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Society of Women Engineers
Philadelphia

INSIDE THIS ISSUE:

LETTER FROM THE PRESIDENT	1
WELCOME NEW MEMBERS	2
SOCIETY NEWS	2-6
SECTION NEWS	6-11
UPCOMING EVENTS	11-12
PREVIOUS EVENTS	12
MEMBER NEWS	13
CONTACT LIST	14

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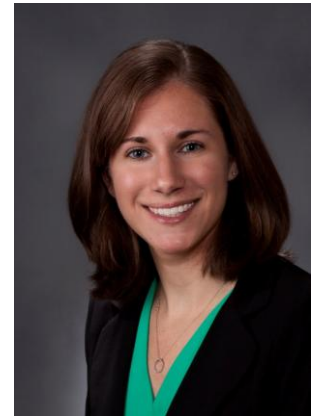
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LETTER FROM THE PRESIDENT

Hello SWE Philadelphia!

As the fiscal year comes to a close, I am beginning to reflect on the past few months. As president, I can certainly say we have had successes, but I have also been able to see some areas where we need improvement. As you're all enjoying your summers, I want you to keep an eye and ear out for potential new activities that Philly SWE could participate in. If you have any ideas, or even general suggestions for me, I have an "open door" policy; feel free to email me at any time!



For our outreach events, we were able to continue our support of programs like the Widener University Mini Camp, Delaware Valley Science Fair, and Certificate of Merit. We were also able to change up our Girl Scout programming and offer two sessions with The Coding Space, giving the girls an intro to coding. Special thanks to Girl Scout Chair Elizabeth Rowland for coordinating both the event and the financial backing.

As our section continues to grow, so does our mailing list. Our Communication VP Julie dealt with transitioning twice between various email services. We hope you're all still receiving our emails without issue. The good thing about these email services is that we can see real time data. We have discovered that emails with newsletters (thanks for reading!) and mention of alcohol are opened the most. You've spoken without realizing it, and you have been heard - we will incorporate this into planning for next year!

Overall, it's been a fun year, and I look forward to continued growth of the section. Philly SWE would not be as great, however, if it weren't for all the great volunteers. We have volunteer veterans who have held positions over many years, volunteer newbies who have stepped up this year, and volunteers who make time even during retirement to help the section. I couldn't do my job without you, and I appreciate all your hard work. Thanks for all you do - I hope you have some time to relax this summer!

I hope all our members get a chance to have some fun this summer, and I look forward to picking up with new energy in the late summer!

Mary Beth Biddle

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
Jayne Dorfmann	Professional
Sunsharay Chestnut	Professional
April Shubert	Professional
Linda Jan	Professional
Sarah Siegel	Professional
Allie LaPorte	Professional
Abigail Strouse	Professional
Maya Jankowska	Collegiate
Tina Setter	Collegiate
Cinnamon Christian	Professional

SOCIETY NEWS

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!](#)

Don't Forget to Renew Your Membership!

Follow these instructions and renew your membership today!

If you renew your membership before July 1, you will receive a \$5 discount on your membership dues – just enter the code EBIRD at Checkout.

Call for Committee Chair/Chair-Elect/Members

There have been two new additions to the FY18 call for committee members. The Society of Women Engineers have recently established the WE Local Awards Task Force and the Integrated Marketing Advisory Board. Both are looking for qualified SWE members to assist in completing their deliverables.

The WE Local Awards Task Force is looking for **a chair and members** to serve for FY18 and develop a framework for implementing a new awards program in concert with the WE Local events. These awards will be implemented at the WE Locals in Spring 2019. Candidates should have experience with either current Region Conference or Society Awards programs and/or similar experiences within the Society to best participate in this Task Force.

The Integrated Marketing Advisory Board is looking for **a chair-elect and members**. This newly created board will advise the Society on communications focusing on public relations and social media. Candidates should have experience with SWE's brand guidelines, various social media platforms, and be comfortable speaking to SWE groups on these topics.

If you are interested in applying for any of these roles, [please complete this survey by June 15th.](#)

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.](#)

SWE FY18 Leader Election Results Are In!

We are pleased to announce the results of the election for our FY18 Board of Directors, Board of Trustees, Senate Leadership, Senators and Region Governors. We would like to thank the Nominating Committee and Chair, Kelly Schable, as well as Teller Sandra Hyland, for their hard work and dedication in developing and submitting an outstanding slate of candidates and overseeing the election process.

The following individuals will continue in their leadership roles based on previous elections:

President	Jonna Gerken
Treasurer	Heather Doty
Directors	Karen E. Roth Michele O'Shaughnessy
Director of Regions	Lisa Rimpf
Trustees	Ester Barbuto Diana Joch Angela Nickels Sandra Lee Postel Mary Higgins Studlick
Region B Governor	Kim O'Rourke
Region D Governor	Andrea Clewley
Region F Governor	Anne Roberts
Region H Governor	Tricia Walker
Region J Governor	Lisa Schmalhurst

SWE welcomes **Ingrid Arambula** as collegiate director serving on the FY18 board of directors. Ingrid was selected by the collegiate section presidents during the FY18 Collegiate Leadership Election.

Senators were also elected for each Region during this year's election. For professional senators, the first person listed is serving the second year of a two-year term; the second person listed was just elected to serve a two-year term.

Professional Senators	
Region A	Deborah Stromberg Tasha Kamegai-Karadi
Region B	Frances Stuart Nadia Bess
Region C	Kate Van Dellen Hope Toole Schwalls
Region D	Sandra Pettit Wendy Cocke
Region E	Gail Dyer Alexis Wasserman
Region F	Stephanie Yum Cherie Cain
Region G	Marilyn Reeder Jamie Tylicki
Region H	Jennifer (Jen) Brooks Lynn Davenport
Region I	Leslie Crissup Pam Buzzetta
Region J	Stephanie Chin Tamaira Ross
International Members	Anu Gilhotra Shivani Koul

Collegiate Senators were selected during the collegiate elections in March. They also serve one-year terms.

Region Collegiate Senators	
Region A	Shelby Freese
Region B	Lucero Lopez
Region C	Liberty Schmidt
Region D	Grace Devine
Region E	Dhanu Thiyagarajan
Region F	Genevieve Kane
Region G	Sarah Watzman
Region H	Kelsey Harper
Region I	Paige Bowling
Region J	Michelle "Mimi" Shang

The **Tellers report** serves as official documentation of the election results. Please join us in wishing all of these SWE leaders much success in their new and continuing roles.

SECTION NEWS

Meet the New FY18 Philadelphia SWE Officers

It is our privilege to announce the newly elected FY18 Philadelphia SWE Officers. Some names may be familiar, and others you'll be seeing for the first time. These leading ladies' goal is to steer the Philadelphia SWE Section through another fun and impactful year. Please join me in congratulating the new FY18 Officers Elect, and applauding the FY17 Board for a wonderful year.

President	Mary Beth Biddle
VP of Communication, Senior VP	Julie Williams
VP of Outreach	Jen Ligo
VP of Professional Development	Jillian Ditzler
Treasurer	Sharon Vuong
Secretary	Kimberly Lam
Section Representative	Maria Legato
Alternate Section Representative	Aurora Achong

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.

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

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.

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!

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.

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

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

Instagram: @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 Member Spotlight

Learn more about your fellow SWE Philadelphia members!



Jillian Ditzler, B.S. Mechanical Engineering

1) What is the most interesting project that you have worked on?

The most interesting project that I've worked on was the installation and start up of three machines in a new production line. The process and machinery types were new to the plant and company as a whole. As the assigned mechanical engineer I got to figure out the maintenance, spare parts, troubleshooting methods, and training programs with the team. It was a very comprehensive and exciting project, and so rewarding when we got to see the first (good) product come out!

2) How do you keep a competitive edge?

I've found it critical to my success in manufacturing to have an understanding of the work of mechanics, fabricators, and operators. I have gained so much functional knowledge through them and a collaborative relationship is key when a new solution is being deployed. A great mechanic can be your biggest ally when trying to understand a problem, especially when you're new in your career. Networking is crucial regardless of position type.

3) How does SWE influence your career, and your life?

I'm still fairly new to SWE but it has been really nice to meet others and hear about the interesting work that they do. It's inspiring to hear about what others have accomplished and the career possibilities out there. After joining SWE I feel more connected with the profession and my industry.

4) Name your favorite SWE events (top 3) that you have attended, and one upcoming SWE event that you are looking forward to.

1 - My favorite event that I have been to was one I went to in high school. I had no idea what I wanted to major in and a teacher suggested I attend SWE's Engineering Day at Widener. Before this, I had no idea what an engineer did or what engineering really was. I left that day with complete certainty that mechanical engineering was what I had been looking for. I will be forever grateful to SWE for that!

2 - I went to Georgia Tech and they had a strong SWE chapter. For one of the speaker dinners they had a woman who worked in manufacturing and that sparked my interest in the field. Although it was just a simple event it drove me towards a career that I love.

3 - My first event that I did after joining Philly SWE was a science fair. It was a blast to meet some of the members and so encouraging seeing the amazing work young girls are doing. I really look forward to participating in more next year!

In the future I am hoping to participate in FIRST LEGO League events.

5) What hobbies do you enjoy?

I love to rock climb, cook, and read. I travel a lot for work but I enjoy going out and seeing new places when I have time. I also love to play or watch pretty much any sport and have found a special talent for coming in second in fantasy football leagues.

Philadelphia SWE Technical Spotlight

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



Lucy Schneider, Engineer in Training, Civil Engineering

1) What is your education and/or work experience, and how has it impacted your career path?

In college at Brown University, I received a scholarship for women in STEM and completed my undergraduate degree in mechanical engineering in 2000. After school, I kept gravitating away from the office and out into the field, and worked for seven years for my father, a design/build architect with an engineering degree. I really enjoyed working with my hands, and learned the basics of residential building techniques from concrete pours to finish carpentry to roofing. However, in my early 30's, I realized I needed to make a long term plan to get off my feet, so I took several courses in drafting software (AutoCAD, Revit, and SolidWorks) and transitioned back into the office working for Gardner/Fox Associates as their ArchiCAD Facilitator about two years ago. Brook Gardner, the staff PE, suggested I try for the Fundamentals of Engineering (FE) exam, and I've just started my four year apprenticeship as an Engineer in Training (EIT) with him after passing the exam in April.

2) Can you describe a recent engineering project you were part of? What were some challenges you faced, and how did you resolve them?

My biggest recent engineering goal was getting ready for the FE exam 17 years out of school and in a different discipline than I studied in college. I took several online courses specifically targeted to the FE Exam in the Civil concentration so that I could be ready to work as an EIT focusing on construction after I passed. I drilled replicating exam conditions, keeping a timer running when I worked on homework problems, and taking as many sample exams as I could find. My main ally in this process was Professor Joseph Moser, a retired calculus professor at West Chester University, who tutored me to get me back in the math game after so many years away. His directed lessons were the cornerstone not only of re-learning the material from college, but also of achieving more intuitive and flexible approach to problem solving.

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

I always try to ask questions in a meeting or on a jobsite, and love to keep learning about all aspects of how buildings get built from my colleagues. I also really enjoy the wide range of engineering and physics professors who post lecture videos on Youtube, which wasn't available when I was in college. One of my favorites is Prof. Mark French's PurdueMET series. The Coursera app has really great courses in materials and dynamics as well as a FE review course from GeorgiaTech professors, and you can access the videos for free.

UPCOMING EVENTS

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>

Volunteers Needed at Tech Trek Camp



Date: Thursday, July 20, 2017

Time: 6 – 9:30 pm

Location: Stockton University

The American Association of University Women (AAUW) is hosting a Tech Trek Camp at Stockton University in Galloway, NJ in July 2017. They are in need of volunteers, either participants or assistants, for their Professional Women's Night. The goal of this evening will be to inspire the camp girls to continue their education in STEM fields and to expose them to the many careers that are available.

Volunteer to be a participant or an assistant today. For more information on the event, please email Dottie Pearson at pearson@princeton.edu.

Philadelphia SWE Spring Soiree

Details coming soon!



PREVIOUS EVENTS

DOW Paint Tour



On Tuesday, May 9, Philadelphia SWE visited The Dow Chemical Company's "Paint Quality Institute" to learn more about paint ingredients and the formulation science behind quality products. Coatings experts showed how paint products used by consumers and professional painters are tested, and how they are evaluated. The attendees took a walking tour of the test field where 100,000's of paints are exposed to the elements and tested with today's most sophisticated equipment. Now we know a little bit more about what goes into the paint making products, and can make better decisions the next time we need to paint!

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

FY17 Elected Officers	Name	Email
Executive Council Voting Members		
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Section Representative	Maria Legato	legato.maria@gmail.com
FY17 Committee Chairs and Section Leaders		
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Collegiate Liaison	OPEN	
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Science Fair Coordinator	Cassie Zook	crz333@gmail.com
Science Carnival Chair	Kathryn Rieger	kathryn@cogdes.com
FY17 Professional Development		
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Meeting/Events Coordinator	OPEN	
Awards Coordinator	OPEN	
Awards Banquet Chair	OPEN	
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UPCOMING EVENTS

July 20, 2017	Tech Trek Camp
August 21– 24, 2017	2017 Diamond Symposium
TBD	Spring Soiree



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