

SOUTH OHIO



Society of
Women Engineers

ASPIRE • ADVANCE • ACHIEVE

Welcome from South Ohio SWE President Karla Tankersley

Throughout the past several years I've had the pleasure to be involved in SWE. My previous board experiences have been as Vice President and Outreach Chair. Hopefully I have seen you around our events, or regional or national conferences. **I've really put my heart into SWE and gotten so much in return.** Great friends, colleagues and leadership experiences that have benefited my engineering career. **I would encourage all our members to take advantage of all the SWE has to offer.**

There has never been a more exciting time to be in South Ohio SWE. This year we are all about **Innovation for the Future**. We will offer facility tours, workshops and speakers to get us moving and thinking about Innovation. We are ramping up a year of social events to get us out and about

in the community. We also have several opportunities for you to get involved by supporting one of our committees. Please consider lending a helping hand and meeting some of the women working in SWE. Most importantly, we will be engaging you, our members, asking for your feedback, and what we can do to best suit your needs as your local professional section.

My last comment is to make the most of your SWE experience. **Take full advantage of the benefits of your SWE membership.** The SWE national conference is the premiere conference for technical women. The career fair at nationals is the place for anyone seeking employment opportunities. The SWE website also provides a Career Center. Build your profile and let SWE do the



searching for you. The free webinars are available 24/7 to build your abilities and skills to take you to the next level in your career. SWE has so much to offer, on the web, at a conference or in your own backyard, right here in South Ohio. **Pass it on!**

Fall 2009 Upcoming Events— Join Us!!

August

20 Jump Start your Innovation, Eureka Ranch

September

10 General Meeting and Networking

30 Cincinnati Innovates – Patents 101 & Happy Hour

October

3 Reggae Run/Walk

13 UC Engineering Career Fair (All welcome) <http://tribunal.uc.edu/careerfair/>

15-17 SWE National Conference

See www.swe.org/region/southohio

for times and locations, to renew your membership, or to get involved!

2009/2010 South Ohio Board

President:	Karla Tankersley	southohio.swe.pres@gmail.com
Vice President:	Sarah Kronenberger	southohio.swe.vp@gmail.com
Secretary:	Caroline Key	southohio.swe.sec@gmail.com
Treasurer:	Michelle Witherspoon	southohio.swe.treas@gmail.com
Section Rep:	Christin Rauche	southohio.swe.cor@gmail.com

2009/2010 Committee Chairs

Membership:	Anita Todd	southohio.swe.mem@gmail.com
Communications:	Katie Nowicki	southohio.swe.com@gmail.com
HS Outreach:	Sheri Smith	southohio.swe.HSoutreach@gmail.com
Engineering Week:	Christine Gimbel	southohio.swe.Eweek@gmail.com
Elementary/Middle School/Girl Scout Outreach:	open (volunteer if interested!)	
Professional Development:	Jessie Gmeinder	southohio.swe.pd@gmail.com
Social/Networking:	Margaret Adriatico	southohio.swe.social@gmail.com
Dayton Representative:	Stephanie Salas	southohio.swe.daytonrep@gmail.com
National Conference:	Sherry Roth	southohio.swe.natl@gmail.com
Collegiate Liaison:		
	Alison Haskins, Miami	southohio.swe.miami@gmail.com
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SWE Mission

Stimulate women to achieve full potential in careers as engineers and leaders, expand the image of the engineering profession as a positive force in improving the quality of life, demonstrate the value of diversity.



SWE Wants You to Get Involved!
 Contact an officer or committee chair!
 We are looking to pull in some new,
 interested and enthusiastic members!



Exciting Changes for South Ohio SWE

Look for many exciting things to happen in the South Ohio Section this year:

- **New website:** Katie Nowicki is leading a committee to redesign our website to make it more informational and user friendly.
- **Member Survey:** We are going to be contacting our members to get your ideas and suggestions for events and other SWE activities or ideas for the coming year.
- **Member involvement:** We have grown and the number of events and activities we manage each year has grown. We are always looking for volunteers interested in organizing or assisting with an event. **Contact:** southohio.swe.pres@gmail.com to get connected!
- **Member Events:** We have a calendar of events that include outreach, professional development, and social events scheduled for our members in the coming year. Our theme: **Innovation for the Future** Do you have any suggestions for events? **Contact:** southohio.swe.pres@gmail.com



Featured Member: Stephanie Salas, SWE Dayton Representative



School Attended/Degree's Obtained: Wright State University/ B.S. Biomedical Engineering (2006), M.S. Human Factors Engineering (2008)

Profession: Human Factors Engineer, Booz Allen Hamilton

About Me: I have been with Booz Allen Hamilton for almost a year and a half. I have worked with clients such as the Federal Railroad Administration (FRA), US Army Medical Research and Materiel Command (MRMC), US Air Force Human Systems Integration Office (AFHSIO), and US Air Force 711 Human Performance Wing/Human Performance Optimization Directorate (711 HPW/HPO). I have worked on projects such as developing a conceptual design for a moving map display for rail cabs (FRA), developing a Military Nutrition website (Army MRMC), reviewing and writing Human Systems Integration requirements for guidebooks (711 HPW/HPO), and organizing an HSI Awareness program (AFHSIO). The best part about my job is knowing that the work that I perform will have a positive effect on improving war fighter performance in theater. I know that the details that

I work on everyday can have an impact on the overall human performance by making the war fighters job easier, less stressful, and can help bring them home safely.

Why did I become involved with SWE: I have been a member of SWE since I was pursuing my Bachelor's degree and I wanted to learn how to become more connected with other people in my same situation. It seemed as if joining SWE was the right move for me. I lost touch after I graduated with my B.S., but I joined the workforce in early 2008 and I have had a passion to get more involved with the community, so I volunteered to be the Dayton Representative for the South Ohio SWE Section. Now that I am more directly involved with the SOSWE leadership team, I realized that there is a lot to get involved with and many people to learn from here in my own area. There is professional development, volunteer activities, and social events that can help me network with other women engineers. **I feel lucky to be able to reach out to young women looking to become engineers and guide them to make their journey a meaningful and successful one.** I think that SWE has given me a better outlook on what lies ahead for women in the future of engineering and professionalism.

TRACKING ENGINEERING DEGREES AWARDED TO WOMEN

Eighteen percent of engineering bachelor's degrees were awarded to women in 2007-08. That's the lowest percentage since the mid-1990's. Women increased their undergraduate enrollment share slightly from 17.5 percent in 2006 and 2007 to 17.9 percent in 2008. **The percentage of engineering graduate degrees awarded to women is at or near the historical highs at the masters' (23 percent) and doctoral (21.1 percent) levels.**

Other data trends can be viewed at www.asee.org/colleges

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Female	21.2 %	20.8 %	19.9 %	20.9 %	20.4 %	20.3 %	19.5 %	19.3 %	18.1 %	18 %
Male	78.8 %	79.2 %	80.1 %	79.1 %	79.6 %	79.7 %	80.5 %	80.7 %	81.9 %	82 %

Corporate Sponsorships – New sponsorship program is underway

- Support the professional development and growth of women engineers locally
- Contribute to engineering outreach efforts by SWE for local K-12 students
- Have your corporation recognized for its efforts in supporting women in engineering
- Gain corporate visibility within the SWE community locally
- Different levels of sponsorship available

Contact Karla Tankersley, SWE President at southohio.swe.pres@gmail.com if interested



South Ohio SWE Revitalization

South Ohio SWE Professional Members have been working diligently these past few years to continue to grow South Ohio SWE, not only in numbers, but in events and activities to support our members.

This year's theme:

**Innovation
for the Future.**

Don't forget to renew your membership!

Do you have any family or friends who would be interested? Get them involved! SWE South Ohio has something for everyone.

www.swe.org/regiong/southohio