



SWE Outlook

The Philadelphia Section ~ Region E

FY14.7 April 2014

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LETTER FROM THE PRESIDENT

Hello SWE Philadelphia,

Happy spring! I hope you are as excited as I am about two big events coming up for our section this weekend and next: our annual awards brunch on Sunday April 27th at Rosa Blanca in Philadelphia, and the Philadelphia Science Carnival on Saturday, May 3rd on the Ben Franklin Parkway. The brunch is a chance to celebrate our scholarship winners, as well as members of our section who have made great contributions to SWE, supporting both each other and the next generation of female engineers. Speaking of the next generation, the Science Carnival is a wonderful opportunity to inspire them en masse. We still need volunteers to help staff our booth as we present a hands-on science activity to kids of all ages, as well as their parents and teachers. If you've never been to the Carnival, trust me when I say there's never a dull moment! Please contact Amanda Weissman at outreach@philaswe.org if you're interested in volunteering.

Looking a little farther into the future, I'm also excited about the SWE conferences coming to the City of Brotherly Love. Drexel University has been selected to host the FY15 Region E Conference, and SWE Philadelphia members are encouraged to get involved in the Region Conference Planning Committee to provide the local perspective and support. Our section has done a splendid job co-leading the organization of region conferences at both Drexel and Penn in recent years, and I look forward to partnering with the Drexel ladies again. Then, in October 2016, SWE members from around the nation and the globe will gather for the Society conference in none other than ... drumroll please ... Philadelphia! It will be here before we know it.

Finally, I want to encourage all of you to **vote by June 1** for our FY15 section officers. You should have received the ballot via email from Alexis Wasserman, our Nominating Committee Chair. Even when the positions are not contested, your vote is still really important. It will help ensure that we achieve a quorum for the election, and shows your support for the ladies who are volunteering their time to lead the section. We've got an excellent slate of candidates again this year, and I'm sure they will take SWE Philadelphia to even greater heights. Please vote!

Best Wishes,
Danielle Dunn
FY14 Section President

SOCIETY NEWS

Region E Conference “Engineer the Future”

The Region E Conference was very successful with over 275 registrations. Several members of Philadelphia SWE attended the Region E Conference in March. Dr. Amy Elliott presented her research on 3D printing with a fun spin and Dr. Linsey Marr gave a fresh look at what it really means to balance work and family during the lunch and dinner keynote speeches. We are proud to announce that the Philadelphia Section won the Region E Communications Award and Cassandra Zook won the Outstanding Mentor Award! New region officers were elected and we would like to congratulate Alexis Wasserman on being elected as the Region E Treasurer! The new officers are Lieutenant Governor Libby Taylor of DelMar, Secretary Mary Steblein of Rochester, Treasurer Alexis Wasserman of Philadelphia, Representative to Society Nominating Committee Andrea Stenberg of Baltimore-Washington, and Region Nominating Committee Chair Gail Dyer of Twin Tiers.

2015 Elections

Candidate biographies and ballots were sent via email to all members. Members of the section are requested to vote and return your ballot by June 1, 2014. The candidates are President: Tessa Anodide; Senior Vice President: Mary Beth Biddle; Vice President: Elisha Rios and Jennifer Pesch; Secretary: Maria Legato; Treasurer: Hilary Grosskopf; and Section Representative: Amanda Weissman, Tori Morgan, and Cassandra Zook.

SECTION NEWS

Welcome to the FY14 Philadelphia SWE Officers!

Get to know some of our FY14 section officers! Check out the answers to these interview questions below to learn more about them!

Tessa Anodide, Secretary



1. What do you do at work?

I am a Program Manager at Lockheed Martin MST in Moorestown, NJ. I am currently leading Sea Based Terminal (SBT) Increment 2, a Ballistic Missile Defense Program focused on BM engagements in the terminal phase of flight. This experience has truly allowed me to focus on Systems Engineering from Concept Development through System Design and will take me all the way through certification. In addition to my PM responsibilities, I am the lead for all Diversity & Inclusion activities at the Moorestown site including interfacing with the Employee Resource Groups and Employee Networks.

2. What is the most interesting project you have worked on?

The most interesting project I've worked on was in 2011. It was a quick turn proof of concept demonstration of Diurnal Star Tracker at a flight test in Kauai, HI. The normal timeframe to

get ready for a flight test involves preparations lasting 6-9 months; our team had just 3 months to generate the pre-mission readiness efforts. Of course, two weeks of work in Kauai, HI was a perk to this intense effort :) That was the first time that I had to leave my son (1 at the time) for an extended duration. We became experts at FaceTime over that two week period!

3. What is the best SWE event you've been to?

The best SWE event I've been to was the Societal Conference in Kansas City, MO in 2006. I joined SWE earlier that year and was excited to have company sponsorship to attend the event. I was completely amazed by the camaraderie, energy and excitement that surrounded the conference and knew that SWE was an organization that would play a key role in my future!

4. What are your hobbies?

As much as I'm an extrovert, a lot of my hobbies are solitary activities which I found puzzling until recently. I realized that I love to create and that is a key theme in my work life and my home life. I knit and crochet and have about 15 projects started (no joke!). A few years ago I started to learn to sew/quilt and really enjoy it - it's a nice application of my mathematical skills. I also love to read and cook - I try to balance my reading with leadership books and fiction. I loved the Hunger Games series! In addition, I started my college career out as music major so when I find the time, I love to sit and play the piano.

5. What is one goal you are currently trying to achieve?

A few years ago, I wrote a children's book and I'm trying to get it published. (That's been on my bucket list ever since High School). There is a TON of information about finding an agent, going with a publisher or self publishing. I am currently filtering through the information so I can make the best decision and am working with an illustrator. It's exciting, but overwhelming at times, too.

6. Who do you admire most?

Without a shadow of a doubt, that has to be my Grandmother. I was born on her birthday and we always shared a close bond. She had a love of music and reading which she instilled in me and was a very motivational woman. Before she passed away, she gave me a book of poems, and throughout the book, she wrote special notes to me about life. The book is sitting on my nightstand and I read it often. She always told me that I could be anything I wanted. She balanced that by saying it wouldn't be easy and that I would have to work hard, but that anything I put my mind to was achievable.

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.

UPCOMING EVENTS

Awards Brunch - April 27th

Philly SWE will be hosting an Awards Brunch on April 27th at Rosa Blanca to celebrate our accomplishments for the year and award scholarships to our collegiate winners.

Philadelphia Science Festival Carnival – May 3rd

SWE Philadelphia will have a booth setup on the Ben Franklin Parkway on Saturday May 3, 2014. We will be running a short hands on demonstration with kids of all ages to introduce them to STEM. Last year we had hundreds of kids stop by the booth! We will need volunteers throughout the day. Please email Amanda Weissman at outreach@philaswe.org if you will be available that day or have any questions. We will have a schedule of shifts closer to the event. For more information on the event, please visit <http://www.philasciencefestival.org/carnival>.

US Mint Tour-May 31st

Please join us for a tour of the largest coin factory in the world. Children are welcome! Afterwards for those who have time we can go for a late lunch/early dinner.

Where: US Mint, 151 North Independence Mall East, Philadelphia, PA 19106

(https://www.usmint.gov/mint_tours/?action=philadelphia)

When: SATURDAY, 31MAY2014, 2:00-4:00 pm

Save the date! A request for RSVPs will be sent out closer to the event, please do not RSVP at this time.

Mother/Daughter Tea - June 22nd

Tilly Mint's Tea Room in Souderton. More details to follow!

PREVIOUS EVENTS

Delaware Valley Science Fair - April 2

Philadelphia SWE sent judges to the Delaware Valley Science Fair to judge winners from recent local fairs. SWE gave out 30 awards to some very bright young women. Projects ranged from creating more efficient biofuels to developing a viable tooth enamel replacement. There were 1032 projects at the fair and over 1000 award were given worth approximately 3 million dollars!

Member Knowledge Sharing - April 8th

Philadelphia SWE hosted a member sharing knowledge night at the Great American Pub in Conshohocken. Amanda Weissman of Lockheed Martin presented about the new tool Raspberry Pi,

a tiny, versatile and very inexpensive computer. Jill Foster of Quaker Chemical presented her findings from a study on Phosphate Lubricant Technology. The group of attendees, though small, included 2 new members and allowed everyone a chance to ask questions about the presentations and share general career advice as well.

MEMBERSHIP ANNOUNCEMENTS

Isabelle French, a long time active member of the Philadelphia Section and Lehigh Valley Section upon its chartering recently passed away. Her obituary posted in the Everett Herald is below and she will be greatly missed.

Everett Herald Sunday, April 6th

Isabelle Frances French

February 16, 1924-March 1, 2014

Isabelle French, 90, of Everett, WA passed away peacefully, March 1, 2014, surrounded by family. She was born February 16, 1924 to Grace Benton Seward and Abram French in Swampscott, MA. She graduated from Swampscott High School in 1941, and from Tri-State College in Angola, Indiana with a B.S. in Radio Engineering in 1944. As a pioneer for women in the field of engineering, her distinguished career included working for Sylvania Electric Products (1944-1952), Capehart-Farnsworth (1952-1954), Bell Telephone Laboratories from 1954-1987. Isabelle's greatest passion was encouraging young women in the field of engineering. She was a charter member of Society of Women Engineers (SWE), joining in 1951, and holding a number of national offices. She gave the commencement address to the graduating engineers at the University of Utah in June of 1965. She was awarded an honorary doctorate in engineering from Tri-State University in 1966. Isabelle was a gentle and caring soul, giving generously of her time and talents. A generous philanthropist, she was an active member of the women-only service club, Altrusa Club of Allentown, PA from 1963-1990. Civic-minded, she was appointed to the East Allen Township (PA) Planning Commission in 1962, and was chosen as chairperson in the 1970's. She served as a Township Supervisor from 1982-1989. She was creative and adventuresome. In her retirement, Isabelle started her own business, "Shape & Fix," building custom cabinets, bases, countertops and restoring furniture, with a focus on residential and business remodeling (1987-1992). In 1992 she ventured to the Pacific Northwest, moving to Clinton, Whidbey Island, WA, in March of 1995, where she resided for over 13 years with her Shetland Sheepdogs, Marco Polo, and later, Sparky. She became involved in the community as a math tutor at South Whidbey Intermediate School, and with the Clinton Friends of the Library. Sunrise Villa Independent Living in Everett, WA was home from 2008 until her passing in 2014. Isabelle was preceded in death by her parents, her brother-in-law, Sieg Kiemle, and many dear friends. Survivors include her sister, Ruth Kiemle, 2 nieces, Anne Kiemle (Kael Sherrard), Elizabeth Thoreson (Jeff), one nephew, Fritz Kiemle (Heidi), and 8 great nieces and nephews, Kalan Sherrard; Sky (Amy), Anders, Sigrid, Kaia, and Hans Thoreson; Dietrich and Ailsa Kiemle.

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

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Vice President Outreach	Amanda Weissman	outreach@philaswe.org
Vice President Prof Develop	Diane Ess	profdev@philaswe.org
Vice President Communication	Mary Beth Biddle	communications@philaswe.org
Secretary	Tessa Anodide	info@philaswe.org
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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 (communications@philaswe.org) if you are interested for more information.

Engineer's Club of Philadelphia Liaison - Responsible for coordinating with the Engineer's Club to share information with our section.

**SOCIETY OF WOMEN ENGINEERS
PHILADELPHIA SECTION,
REGION E**

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www.philaswe.org
info@philaswe.org

UPCOMING EVENTS

October	
April 27 th	Awards Brunch
May 3 rd	Philly Science Carnival
May 31 st	US Mint Tour
June 22 nd	Mother/Daughter Tea

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**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.