

SOCIETY OF WOMEN ENGINEERS

DETROIT SECTION

ANNUAL REPORT / ISSUE #5

FISCAL YEAR 20 LEADERSHIP TEAM

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Maryssa Mercer

Past President

Rosa Bushkuhl

President-Elect

Amanda Mohan

VP Membership

Nikita Tiwari

VP Outreach

Kristin Zatwarnicki

VP Professional Development

Najwa Abouhassan

Treasurer

Michelle Pascual

Secretary

Danielle Rosenblatt

OUTGOING PRESIDENT'S MESSAGE

Thank you to all our officers and chairs, volunteers, and members who made our FY19 SWE Detroit events such a success. We would not be able to plan and execute all of our events without your support. Thank you for the opportunity to serve as the FY19 President, I enjoyed it very much and look forward to what the FY20 leadership team has in store. Have a great year!

- Rosa Bushkuhl

INCOMING PRESIDENT'S MESSAGE

I am truly honored and incredibly excited to serve as SWE-Detroit President for FY20. I have been involved with SWE since 2013 as a collegiate member at Wayne State University, where I earned both my Bachelor's and Master's degrees in Biomedical Engineering with a specialization in Injury Biomechanics. I joined the SWE-Detroit section in 2016 when I began my career at General Motors, where I currently work as a Front Occupant Safety Performance Engineer integrating driver/passenger restraint systems & leading crash testing validation on the global mid-size truck team.

It has been so inspiring to see our section grow stronger the past several years, and I am excited to drive this momentum into FY20 by continuing to increase member participation in events, advocating for internal & external recognition of women engineers, & leveraging our network with local professional engineering societies. I am excited to be surrounded by a team of enthusiastic new and returning elected officers and committee chairs this year, many of whom have hit the ground running planning our signature events like the Professional Development Conference (PDC) with NSBE and SHPE and the Girls Engineering Exploration (GEE) Day, as well as NEW events that focus on SWE's four strategic focus areas of professional excellence, globalization, advocacy, and diversity and inclusion. I cannot wait to work with each of you and am so grateful for our incredibly driven team. For those FY19 officers and chairs who will not be returning to our leadership team next year, I would like to thank you for the countless hours you've poured into strengthening our section and building your personal leadership skills please know that we all wish you the absolute best of luck on your SWE Sabbatical as you pursue personal goals, MBAs, advanced technical degrees, bold career moves, travel, and more time with your growing families. Your contributions to SWE Detroit have elevated our section and raised the standard for years to come, and we hope you'll stay connected & consider returning to a leadership role on our slate in the future.

I'd like to empower all SWE members to attend an upcoming event, such as our Webinar Wednesdays, PD Book Club, Maker Faire, and FY20 Kickoff, and please consider supporting one of SWE's endowed scholarships for future engineers in the metro Detroit area. If you are interested in getting more involved with SWE-Detroit in FY20, there are plenty of opportunities to join a planning committee for our largest events such as PDC, GEE, or Special Events – please reach out to any of our officers to get connected! Last but certainly not least, thank you to all our members, sponsors, and far-reaching community of supporters for your outstanding dedication to SWE-Detroit's mission, for upholding our legacy as an exceptional professional section, and for continuing to increase our impact in building the pipeline of future engineers and leaders - I look forward to another phenomenal year with each of you in FY20!

- Maryssa Mercer



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OUTREACH

SWE Detroit had another successful year for its Outreach program in FY19. We sponsored a table at Maker Faire Detroit, and this year's activity was making model rockets. This activity drew a high number of participants and SWE Detroit was recognized by the Maker Faire organizers with the Maker Faire Merit Award for this activity. Other events we participated in include: Maker Girl Mania at Clarkston High School, the SWENext Detroit kickoff event hosted at American Axle Manufacturing, and the Engineering Society of Detroit's Future City Competition. At the Future City Competition, our Best Communication System Award went to Trinity Lutheran School.

Our largest Outreach event each year, the Girls Engineering Exploration (GEE), celebrated its 12th annual event. This year it was at the Michigan Science Center in Detroit and was attended by 142 girls in 4th to 6th grade from Detroit Public Schools, its largest attendance to date. The GEE planning team raised \$20,000 from corporate sponsors which was critical to making the event free to all students and parents. The event included hands-on engineering activities for the students. In parallel, we hosted Engineering 101 parent/teacher sessions and panel discussions. In these sessions, the parents and teachers learned about engineering and the resources available to them and their students.



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ENDOWED SCHOLARSHIP PROGRAM

Past President Endowed Scholarship

Awarding \$1250 annually, FY19 was the 4th year

SWE 4 Life Endowed Scholarship

Started in 2016 (FY17-FY22)

Goal: 1st year at our 70th Awards Banquet

\$1,000 scholarship per year, indefinitely

Josie E. Rewald Memorial Scholarship

The Josie Rewald Memorial Scholarship was awarded for the first time in FY19. It will continue to award a \$1,000 scholarship per year, indefinitely.

Rewald/Perazza Torch Award

The Rewald/Perazza Torch Award will be a recognition program for middle school and high school teachers and counselors who have gone above and beyond to encourage young women to pursue STEM careers.

Goal: \$1,000 award per year, indefinitely



Rewald/Perazza Torch Award Donors

Flare

Julie Thayer

Chao Daniels

Spark

Anita Satkiewicz

Rosa Bushkuhl

Y.U. Chin Allen

SWE 4 Life Donors

Diamond

Laurie Ramsay

Dawn Tilbury

Sapphire

Birgit Sorgenfrei

Emerald

Terri Shipp

Quartz

Jessica Swan

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PROFESSIONAL DEVELOPMENT

Our COMPES PDC (Coalition of Minority Professional Engineering Societies-Professional Development Conference) has been one of SWE Detroit's signature events for many years. SWE Detroit partners with SHPE (Society of Hispanic Professional Engineers), and NSBE (National Society of Black Engineers) to host this event at a local engineering company. This year our host sponsor for the day-long event was ZF in Northville, MI, and the theme was "Empowering e-Motion." From 7:45AM to 4:00PM, participants enjoyed breakfast, a keynote speaker, a motivational speaker, lunch and three breakout sessions. We had 119 attendees of which 30 were SWE members.

Other professional development events throughout the year included: Royal Oak Book Club (held monthly), Headshots & Personal Branding Workshop with IEEE Women in Engineering (WIE), and Webinar Wednesdays at DTE. Select SWE Detroit members also attended the ESD Gold Awards Banquet to represent our FY18 SWE Detroit Membership Awards.



MEMBERSHIP

Many membership events were held throughout the year, including: FY19 Kick Off Event at Farmington Brewing Company, COMPES Holiday Party, Cider Mill Visit, Engineers at the Barre, and a Networking Breakfast at WE18.

This year SWE Detroit celebrated its 67th year anniversary during our Annual Awards Banquet. The event was held at Andiamo in Livonia. We honored 5 Scholarship Recipients, 4 SWE Detroit Member Awardees and recognized all of our SWE-D Officers, Chairs and volunteers for GEE and PDC. Our Keynote Speaker was Cheryl Thompson, the founder and CEO The Center for Automotive Diversity, Inclusion & Advancement (CADIA) and the Global Director of Prototype Operations at American Axle and Manufacturing. The evening also included networking, hors d'oeuvres, special recognitions for two members, a President Address, and FY20 President Handover.

Connect with Us!



SWE Detroit



Society of Women
Engineers – Detroit
Section

swedetroit.org



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FY19 SWE DETROIT AWARD WINNERS

Volunteer Award



Kristin Zatwarnicki

Key Contributor Award



Jenna Jacobs

Society Contributions Award



Kristine Barnes

Outreach Savvy Award



Monica Walker

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FY19 SWE DETROIT SCHOLARSHIP RECIPIENTS

**Sarah
Cole**



**Elizabeth
Lu**

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FY19 SWE DETROIT SCHOLARSHIP RECIPIENTS



**Salena
Prakah-
Asante**

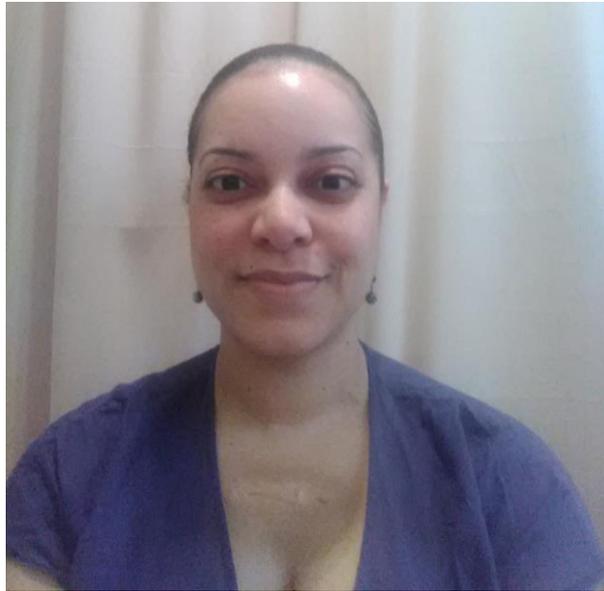


**Gabrielle
Malson**

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FY19 JOSIE REWALD MEMORIAL SCHOLARSHIP RECIPIENT

**Shanon
Seymore**



FY19 SWE DETROIT SECTION AWARDS

**Best Practice –
Partnerships with Collegiates,
Professionals, Industry & Academia**

