



SWE Outlook

The Philadelphia Section ~ Region E

FY14.5 February 2014

INSIDE THIS ISSUE:

LETTER FROM THE PRESIDENT 1

SOCIETY NEWS 2

SECTION NEWS 3

UPCOMING EVENTS 3

PREVIOUS EVENTS 4

MEMBER NEWS 5

CONTACT LIST/OPEN POSITIONS 6-7

LETTER FROM THE PRESIDENT

Hello SWE Philadelphia,

I'm sure you're all looking forward to spring as much as I am! As the weather warms up (please oh please), our SWE section's activity level will be heating up as well. First up is our March meeting, to be hosted by Dow on Wednesday the 12th. Our speaker will be Cheryl Teich, the President-Elect of the American Institute of Chemical Engineers (AIChE). Please save the date and join us for her inspiring talk. You'll find more information about that event and others in this issue of *SWE Outlook*.

The SWE/Widener University Engineering Girls Camp was held on Saturday, February 8th as scheduled despite the significant snow storm earlier in the week. Dr. Vicki Brown, a civil engineering professor at Widener and the "mastermind" behind the camp each year, told me that approximately 260 high school girls attended this year, a significant increase over previous years. At least 14 SWE-Phila members volunteered to help with the lab activities and/or serve on the career panels. Thank you to Vicki and to all of the volunteers for once again making this event a success in its 15th year!

Last but certainly not least, we are facing another change in the section leadership. Our current section Secretary Marie Brady is moving to Virginia and will be resigning as Secretary as of March 1. I'd like to thank Marie for her service to our section and wish her the best of luck in her new town! Per our bylaws, the executive council has elected a new Secretary to serve for the remainder of FY14. Congratulations to Tessa Anodide, and welcome back to the SWE-Phila board!

In this Edition:

Contributing Authors:

Danielle Dunn
Mary Beth Biddle

Editors:

Cassandra Zook
Christine Gunther

Submit Articles To:
newsletter@philaswe.org

Danielle Dunn

FY 14 Section President

SOCIETY NEWS

Save the Date!! Region E Conference “Engineer the Future”

Region E and the Virginia Tech Collegiate Section are excited to host the 2014 SWE Region E Conference at the Inn at Virginia Tech in Blacksburg, VA from 28-30 March, 2014.

The conference offers a diverse selection of events including workshops, graduate school and career fair, networking events, and catered meals featuring distinguished female speakers.

Final registration deadline is 14 March.

For more information about the conference, registration options, as well as details on travel and accommodations, go to <http://www.sweregioneconference.org>.

Congratulations to the host of Region E Conference 2015: Drexel University

We received three well presented bids from Drexel University, Rutgers University, and Syracuse University/Professional Section to host the 2015 Region E Conference and are proud to announce that Drexel University won the bid. Congratulations Drexel University SWE! We look forward to working with you.

Congratulations to the Jessica Snyder: SWE’s “Faces of the CPC”

Dow Chemical recently awarded Jessica Snyder for SWE’s “Faces of the CPC”! Pictured below she is with Karen Horting and Rich Wells, VP & Site Leader for Dow Michigan Operations. Way to go, Jessica!



SECTION NEWS

Welcome to the FY14 Philadelphia SWE Officers!

Get to know some of our new FY14 section officers! Check out the answers to these interview questions below to see what they have in store for our section this upcoming year and to learn more about them!



Jill Foster, Awards Chair

1) What is your position/title/job responsibilities at work?

Development Chemist II

2) What do you like best about SWE?

SWE has so many benefits: professional development, life advice, opportunities to challenge yourself, and fun events.

3) What is the most important lesson you have learned throughout your career?

Always keep an open, positive mind, and be honest.

4) Do you have any hobbies?

Snowboarding, arts & crafts, gardening, hiking, disc golf, and volunteering.

5) What is the best book you have ever read and why?

The Five People You Meet in Heaven by Mitch Albom is my favorite book because it's a fast read that truly touches the heart and is written from a unique view.

Seeking Corporate Contacts

If you know someone in your company who is in charge of or interested in making donations to a philanthropic organization, please let the Society of Women Engineers Philadelphia Section know so that we may get in touch!

The Society of Women Engineers is a national nonprofit educational and service organization that aims to 1) engage female students of all ages in math, science, and technology and 2) to support the development of female engineering professionals in today's workforce. To that end, the Philadelphia section solicits donations and allocates the funds to scholarships and programs geared towards professional development and outreach.

UPCOMING EVENTS

Grand Challenges of Engineering and You: March 12th

The National Academy of Engineering has developed a list of "Grand Challenges." The list is broad in scope and potential impact, encompassing many overarching societal issues. As practicing engineers, we can understand and contribute to the "Grand Challenge" vision by employing our technical skills in concert with our critical thinking skills. We will drill down from the high-level "Grand

Challenges” to an actual operating process intended to address one key issue, and explore how critical thinking progresses the development of real solutions. Dinner will be provided at no cost to attendees.

When: Wednesday March 12th at 6:30 pm

Location: Dow Chemical - Spring House (near Ambler, PA)

RSVP to rsvp@philaswe.org by March 6th if you would like to attend.

Save the Date!! Penn Society of Women Engineers Presents: GEARS Day

Saturday March 22nd at the University of Pennsylvania

GEARS Day gives high school girls a chance to interact with engineering professionals, professors, and undergraduate and graduate students while participating in hands-on laboratory workshops representing various engineering fields. The girls at UPenn are looking for panel speakers. Contact pennswe.gear@gmail.com with questions or interest in volunteering.

Science Fairs - March 11, 14, 15 and April 2

Philadelphia SWE will be sending Special Awards Judges to the Bucks County Fair, Montgomery County Fair, Lehigh Valley Fair, and the Delaware Valley Science Fairs. If you are interested in volunteering to review student projects and interview students to find out which engineering related projects submitted by girls should be given awards please email Cassie Zook at crz333@gmail.com. You do not need to be present for the entire day to help out. Dates for the various fairs are below:

Bucks County Fair - March 11th

Montgomery County Fair - March 14th

Lehigh Valley Fair - March 15th

Delaware Valley Science Fairs - April 2nd

Member Knowledge Sharing - To be rescheduled

Philadelphia SWE is hosting a meeting where women can learn from our own members. 3-4 women will talk to the group about their job or the kinds of project they work on. It may be a technical, problem-solving, or project management related topic for approximately 15 minutes each. Please contact Diane Ess ASAP at profdev@philaswe.org if you have any questions. This event has to be rescheduled due to weather. Date to be announced shortly.

PREVIOUS EVENTS

Widener Mini Camp - February 8th

When: Saturday, February 8, 2014

Location: Widener University, Chester, PA

The camp was an opportunity for high school girls interested in science and math to explore engineering careers in a hands-on laboratory setting with women engineers from SWE and female engineering students and alumni from Widener University. There was a separate Parents Program that ran concurrently with the Girls Camp. With over 260 girls in attendance, it was a record breaking year for Widener! Attendees from seven different states were able to experience different fields of engineering first hand. With labs ranging from biomechanics to bridge design to creating a lie detector, each attendee was sure to learn something new and fun! The Philadelphia SWE volunteers enjoyed sharing their experiences and love of engineering.

Top Secret Rosies

When: Monday, January 27, 2014

Location: Villanova University, Villanova, PA

After dinner and some informal networking, SWE members from the professional section, Villanova University, and the Community College of Philadelphia sat down to enjoy a viewing of the documentary *Top Secret Rosies*. First debuted at the Society Conference, the movie highlights the women who dedicated themselves to our country through ballistic calculations during World War II. As a program that began here in Philadelphia at the University of Pennsylvania, the women were sought out for their superior math skills. These Top Secret Rosies worked around the clock to create ballistics tables for every weapon in the United States' artillery. Not only were these women an important aspect of winning the War, but they also helped to usher in the computer age. It was inspiring to see the great accomplishments of the women who worked before our time.

MEMBERSHIP ANNOUNCEMENTS

SWE Philadelphia is happy to announce the engagement of member Jennifer Garner to Lou Casta, Ph.D. Jen and Lou share interests in travel, music, fun in Philadelphia, home brewing, and science! They met in the spring of 2013 and got engaged on Dec 25, 2013. Jen and Lou hope to tie the knot in 2014 and look forward to a happy future together.

Congrats, Jen and Lou!

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

<u>Elected Officers</u>	<u>Name</u>	<u>Email</u>
Executive Council Voting Members		
President	Danielle Dunn	president@philaswe.org
Vice President Outreach	Amanda Weissman	outreach@philaswe.org
Vice President Prof Develop	Diane Ess	profdev@philaswe.org
Vice President Communication	Mary Beth Biddle	communications@philaswe.org
Secretary	Marie Brady	info@philaswe.org
Treasurer	Alexis Wasserman	treasurer@philaswe.org
Section Representative	Elisha Rios	elisha.rios@merck.com
Section Representative	Tori Morgan	vmorgan811@verizon.net
Alternate Section Rep	Amanda Weissman	outreach@philaswe.org
FY14 Committee Chairs and Section Leaders		
Outreach Group		
Awards Coordinator	Jill Foster	foster@quakerchem.com
Certificate of Merit	Nicole Wilson	nicolecwilson@hotmail.com
Collegiate Liaison	Maria Legato	Legato.maria@gmail.com
Girl Scouts Co-Chair	Jill Cardamone	jcardamone@gmail.com
Girl Scouts Co-Chair	Elizabeth Rowland	erowland1824@gmail.com
Engineering Mini-Camp	Vicki Brown	vbrown@mail.widener.edu
Engineers' Club of Philadelphia Liaison	OPEN	
Scholarship Program	Tori Morgan	scholarship@philaswe.org
Professional Development		
Corporate Liaison	Annie Liu	corporate@philaswe.org
Meeting/Events Coordinator	Tracie Spangler	rsvp@philaswe.org
Communications		
Membership	Jennifer Garner	membership@philaswe.org
Newsletter Editor	Cassandra Zook	newsletter@philaswe.org
Newsletter Editor	Christine Gunther	
Webmistress	Diane Ess	webmaster@philaswe.org
Collegiate		
Drexel Counselor	Elizabeth Henning	Eah827@gmail.com
Swarthmore Counselor	Rebecca Rose	rebecca.snelling@gmail.com
Temple Counselor	Jennifer Bullock	jennifer.bullock.jb@gmail.com
University of Pennsylvania	Alexis Wasserman	president@philaswe.org
Villanova Counselor	Alisha Tricciola	alisha.trocciola@gmail.com
Widener Counselor	MaryAnn Skehan	maryann.b.skehan@boeing.com
Messiah SIG Counselor	OPEN	

Open Officer Positions

We have an open officer position that needs filling for the FY14 year due to the transitioning of some of our members. Taking on an officer role is a great way to get more involved in the section and have an impact on the decisions made. Feel free to contact Mary Beth (communications@philaswe.org) if you are interested for more information.

Engineer's Club of Philadelphia Liaison - Responsible for coordinating with the Engineer's Club to share information with our section.

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

PO BOX 1105
Norristown, PA 19401
www.philaswe.org
info@philaswe.org

UPCOMING EVENTS

October	
March 11th	Bucks County Science Fair
March 12th	Grand Challenges of Engineering and You
March 14th	Montgomery County Science Fair
March 15th	Lehigh Valley Science Fair



**Society of
Women Engineers**

ASPIRE • ADVANCE • ACHIEVE

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.