



# SWE Outlook

*The Philadelphia Section ~ Region E*

*FY12.1 March/April 2012*

## LETTER FROM THE PRESIDENT

SWE Philadelphia,

"Wow" and "That's Amazing", were words I hear over and over last Saturday. SWE Philadelphia was one of two Engineering organizations out of ~100 organizations that had a booth at the Philadelphia Science Festival. I wish I could tell you more about the event, but Jen Pesch and I had no time to take in the rest of the Festival. Our booth was filled with children, parents and some other curious adults, non-stop for 5 hours. The kids learned about Chromatography and were so excited to see the colors move up the coffee filters. I also had the pleasure of meeting some young ladies that plan on becoming engineers. After any exhausting, but successful day, I was reminded of the mission of SWE. It is at events like these that SWE can be a positive presence in the community and show them what engineers are.

April has been full of great events. Earlier this month we had the pleasure of honoring four amazing collegiates and one high school student at our Annual Awards Banquet. We had a delicious brunch at Cuba Libre in the city. Our speaker Cheryl Pullins, a Certified Professional Coach and publisher of "Victorious Living", spoke about the four types of life transitions focusing on goal setting for the voluntary and anticipated transition which all of the winners would be experiencing as they graduate. I was extremely impressed with all of the dedication and commitment to engineering that these women possess.

This month we started the process of filling the candidate slate for FY13. Are you looking to get more involved in SWE? We have plenty of committee chair positions that are open. Contact [Julia Hess](#) for more information on open positions.

The FY12 SWE year is wrapping up events for this fiscal year. I hope that you will join us at the Morris Arboretum on Sunday, May 6<sup>th</sup> and at the Phillies game on July 24<sup>th</sup>.

***Diana Madden***  
*FY12 Section President*

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### Special Points of Interest

- 2012 SWE Awards Banquet
- GEARS Day - UPENN

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## SOCIETY NEWS

### **SWE 2012 – Houston, TX**

Check out the SWE website for information on the SWE12 National Conference. The conference is being held this year in Houston, TX.

<http://we12.swe.org/>

### **Continuing Education:**

Do you need continuing education credits for your PE license? Are you looking for ways to expand your skill set or your career? If so, check out SWE!

SWE provides professional development resources and leadership training to women in engineering and technology, including webinars, podcasts, and articles about career development and leadership. It is part of SWE's mission to support the lifelong learning and professional growth of all its members. Check out the website for more information!

[http://societyofwomenengineers.swe.org/index.php/learning/continuing-ed#activePanels\\_0](http://societyofwomenengineers.swe.org/index.php/learning/continuing-ed#activePanels_0)

## REGION E NEWS

### **2012 Region E Mid-Atlantic Conference: SWE in the City – Energizing Your Career in NYC**

The 2012 Region E conference was held at Columbia University on March 31, 2012. Several members of the Philadelphia Section attended. The conference had many different workshops to offer for collegiate and professionals. The topics ranged from job hunting, managing your professional image, to career building. The conference ended with the banquet at the Low-Rotunda and Faculty House on campus.

## SECTION NEWS

### **GEARS Day**

On Saturday March 24<sup>th</sup>, the University of Pennsylvania SWE section held their second annual Penn GEARS (Girls in Engineering and Related Sciences) Day for girls in high school. The girls participated in an exciting day of hands-on engineering lab activities, hear from upper class female engineers, and witness what Penn Engineering is all about. Professional faculty and graduate students designed fun and hands-on miniature experiments that will allow the girls to have an idea of what college engineering entails. Four workshops will be offered throughout the day that touch on different engineering focuses, potentially including biomedical engineering, mechanical engineering, computer science engineering, and more. The UPENN SWE organizers received great feedback for the event. One high school student wrote in the following after attending the event:

“I just want to let you know how impressed I was with GEARS day today. Words cannot describe how helpful I found it. I wasn't really too sure about engineering before, I just figured that since I'm good at math and science that this is what I should be doing. But today, getting the hands on experience and being able to meet so

many people really convinced me that this is the field I want to go in. Thank you so much for this opportunity!"

Great job SWE! Keep it up!

### **2012 Awards Dinner**

Contributed by Andrea Manning and Jennifer Garner

On Sunday, April 15th the 2012 Scholarship Banquet was held at Cuba Libre in Philadelphia. Our Section President, Diana Madden welcomed our guests and provided a year end review. Our guest speaker, Cheryl Pullins, a Certified Professional Coach and publisher of "Victorious Living", discussed the importance of goal setting. She reviewed the four different types of transitions we experience in life: voluntary and anticipated, involuntary and anticipated, voluntary and unanticipated, and involuntary and unanticipated. Cheryl stressed that goal setting and planning is paramount to successfully navigating all types of life transitions, including one of particular interest to our scholarship winners, graduation. Our Scholarship Chair, Andrea Manning, gave thanks to our scholarship sponsors and presented the scholarships awards to our deserving recipients.

#### Award Recipients:

Zahra Ahmed  
Drexel University, 2012  
BS Biomedical Engineering  
Merck Scholarship

Michelle Fremuth  
Philadelphia University, 2013  
BS Industrial & Systems Engineering  
SWE Philadelphia Scholarship

Jillian Kramer  
Villanova University, 2014  
BS Computer Science  
Lockheed Martin Scholarship

Jelena Renic  
Villanova University, 2013  
BS Chemical Engineering  
Dow Scholarship



Finally, Barb Faust, SWE Philadelphia Life Member, presented the Hoffman Award for the Delaware Valley Science Fair to Emily Fucinato, of Northampton Area High School for her project "SWCNTS and TiO<sub>3</sub> Crystals as an Antireflective Coating for PV Cells".

***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!***

## OFFICER CONTACT LISTING

<b><u>Elected Officers</u></b>	<b><u>Name</u></b>	<b><u>Email</u></b>
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Section Representative	Tori Morgan	
Section Representative	Michelle Gawrys	
Alternate Section Rep	Adrienne Nikolic	
<b>Committee Chairs and Section Leaders</b>		
<b>Outreach Group</b>		
Awards	Jennifer Garner	
Certificate of Merit	Barbara Faust/ Stephanie Bortko	
Collegiate Liaison	Jennifer Garner	
Girl Scouts	Fariba Kasemkhani	
Engineering Mini-Camp	Vicki Brown	
Engineers' Club Liaison	Nicole Wittmer	
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Address Correction Requested

## UPCOMING EVENTS

<b>May 2012</b>	
6th	Technical Tour: Morris Arboretum
<b>June 2012</b>	
<b>July 2012</b>	
24th	Phillies Game



*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.*