you know that our membership year end is coming up in May and it will soon be time for officer elections and planning our 2010-11 event year.

If you have ideas for events or would like to serve as an officer or committee member, please contact any of our current officers (listed on the back page).



*Linette Patterson, Judy Vera, Christine Hirrill, Abigail Wendt, Meg Broge, Rena Armstrong, and Suzanne Dodson attended the Region i conference last month. Rachana Agrawal (not pictured) also attended.*

- **3/26 Tulsa Engineering Challenge**
- **3/30 Tour: Mohawk Water Treatment Plant**
- **4/10 Badge Day**
- **4/17 Dress for Success**
- **4/22 Social @ TeiKei's**



 Girl Scouts.



## Badge Day is April 10th

Tulsa NEO-SWE is hosting a Science & Engineering Badge Day on Saturday, April 10<sup>th</sup> from 9 AM to 3 PM at the University of Tulsa in Keplinger Hall for area Girl Scouts. We have leaders for five different badges and would love to have additional volunteers to help. Several of the badges will be using one of the Agilent Kits and extra hands are always welcome! The badges we have scheduled are:

Math, Maps & More –

Christina Bishop & Selen Cremashi

[Christina.bishop@gmail.com](mailto:Christina.bishop@gmail.com)

Space Exploration –

Jana Smith

[jana.k.smith@spiritaero.com](mailto:jana.k.smith@spiritaero.com)

Plant Power –

Dr. Laura Ford

[laura-ford@utulsa.edu](mailto:laura-ford@utulsa.edu)

Uncovering the Evidence –

Judy Vera

[jvera@windstream.net](mailto:jvera@windstream.net)

Build a Better Future –

Barbara Wollmershauser & Mary Jane Green

[wollmersh@aol.com](mailto:wollmersh@aol.com)

The event coordinator is Abigail Wendt. **We still need people for the career panel at lunch and for room assistants.** Please contact Abigail directly if you have any questions or would like to help in a general position for the day at [Abigail.wendt@magellanlp.com](mailto:Abigail.wendt@magellanlp.com)

**“Overcoming Analysis Paralysis”** – When analytic people examine issues excessively or become bogged down in details, it is important to know how to “get out of your head and go with your gut.” A dialogue between friends – one, a seasoned women engineer and SWE member, the other, a certified life coach and writer – led to these practical insights on an all-too-common problem. The article is in the Spring 2010 SWE Magazine on page 64. “Great article!” ~ Meg Broge.

If you have not joined yet, borrow a friend’s copy. By joining in early may, you get fourteen months of membership for the price of twelve!

Membership year is July 1 – June 30.

## *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.

- Tulsa City Parks will be having a **Coupon Swap** on Thursdays from now until April at Reed Recreation Center from 5:30 to 6:30 pm. The cost is free. Find out more at [www.tulsaparks.org](http://www.tulsaparks.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).

- **Tulsa-NEO SWE is adopting the Oklahoma Blood Institute** as one of our community outreach programs. **Peg Lewis** was the mother of our chapter secretary, Cayti Burch and she had a rare form of cancer that requires many blood transfusions. Just donate at any time! Your time could save a life! You can make an appointment online at [www.obi.org](http://www.obi.org).
- **Several articles regarding technology and women have appeared in the news lately. Check them out:**

[Female space pioneer promotes science careers](#)

[Nobel winners call for gender balance in science](#)

[Tech industry searching for girls gone geek](#)

[Geeks drive girls out of computer science](#)

### *Spring Tour: Mohawk Water Treatment Plant*

We will tour the plant on Tuesday, March 30 during the lunch hour. Plans are to meet at 11:45 at the plant.

RSVP to [cburch@aep.com](mailto:cburch@aep.com)

Find out more about the Mohawk Water Treatment Plant at <http://www.cityoftulsa.org/city-services/water.aspx>

### *Engineers Without Borders*

Several chapters of EWB have projects in Haiti related to community and infrastructure needs. You can donate to the EWB projects at [www.ewb.org](http://www.ewb.org). There is also a need for French or Creole speaking civil and structural engineers. Find out more at their website.

### *Thank you from a member*

*From Cayti Burch:*

*"I would like to thank all my friends for your prayers, kind thoughts, cards, e-mails, and support during my mother's struggle with cancer and after her loss. You all have touched my heart in so many ways, and the many ways you all have shown your love and support to me have been very precious to me during this difficult time."*

Placeholder

## *SWE Webinars now available for 2010!!!*

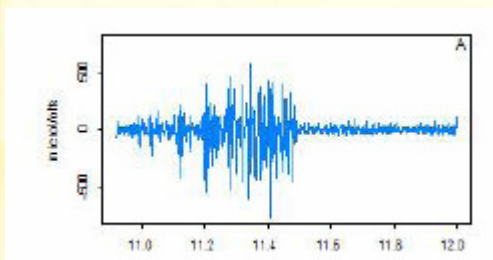
3/11/10

Developing Your Own Work/Life Strategy

How you can achieve the optimal work-life balance in the future by assessing your goals today.

Presented by Rachel Hutter, Disney's Animal Kingdom

Notes: I was able to attend this webinar and it was very interesting to hear Work/Life Strategy from an engineering perspective. One visual Rachel shared was from her perspective as a controls engineer. She likened a busy life to an instrument trend with a lot of noise on it. She said there are always a lot of things going on, the important thing is to be aware of how you are doing overall, i.e. how does the filtered trend-line look? ~ C. Burch



4/8/10

Communication Style: Power or Pitfall?

Learn your communication style and how to pro-actively manage relationships to your advantage

Presented by Anne Miller

4/29/10 4:00 PM CST

Managing Global Teams

This webinar will discuss prevention and intervention strategies for cross-cultural conflicts

Presented by Sandy Lieske, Hewlett Packard

5/20/10 4:00 CST

Strategic Crisis Management

Choose the right strategy and avoid using single-culture-based approaches on multicultural situations.

Presented by Ed Rapp, Caterpillar Inc.

Learn more about SWE webinars and podcasts at [www.swe.org](http://www.swe.org) follow the link for Professional Development

## **Dress to Impress**

***April 17th from 10:00a.m. to 3:00p.m. at OSU – Tulsa.***

Help others and help yourself! This will be an event where you can learn business dress solutions, brush up on interviewing skills and learn how to negotiate raises. We will also have great door prizes from local retailers!

We will also be collecting clothing for the local charity 'Dress for Success'. Dress for Success promotes the economic independence of disadvantaged women by providing professional attire, a network of support and the career development tools to help women thrive in work and in life. Clean out your closet and bring your gently used business attire to help other women succeed!

Find out more about their organization at [www.dressforsuccess.org](http://www.dressforsuccess.org)

**Long-term Financial Planning & Security**

March 25, Hardesty Regional Library

The Tulsa City-County Library's Research Center and the Tulsa County Bar Association is offering a series of free seminars to help educate the community about financial matters in difficult economic times. Speakers: Vicky Watkins, Social Security Administration; Irving Faught, Oklahoma Securities Commission; and Travis Barnett, local attorney. They will share information on Social Security benefits, different investment options and other retirement programs, including military. Information: Call Robbie Sittel at 596-7946, or e-mail [rsittel@tulsalibrary.org](mailto:rsittel@tulsalibrary.org), or call John Thomas Hall at 284-0310, or e-mail [john\\_hall70@yahoo.com](mailto:john_hall70@yahoo.com).

**Tulsa Geological Society April Dinner Meeting**

4/6/10  
 5:30 Social Hour, 6:30 Dinner, 7:00 presentation  
 Mayo Hotel  
 \$25 members/ \$30 non-members

Join the TGS and the TAPL to hear Oklahoma Corporation Commissioner Dana Murphy discuss new state regulatory issues affecting the oil and gas industry, including horizontal drilling and fracture stimulation.  
[www.tulsageology.org](http://www.tulsageology.org)

**Tulsa Engineer Foundation Calendar**

Be sure to check the TEF calendar. Many society meetings also count as CEU's depending on the topic. ASHRAE, ASME, EST, OSPE and many more have regular meetings on various days at different times. There's something to fit everyone's schedule and a wide range of topics to choose from.

***CEU's &  
 Activities***

**Ongoing Series**

OSU-Tulsa Spears School of Business offers a series of professional development seminars year-round. See the entire schedule and information on the seminars at <http://spears.okstate.edu/cepd/>

Some of the upcoming topics include:

The Power of Influence  
 Written Communication for the Business E-Mail  
 Crucial Communications

**OAPC Power Lunch & Learn**

Topic: Helping Leaders Grow Leaders  
 Date: 3/25/10 from 11:30 to 1:00 p.m.  
 Location: Marriott Southern hills  
 Cost: \$18 for members; \$25 for guests

Leading internally through influencing the team or peers; leading externally through improved relationships with suppliers and customers; leading upward through inspiring trust and influencing managers and leading downward by supporting and empowering direct reports.

<http://www.theoapc.org/news-events/lunch-learn/march-2010-lunchlearn/>



## 2010 TULSA ENGINEERING SUMMIT

### *2010 Tulsa Engineering Summit Another Success for Tulsa-NEO SWE!*

Tulsa-NEO SWE, with the Tulsa Engineering Foundation, presented the second annual Tulsa Engineering Summit on Friday, March 5 at the University of Tulsa. Over fifty professionals attended the summit and over seventy professionals and student attended the adjacent job fair. The Summit included technical and professional development seminars that added up to seven PDH's. Lunch included a presentation by Stuart Solomon, COO of the Public Service Company of Oklahoma, entitled "Technology: The Path Forward", a discussion of new technological development for PSO, including GridSmart applications, AMI and distribution automation, renewable energy, carbon capture/storage and more. Kudos to Suzanne Dodson, the organizer, and to all her helpers, for a wonderful program and a great opportunity for engineers in Tulsa! Good job, all!

## Agilent Afterschool Kits

Materials for an engineering based activity for 4 kids - \$22!!!

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



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!

*Tulsa NEO-SWE would like to thank the following sponsors:*

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

*ConocoPhillips lists the following openings in Bartlesville, OK:*

Feb. 26, 2010 –

**Technology Staff Scientist**  
**Technology Staff Engineer**  
**Biofuels Research Engineer**

Feb. 25, 2010 –

**Modeling Engineer - Computational Fluid Dynamics**

Jan. 27, 2010 –

**Manager, Analytical Services, Technology R&D**

Jan. 21, 2010 -- **Information Technology Intern**

Feb. 19, 2010 -- **Accounting/ Finance Intern**

*Magellan Midstream Partners, L.P. lists the following opening in Tulsa, OK:*

Jan. 26, 2010 -- **Environmental Air Specialist**

*(For complete job descriptions go to [careers.swe.org](http://careers.swe.org))*

*Linde Process Plants, Inc. lists the following opening in Tulsa, OK:*

**Process Engineer**

*(For complete job descriptions go to [www.lindebocpp.com](http://www.lindebocpp.com))*

*Questar lists the following openings in Tulsa, OK:*

**Senior Reservoir Engineer**  
**Engineering Technician**

*(For complete job descriptions go to [www.questar.com](http://www.questar.com))*

# Jobs & Internships

*Frontier Electronic Systems lists the following openings in Stillwater, OK:*

**Aerospace/Mechanical Engineer**  
**Board Design Engineer**  
**Project/Systems Engineer**

*(For complete job descriptions go to [www.fescorp.com](http://www.fescorp.com))*

*Exterran lists the following openings in OK:*

03/05/2010 -- **Process Engineer-Staff** - Broken Arrow, OK

02/17/2010 -- **HSE Manager** -- Yukon, OK

02/10/2010 -- **Applications Engineer-Staff** -- Broken Arrow, OK

*(For complete job descriptions go to [www.exterran.com](http://www.exterran.com))*

*LaBarge lists the following openings in Tulsa, OK:*

**Associate SMT Manufacturing Engineer**

**Test Engineer III**

*(For complete job descriptions go to [www.labarge.com](http://www.labarge.com))*

## Switching Jobs?

Meg Broge, of Venture Technical Resources, offers these job search tips:

After deciding to apply for a position and before you submit your resume:

- Make sure your resume fits the job.
- Include volunteer work or personal work that is appropriate for the position
- Contact your references. Make absolutely certain that you know what they will say about you. If there is any doubt that they will give you a glowing reference, either make amends or take them off your reference list.
- Contact anyone who could help you get an introduction to hiring authorities within the company.

We would also like to take this opportunity to remind you to make sure you have an alternate e-mail on record with us. If you currently receive the SWE newsletter at your work address and we do not have an alternate e-mail for you, you may lose a valuable networking tool – your contacts with Tulsa-NEO SWE!

**ASME Student Professional Development Conference** is at ORU on March 26th & 27th. Judges are still needed for the competitions. If you are interested, please contact Dr. John Matsson at [matssonj2@asme.org](mailto:matssonj2@asme.org)

More information is available at <http://tulsaengineer.org/societies/asme/>

## Tulsa Engineering Challenge

Friday, March 26th at Tulsa Tech Riverside Campus from 9:00a.m. til 2:00 p.m.

This is a science, technology, engineering, and math based competition between schools in the Green Country Area. Grants and donations make it possible to offer this opportunity to area students for FREE! If you know a student who would be interested, direct them to the link on the front page of [www.tulsaengineer.org](http://www.tulsaengineer.org). It's not too late to register!

Our very own Chriss Chavez, currently Tulsa-NEO SWE Vice President is the chair of this event. Barbara Wollmershauser is also involved in the planning. Several of our other members are judging the events. For more information or to volunteer e-mail [tech@tulsaengineer.org](mailto:tech@tulsaengineer.org)

### **Mark Your Calendars:**

Our next social/get-together will be at TeiKei's at 16<sup>th</sup> & Utica on Thursday, April 22nd. SWE will provide appetizers and the fun begins at 5:30. Hope to see you there!

Look for the e-Vite soon!

### **Request for Speakers:**

The TU section of SWE needs a few more speakers to finish out their year. This would consist of having lunch with the TU SWE section and talking about why you became an engineer and also about your job. The remaining dates are March 22, April 5, and April 19<sup>th</sup>. Please contact David Lee at [david-lee@utulsa.edu](mailto:david-lee@utulsa.edu). Also contact David if your company would like to sponsor a lunch for the section.

### **Looking ahead:**

Next year we will hold our 3rd Green Country Girls' Night – an all night event to introduce 7th & 8th grade girls to engineering. Contact [cburch@aep.com](mailto:cburch@aep.com) to help with the planning.

Also, we are thinking about making a bid to host the 2012 Region i conference here in Tulsa in February of 2012. We feel that we have a great supportive membership and there are several student sections of SWE in the area that will be able to help. Planning for this will begin later this year.

## **2009-10 Officers & Committee Chairs**

### **President:**

Christine Hirrill [Christine.hirrill@magellanlp.com](mailto:Christine.hirrill@magellanlp.com)

### **Vice-President:**

Chriss Chavez [gichic7@gmail.com](mailto:gichic7@gmail.com)

### **Secretary:**

Cayti Burch, [cburch@aep.com](mailto:cburch@aep.com)

### **Treasurer:**

Barbara Wollmershauser, [wollmersh@aol.com](mailto:wollmersh@aol.com)

### **Section Rep:**

Meg Broge, [mbroge@venturetechnicalresources.com](mailto:mbroge@venturetechnicalresources.com)

### **Committees:**

#### **Professional Development**

Judy Vera [jvera@windstream.net](mailto:jvera@windstream.net)

#### **Fundraising**

Stacy Minnich [stacy.minnich@verizonbusiness.com](mailto:stacy.minnich@verizonbusiness.com)

Dahlia Weakley [Dahlia.weakley@johnzink.com](mailto:Dahlia.weakley@johnzink.com)

#### **Membership**

Mary-Jane Green [maryjane.green@bp.com](mailto:maryjane.green@bp.com)

Abigail Wendt [Abigail.wendt@magellanlp.com](mailto:Abigail.wendt@magellanlp.com)

#### **Outreach**

Cayti Burch

Chriss Chavez

#### **Publicity**

Yolanda Gosie [ygosie@expl.com](mailto:ygosie@expl.com)

#### **Social**

Tonya Dawson [tonya.dawson@mcleodusa.com](mailto:tonya.dawson@mcleodusa.com)

Lisbeth Navarro [lisnava@hotmail.com](mailto:lisnava@hotmail.com)

Jennifer Henry [Jemifer\\_m\\_henry@yahoo.com](mailto:Jemifer_m_henry@yahoo.com)

#### **Website**

Yolanda Gosie