



SWE Outlook

The Philadelphia Section ~ Region E

FY15.9 April 2015

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LETTER FROM THE PRESIDENT

Greetings SWE Philadelphia!

March brought the celebration of Women’s History Month and preparations for SWE’s 65th anniversary, an amazing accomplishment for such an empowering organization. Continuing the trend of celebrating trailblazers in our profession, our section had the privilege to hear from a true pioneer in her field, and one of our very own section members, at our Annual Awards Brunch: RADM Jan Hamby, USN, Retired.

RADM Hamby delivered a most insightful keynote which focused on the “10 Be’s” to guide you through your career: Be Yourself, Be Realistic, Be Noticed, Be Heard, Be Mentored, Be Confident, Be Healthy, Be Balanced, Be Strategic and Be a Leader.

There were two points that hit home for me. First, “if there’s no one to lead, lead yourself.” Such a simple statement, and one that can be easily overlooked. I’ve heard countless times from my mentees and coworkers that they want a ‘leadership’ role; focus on leading yourself, applying the leadership principles to yourself and strive to make yourself the best leader you can be and eventually, a team will follow.

The second point that resonated with me was to ‘have a plan.’ RADM Hamby stated that it is okay to change your plan, but you need to have direction, something to guide you in your career and in life. If you decide to change course, that is ok.

We celebrated the selection of our 9 SWE Philadelphia Scholarship Recipients, made possible by generous donations from our Corporate Sponsors: Merck & Company, the Dow Chemical Company and Quaker Chemical Corporation. We also recognized key members of the section that have gone above and beyond to grow our SWE programming. Those members are: Mary Beth Biddle, Elisha Rios, Jill Foster, Erin Kiseclia, Maria Legato, Sharon Vuong, Jennifer Pesch, Nicole Wilson, and Elizabeth Rowland.

Lastly, I was thrilled to be able to be a part of the team that inducted our newest member, Heather Bernardin, into our SWE Philadelphia Hall of Fame. Heather has been a long time member of SWE Philadelphia and has made significant contributions to the Society. CONGRATULATIONS HEATHER!

In this Edition:

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As FY15 approaches an end, there are still opportunities for you to get involved! We have several outreach activities coming up including our Certificate of Merit recognition and our annual Mother-Daughter (friend, significant other, etc.) Tea coming up at the end of May.

I hope to see you soon!

Regards,

Tessa

SOCIETY NEWS

Join a Committee for FY16!

SWE Members,

I am pleased to announce the call for FY16 committee members. The power of our committees and our volunteers is what moves SWE forward. Society committees are also a major aspect of our talent development pipeline process. I encourage both collegiates and professionals to join the SWE volunteer team for FY16!

The Outreach Committee just announced the launching of [SWENext](#) - a new way for girls to learn and participate in engineering. The Awards committee developed criteria for the Advocating Women in Engineering and Spark awards and is currently heading the selection process for individual award recipients. [Find a committee](#) that matches your interests and availability in FY16. There are a wide range of opportunities and levels of commitment.

If you would like to continue serving on a committee, please confirm with your current leader. For any new roles, please complete the simplified [online volunteer interest form](#) by May 25, 2015. Questions about a committee? Find contact information for current chairs on the [committees page](#).

SWE values diversity and thus I encourage all of you to think about the opportunity of serving on a committee. Thanks to all who are currently serving. I am looking forward to another great year of progress!

Colleen Layman
FY15 President Elect

SECTION NEWS

Philadelphia SWE Member Spotlight

Check out the answers to these interview questions below to see what your fellow SWE members are up to, and get to know them a little better!



Katie Rose Scoboria, Villanova University Student

1) *Did anyone in particular inspire you to study engineering?*

I've always been interested in math and science because those subjects were the ones in which I felt most capable. However, I don't think I was introduced to engineering as a college major or a career until 6th grade, which was the first year I did a science fair project – and I have my grandfather to thank for that, and for inspiring me to become an engineer. He has his doctorate in physics and was a professor at Penn State for a number of years. My grandfather has assisted me in countless hours of projects, physics, and mathematics, and he has also attended

softball games, band recitals, award ceremonies, and college visits of mine, not only guiding me towards my goals but supporting me in all my endeavors. Without him, I never would have realized my full potential in engineering, nor have gone to the International Science Fair – even my essay for college applications was about how lucky I am to have him as a grandfather. He has been with me every step of the way, and I will never be able to thank him enough for all that he's helped me accomplish.

2) *Briefly describe your Gold Award project.*

In the winter of my senior year, I decided to put my plan for my Gold Award project into action. Due to the lack of women in STEM fields, I decided to create a workshop at my high school, Berks Catholic, which would introduce grade school girls to science, technology, engineering, and math, called "Girls Step Up For STEM Day." Last May, over two dozen seventh grade girls from Catholic feeder schools across Berks County came to the event, and got the chance to speak with female professional engineers, engage in math activities, race their own balloon powered mini-cars, and have lunch together and discuss their own goals. I also held a similar workshop at my local library, and then received the Gold Award in August for over 80 hours of leadership and service.

3) *Fast forward three years – what do you hope to have accomplished by the time you graduate from Villanova?*

I'm studying Mechanical Engineering at Villanova, and obviously hope to be able to graduate with a B.S. in Mechanical Engineering as well as complete a minor in English. Some of the things I'm currently involved in include Villanova Pep Band, Society of Women Engineers, Liturgical Ministry, Engineering Peers, Faith and Learning Scholars, and Outdoors Club, so I plan to stay active in those groups, as well as hold my position as Manager of the Varsity Softball Team, which is my work study job. In the coming years, I would love to hold an appointed position in SWE, attend a service break trip, and perform research that relates to my intended field.

4) What do you think is the biggest benefit of being a SWE Member?

The biggest benefit of being a SWE member, without a doubt, is getting to meet so many other women who are going through the same things I'm going through. Being in a major and getting into a field that has a much higher ratio of men than women can be challenging. However, SWE offers an environment in which women can come together and share experiences, goals, advice, and just be a support system for each other. This is extremely beneficial to current female engineering students who are seeking help or just need a place to escape to from their male dominated classes.

5) Who do you admire most?

Out of all of the people in my life, my parents are the people I admire most. While this question may have called for a singular person, my response cannot simply be "my mother" or "my father," or even both of them individually, but rather, both of them together. I believe that when they are together, they are the most inspiring. My dad is a parole officer for Reading, and my mom earned her doctorate from Temple and is a retired educator. They are the most amazing, loving, generous, and sacrificial parents, between all of the things they do for my two siblings and I, and for all of the things they do for each other. They put my siblings and I through 12 years of Catholic school and now college, coached our sports teams, drive us around, cheer us on, and support us in everything we do. I am truly blessed to have been raised by two outstanding people.

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.

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!

The Philadelphia Section of the Society of Tribologists and Lubrication Engineers (STLE) Scholarship Application

Applications, recommendation letters, and transcripts are due by May 30, 2015. More information is available on our website: <http://philadelphia.swe.org/get-involved.html>

Vote for Philadelphia SWE Elected Officers!

Remember to cast your vote to elect which ladies will be leading our section during another exciting and eventful year. The ballots and nominee bios are in your e-mail. Please return ballots, or submit queries, to diana.m.russella@boeing.com by May 10, 2015.

Certificate of Merit Program

The annual Certificate of Merit Program is underway! We will be sending a request for presenters via a Doodle Poll shortly.

UPCOMING EVENTS

Science Carnival - Volunteers Needed!

Date: May 2, 2015

Time: 10:00AM-4:00PM

Details: Join the Philadelphia section of the Society of Women Engineers for a fun-filled day exploring how to use chemistry to make your own bouncy ball using household items. Participants will take home their freshly made toys! If you are interested in volunteering for any part of the day, please contact Kathryn Rieger at kathryn@cogdes.com

Save the Date! SWE Annual Mother/Daughter Tea

Date: May 30, 2015

Time: 11:00AM-1:00PM

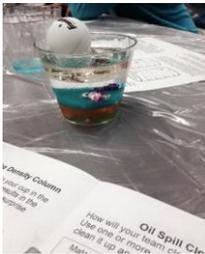
Location: Special Teas Tea Room, Olde Ridge Village Shoppes, Ste #37, 100 Ridge Road, Chadds Ford, PA

Details: Join Philadelphia SWE for our annual Mother/Daughter tea. This event will be open to all SWE members, and we encourage you to bring your mother, daughter, and/or friends. RSVP to follow.

PREVIOUS EVENTS

Spring Girl Scout Day, sponsored by Exxon Mobile

On Saturday, April 11, approximately 40 Junior Girl Scouts joined the Philadelphia section of the Society of Women Engineers for a day of fun! The girls rotated through four stations to learn about Ocean Engineering. In addition to receiving ship building lessons from Naval Architecture and Marine Engineering students at the Webb Institute in Long Island, the girls learned about density, deep sea diving, and oil spill clean ups. Philly SWE volunteers were joined by members of Princeton's Graduate Molecular Biology Outreach Program to host a great program for the girls. In addition to activities for the Girl Scouts, parents were engaged in a special parent education session. Myths about engineering were dispelled and additional sources of engineering activities were presented. Overall, it was a rewarding day; the parents proved our efforts were worthwhile by all scoring the event an "A!"



V-22 Factory Tour, hosted by The Boeing Company

On April 15th, The Boeing Company's Philadelphia site hosted local SWE members for dinner and a V-22 Factory tour. The V-22 Osprey is a joint service multirole combat aircraft utilizing tiltrotor technology to combine the vertical performance of a helicopter with the speed and range of a fixed-wing aircraft. Attendees included 6 SWE Philadelphia members, 7 SWE DeIMar members, 7 SWE University Students, and 4 Boeing Employees. All attendees indicated that the tour was educational and very well presented. Boeing Philadelphia is looking forward to continuing their support with the 2016 Annual Conference being held in Philadelphia during Boeing's 100th Anniversary. It's going to be a great year!

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

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
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Vice President Prof Develop	Elisha Rios	phila_profdev@swe.org
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UPCOMING EVENTS

January	
May 2 nd	Philadelphia Science Carnival
May 30 th	SWE Annual Mother/Daughter Tea



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.