

The Society of Women Engineers inspires women to achieve full potential in careers as engineers and leaders; expands the image of the engineering profession as a positive force in the quality of life; and demonstrates the value of diversity.



SWEet Engineer - Member Highlight: Danielle (Dani) Walters

Current SWE Positions: Treasurer (Past Secretary)

Other Professional Society Affiliations: IEEE MTT/AP Chapter Secretary (Microwave Theory & Techniques/Antennas and Propagation) **Education:** BS EE from RIT, working toward MS EE from RIT

Employer: Harris Corporation **Title:** Electrical Engineer **Time in Position:** 3.5 years

Job Description: I design RF printed circuit boards which are used in military radios and vehicular amplifiers. I work on power amplifiers and their associated harmonic filters.

Why my job is SWEet: I get to see a product go through the entire design process: from brainstorming ideas for a design, to seeing the final product being built and manufactured. I love knowing that my radio products

are the basis of communication among military personnel. It is very rewarding to hear stories about how these radios have played a part in saving lives. I also get the opportunity to take part in recruiting and outreach events.

Words of Wisdom for someone starting in my field: Know your worth and take every opportunity to learn and grow. Don't be afraid to ask questions. Go after what you want.

How has your work experience prepared you for your position in SWE (or other professional society): I was in SWE as a college student and that gave me many opportunities to develop leadership skills. I was treasurer, vice president/acting president, and participated in many outreach events. I have learned how important it is to be a role model for young women to show them the possibilities of engineering. At Harris I have led a few outreach events and am involved with recruiting. Branching out has allowed me to meet many people I otherwise would not have both within Harris and professionally in Rochester. Making these connections and taking on these roles has in turn helped me progress as a leader in SWE. Every position I take is an opportunity to learn and grow.

Something other SWE members may not know about me: I love the Buffalo Bills and attend at least 1 game a year. I enjoy learning about the process of making wine and beer and have taken many classes on the subject.

A SWEet Opportunity

Last fall Allison Robinson, a Pittsford Sutherland High School Student, participated in an Explorer's Post program organized by SWE and the Boy Scouts of America. This program focused on educating and inspiring high school women about the various fields of engineering through a series of tours and sessions with engineers at local companies. After attending the session at Bergmann Associates, Allison's interest was sparked by SWE member Mackenzie Zimmerman's overview of Transportation Engineering. Allison then reached out to Pittsford Schools to help her set up a summer internship with Mackenzie at Bergmann. Over the month of August, Mackenzie was able to show Allison various aspects of transportation engineering both inside and outside of the office. Allison learned about accident analyses, traffic data collection, and drainage calculations to name a few. "I thought it was a very valuable experience and it was nice to see all of the different aspects of the job. I had a lot of fun and learned more about how things work in the field. Civil Engineering is a career that I can see myself doing in the future." Mackenzie also found the experience to be extremely beneficial and was so pleased that Allison sought out this opportunity.



October 29, 6-8P.M. Meet & Mingle at 2FOODIES WINE & SPIRITS More info and registration online – max 15, first come, first serve.

Sept. 19-20 Region E (Mid Atlantic Area) Leadership Summit: SWE Officers Jodi Carville (President), Dani Walters (Treasurer) and Mary Steblein (Section Representative) attended the summit to meet with section officers in Region E to discuss best practices, gain knowledge on section and region activities.

October 22-24 SWE Annual Conference "Reach out to Reach up": The RIT student section is organizing 15 current students to attend the Annual Conference in Nashville, TN. This is the World's Largest Conference for Women Engineers. The students will attend professional development sessions, interview at the career fair for internships and full time positions and will be touring the Nissan Manufacturing Plant. They are organizing an RIT Alumni Breakfast, and attending the Celebrate SWE! Banquet where **SWE-Rochester Vice President and RIT Faculty Advisor Marca Lam will be honored with the National Faculty of the Year Award.**

We want YOU! Leadership Positions

Check out the website (swerochester.org) for the SWE Positions available. The roles and responsibilities descriptions can also be viewed.

Swerochester.org has all the latest information regarding meetings & events. If you are not getting our online newsletters, let the webmaster know.

Board meetings will be held the 2nd Thursday of every month – check website for details on location/times.