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## LETTER FROM THE PRESIDENT

Hello Philadelphia SWE!

I hope your 2017 is off to a good start!

As our fiscal year starts its second half, I encourage everyone to participate in our “outreach season.” In addition to supporting local universities with their outreach events, members can get involved in scholarship judging at the Society level (<https://www.surveymonkey.com/r/QL9KKV3>) and the local level (email [philaswescholarships@gmail.com](mailto:philaswescholarships@gmail.com) with interest), participate in science fairs, share their passion for engineering at the Philadelphia Science Carnival in April, and more. Judging scholarships is always a nice option for busy members to participate virtually, and the applicants continue to amaze! Information on these opportunities will become available as the event details are finalized.

To help kick off all these outreach events, SWE Philadelphia joined forces with Dow STEM Ambassadors and the Franklin Institute to provide members best practices and concrete strategies for engaging children and families hands-on in STEM. Make sure you register [here](#) to receive details.

You can also look forward to our annual panel event with AWMJ on March 29<sup>th</sup>. We will be discussing “Bridging the Gender Gap,” and all attendees are encouraged to bring a male colleague. This event has been growing over the last three years, and we expect record attendance once again! If anyone has questions they would like see our panelists answer, please send them my way.

Keep an eye on your email, our Facebook, and other social media accounts for information on our upcoming events. We are looking forward to the last Region E conference in Syracuse, NY at the end of February and nominations are being accepted for SWE individual awards. Please let me know if you will need a letter of support from the section.

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](mailto:phila_president@swe.org).

Mary Beth Biddle



# WELCOME 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
<b>Michelle Burnworth</b>	Collegiate
<b>Gwyneth Linus</b>	Professional
<b>Amanda Lydick</b>	Collegiate
<b>Diane Phan</b>	Collegiate
<b>Sandra Pietrusza</b>	Professional
<b>Amanda Schafer</b>	Collegiate
<b>Adrienne Walter</b>	Professional
<b>Lauren Chiota</b>	Professional
<b>Vy Ho</b>	Collegiate
<b>Michael Marano</b>	Professional
<b>Katherine Prelog</b>	Collegiate
<b>Sandra Snozzi</b>	Collegiate
<b>Emma Vogan</b>	Collegiate

## SOCIETY NEWS

### "Learn How to Become a Better Outreach Volunteer" Webinar

Thursday, Feb 23 12- 1pm

Ever wonder how to better connect with students when volunteering at an outreach event or struggle on how to describe what you do as an engineer in simpler terms? Save the date for a free webinar given by Tara Cox, Manager of Special Projects at the Franklin Institute! The webinar is being hosted by Dow STEM ambassadors. Registration information to follow.

## SECTION NEWS

### FIRST Robotics

Support Team 341 by volunteering on build days at Wissahickon High School, Saturdays and Sundays from 8am to 5pm until March. Contact the coach, Kirsten Jahn Richardson ([kirsten@team341.com](mailto:kirsten@team341.com)), for more information.

### Apply for a SWE Individual Award

SWE Individual Award applications are open! The application closes March 31, 2017. See the website for more details: <http://societyofwomenengineers.swe.org/awards/individual-awards> If you are a Philadelphia SWE member applying for an award and you need a letter from the section, please email Mary Beth as soon as possible at [phila\\_president@swe.org](mailto:phila_president@swe.org)

### Looking for Professional Member Graduate Students

Are you currently a professional member in the Philadelphia SWE section who is pursuing a graduate degree? The SWE Graduate Student Community would like to hear from you!

GradSWE is here to help provide support for those attending graduate school in any capacity: part- or full-time, masters or doctorates - everyone is welcome! Please contact Sharon ([s.m.vuong@gmail.com](mailto:s.m.vuong@gmail.com)) if you would like more information on the GradSWE community, and/or if you would like to provide feedback on how we can better support professional members through their graduate school career.

### Certificate of Merit Chair needed!

We'd like to have a volunteer join our team as Certificate of Merit Chair.

Please contact Mary Beth ([marybethb422@gmail.com](mailto:marybethb422@gmail.com)) if you're interested!

## 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!

## 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](http://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](http://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 Member Spotlight

Learn more about your fellow SWE Philadelphia members!



### **Haydee Euceda Mechanical Engineer**

**1. What company do you work for?**

Air Liquide, Scott Medical Products

**2. What is your position/title?**

Project Engineer

**3. How many years have you been with your company?**

I've worked for Air Liquide for about 4 years now. I started out in the ALLEX program, a 2-year rotational program where I worked in different divisions of the company. I'm actually from Houston, TX and moved to this current position and location a year and a half ago.

**4. What is your favorite part of your job?**

I love how diverse my work is. In my current position, I get to work on medical gases and devices. My day can range from working on product development, developing validation protocols for new equipment, to running calculations to spec out new equipment. In one rotation, I worked in the Engineering & Construction division where I identified the valves and truck scales for a new plant we were building. During a co-op, I worked in pharmaceuticals where I had the opportunity to work on equipment used in suture manufacturing. I've had the opportunity to work in a wide range of industries and experience how engineering ties it all in.

**5. What goal are you working on that is yet to be achieved?**

I'm working on obtaining a Professional Engineer (PE) license.

## UPCOMING EVENTS

### All Engineers Dream Big

Saturday, Feb 25 10am - 4pm at the Franklin Institute in Philadelphia

Every project, great or small, starts with a dream. A dream to create and build. All engineers, both female and male, engage their creativity and technical know-how to transform dreams into reality. They are dreamers across the professional spectrum in fields such as transportation, agriculture, medicine and beyond.

The Franklin Institute is requesting STEM Ambassadors (and SWE network members) to bring engineering to life for kids (especially girls), educators, and parents during their Dream Big Engineering and Introduce a Girl to Engineering event. Your support will help celebrate how engineers make a difference in our world and increase public dialogue about the need for all engineers, especially female engineers.

Two shifts are available from 9:30a – 1p and 12:30p – 4p.

Sign up for one or both at [this link](#). Free parking is available to all volunteers who drive in and park in the on-site garage.

### Discover Your Future Day

Saturday, Mar 25 8-3:30pm at the Montgomery County Community College Central Campus in Blue Bell

Join us to lead 2 hands on workshops for 160-175 middle school aged females (grades 5,6,7). All workshop materials will be provided at the event, along with training the day of the event. To register to volunteer, please contact Elisha Rios at [phila\\_outreach@swe.org](mailto:phila_outreach@swe.org).

### SAVE THE DATE: SWE/AWMI Panel

Thursday, Mar 30

More details to follow.

### Penn Gears Day

Saturday, April 1 at the University of Pennsylvania Campus

Save the date for this annual event as we team up again with UPenn SWE to lead workshops for high school women. More details to follow.

## PREVIOUS EVENTS

### SWE and AWIS: Holiday Cooking Demo and Dinner

The local chapter of AWIS and SWE gathered for a holiday cooking demo and dinner. The attendees witnessed a dessert demo for cooking "Sous Vide", meaning under a vacuum. The instructor placed a pear in plastic and vacuumed the air out, then dunked it into warm water for a couple hours. The pear cooked meanwhile the group ate dinner.



### Girl Code: An Intro to Coding Workshop

We teamed up with The Coding Space and hosted a coding workshop for high school Girl Scouts. Hands-on workshops and demonstrations were used to teach coding fundamentals. The workshop was followed by a Q&A sessions for the girls to learn more about our experiences in STEM.

# OFFICER CONTACT LISTING

<u>FY17 Elected Officers</u>	<u>Name</u>	<u>Email</u>
<b>Executive Council Voting Members</b>		
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## UPCOMING EVENTS

February 25th	All Engineers Dream Big
March 25th	Discover Your Future Day
March 30th	SWE & AWMI Panel
April 1st	Penn Gears Day



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*