



# SWE Outlook

*The Philadelphia Section ~ Region E*

*FY11.5 May/June 2011*

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## Special Points of Interest

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Julie Nicholas  
Open!

Submit Articles To:  
[newsletter@philaswe.org](mailto:newsletter@philaswe.org)

## LETTER FROM THE PRESIDENT

Hello, all.

The SWE “year” is winding to a close. In a few short days, the new Section Officers will be elected and installed. I hope that you all voted and will give our new officers your full support! I also encourage you to continue to be involved. If you do not have time to be an officer, think about planning an event at your office. Or, join a committee. There are plenty of ways for Philadelphia SWE to utilize your skills.

The May Founders event at the Yards Brewery was a great success. Several Section members and their guests learned the engineering process behind the brewing of several of Philadelphia’s finest beers. We even sampled a few. It is an event worth repeating as there are several local breweries for us to enjoy in the future.

We had a delicious and very jovial End of the Year Brunch at Cuba Libre. I hope that more of you can join us next year as we hope to continue the event at this location. I hope that you all also take the time to nominate your fellow SWE members or employers for Awards. Our Region E as well as the Society offer many opportunities to reward our membership for their tireless efforts on behalf of women engineers.

I will be moving on from my position as President to take a larger role in the Region as the Region E Treasurer. I will continue to be involved in the Section, and I look forward to the 2011-2012 year of events! Thank you all for making this year a success!

SWE’s grace period for dues has changed. Please remember to renew your membership.

-Krista Pohl  
Section President

## NATIONAL NEWS

### **SWE 2011 Annual Conference**

The WE2011 annual conference will be held in Chicago, IL from October 13-15, 2011. The theme is Raising the Heights of Innovation.

Check out the SWE National website for any upcoming news.

<http://societyofwomenengineers.swe.org/index.php>

## REGION E NEWS

### **2012 Annual Region E Conference**

Region E announced this month that the 2010 Region E conference will be held at Columbia University in New York City. Check out the Region E website for any upcoming news.

<http://www.swe.org/regionE/index.html>

## SECTION NEWS

### **F12 Section Officers**

Don't forget to vote for the F12 Section Officers. Please send your votes to Danielle Dunn [dldunnrice@yahoo.com](mailto:dldunnrice@yahoo.com) by Saturday June 18, 2011.

<b>President</b>	Diana Madden
<b>Vice President Outreach</b>	Jennifer Pesch
<b>Vice President (Professional Development)</b>	Tessa Anodide
<b>VP Communication (Sr. Vice President)</b>	Jackee Nowicke
<b>Secretary</b>	Jessica Snyder
<b>Treasurer</b>	Krista Pohl
<b>Section Representative (2)</b>	Tori Morgan Michelle Gawrys Andrea Manning
<b>Alt Section Representative</b>	Adrienne Nikolic

### **F12 Committee Chairs**

The Philadelphia Section is looking for FY12 Committee Chairs. The following positions are open:

Membership  
Scholarship  
Newsletter  
Webmaster  
Corporate Liaison  
Science Fair Coordinator  
Certificate of Merit

Girl Scouts  
Fundraising

Please contact Diana Madden at [diana.madden@swe.org](mailto:diana.madden@swe.org) if they are interested.

### **Certificate of Merit Program Summary for FY2011** **By: Barbara Faust**

The national SWE Certificate of Merit program was established in 1970 to recognize the achievement of high school girls who have demonstrated three years of excellence in their mathematics and science courses and who are also active in their school, community, or church. The program is administered by local SWE sections. Juniors and seniors are eligible for the awards. Student recipients and award level (Highest Honor, High Honor, or Honor) are determined by faculty and/or counselors at each school. SWE guidelines provide for up to three awards per school.

This year we recognized 228 students from 79 of the 115 secondary schools that are located within the Philadelphia Section boundaries and were sent Certificate of Merit award nomination forms; 18 SWE members made the award presentation at 22 of the 25 schools that requested a presenter. Section members who participated in the school award assemblies include Jackelynn Silva, Sara DaSilva, Velda Morris, Danbo Wang, Ayana Wood, Asalie Odom, Nicole Wilson, Liz Henning, Doreen Nixon, Susan Best, Andrea Morris, Barb Faust, Mary Ann Skehan, Letitia Rushton, Elisha Rios, Jen Garner, Maggie Schwartz, and Stephanie Bortko. Several members made award presentations at more than one school. The schools appreciate having a SWE member participate in the ceremony. From a SWE perspective, the students, teachers, counselors, parents, and friends are able to see and meet a woman engineer.

This time of year provides hope for the future as student academic, athletic, music, community service, and other achievements are recognized. Both the schools and students have expressed their appreciation for the SWE awards. Thank you notes from students indicate that the awards recognize their efforts and provide encouragement in their pursuit of achieving success in a scientific field. Many of the SWE awards have been received by students who are in-coming freshman engineering students. Some may soon become new SWE Collegiate Members!

## **Outreach**

This spring was a busy time for Philadelphia SWE Outreach!

On April 2, we partnered with University of Pennsylvania for the first annual Girls in Engineering and Related Sciences (GEARS) Day. Faculty members representing Computer Science, Chemical and Biomolecular Engineering, Bioengineering, Electrical Engineering, and Mechanical Engineering presented hands-on workshops to over 50 high school girls from the Philadelphia area. Volunteers from Philadelphia SWE, Drexel SWE, and Penn SWE assisted with the activities and provided insight into life as an engineer in college and beyond. This major event was funded in part by a SWE Program Development Grant.

On April 16, we hosted a booth at the first annual Philadelphia Science Festival Carnival. We were visited by many children who enjoyed using paper chromatography to separate ink colors.



On April 21, we held a workshop as part of the Philadelphia Neighborhood Science Program at the Haddonfield Library. The workshop titled "Engineering - Dream Big!" focused on learning more about engineering principles and design. Hands-on activities included cleaning up particulate air pollution using a static charge and a device to protect an egg dropped from shoulder height.

On May 23, we traveled to Agnes Irwin School for "Engineering Day." We met with ninth grade girls and presented information about various engineering disciplines before leading them in two hands-on activities focused on engineering design and creativity. In the first activity, the girls designed roller coasters and measured the average speed of a marble running through the tracks. In the second activity, the girls designed a device capable of accurately measuring 60 seconds.

Through the months of May and June, our section has been very active in presenting Certificate of Merits to deserving high schoolers. This program recognizes high school girls who have distinguished themselves in math and science.

Finally, a big thank you to all of the volunteers and event organizers who have made this year's outreach programs so successful! Outreach events are a great way to get involved in our section and to make a difference in the lives of young girls who may not have considered engineering as a career choice. We could not hold these amazing programs without your help.

## Upcoming Events

**SUMMERTIME!!! No events scheduled.**

**Stay cool in the heat!**

### FY11 Candidate Slate

- President - Krista Pohl
- Senior Vice President - Alexis Wallen
- Vice Presidents (2) - Elizabeth (Liz) Hill, Jackee Nowicke
- Treasurer - Rebecca Rose
- Secretary - Michelle Gawrys
- Section Representative (2) - Tori Morgan, Julie Nicholas

### Section Leadership Opportunities

There are a few open Committee Chairs for FY11. See descriptions of chair duties below. Committee chairs are encouraged to solicit for committee members to help with their takes.

#### **Awards**

- Prepare award packages for National SWE Awards.
- Remind committees to submit for their respective National SWE Awards.
- Look for opportunities to nominate SWE members for awards presented by other organizations (Engineers' Club, other professional women's organizations). Engage committee members in selecting SWE members and assist with the application process.
- Determine which members are eligible to be inducted into the Philadelphia Section Hall of Fame.
- Induct members into the Philadelphia Section Hall of Fame at annual awards event. Coordinate having plaque engraved.
- Determine if any section members should receive a member recognition award.

#### **Fundraising**

- In charge of selling current merchandise.
- Coordinate volunteers for SWE boutiques at National and Regional Conferences.
- Find new ways to raise money for general activities.

#### **Publicity**

- Publicize section events via newspaper, magazine, radio and other outlets.
- Maintain the Philadelphia Section Facebook group.

If you are interested in any of these positions, please contact Diana Madden at [diana.madden@swe.org](mailto:diana.madden@swe.org).

## MEMBERSHIP ANNOUNCEMENTS

Congrats to Jackee Nowicke got engaged in February to Chris Mohl! They are planning an April 2012 wedding. Good luck with all the planning!

***Do you have exciting news to share – it could be anything from graduations to birthdays, engagements to professional accomplishments. Email the [SWE Newsletter Editors](#) with your exciting news!***

## CONTRIBUTING AUTHOR SERIES

## OFFICER CONTACT LISTING

<b><u>Elected Officers</u></b>	<b><u>Name</u></b>	<b><u>Email</u></b>
<b>Executive Council Voting Members</b>		
President	Krista Pohl	<a href="mailto:president@philaswe.org">president@philaswe.org</a>
Vice President Outreach	Alexis Wallen	<a href="mailto:outreach@philaswe.org">outreach@philaswe.org</a>
Vice President Prof Develop	Liz Hill	<a href="mailto:profdev@philaswe.org">profdev@philaswe.org</a>
Vice President Comm	Jackee Nowicke	<a href="mailto:communications@philaswe.org">communications@philaswe.org</a>
Secretary	Michelle Gawrys	<a href="mailto:phila_info@swe.org">phila_info@swe.org</a>
Treasurer	Rebecca Rose	
Section Representative	Tori Morgan	
Section Representative	Julie Nicholas	
<b>Committee Chairs and Section Leaders</b>		
<b>Outreach Group</b>		
Awards	OPEN	
Certificate of Merit	Barbara Faust	
Collegiate Liaison	Jennifer Garner	
Girl Scouts	Ann Lastuvka	
Engineering Mini-Camp	Vicki Brown	
Scholarship Program	Sandahl Parrish	<a href="mailto:scholarship@philaswe.org">scholarship@philaswe.org</a>
Science Fair Coordinator	Elyse Bealer	
<b>Professional Development</b>		
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Fundraising	OPEN	
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Events Coordinator	OPEN	
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Newsletter Editor	OPEN	
Publicity	OPEN	
Webmaster	Diana Madden	<a href="mailto:webmaster@philaswe.org">webmaster@philaswe.org</a>
<b>Collegiate</b>		
Drexel Counselor	Diana Madden	
Swarthmore Counselor	OPEN	
Temple Counselor	Krista Pohl	
University of Pennsylvania	Alexis Wallen	
Villanova Counselor	Alisha Tricciola, Tori Morgan	
Widener Counselor	MaryAnn Skehan	
Messiah SIG Counselor	OPEN	



**SOCIETY OF WOMEN ENGINEERS  
PHILADELPHIA SECTION,  
REGION E**

[www.philaswe.org](http://www.philaswe.org)  
[phila\\_info@swe.org](mailto:phila_info@swe.org)

Address Correction Requested

## UPCOMING EVENTS

<b>June 2011</b>	
<b>July 2011</b>	



***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.***

***The Philadelphia Section was one of the original chartering sections of SWE, chartered on May 27, 1950.***