

SOCIETY OF WOMEN ENGINEERS

• ASPIRE • ADVANCE • ACHIEVE •

RUTGERS SECTION
SPRING 2018 NEWSLETTER



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Supporting Women in Engineering at Rutgers Since 1975

The Society of Women Engineers at Rutgers University is a collegiate section of the National Society of Women Engineers. Our mission is to create a network and support-system for women in engineering to help them achieve their full potential in careers as engineers and leaders. Our organization offers mentoring, corporate, and networking events, as well as community service, outreach to pre-collegiate students, and many more opportunities to women in engineering and to Rutgers as a whole. Our chapter meets every Tuesday at 7 pm in room 174 in the Busch Campus Center at Rutgers University, New Brunswick.

Awards:

SWE is sincerely honored to have received the following four awards.

SWE National Award:

- Region E Governor's Choice Award

2018 Engineering Governing Council Awards Banquet:

- Best Outreach Event
- Social Butterfly
- Perfect Attendance

For more than six decades, SWE has given women engineers a unique place and voice within the engineering industry. Our organization is centered around a passion for our members' success and continues to evolve with the challenges and opportunities reflected in today's exciting engineering and technology specialties.

MEET THE TEAM

EXECUTIVE BOARD MEMBERS:



Advisor: Candiece White

President: Stephanie Tu

External Vice President: Tiffany Yang

Internal Vice President: Aaron Mah

Treasurer: Madeleine Modugno

Secretary: Sanjana Bhat

CHAIR POSITION HOLDERS:



Industry Mentorship Chair: Sara Koshy

Public Relations Chair: Mehak Vij

Alumni Relations Chair: Nga Man (Mandy) Cheng **Digital Media Chair:** Rebekah Pedo

High School Outreach Chair: Jillian Maling

Historian: Samantha Moy

Fundraising Chair: Melissa Tu

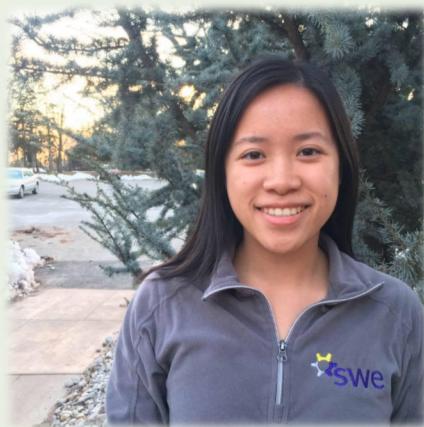
EGC Representative: Stefanie Traeger

Community Service Chair: Kinjal Patel

Male Representative: Jacob Battipaglia

OUR SENIORS

CONGRATULATIONS CLASS OF 2018!
Thank you for your contributions to SWE!



Emily Ng majored in mechanical engineering with a minor in economics. During her time with SWE, Emily served as treasurer, internal vice president, president, and SWE mom. She has been a mentor and role model to many. Emily will now be working full-time at Lockheed Martin.



Akanksha Pathak majored in electrical and computer engineering with a minor in mathematics and computer science. During her time with SWE, Akanksha has served as community service chair, secretary, and has been an active mentor to many. Akanksha will be working full-time for Verizon as part of their IT Leadership Development Program.



Antoine Stephan majored in mechanical engineering with a minor in Business Administration. He was one of our loyal male members who has helped encourage other males to come to SWE. Antoine participated in the SWE intramural softball and volleyball teams this year. He is excited to work for Naval Air Systems Command after graduating.



Brian Lee majored in supply chain at Rutgers Newark. He was another loyal male member of SWE. Brian played for the SWE intramural volleyball and softball team this year. He also maintained an active presence at SWE events.

ASPIRE

Key(chain)s to Success By: Aaron Mah

For the first meeting of the semester, SWE members came back for a fun night of crafting keychains and sharing their winter break adventures. Members, new and returning, created their own designs to express themselves and additionally discussed advice for new classes.



Galentine's Day By: Stephanie Tu



On Saturday, February 10th, SWE members celebrated Galentine's Day together at IHOP over brunch foods. It was great to celebrate the accomplishments of SWE and our members, while getting to catch up with old friends. SWE members also got to meet new members who were just starting out with SWE. We look forward to continuing this tradition and celebrating friendship during a stressful semester.

SWE Care for Women Aware By: Tiffany Yang

On Tuesday, February 13th, SWE celebrated Valentine's day by writing supportive letters and making purple ribbon pins for Women Aware, a help shelter for women and children who have faced domestic abuse which is also a domestic violence service agency in our local New Brunswick community. Overall, we delivered over 70 cards and ribbons, as well as some monetary donations collected during the event. We thought it was important to give someone love and hope for the future, especially during this sweet time of the year.



ASPIRE

Breaking Stereotypes: Women in SoE By: Sanjana Bhat



As the population of aspiring women engineers grows, it is important to take note of all the accomplished women engineers that reside here at Rutgers already. On Tuesday, February 20th, SWE hosted professors and PhD students for a panel. Our members were able to ask questions on various topics ranging from academia to balancing personal life. The women on the panel were able to contribute a lot of advice and inspired members to pursue potential careers in academia.

SWE Night By: Francesca Romano

On Thursday, April 5th, Rutgers SWE held our annual SWE Night, an outreach event where women admitted to the school of engineering are invited to spend the night with current Rutgers School of Engineering students. This year our theme was “Monster University,” in tribute to choosing a college. Activities such as building mouse-trap-powered cars and coffee filter parachutes exposed the girls to the engineering mindset. Additionally, Rutgers alumnus, Danica Sapit, gave an inspiring presentation about her journey through Rutgers and her professional career. Current SWE members then answered remaining questions in a panel-style Q&A. At the end of the evening, attendees were hosted in various dorms so they could experience “college living” for a night. Our goal is to have the girls feel knowledgeable and confident in their college-related choices by the end of the evening, and to show the girls how fun engineering (and SWE) can be!



ASPIRE

Shadowing Day By: Jillian Maling



On Friday, April 6, SWE members hosted 30 high school girls who were admitted to Rutgers School of Engineering. Shadowing Day was an opportunity for current undergraduate engineering students to share their experiences and for admitted students to get a preview of what a typical day in the life of an engineering student is like. The admitted students shadowed the undergraduate students, exploring the campus and attending classes. Many of the girls had not decided what or where they will study, so it was a day aimed towards providing insight and advice to help them make their decision and prepare them for the college experience.

Open House By: Stefanie Traeger

On Saturday, April 14th, SWE set up a table during Rutgers Open House. On this day, admitted students visited Rutgers to ask any questions they had and to also take a full tour of the campus that they potentially could live on. Alongside other engineering groups at the organization fair, SWE answered general Rutgers questions, as well as questions about the Society of Women Engineers.



ADVANCE

Diversity at Accenture By: Sophia Blanc



As one of our corporate events for the semester, three representatives from Accenture presented about diversity in the workplace. There was an open panel for members to ask questions and learn more about the employee resource groups each representative was a part of. Additional time at the end was also given for students to network and learn more about the company.

Major Mixers with Alumni By: Kinjal Patel

On Tuesday, April 3rd, SWE members had the chance to learn more about the applications and opportunities of different engineering majors within Rutgers School of Engineering. With major declarations just around the corner, this event was mainly for first-year students who were still considering different possibilities within the School of Engineering. Alumni from various majors and backgrounds were invited to offer students advice and insight about their experience as an engineer, and how they have applied their education beyond the classroom. Conducted in a panel-style, SWE members especially had a great time communicating their questions about engineering within the various spheres of industry the alumni spoke on behalf of. The seven present alumni were able to provide excellent insight and advice for members, as they recounted their experiences from their undergraduate education just years ago.



ADVANCE

Toastmasters & iCIMS By: Jacob Battipaglia



On Tuesday, April 17th, SWE hosted members from Rutgers University Toastmasters, as well as some representatives from iCIMS. iCIMS employees spoke about their experiences in industry, as well as some opportunities for students. Afterwards, Toastmasters hosted some brief activities to help SWE members practice and become more comfortable with their public speaking skills.

IMP/Alumni Banquet By: Niharika Mishra

On Friday April 20th, SWE held the annual Industry Mentorship and Alumni Banquet to celebrate the hard work of our mentors and SWE alumni. This banquet was a chance to thank our mentorship program participants and active alumni for being extremely valuable resources to our community. The banquet was an opportunity for our undergraduate members to interact with our mentors and enjoy dinner.



ADVANCE

SWE Spring Banquet By: Mehak Vij

On Friday, April 27th, SWE marked the end of the 2017- 2018 academic year at the SWE End of the Year Banquet. SWE celebrated numerous accomplishments as a section this year and commemorated the graduating seniors. Awards, superlatives, and scholarships were given out. Additionally, the current seniors made speeches and gave their parting advice. Congratulations to the graduating seniors and new board!



ACHIEVE

SWE Know What You Did Last Summer

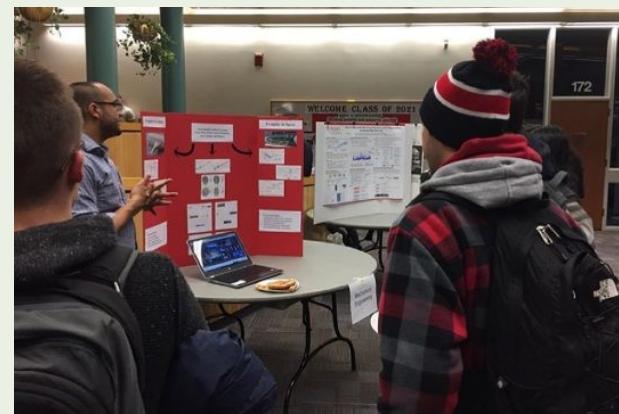
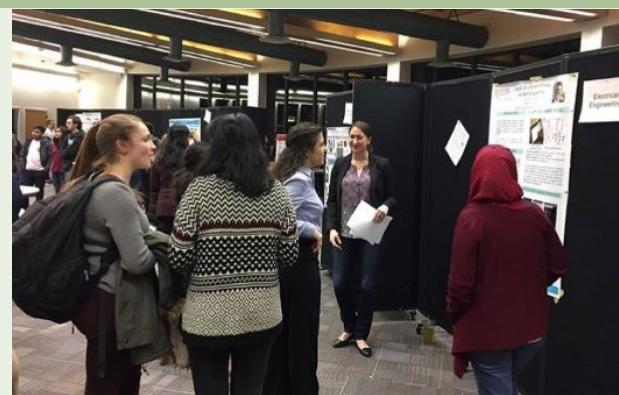
By: Akanksha Pathak



On Tuesday, January 30th, SWE members shared their past summer experiences. Members were exposed to the wide range of enrichment programs that Rutgers offers over the summer, including employment, research, and studying abroad. Other presentations covered internships our members held, as well as the process of obtaining the position and the lessons learned from their experiences. SWE Know What You Did Last Summer aimed to broaden an engineering student's vision of a fulfilling, successful summer.

5th Annual Research Fair By: Mandy Cheng

On Tuesday, March 6th, SWE hosted our 5th Annual Research Fair. Many of our Rutgers professors presented various engineering research topics to our undergraduates. Topics covered a breadth of the engineering majors offered to students at Rutgers. Students were able to interact with professors to discuss research going on at Rutgers and learn more about the different career opportunities within engineering. At this fair, students not only interacted with engineering professors, but also learned about how engineering techniques are actually applied and how they affect others and the environment around us. We look forward to continue to hold this fair in the future to help students learn about the many different research topics you can pursue with an engineering degree.



ACHIEVE

Makerspace By: Madeleine Modugno

On Tuesday April 10th, SWE toured the Makerspace on Livingston Campus led by the Makerspace Club. Members got to see all the different resources available, such as 3D printers, laser-cutters, CNC machines, woodshop tools, textile machines, and vinyl cutters. After the tour, members had the opportunity to make laser-cut wooden coasters and charms or cut vinyl stickers of any image they wanted.



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