

Tulsa-NEO SWE

Society of Women Engineers

Engineering & Haiti

We have all seen the pictures, video and tears following the devastation in Haiti. We may choose to show our support in many ways: prayers and thoughts, donations, mission trips, volunteer support to organizations working to reach out to the millions of displaced people. A quick Google search of 'engineer' + 'Haiti' will turn up a quote from the First Lady of Haiti who said, "*We need support. We need help. We need engineers.*" (SperoNews.com, 1/14/10).

Rebuilding Port au Prince will offer Haitians many challenges – and many of them will be met by engineers. Engineers will rebuild the roads and bridges. Engineers will be called on to design new schools, hospitals, and government buildings. Engineers will have to design the power and water distribution systems. Engineers are currently providing the know-how for rebuilding the port, sorting out logistical problems, and so many other functions that are critical to the survival of the people and the rebuilding of their city.

What a time to be an engineer! The opportunities in Haiti are also an opportunity to show how valuable engineers are to our way of life.



- *E-Week*
- *Brownie Day*
- *Engineering Summit*
- *Badge Day*
- *Tour: Mohawk Water Treatment Plant*
- *Dress for Success*



E-Week is February 14-20

The **EWeek Engineers Luncheon** is on Wednesday, Feb. 17. “The Boeing 787 Dreamliner, Changing the Game” will be presented by Ms. Julie Rieffel, an engineer from Boeing. She will discuss how the 787 meets the needs of the modern aerospace market – focusing on technological advances to improve fuel efficiency, reduced noise signature and reduce maintenance costs. It will be held at the Tulsa Country Club at 11:30 AM. Contact Eric Zellers at 918.627.6161 or send an email to ezellers@meshekengr.com for reservations. The cost is \$20.00

E-Week Events 2/19 – Introduce a Girl to Engineering Day

www.eweek.org

An outreach to high school students, the **EWeek Student Breakfast** is on Friday, Feb 19. The breakfast program will be followed by a series of presentations for the student guests on the different engineering careers available in the various disciplines. It will be held at the Southern Hills Hilton Hotel at 7902 South Lewis. Local companies are encouraged to sponsor a student table. Contact Hollis Allen at 918.249.2208 or send an email to hallen@walterpmoore.com for more information.

Nationwide companies are encouraged to host “**Introduce a Girl to Engineering Day**” on Thursday, Feb. 18. A product of the first National Engineers Week Diversity Summit, which took place in 1999, this special day is designed to give K-12 girls and young women the opportunity to experience engineering firsthand. Women engineers serve as mentors by introducing girls to the profession in a direct and personal way through access to real-life engineering projects and solutions.



Thanks to all who came to our 2nd annual Three King's Day party! We had a great turn out and a good time was had by all.

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 Scholarship deadline is February 15th.**

Not sure if you qualify? Find out more at <http://societyofwomenengineers.swe.org> and click on 'Scholarships'

- **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

- **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.

- **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. Peg is being treated at Saint Francis Hospital

Spring Tour: Mohawk Water Treatment Plant

We will tour the plant on Tuesday, March 23 during the lunch hour. Plans are to meet at 11:45 at the plant.

RSVP to 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. There is also a need for French or Creole speaking civil and structural engineers. Find out more at their website.

Update on Peg Lewis

Our chapter is supporting Oklahoma Blood Institute in support of our secretary's mom, Peg Lewis. Peg lost her battle with cancer on January 24th. The family would like to ask that you continue to donate blood at OBI or your local blood bank and register to be a bone marrow donor.

Donations may be made in memoriam at www.transplants.org

SWE Webinars now available for 2010!!!

2/4/10

Wow! That's Engineering! Making the Most of Your SWE Outreach Event

Presented by Shayla Bennett and Randy Freedman

2/11/10

Collaboratively Negotiating for the Compensation that You Deserve: Part I

Learn to get what you need and deserve while building relationships in the process.

Presented by Elaine Rosenblum

2/25/10

Collaboratively Negotiating for the Compensation that You Deserve: Part 2

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

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.



Tulsa NEO SWE members Christine Hirrill, Peggy Milliken, and Abigail Wendt help build a house with Habitat for Humanity in November.

Sneak preview of other 2010 Webinars and Podcasts

- ◆Negotiating Your New Career
- ◆Leading Change and Organizational Renewal
- ◆Strategies for Environmental Sustainability
- ◆Leadership in Supply Chains
- ◆Coaching Your Team for Success
- ◆Thinking Outside the Box:
Creativity in Problem Solving
- ◆Going from Good to Great
- ◆Wikinomics and Mass Collaboration
- ◆Driving Innovation in a Tough Economy
- ◆Be a Leader in Outreach
- ◆Managing Global Teams
- ◆Developing Your Work/Life Strategy

Webinars are \$49 for non-members and free to all SWE members

Learn more about SWE webinars and podcasts at www.swe.org follow the link for Professional Development

CEU's & Activities

Better Investing Education Session

The Better Investing Chapter invites you to attend a free stock study session. BetterInvesting is a nonprofit educational association for individual investors and investment clubs. We support our members through educational classes and fairs, held nationally, locally and regionally. We do not make stock recommendations, only provide investment education so investors are empowered with the ability and confidence to apply judgment and make their own investment decisions.

1/28/10 7:00-7:50pm

Schusterman-Benson library

<http://betterinvesting.org/chapters/tulsa>

Tulsa Geological Society Meeting

Hear geologist and political activist Don Burdick talk about the prospect of drilling for oil and gas within city limits to help fund Tulsa Streets.

2/2/2010

5:30 social hour, 6:30 dinner, 7:00 presentation

Petroleum Club

\$25 for members, \$35 for non-members, \$5

students

www.tulsageology.org

Self Defense for Haiti – Ladies Self-defense seminar – Feb 20th

Quest Academy of Martial Arts is offering to the public a Ladies Self Defense Seminar, which is designed for women, ages 13 and up, who have had no previous experience in the martial arts. This 90 minute seminar on Feb 20th will begin promptly at 1pm and will be taught by 4th Degree Black Belt, Brian Twitty. The cost is \$15 per person and will go to benefit the Hope Village Orphanage in Les Cayes, Haiti. For more information about this orphanage, please visit www.freethekids.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.

Upcoming Conferences

It's not too early to mark your calendars with the dates for SWE10. The SWE National Conference will be November 4-6 in Orlando, FL this year.



The 2010 Region I conference will be February 26-27 in Columbia, MO. For more information check out the Region I 2010 Conference Website at <http://engineering.missouri.edu/swe/>

Area Competitions & Volunteer Opportunities

Central Oklahoma Chapter
Competition Date: 2/6/10
Venue: Oklahoma City College
Contact: Thomas Lear
E-mail: tlear@wavelinx.net

East Central Chapter
Competition Date: 2/20/10
Venue: University of Tulsa
Contact: Anand Kilambi
E-mail: akilambi@cityoftulsa.org

Northeast Oklahoma Chapter
Competition Date: 2/6/10
Venue: Bartlesville Community Center
Contact: Thomas Carlisle
E-mail: Thomas.carlisle@gmail.com

Northwest Oklahoma Chapter
Competition: 2/13/10
Venue: Cherokee Strip Conference Center
123 West Maine St, Enid, OK
Contact: Jason Brinley, 580-231-2055
E-mail: jbrinley@enid.org

Southeast Oklahoma Chapter
Competition: 2/13/10
Venue: Eastern Oklahoma State College
Contact: Mark Wenner



MATHCOUNTS

MATHCOUNTS competition will be held at the University of Tulsa ACAC. MATHCOUNTS is a national enrichment, club and competition program that promotes middle school mathematics achievement through grassroots involvement in every U.S. state and territory. Currently in its 27th year, MATHCOUNTS is one of the country's largest and most successful education partnerships involving volunteers, educators, industry sponsors and students. Volunteers are needed for judging and proctoring. Contact Gaylon Pinc for more information at 918.251-1368 or send an email to ggpinc@pmtulsa.com.

State MATHCOUNTS competition will be held Saturday, March 6th at the Doubletree Downtown Hotel in Tulsa. Volunteers will need to arrive around 8:30 a.m. and most will be done by noon. Lunch will be provided for volunteers. Contact Sheri Penner at 405-528-1435 or by email at sheri@ospe.org

You can find out more at www.mathcounts.org

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



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*

SWE Job Postings
<http://careers.swe.org>

Tulsa-NEO SWE Job Postings

Southwestern Power Administration
Deputy Assistant Administrator
<http://www.swpa.gov/employment.aspx>.

Federal Employee Announcement SW-2010-04
Non-Federal Employee Announcement DEU-SW-2010-04
(This is one job with two different announcement numbers depending on whether or not you are currently a Federal Employee or not.)
Opening date 1/14/2010 and closes 2/1/2010.

Qualifications:

- Knowledge of wholesale power marketing business practices.
- Knowledge of the structure, policies, procedures, and roles of the Office of Management and Budget, legislative process, and appropriations process.
- Knowledge of the Federal budget process.
- Demonstrated ability to develop working relationships at all levels of an organization.
- Demonstrated skill of interpersonal influence by articulating complex or technical information so that others can understand.
- Knowledge and understanding of management principles and practices.

Contact Information: Margaret Skidmore, (918)595-6619.

Contact Meg Broge to list job openings in the newsletter.
918-492-9340 mbroge@VentureTechnicalResources.com