



 **swe**TM
Society of Women Engineers
Philadelphia

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LETTER FROM THE PRESIDENT

Hello SWE Philadelphia!

As usual, we have had an outreach filled spring thus far! In early February, our members supported Widener University's Engineering Mini-Camp, a full day event dedicated to introducing high school students to various fields of engineering. In addition to hands on activities there were panel events with collegiates and professionals, and a separate session was held for parents.

At the end of February, a few Philadelphia SWE members traveled to Syracuse, NY for the final Region E Conference. I personally kicked off the conference with a tour of the Anheuser Busch facility in Baldwinsville, and it was an impressive display of bottling, robotics, and brewing. The remainder of the weekend was filled with networking, professional development, and reconnecting with long time SWE friends. I look forward to attending WE Local conferences in the future – the closest one to Philadelphia in FY18 is Providence, Rhode Island. Additional details for next year can be found at welocal.swe.org.

In the meantime, consider joining us for the Delaware Valley Science Fair, the Underground Philadelphia tour on April 22nd – we will have lunch in Reading Terminal afterwards – and for the Philadelphia Science Carnival on April 29th. We are teaming up with Drexel University SWE this year for the Science Carnival, and it's sure to be a success! The details for these events can be found on the calendar on our website: philadelphia.swe.org.

Keep an eye on your email, our Facebook, and other social media accounts for information on our upcoming events. As we wrap up the year, we look forward to seeing new faces at our remaining events. You are always welcome to join us!

If you have ideas or questions, feel free to reach out to me at any time. I can be reached at phila_president@swe.org.



Mary Beth Biddle



NEW MEMBERS



The Society of Women Engineers is constantly growing and welcoming new women engineers in all stages of their careers. Here are the recent newcomers to the SWE Philadelphia Section.

Name	Membership Type
Lindsay Poulin	Professional
Nikita Patel	Professional
Sarah Rheault	Collegiate
Emma Vogan	Collegiate
Lauren Chiota	Professional
Vy Ho	Collegiate
Sandra Snozzi	Collegiate
Michael Marano	Professional
Katherine Prelog	Collegiate

SOCIETY NEWS

Mark Your Calendar for WE17!

Our WE17 Annual Conference will take place October 26-28, 2017 in Austin, Texas, USA. See below for a list of WE17 Session Tracks:

WE17 Session Tracks:

- Advocating for Change
- Career Management and Life Transitions
- Entrepreneurship
- Inclusion and Cultural Awareness
- Innovation and Disruption
- K-12 Outreach
- Strategic Leadership
- STEM Re-entry
- SWE Leadership
- Women In Academia
- Women In Government and Military

[Visit here for descriptions on WE17 Tracks.](#)

Virtual Career Fair for Professionals

Don't miss SWE's annual Virtual Career Fair April 5, 2017 from 1:00 - 4:00 p.m. EST. Attendees will connect directly in a live, one-on-one virtual interface with top employers looking to tap into SWE's diverse community of engineers to fill open positions.

Online attendees will have the opportunity to connect with as many as 20 recruiters for first-round interviews and networking.

Attending our Virtual Career Fair will allow you to:

1. Interact one-on-one in real-time with recruiters through online chat. You can share your resume and experience, and potentially schedule second round interviews.
2. Discover new career opportunities from leading employers eager to hire people with your expertise.
3. Build your network by continuing conversations with recruiters after the event ends.

Note: Participating recruiters will be seeking candidates with three years' plus work experience.

[Register now for this event!](#)

SWE Freshmen Scholarships

Apply now for Society of Women Engineers' scholarships for the 2017-2018 academic year. Collegiates who will be freshman can apply online through May 1, 2017.

The **SWE Scholarship Program** provides financial assistance to women studying baccalaureate or graduate programs in preparation for careers in engineering, engineering technology and computer science. In 2016, SWE disbursed 230 new and renewed scholarships valued at over \$750,000.

Collegiates complete one application and are considered for all scholarships for which they are eligible. The online application is entirely electronic — including submittal of reference recommendations and transcripts.

For more detailed information about eligibility and requirements and a link to the application, go to **[SWE scholarships](#)**.

SECTION NEWS

Governance Update

SWE Regions are being dissolved to make way for bigger and better things within the SWE organization. Updates are available at governance.swe.org.

Nominating Committee – Apply Today!

FY18 is just around the corner, which includes electing new officers for the Philadelphia SWE section. Three members are needed to form the nominating committee, who help to identify next year's board nominees and administer the voting. See Section 4 of the bylaws for more information on the election process and nominating committee responsibilities - <http://philadelphia.swe.org/bylaws.html>.

Note: Members of the nominating committee may not be a candidate for any elected office during their tenure of service on the nominating committee.

RSVP to Mary Beth Biddle (marybethb422@gmail.com) to join the committee today!

Volunteer Training - Resources

If you plan on volunteering with a Philadelphia SWE event, please review the following resources on STEM volunteering!

2017 Engaging Diverse Communities in Hands-On STEM (presented by the Franklin Institute)

- [Presentation](#)
- [Webinar](#)
- [2014 Philadelphia SWE Outreach Volunteer Training](#)

Please contact phila_outreach@swe.org with any questions.

Open Positions – Philadelphia SWE

Part of what makes the Philadelphia SWE section so great is the amazing participating of our members who keep it running like a well oiled machine. Read the open positions available for our section to see how you can get involved in FY16!

Meeting Coordinator

Assist the VP of Professional Development in coordinating meeting locations, invites, attendee lists, and other miscellaneous task.

Collegiate Liaison

Facilitates communication between section and local collegiate section presidents and counselors including flowing information to collegiate sections or requests for support from the collegiate sections. Assists collegiate MALs in the Philadelphia Section with any questions they may have.

Philadelphia University Counselor

Assist Philadelphia University in getting their collegiate section up and running; advise on SWE best practices and potential events; connect the collegiate section to local professionals.

Corporate Liaison

Connect Philadelphia SWE to local companies, some of whom may be able to provide meeting locations, or financial support.

Awards Coordinator

Focus on member and section recognition. Compiles package to submit section for regional and society awards. Assists in submitting packages for members nominated for society awards. Helps identify any awards to be given at end of the year banquet. This year, will begin to develop foundation for yearly section awards for members.

Awards Banquet Chair

Plans and organizes the SWE Philadelphia End of Year Banquet.

If you're interested in any of these positions, please send an e-mail to Mary Beth Biddle at marybethb422@gmail.com.

Event Coordinators Needed – Help Plan an Event with PHL SWE!

Are you interested in helping to plan a tour, technical talk or social for SWE Philadelphia in the upcoming months?

- We are looking for 1 volunteer for each event to finalize event dates & details and to act as the SWE lead working with event partners (i.e. meeting location and other partner groups participating in the event, if applicable).
- Responsibilities include: working under the direction of the VP Professional Development (Tania Cai) to communicate with partners to set up event, finalize event logistics, and to attend the event & provide a copy of the attendance list to SWE officers.
- Time estimated to plan an event is ~1-2 hours total.

If interested, please email Tania (VP Professional Development) at: phila_profdev@swe.org

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



AmazonSmile is the same Amazon you know. Same products, same prices, same Amazon Prime benefits. 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!

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 the world's largest advocate and catalyst for change for women in engineering and technology. We help members reach their full potential as engineers and leaders through networking, professional development and the shaping of public policy. And, we inspire young girls to become engineers and support them with scholarships. To that end, the Philadelphia section solicits donations and allocates the funds to scholarships and programs geared towards professional development and outreach.

Stay up to date with SWE PHL through social media!

Website: <http://philadelphia.swe.org/>

Find the latest events, add our google calendar, and learn about volunteer opportunities

Facebook: www.facebook.com/philaswe

See past event photos, upcoming events and interesting articles

Twitter: [@PhilaSWE](https://twitter.com/PhilaSWE)

Join in the conversation, event reminders and photos! **#PhilaSWE!**

Instagram: [@PhilaSWE](https://www.instagram.com/PhilaSWE)

Share your SWE memories with us and check out photos from this year's events!

LinkedIn: www.linkedin.com/grp/home?gid=4173718

Show your colleagues your professional interests by joining the SWE Philadelphia group and find professional opportunities shared with SWE through our network

Philadelphia SWE Technical Spotlight

Learn more about where your fellow SWE Philadelphia members work in the Greater Philadelphia area!



Lindsay Poulin, B.S. Construction Management

1) What company do you work for and what do you do?

I work as a project manager in construction services for CRB Engineering, Architecture, Construction, & Consulting.

2) Why did you join SWE?

I am a HUGE advocate for the advancement of women in STEM related fields and joined SWE to help in the pursuit of impacting the future of engineering and technology.

3) How do you continue to grow your technical skills?

I continue to grow my technical skills by attending classes and trainings, subscribing to industry magazines and newsletters, being involved in several organizations, and reading lots and lots of books.

4) If you could give a single piece of advice to an undergraduate engineer studying in your field, what would it be?

Think outside the box and don't be afraid to push boundaries. Be a sponge – learn from what others do and expand upon it; make it better. Enhance their methods to increase your chances of success. Remember to stay humble, surround yourself with the right people, and find a good mentor.

UPCOMING EVENTS

Volunteer Opportunity: Intro to Coding Workshop for Girl Scouts



When: 1:00 – 3:00 PM, April 1, 2017

Location: Yardley, PA

5th-8th grade Girl Scouts will learn to code their own computer games using Scratch. We are partnering with The Coding Space for an afternoon of coding, followed by a Q&A for the scouts to learn more about our experiences in STEM. Please contact Elizabeth Rowland (erowland1824@gmail.com) if you're interested. [Please note: all volunteers will need to complete the necessary clearance/background checks prior to volunteering with Girl Scouts: <http://philadelphia.swe.org/volunteer-information.html>]

Volunteer: Judges for Delaware Science Fair



When: April 5, 2017

Location: Varies

Philadelphia SWE is looking for volunteers to help judge local science fairs! We are presenting Special Awards at the Delaware Valley Science Fair. Volunteers would be responsible for observing engineering related projects submitted by young women, asking the presenters questions about their projects, and selecting winners. Volunteers are needed for either a morning, afternoon, or all day shift on April 5th (DVSF). Any questions should be directed to Cassie Zook at crz333@gmail.com.

Underground Philadelphia: Subways, Railways, & Stations



When: 11:00 am, April 22, 2017

Location: 30TH Street Station, Philadelphia

Discover the Philadelphia Plan which gave us two Art Deco masterpieces, the monumental 30th Street Station and Suburban Station, the first all-underground rail terminal. The tour starts at 30th Street Station and proceeds via trolley (token provided) to 19th St. From the Comcast tower lobby descend into an underground concourse network to The Gallery, before ending at Reading Terminal and the Marriott Hotel. Along the way, lament the loss of Broad St. Station and learn about the 1905-mid-50s trolley and subway lines, the Broad Street subway (1928), the Commuter Rail Tunnel (1984), and the former Reading Terminal, now part of the Pennsylvania Convention Center. (This tour requires climbing some stairs, though escalators and elevators are available at most points.) Meet at the Angel statue by the main concourse of the east entrance of 30th Street Station.

We will have lunch after!

Reserve your spot at <http://philadelphia.swe.org/get-involved.html>

Contact Tania at tjc456@gmail.com with any questions.

Philly Science Carnival with Drexel SWE



When: 10:00am – 4:00pm, April 29, 2017

Location: Penn's Landing, Philadelphia

Volunteer as we team up with Drexel SWE at the [Philly Science Carnival!](#) This event attracts tens of thousands of people of all ages. We will be building simple circuits and operating our "body light" demonstration. Shifts to sign up are 9am-1pm (includes setup) and 1-4pm. Please fill out [this form](#) if you are interested in volunteering (and state "Other - Philadelphia SWE member" for graduation year and enter your email address where it says Drexel email when filling out the form). E-mail Kristine Loh at kloh@drexel.edu if you have any questions.

Franklin Institute Volunteer Opportunities



If you're looking for more opportunities to make a difference, the Franklin Institute is putting on several events in the next two months:

Philadelphia Science Festival

When: April 21nd- 29th

- SWE Members please contact Ellen Trappey – Etrappey@fi.edu for SWE Members

Science in the National Park

When: 10:00 AM – 3:00 AM Thursday, April 27, 2017

- Activity providers should expect to be on site/facilitating from 9:30 am-3:30 pm.
- Working with the National Parks Service on their Every Kid In The Park Initiative to get every 4th grade student in a National Park.
- Funding is available to cover costs of activity supplies.
- SWE Members please contact Rachel Giatras – rgiatras@fi.edu

2017 Diamond Symposium – Sponsored by DOW



When: 8/21/17 – 8/24/17

Location: The H Hotel, Midland, Michigan

Application Deadline: 5/15/2017

The Dow Chemical Company will be hosting a three-day, all expenses paid, symposium aimed at the very best African American, Latino, and American Indian undergraduate students majoring in Engineering, Supply Chain Management, Accounting/Finance, and Business Administration/Marketing.

Diamond Symposium participants can expect to:

- Hear from dynamic Dow leaders on “How to Create Your Personal Brand” and “Build Networking Skills”
- Learn more about Dow, our technology & products, our sustainability, and our employee resource groups
- Participate in a cross-functional case study
- Meet and network with Dow leaders and employees

For more information, or to register, please visit

<http://www.dow.com/en-us/careers/diamond-symposium>

PREVIOUS EVENTS

Introduce a Girl to Engineering Day



On Saturday, February 25, the Franklin Institute commemorated Introduce a Girl to Engineering Day by hosting four hours of fun for young girls and volunteers alike. Philadelphia SWE members and DOW employees spent their time leading hands-on activities that encourage the design process in order to expose the fascinating world of engineering to the young learners. One activity the girls got to experience was the Windy Valley station (pictured). The young inventors had access to a variety of materials to create an object that would fly in the wind tunnel. If the inventions didn't fly, the girls would make modifications to fine tune their designs.

SWE – Penn EAS Engineering Happy Hour



The University of Pennsylvania's Engineering Alumni Society (EAS) and the Society of Women Engineers (SWE) had a great time on March 16th at Strangelove's in Philadelphia. Attendees socialized, connected, but most importantly had lots of fun. We hope to see you at the next one!

Capitol Hill Day

This March 15-16, one of the coldest days in Washington DC, over one hundred STEM supporters from SWE and other sponsoring organizations gathered on Capitol Hill to increase awareness that, "Diversity and Inclusion Fuels Innovation in STEM," the theme of this year's event. SWE Philadelphia had two members attend, Amanda Weissman and Maria Legato. They had the opportunity to attend training on current public policy initiatives in SWE and how to meet with your senators and representatives. They also attended the 'Perspectives from Capitol Hill and Beyond' Panel with James Brown (Executive Director STEM Education Coalition), Dahlia Sokolov (Subcommittee Staff Director House Committee on Science, Space & Technology), and Talib Karim (Executive Director of the STEM4US!). The event was an excellent learning opportunity to hear what STEM initiatives were currently being pursued on Capitol Hill and the importance of funding these initiatives. Weissman and Legato also attended a congressional reception where multiple guests of honor from many states spoke about their long standing support of STEM and diversity. It was inspiring to hear Congresswoman Eddie Bernice Johnson (D-TX) who, in December 2010, was elected as the first African American and the first female Ranking Member of the House Committee on Science, Space and Technology. Her long standing support of women in STEM is evident by her yearly support of SWE's Capitol Hill Day.



As New Jersey Residents, Weissman and Legato, along with New Jersey SWE Member Anne Steinhardt, met with the offices of Senator Cory Booker (D-NJ), Senator Bob Menendez (D-NJ) and Representative Josh Gottheimer (D-NJ-5). Each of these offices are strong supports of STEM but were appreciative to hear with bills SWE and our affiliates are specifically supportive of and which we support funding. They were also appreciative to hear our individual stories from our lives about needing diversity in universities and the workforce, needing support for working parents, and the importance of education, specifically for cyber security. SWE residents from Pennsylvania met with the offices

of Senator Robert Casey (D-PA) and Representative Glen Thompson (R-PA-5). Overall, the attendees met with staff members, senators, and representatives from 73 different offices from all around the country.

If you are interested in learning about some bills that SWE is supporting, please read about S.3084 - American Innovation and Competitiveness Act, Student Support and Academic Enrichment formula grant program found in Title IV, Part A of the Every Student Succeeds Acts, and the Inspiring the Next Space Pioneers, Innovators, Researchers, and Explorers (INSPIRE) Women Act. Additional talking points included support for the National Science Foundation, Title IX protections, and work/life balance policies.

This event is open to all SWE members and we hope you can join us there next year!



Discover Your Future Day

Discover Your Future (DYF) Day is an annual day of STEM workshops held for local middle women in Blue Bell, PA organized by American Association of University Women (AAUW). Seven members of SWE Philadelphia (Jennifer Ligo, Esther Lim, Megan Seiders, Brittany Wu, Lindsay Poulin, Danielle Dunn and Elisha Rios) teamed up with 2 Dow STEM Ambassador members to hold 2 workshops for over 150 participants, including the DNA bracelet kit and learning about density through the Liquid Rainbow kit at this year's DYF Day held on March 25 at the MontCo Community College Campus. Below are pictures captured for the Liquid Rainbow demonstration.



SWE/AWMI Panel – Bridging the Gender Gap



Our third annual AWMI/SWE panel on March 30th was a success! The Association of Women in Metal Industries (AWMI) and SWE teamed up to discuss how we can all help bridge the gender gap. Our three panelists talked about biases they have encountered and seen throughout their careers. They encouraged all attendees to ask for feedback, stand up for what they want, and to stop worrying about how those around them are performing. All three panelists also reflected on the value of women's networks. They said these networks aren't a necessity, but they become very important when forming friendships, maintaining lasting connections, and growing professionally. SWE is looking forward to another panel event next year with AWMI!

MEMBER NEWS

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

OFFICER CONTACT LISTING

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Meeting/Events Coordinator	OPEN	
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UPCOMING EVENTS

April 5, 2017	Delaware Science Fair
April 21 - 29, 2017	Philadelphia Science Festival
April 22, 2017	Underground Philadelphia
April 27, 2017	Science in the National Park



Search SWE Philadelphia



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, demonstrating the value of diversity

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