



SOCIETY OF WOMEN ENGINEERS

• ASPIRE • ADVANCE • ACHIEVE •

RUTGERS SECTION
FALL 2019 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:

The Rutgers chapter of SWE is sincerely honored to have received the following awards:

- ◆ **SWE Mission Award — Gold Collegiate Chapter (2019)**
- ◆ **WE Local Outstanding Professional Development Event Award (2019)**
- ◆ **WE Local Joint Professional/Collegiate Event Award (2019)**

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: Tiffany Yang

External Vice President: Melissa Tu

Internal Vice President: Jillian Maling

Treasurer: Sara Koshy

Secretary: Victoria McKeown

CHAIR POSITION HOLDERS:



Industry Mentorship Chair: Kinjal Patel

Digital Media Chair: Jacob Battipaglia

Alumni Relations Chair: Kylie Lew

Historian: Samantha Moy

High School Outreach Chair: Kayleigh Bonner

EGC Representative: Jessica Carvalho

Fundraising Chair: Trinh Vu

Male Representative: Roy Kim

Community Service Chair: Rebekah Pedo

Freshmen Representatives:
Anushka Pathak & Alisha Zhu

Public Relations Chair: Shivani Vyas

SWELL PROGRAM

SWE Leader-Learner (SWELL) Mentorship Program

By: Jillian Maling

The SWE Leader-Learner (SWELL) Program pairs upperclassmen mentors (leaders) with underclassmen mentees (learners) of similar interests. Throughout the fall semester, learners worked with their leaders to get to know Rutgers Engineering. Leaders shared their knowledge and experiences to guide the next SWE generation. Pairings met up throughout the semester both during SWE meetings and outside of them, including at gym classes and dining hall lunches. This year, 120 members were involved with the program.



SWELL EVENTS

SWELL Kickoff By: Alisha Zhu

On Tuesday, September 17, SWE hosted its SWELL (SWE Leader-Learner program) kickoff! This event was a great way for underclassmen to meet potential mentors with similar interests and learn more about the different opportunities within Rutgers. At the same time, active SWE members were able to share their college experiences, especially with regard to Rutgers Engineering.



SWELL Scavenger Hunt By: Anushka Pathak



On Tuesday, October 1st, SWE held a SWELL scavenger hunt! SWELL pairs and general members used clues to navigate their way through Busch campus. Each pair had a specific set of color-coded clues that dictated the path they would take to get to their designated locations. Current members were stationed at each location to hand out the next clue. This event was a great opportunity for leaders and learners to bond and a fun way for freshmen to become accustomed to Busch campus.

SWELL Dance with SWE By: Jessica Carvalho

On Tuesday, October 15th, SWE prepared for Rutgers University Dance Marathon (RUDM) by having its team captains teach the members an exciting new dance to Juice by Lizzo. Not only was this event a fun way to de-stress, it also brought awareness to the Embrace Kids Foundation and encouraged members to join the SWE RUDM team. SWE is excited to show off its new moves at the RUDM event during the Spring 2020 semester.



ASPIRE

Rutgers Involvement Fair By: Samantha Moy



On Monday, September 2, SWE attended the Rutgers Involvement Fair. This annual event showcases the organizations and societies that Rutgers has to offer. Current SWE members introduced themselves to prospective members and discussed the organization, upcoming events, and various opportunities within the society. Interested students also received an ice pop to cool off from the hot day!

Ice Cream Social By: Trinh Vu

On September 10th, SWE kicked off the new year with the annual Ice Cream Social! It is an event SWE holds every year at the beginning of the fall semester. New and returning members of SWE were able to catch up with each other and meet new people while enjoying a cool treat on a hot summer's day. Additionally, the board members gave a presentation about an overview of what SWE does and how other general members can get more involved throughout the year.



ASPIRE

SWE Night Reunion By: Sara Koshy

On September 6th, SWE was happy to welcome freshmen who committed to joining Rutgers after they had attended SWE's overnight program, SWE Night, during their senior year of high school. Freshmen were able to reconnect with volunteers and organizers from SWE Night and compete together in teams at trivia night. This event allowed them to reconnect with some familiar faces and create meaningful connections before the semester's SWE events had even officially begun.



Community Service with the Deans By: Rebekah Pedo

On October 15, SWE kicked off its Rutgers University Dance Marathon (RUDM) fund-raising efforts by decorating cans for canning events, while also interacting with School of Engineering Deans. This event gave members the opportunity to ask questions and interact with some of the best resources at Rutgers. Members will use the decorated cans to collect donations that will go directly to the Embrace Kids Foundation. SWE would like to thank the deans who came to participate in an event that benefited women engineers on campus and RUDM!



ASPIRE

Girl Scout Lab Tours By: Kayleigh Bonner



On Saturday, November 2, SWE showcased the many research labs on Busch campus to girl scouts. The goal of this event was to generate interest in STEM. The girls were able to do some hands on activities with an environmental engineering lab, learn about the Rutgers wind tunnel, and see how a biomedical engineering lab operates. They also got to hear from engineering students about their experiences and hopefully follow in their footsteps. It was a great day for the girl scouts and SWE participants!

Scarlet Day of Service By: Shivani Vyas

On September 28, SWE participated in Scarlet Day of Service, a day-long event that sends Rutgers students and alumni to community service sites all over New Jersey. It's a way to gain service hours, make new friends, and give back to communities in need! SWE volunteered at Rutgers Gardens, helping with gardening, mulching, and weeding. It's so awesome seeing how our members are making a difference in the local community!



ADVANCE

Industry Mentorship Program Kickoff By: Kinjal Patel



On October 4, the SWE Industry Mentorship Program (IMP) held its program kickoff! This academic year, the IMP program has 22 mentors who provide monthly guidance and career advice to aid their individual mentee in professional development! The kickoff served as an opportunity for mentors to meet their mentees in-person and learn about IMP expectations, as students began their professional development journey.

Chat with SWE Alumni By: Kylie Lew

On October 22, SWE held its first alumni event for the fall semester. SWE had the largest turnout to date, with 10 alumni speakers! This casual networking event allowed our collegiate members to ask questions about what it's like to be a woman in engineering after graduation. The alumni members enjoyed sharing stories about their work and life experiences. Everyone had a great time getting to know each other!



Capture the Drone with SkySafe By: Samantha Moy



On Sunday, December 8, SWE hosted the Capture the Drone Competition, sponsored by SkySafe. This event was a great opportunity to learn about computer security by hacking drones. Members experimented with small drones and winners were awarded their own drones! Thank you to the volunteers and organizers for running this fun weekend event!

ADVANCE

SHE-SWE-MEET Career Fair By: Melissa Tu

On October 11, SWE, in conjunction with the Rutgers' Chapters of SHE and MEET, hosted the 34th Annual SHE-SWE-MEET Career Fair. This event allowed Rutgers Engineering and CS students to network and engage with over 40 different companies. The career fair exposed our students and members to different internship and full-time job opportunities and gave over 1000 students the chance to obtain employment.



ACHIEVE

S(WE) Know What You Did This Summer

By: Jacob Battipaglia



SWE hosted its annual “S(WE) Know What You Did Last Summer” event on November 12, where several SWE members shared their experiences from past summers. Students learned about various experiences available to them for the upcoming summer, from studying abroad to internships all around the country. Students learned all about these opportunities from the application process to the lessons learned from the position itself. Overall, this event aimed to educate and encourage SWE members to pursue a variety of upcoming summer opportunities.

SW(3D) Printing By: Tori McKeown

On November 19, SWE decided to incorporate a new idea into a general body meeting: a 3D Printing workshop. Beginning with a short introduction about 3D printing and additive manufacturing, as well as a live demonstration using the TinkerCAD modeling software, members applied the 3D modeling techniques they learned to create their own models. The best part of the workshop was that members were actually able print their own models on 3D printers and take these home!



ACHIEVE

WE19 Conference By: Tiffany Yang

From November 7th-9th, our SWE chapter sponsored 33 members to attend the National Conference WE19 in Anaheim, California! This has been the largest number of members brought to a conference thanks to the generous support from our sponsors. WE19 is a valuable experience that gives about 14,000 collegiate and professional SWE members the opportunity to develop both professionally and personally. The conference includes workshops, panels, volunteering, and outreach events, as well as a career fair with 350+ companies. Our SWE members were able to interview with companies, learn more about SWE, and even have some fun at Disneyland!



ACHIEVE

Game Night with SWE By: Roy Kim

On December 3rd, our SWE chapter closed the semester out with a relaxing game night! Students came in to catch-up and destress with their peers before the start of the final exam period. SWE members also received care packages gifted to them by their peers!



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