



SWE Outlook

The Philadelphia Section ~ Region E

FY15.6 January 2015

INSIDE THIS ISSUE:

LETTER FROM THE PRESIDENT	1
SOCIETY NEWS	2
SECTION NEWS	2-3
UPCOMING EVENTS	4-5
PREVIOUS EVENTS	5
MEMBER NEWS	5-7
CONTACT LIST/OPEN POSITIONS	8-9

LETTER FROM THE PRESIDENT

Greetings SWE Philadelphia!

Welcome to 2015! It's hard to believe that just a month ago we were reflecting on the past year while eagerly looking forward to navigating 2015. January took off like a rocket, and if that is any indication of what 2015 will bring, get ready for an awesome year!

As some of you may have recognized, we have been having issues with our @swe.org email aliases. SWE HQ expects all aliases and list serves to be fully operational by February 15th. If you have been trying to reach the Board, but have been unsuccessful, please send a message through our FB page and we will respond as soon as possible.

During the past year, the SWE Staff and Board of Directors have been working on building a consistent brand across all parts of the organization with the goal to build a global brand that is recognizable and consistent everywhere. SWE released a revised PowerPoint template which is available for download on the SWE website under SWE Resources (login required) and the proposed new logo will be presented at the Region E Conference later this month. The conference will be held on February 20-22, 2015 at the Downtown Marriott and three of our members will be presenting workshops – keep reading for details. We hope to see you there!

In this Edition:

Contributing Authors:

Tessa Anodide
Mary Beth Biddle
Amanda Weissman
Christine Gunther

Editors:

Diana Russella

Submit Articles To:

newsletter@philaswe.org

A warm congratulations goes out to **Barb Faust** who received the 2015 Delaware Valley Engineers Week Outstanding Service Engineering Award. Barb has been a long time member of SWE and numerous other organizations and tirelessly devotes her time to promoting the advancement of women in Engineering. Barb will be recognized at the Delaware Valley Engineers Week Awards Luncheon hosted at the DoubleTree Hotel in Philadelphia on Friday, February 20th. **Congratulations Barb!!**

The Philadelphia SWE Strategic Planning meeting was originally scheduled for the end of January; unfortunately, the weather didn't cooperate and we had to reschedule to two separate teleconference calls. For the first call, we focused on Spring planning and we have an awesome line-up in store for all of you including: a distillery tour in February, a Dow Sponsored event in March focused on Financial Intelligence, a Boeing Sponsored tour in April of the V-22 product line, SWE-tea in May and a family friendly tour in June.

We will be looking for volunteers to support our many Outreach efforts including Widener Mini-Camp (February), Penn GEARS day (March), Science Fairs (March), Certificate of Merit (April) and the Philadelphia Science Carnival (May). This is a great way to spend a little time volunteering to promote engineering as a viable and exciting career choice for our youth. If you are interested in volunteering for any outreach event, please contact our Outreach VP at phila_outreach@swe.org.

Finally, I would like to welcome Sheronda Nash to our SWE Philadelphia Leadership Team. Sheronda is serving as the new Scholarship Chair for 2015. Welcome Sheronda!

Look forward to meeting you at our events through the Spring!

Regards,
Tessa

SOCIETY NEWS

SWE 2015 Mid-Atlantic Region E Conference: Life, Liberty & SWE!

Registration is now open for this year's annual Mid-Atlantic Region E conference, hosted by the Drexel University Collegiate SWE Section and the Region E Conference Planning Committee. This event will take place February 20-22, 2015 at the Downtown Philadelphia Marriot in Philadelphia, PA. The Region E conference is a great way to find out what's going on in the Mid-Atlantic SWE sections, a chance to network with members and companies close to home, and an opportunity to attend informative workshops about your profession!

To find out more about the conference, hotel room blocks, or to register for the event, visit <http://www.sweregioneconference.org/>. Register by January 15th to take advantage of early bird registration rate. Registration closes February 6th, 2015.

SECTION NEWS

Welcome to the FY15 Philadelphia SWE Officers!

Get to know some of our FY15 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 just get to know them!



Mary Beth Biddle, Vice President of Outreach

1) *Who do you work for and what do you do?*

I work for Lockheed Martin Space Systems Company as a Mechanical Engineer. I complete structural analyses for various government programs.

2) *What motivates you to do your best work?*

I do my best work when I am learning something new and challenging myself. I become fully engaged, always loving to learn something new.

3) Why did you get involved in SWE?

I got involved in SWE my freshman year in college in order to have a network of friends who were successful in engineering. SWE provided me with so many great experiences, so many opportunities to grow as a person, and so many friendships. I stayed involved with SWE after college for the same reasons. I love to meet new people and hear their stories, I love to encourage young women to consider engineering, and I always have fun at SWE events!

4) What's your favorite SWE event that you've attended in the past year?

My favorite SWE event in the past year was the Girl Scout Ocean Engineering Day in November. After working with middle school girls, their parents, and other successful women engineers, I came away from the day energized. My passion for engineering and outreach was given an extra flame, and I can't wait for the next event in the spring.

5) What is your personal philosophy?

My personal philosophy to ensure my success is to challenge myself at work, have new experiences at home and while traveling, eat great food, and get a good night's rest. I also try to make sure others know that they are valued; remembering little facts and showing that you care can go a long way. My Grandpop always says "It's a people's world."

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.

New Website

For those of you who haven't seen it yet, Philly SWE has migrated our website. The new address is <http://philadelphia.swe.org/>. Take a look!

Do you shop on Amazon? You could be missing an opportunity to help SWE!

Amazon has a feature called Amazon smile. All you have to do is use a specified link when signing in to Amazon to shop like always and Amazon donates money to the organization you specify. If you shop on Amazon but use the link <http://smile.amazon.com/ch/23-2604522> to log in 0.5% of the price of your purchase will be donated to Philly SWE! It only takes one click and then Philly SWE gets extra money to host events for you!

Philadelphia SWE Section Awards Subcommittee - Looking for Volunteers!

Philadelphia SWE is planning on giving awards to members of our section in the future! In order to make this goal happen, we need volunteers to assist with developing the criteria for the Philadelphia SWE awards. If you are interested in joining the subcommittee, please contact Jen Pesch at communications@philaswe.org.

UPCOMING EVENTS

Widener Engineering Mini-Camp

Date: February 7, 2015

Time: 9:00 AM-4:00 PM

Where: Widener University, 1 University Place, Chester, PA

Details: More information is available on SWE's website at: <http://philadelphia.swe.org/get-involved.html>

Bottling Workshop and Tour of Manatawny Stillworks

Date: Saturday, Feb 28th, 2015

Time: 11am - 3pm

Where: Manatawny Stillworks Distillery - 320 Circle of Progress Dr Suite 104 Pottstown, PA 19464

Details: SWE Philadelphia will be taking over the Manatawny Stillworks Distillery for the day! We will be participating in one of the distillery's interactive bottling workshops where we will help with the bottling, packaging and labeling process. Additionally, the owners will provide us with a personal tour of the facility (normally \$15 per person). This interactive learning experience will be sure to teach us many of the engineering principles involved in the manufacturing and distillation process of small batch spirits.

Note - This event is open to SWE Philadelphia members and their friends / family (adults 21+ only please!)

Cost: Free - As a reward for your help, Manatawny Stillworks is providing each participant with pizza from Sly Fox Brewery (across the street from the Stillworks, if you'd like to stop here after the workshop) and a t-shirt.

Website: <http://www.manatawnystillworks.com/>

SWE Senate Strategic Initiatives Committee - Survey Participation

The SWE Senate Strategic Initiatives Committee is looking for SWE members who are employed by a small business to complete a survey and help inform the Senate's research into how SWE can better collaborate with small businesses and serve the needs of the SWE members who work for small businesses. If you are interested in participating in the survey, please e-mail Stephanie DeCotiis, Region E Senator, at stephaniedecotiis@gmail.com by January 15th.

Bensalem High School FIRST Robotics Competition - Volunteers Needed!

Bensalem High School FIRST Robotics team is looking for volunteer coaches and mentors in the areas of programming engineering and marketing. More information is available on SWE's website at: <http://philadelphia.swe.org/get-involved.html>

Summer Internship Positions (US Berkeley, MIT, Stanford, Florida International University, and University of Texas at El Paso)

The Center for Energy Efficient Electronics Science Research Experiences for Undergraduates Program is accepting applications for summer internship experiences. More details are available at <http://www.e3s-center.org/E3SREU2015.htm>.

University of Southern California - 2015 Summer Undergraduate Research Experience

This program allows students completing their Sophomore or Junior year the opportunity to spend summer break working alongside USC's world-class faculty on cutting-edge research in engineering and computer science. More information is available on SWE's website at: <http://philadelphia.swe.org/get-involved.html>.

Volunteers Needed to Judge Local Science Fairs

Philadelphia SWE will be sponsoring Special Awards at several local science fairs this year and is looking for volunteers to help judge projects and select our winners! Volunteers are needed for the Bucks County and Montgomery County Science Fairs which both take place on Tuesday March 10th, the Lehigh Valley Science Fair on Saturday March 14th, and the Delaware Valley Science Fair on Wednesday April 1st. Volunteers are needed all day but even helping for a few hours makes a big difference. If interested in helping please RSVP to Cassandra Zook at crz333@gmail.com for more information.

PREVIOUS EVENTS

SWE Philadelphia Happy Hour

On January 22nd, SWE members attended a casual happy hour and networking event in downtown Philadelphia hosted by SWE member, Christine Gunther. The event took place in Old City at Revolution House where eight SWE ladies enjoyed food and drinks on a heated rooftop lounge area. Career experience, academic backgrounds, and outside-of-work interests were some of the many topics discussed that evening. The event was a hit and the section looks forward to another event like this in the future!

Surveys for Past Events

Below are links to provide feedback (both positive and constructive) for the event(s) that you attended. The SWE Philadelphia board is getting together in January to set the spring calendar, and we will make sure to incorporate your input from these surveys.

1. Happy Hour Kick Off Social on 9/10: <https://www.surveymonkey.com/s/W7SK7Z7>
2. Diary of a Working Mother on 9/23: <https://www.surveymonkey.com/s/W7KPYM2>
3. Waterworks Tour on 10/18: <https://www.surveymonkey.com/s/WVY7KRP>
4. Lean In Event on 11/6: <https://www.surveymonkey.com/s/CSFQ6JF>
5. Johnson & Johnson on 11/10: <https://www.surveymonkey.com/s/83X8F8G>
6. SWE Philly/UPenn Yoga on 11/16: <https://www.surveymonkey.com/s/83G9Z55>
7. Holiday Dinner on 12/4: <https://www.surveymonkey.com/s/83HGRNY>

MEMBER NEWS

Sneak Peak: SWE 2015 Mid-Atlantic Region E Conference Presentations!

In anticipation of the upcoming SWE 2015 Region E conference, here's a sneak peak of some presentations our very own Philadelphia SWE members will be presenting!

STEM Outreach Training **Presented by Amanda Weissman**

According to the National Academy of Engineering, K-12 students and teachers generally have a poor conception of what engineers do and adults strongly connect engineering to math and science skills but not to problem solving, creativity, or having a positive impact on the world. The goal of this training is to present tools and messages based on current research that have been found to effectively communicate what engineering is and its benefits to society and as a career, to be used during STEM Outreach activities. Multiple resources will also be reviewed. This presentation is for anyone involved in STEM outreach, ranging from the inexperienced volunteer to the experienced coordinator.

***Amanda Weissman** is a Manufacturing Engineer at Lockheed Martin in Moorestown, NJ. Amanda joined SWE in 2004 and held many roles including Collegiate Leadership Coach, Philadelphia Vice President of Outreach, and Society Scholarship Coordinator-Elect. Amanda volunteers 100+ hours yearly, primarily in STEM, and received the Bronze President's Volunteer Service Award five times. Amanda leads Lockheed Martin Moorestown's STEM Council. She graduated Rochester Institute of Technology in 2009 with an Electrical Engineering Bachelor's and Materials Science and Engineering Master's. Amanda attends the University of Pennsylvania for a Systems Engineering Master's. Amanda was the 2012 SWE top nominee for New Faces of Engineering.*

Making the Most of Your Transition from Collegiate to Professional **Presented by Mary Beth Biddle**

The transition from being a student to a full-time employee can be daunting and stressful. Despite this, it is also a critical time for making a good impression, beginning new relationships while maintaining old ones, and having time for you. This session will explore how to make the most of your new professional career, how to keep your momentum with SWE going, and how to balance your personal life with the structure of industry.

***Mary Beth Biddle** is a Mechanical Engineer for Lockheed Martin. She performs structural analysis for various Air Force Strategic Programs. She is also the lead for the new employee organization and the founder of the Women's Intrinsic Network at her site. Mary Beth's efforts were recognized with an award for Employee Engagement, focused on Performance, Accountability, Affordability, and Relevance. Mary Beth received a Bachelor's degree in Mechanical Engineering from the University of Pittsburgh in 2012 and will complete a Master's in the same field in May at Villanova University. She is the VP of Outreach with the Philadelphia SWE section.*

The Diary of a Working Mother: What I Knew, Changed with Two **Presented by Tessa Anodide**

There is a point, usually within the first few months of becoming a mother, when you are overcome with guilt. Throw baby #2 into the mix, and you realize what you thought you learned with the first, doesn't apply. When you are at work, you feel guilty because you should be at home. At home, you are thinking about work. And when you send your first child off to school with a little sniffle and the school calls, you are shocked when they tell you it's the younger one that's sick. How do you manage all those snow days, sick days and your career and stay sane at the same time? This interactive session will help prospective and new mothers prepare for and assimilate back into the workplace after maternity leave.

Tessa Anodide is the SWE Philadelphia FY15 President and Program Manager for Lockheed Martin MST. In addition, she recently served as the Moorestown Diversity & Inclusion Lead, responsible for all D&I activities at the Moorestown site, reaching over 3,500 employees across 5 centralized locations. Tessa received her B.S. in Applied Mathematics from Indiana University of Pennsylvania, an M.S. in Systems Engineering from the University of Pennsylvania and a certificate in Systems Engineering and Architecting from Stevens Institute of Technology. She serves as a mentor and advocate of women who choose to pursue a career in addition to full time motherhood.

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

Elected Officers	Name	Email
Executive Council Voting Members		
President	Tessa Anodide	phila_president@swe.org
Vice President Outreach	MaryBeth Biddle	phila_outreach@swe.org
Vice President Prof Develop	Elisha Rios	phila_profdev@swe.org
Vice President Communication	Jennifer Pesch	phila_communications@swe.org
Secretary	Maria Legato	phila_secretary@swe.org
Treasurer	Hilary Grosskopf	phila_treasurer@swe.org
Section Representative	Cassie Zook	crz333@gmail.com
Section Representative	Tori Morgan	vmorgan811@verizon.net
Section Representative	Amanda Weissman	amanda.weissman@swe.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	Theresa Garwood	tgarwood2@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	Erin Kiselica	erin.kiselica@gmail.com
Scholarship Program	Tori Morgan	phila_scholarship@swe.org
Scholarship Coordinator	Sheronda Nash	smnash2009@gmail.com
Science Fair Coordinator	Cassie Zook	crz333@gmail.com
Science Carnival Chair	Kathryn Rieger	
Professional Development		
Corporate Liaison	Annie Liu	phila_coporate@swe.org
Meeting/Events Coordinator	Tracie Spangler	phila_rsvp@swe.org
Communications		
Membership	Jill Foster	phila_membership@swe.org
Newsletter Editor	Diana Russella	phila_newsletter@swe.org
Newsletter Editor	Christine Gunther	
Webmistress	Diane Ess Sharon Vuong	phila_webmaster@swe.org
Collegiate		
Drexel Counselor	Elizabeth Henning	eah827@gmail.com
Swarthmore Counselor	Rebecca Rose	rebecca.snelling@gmail.com
Temple Counselor	Jenna Fink	
University of Pennsylvania	Amanda Weissman	amanda.weissman@swe.org
Villanova Counselor	Alisha Tricciola	alisha.trocciola@gmail.com
Widener Counselor	MaryAnn Skehan	maryann.b.skehan@boeing.com
Bryn Mawr Counselor	Hilary Grosskopf	hilarygrosskopf@gmail.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 (outreach@philaswe.org) if you are interested for more information.

- **Messiah SIG Counselor**

SOCIETY OF WOMEN ENGINEERS
PHILADELPHIA SECTION,
REGION E

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

UPCOMING EVENTS

January	
February 7th	Widener Engineering Mini-Camp!
February 20 th -22nd	2015 Mid-Atlantic Region E Conference
February 28 th	Manatawny Stillworks – Bottling Workshop and Tour



Search SWE Philadelphia



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.