

Tulsa Society of Women Engineers

2012 Region I conference to be held in Tulsa!

Tulsa beat out three other proposed locations to host the 2012 Region I SWE Conference. The conference is planned for March 2nd and 3rd, 2012, and will be held at the Hilton Southern Hills. Events will include technical tours of area factories, a keynote address from the director of the NASA Mars Rover missions, a Monte Carlo night with casino games played with "SWEbucks", and culminate with dinner at the Oklahoma Aquarium. Nearly 200 women engineers from a six-state area, including Texas, Iowa, Arkansas, and Oklahoma are expected to attend.

For information on corporate sponsorship opportunities, or to get involved with the planning of this conference, email [Suzanne Dodson](mailto:Suzanne.Dodson). This will be an excellent opportunity to showcase all that Tulsa has to offer. We need plenty of excited companies and volunteers to help make it happen!



Letter from the President	2
Member Biography	2
Event Calendar: Sept & Oct	3
SWE National Conference	4
Event Recap	5
Local Job Postings	6

Letter from the President

I'm so pleased that we see new faces at nearly every Section event and I hope to continue our positive membership trend this year in both retention and growth. Our calendar of events is in full swing with the end of summer BBQ behind us and a technical tour on the horizon. So far, there are five confirmed members going to Chicago for the [National Conference](#) October 13th -15th and we hope more will be able to come. Our Section won two membership awards at the Conference last year (first time ever) so the award committee busily compiled applications for several more awards this summer and our fingers are crossed because these awards bring in funds for our events. Closer to home, the Regional Conference planning committee is hard at work securing funding for the conference that will be held in Tulsa March 2nd-3rd 2012. This will be the first time the Tulsa professional Section will lead the charge to host a Regional conference and I'm looking forward to it!



Christine Hirrill, president

Member Biography



Welcome to a new year with the Tulsa/ NE Oklahoma section of SWE! For those who I have not yet met, I am a newer addition to Tulsa, having moved here last October from greater Cleveland, OH. I graduated from The Ohio State University with a B.S. in aeronautical engineering, and a minor in business administration. I accepted a position in the GE Powerplant Engineering group at American Airline's Maintenance and Engineering facility. I am the cognizant engineer for the fan and gearbox hardware on the engines for the 737 and 767 aircraft fleets. As engines come into the shops for both routine and unscheduled maintenance, I work with mechanics, materials engineers, and planners to implement the best repair for a given part.

Outside of work, I am active in a golf league and co-ed recreational soccer league. I am an avid skier, but finding sufficient hills and snow seems hard to come by in Tulsa! Luckily, working for an airline comes with the benefit of free flights: in the picture I am at the Emerald Sand/ South Point Beach in Hawaii. I avoid the temptation to jet-set every weekend by keeping busy with my rec sports teams, biking, swimming, photography, SWE & church events, and by keeping up with my 2 yr old lab-boxer mix, Sophie.

Attention all members!

Nominate a member to have her biography featured in the monthly newsletter! Recognize a female engineer for her contributions to her work-group or the community.

Send nominations for the October newsletter to Melissa Miesle by September 25, 2011!



Event Calendar: September & October

SEPTEMBER 2011

S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

5 Labor Day
23 Brownie Day
24 Marshall's brewery tour

OCTOBER 2011

S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

10 Columbus Day
13-15 SWE Ntnl Conf, Chicago
31 Halloween

Barley, Hops, and the Golden Driller: what do they have in common? They all reside in Tulsa! Did you know that Tulsans have been commercially brewing beer off and on since the 1930's? Marshall Brewing Company has brought the brew back to Tulsa, focusing on "hand-crafting full strength ales and lagers". SWE is privileged to get an inside look at this local business on September 23 at 5:30pm. Come by after work to learn some of the chemistry and engineering behind craft brewing...and taste some of their fine local brew.

Contact christina.bishop@gmail.com for more information, or wait for an evite to be sent to you soon!



Tulsa Engineering Foundation FabLab

SWE has been invited to attend the Grand Opening of the Fab Lab. It will be held next Tuesday, September 13th at 3:00pm. Please RSVP at fablabtulsa@gmail.com if you will attend. The Fab Lab is located at 710 S. Lewis Ave.
[Check out the Fab Lab here!](#)

"Fab Lab is short for Fabrication Laboratory. It is a community workspace providing access to an array of computer-controlled fabrication technology such as 3D Printers and Laser Cutters that can be used to conceptualize, design, develop, and fabricate almost anything. Fab Lab was originally developed by the Massachusetts Institute of Technology (MIT). It has been deployed to over 40 different locations on 5 different continents. Fab Lab Tulsa is collaborating with MIT to be the 50th location. It will be a community center for innovation, entrepreneurship, and technological education"

Hardesty Center for
Fab Lab Tulsa



Brownie Day (September 24)

The University of Tulsa SWE chapter hosts a day of science and engineering activities for the Brownie Girl Scouts. Groups of about 20 girls rotate between a variety of hands-on activities that give them an opportunity to experience being a scientist or engineer. Our chapter of SWE hosts a session. In recent years our session has hosted an activity on Lego bridge building (teaching the girls to work as designers and as a team) or deep sea divers (teaching the girls about buoyancy). We will need several volunteers to help run the session.



Please contact [Christina Luks](#) if you are available to help!!

SWE National Conference

WE11: October 13-15 Chicago, IL

<http://we11.swe.org/>

Whether you are a professional or a collegian, you can:

- Participate in valuable professional development [sessions](#)
- Network with other engineering professionals and students
- Find your dream job at the [Career Fair](#), featuring more than 200 companies, government agencies and universities
- Experience Chicago through numerous technical and sight-seeing [tours](#)
- Enjoy exciting plenaries, [keynote speakers](#) and awards banquets, including Celebrate SWE!

Registration is now open for the 2011 SWE National Conference. Please visit the [registration site](#) for online applications, FAQ, and important information to remember. The site also includes information for lodging that will be offered to conference members at a discounted rate.

Professionals and students are encouraged to register by September 16!

A full conference schedule may be found [here](#)!

Be sure to check out the [Lava Lounge Contest](#). Participants are invited to share experiences and accomplishments in engineering by designing a 6" x 6" square that reflects their perspective as an engineer or SWE member. Those designing a square are also asked to submit a short essay that explains the meaning behind the design. The finished quilt will be displayed during the 2012 National Conference in Houston. Entries are due September 30; please visit the Lava Lounge section of the WE11 website for more details!

Contact [Christine Hurrill](#) with any questions on how to register for the 2011 National Conference!



RAISING THE HEIGHTS OF INNOVATION
October 13-15, 2011 // McCormick Place // Chicago, Illinois

Event Recap

Not even the blistering Oklahoma heat could deter the group from gathering at the local Tulsa NEO chapter of SWE End of Summer Cookout. This year's event was held at the Burning Tree Community Pool, coordinated by Mary-Jane Green with help from Suzanne Dodson and Chriss Chavez. There was more than enough space for everyone and their families under the covered patio and the outdoor ceiling fans provided a welcomed breeze to help beat the heat.

In attendance were several members, both old and new, and their families for an afternoon of good food, good conversation and some intense water volleyball. On the menu this year was a variety of foods including humus, venison, beef, hot dogs, and veggie burgers with all the fixings. Not to mention the sweet watermelon that was the perfect desert to end the afternoon. Special thanks to Suzanne Dodson for providing the venison. The grilled patties were delicious!

As is customary, SWE held a drawing to pay the annual dues of a lucky winner for the 2011-2012 fiscal year. However in a surprise turn of events, this year SWE was able to award not one but two winners with membership assistance for the upcoming year. Our grand winner was, Jordan Dettlaff, a student at TU who won a fully paid student membership. And the runner up was, Monica Rodriguez, who won \$80 to be applied towards her annual membership dues. Congratulations to both young ladies.

Thanks to all who participated and made this event a huge success. And special thanks to Tulsa NEO chapter of SWE, and several of its dedicated members for picking up the tab and allowing some guests in attendance to swim at no cost.



Freshmen Dinner

The Tulsa NEO SWE section met with the University of Tulsa collegiate SWE members on August 29th for their annual Freshman Dinner. This event focuses on the creation of a support network for female engineers as they enter college, but also offers a chance for professionals to maintain that relationship with older students. The event this year was a huge success with approximately 9 professional members and 12 students. Tulsa NEO SWE provides an industrial mentor for the TU SWE section each year, and is pleased to be involved in events with both TU and ORU student members throughout the year.

If you are interested in supporting collegiate SWE members, please contact Monica Rodriguez at monica.rodriguez@williams.com.



Local Job Openings

Honeywell

At Honeywell, we look for people driven by a desire to contribute, be challenged and grow. Our people make Honeywell a special company and are a key competitive advantage.

Honeywell International is a \$36 billion diversified technology and manufacturing global leader. Honeywell has more than 125,000 employees in 120 countries around the world and has a demonstrated heritage of innovation and achievement.

Callidus is part of Environmental Combustion and Controls (ECC), a strategic business unit in Automation and Control Solutions (ACS). ECC provides integrated product solutions in heating and heating processes, ventilation, cooling and refrigeration, air purification, zoning, humidification, air conditioning, water controls and processes, electrical devices and systems, lighting control, switches, sensors and controllers. Our technologies are found in more than 150 million homes, 10 million buildings, and a multitude of manufacturing plants around the world. Customers include original equipment manufacturers, commercial, homeowners, contractors, retail, trade building managers, consulting engineers and distributors.

We are currently seeking a **Project Engineer** in our **Tulsa, OK** facility. This position will execute projects from turnover from sales through shipment of services or equipment to our clients in the refining, reforming and petrochemical industries.

[To apply for this position, please visit www.careersathoneywell.com and enter requisition #00172700.](http://www.careersathoneywell.com)

As an Equal Opportunity Employer, Honeywell is committed to a diverse workforce.

Basic Qualifications:

- Bachelor's of Science degree in Engineering.
- 5 years of project and design

General Duties & Responsibilities:

- Generate additional revenue on orders by finding cost savings in value engineering meetings on products and charging clients for scope creep or projects.
- Maintain estimate versus actual on costs to complete a project by eliminating penalties on late documents and shipments.

Additional Qualifications:

- 5-10 years of project and design experience, 5 of these years in the combustion industry preferred.
 - Testing experience of process burners.
 - Mechanical or Chemical Engineering degree preferred.
 - Experience reading blueprints.
- Willingness to travel and ability to obtain a passport.

Attention Tulsa-area Hiring Managers!!

Is your team or company hiring? Looking to hit a wide-range of applicants at once?

The NEO/ Tulsa Society of Women Engineers monthly newsletter goes to 300 members, plus is available on our website. Our professional development committee would love to help get the word out for your job posting! Please contact newsletter editor [Melissa Miesle](#) with the details of your posting.

