



SOCIETY OF WOMEN ENGINEERS

• ASPIRE • ADVANCE • ACHIEVE •

**RUTGERS SECTION
FALL 2017 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 and stimulate women to achieve their full potential in careers as engineers and leaders. Our organization offers mentoring, corporate and networking events, 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 7pm in Rm 174 in the Busch Campus Center at Rutgers University, New Brunswick.

AWARDS:

SWE Region E Award:

- Outstanding Collegiate Section 1st Place

SWE is sincerely honored to have received the following six awards at the 2017 Engineering Governing Council Awards Banquet:

- Best High School Outreach
- Best Networking Event
- Best Jointly Held Event
- Best Underrepresented Society
- Event of the Semester: SHE-SWE-MEET Career Fair
- Social Butterfly

"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 & Chair Position Holders

Advisor: Candiece White

President: Stephanie Tu

External VP: Sophia Blanc

Internal VP: Francesca Romano

Treasurer: Celine Park

Secretary: Akanksha Pathak

Community Service Chair: Tiffany Yang

Public Relations Chair: Madeleine Modugno

Alumni Relations Chair: Sanjana Bhat

EGC Representative: Stefanie Traeger

Historian: Rebekah Pedo

Fundraising Chair: Aaron Mah

Digital Media Chair: Ankita George

High School Outreach Chair: Jillian Maling

Industry Mentorship Chair: Niharika Mishra

Male Representatives: Brandon Manalo,
Jacob Battipaglia, and Doug Alexander

Freshmen Representatives: Kinjal Patel and
Jackie Gelman





ASPIRE

Build it Better Challenge BY: Jillian Maling



Though the academic year ended, SWE continued to inspire and work with young students by taking part in the Build It Better Challenge held at New Brunswick High School. During the event, SWE members advised students as they designed and built solar powered cars in a competition to create the fastest car. As SWE members worked with the students, they also answered questions and shared their college experiences so far. It was an amazing opportunity to interact with high school students as they gained hands-on engineering experience.

Engineering Kick-Off BY: Stephanie Tu

SWE kicked off the Fall 2017 semester at the Engineering Kick-Off Fair, hosted by the School of Engineering. There were a variety of organizations in attendance who all came out to talk with the new freshmen class. SWE members were able to meet freshmen and talk to them about engineering and SWE at Rutgers. The freshmen were also welcome to enjoy ice pops with us to cool off in the heat. Over 200 people signed up for our listserv and we hoped to see those familiar faces at our events during the semester.



Involvement Fair BY: Stefanie Traeger



SWE began Fall 2017 strong by welcoming the new freshman and other returning classes back to Rutgers. Surrounded by many other organizations, SWE invited Rutgers students to join the organization and its upcoming Ice Cream Social event. On this hot summer day, SWE handed out ice pops to those who were interested in our organization and who wanted to hang out with us. We answered many questions and met many new peers in hopes to see them at our upcoming Tuesday events. It was a perfect way to start off the new school year.

Ice Cream Social BY: Rebekah Pedo

On Tuesday, September 12, Rutgers SWE hosted its annual Ice Cream Social to welcome back students to Rutgers and introduce the organization and its opportunities to incoming freshmen at the first official Tuesday meeting. With ice cream sundaes in hand, freshmen and returning students got the scoop about SWE and the upcoming semester. The board members introduced themselves and presented SWE's mission and upcoming events such as future Tuesday meetings and the National SWE Conference in October. With a huge turn out, the first Tuesday event of the semester was a success!



ASPIRE

Craft with the Deans BY: Brandon Manalo



On Tuesday, October 24th, SWE hosted Craft with the Deans with the help of the Society of Plastic Engineers (SPE). Here, members were able to make their own personal erasers alongside Rutgers Deans and Advisors. This playful event allowed for the perfect opportunity for students to talk to the Rutgers faculty and for the advisors to get to know more about the students outside of an office environment. On top of that, the night ultimately proved to be a great stress reliever for all students with upcoming exams.

Community Service BY: Tiffany Yang

SWE members celebrated Halloween by making over 90 fall-themed care packages for Rose Mountain Care Center, a nursing home and assisted living center for senior citizens. These care packages were filled with Halloween and Thanksgiving crafts, as well as *lots* of sugar-free candy! This event was a fun way for SWE to give back to the greater New Brunswick community and help seniors, who rarely get to celebrate and receive treats during this time of the year.



ASPIRE

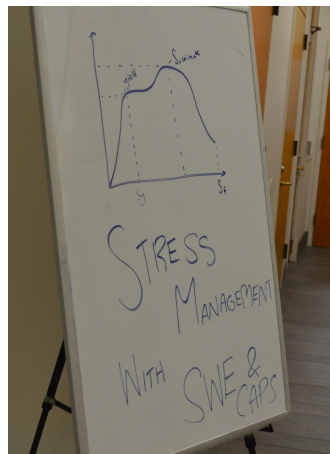
Hurricane Relief Care Packages BY: Tiffany Yang



This semester, SWE partnered with co-ed pre-medical fraternity, Phi Delta Epsilon, and STEM sorority, Alpha Omega Epsilon, to host a hurricane relief service event. All three organizations made donations to purchase food, toiletries, medical supplies, and other living essentials, for men, women, and children. Members also assisted with the assembly of over 130 care packages to send to Texas, Florida, and/or Puerto Rico, which are areas affected by most recent hurricanes.

CAPs with SWE BY: Francesca Romano

As aspiring engineers, our curriculum is rigorous, and in order to keep up as students we put aside our own mental well-beings, as society often ignores the value of mental health. This semester, Rutgers SWE brought awareness to mental health issues by collaborating with Rutgers Counseling, ADAP, and Psychiatric Services (CAPS). We were honored to have Dr. Siobhan Gibbons lead a stress management workshop, where attendees learned how to relax their mind during peak midterm season. The session included a guided meditation, and reminders that as much as we try to be multitaskers, success is brought on by focusing on one thing at a time. SWE hopes to continue to bring awareness to mental health issues, and reminds our members that no matter what they are going through, they are not alone.





ADVANCE

SWE Presents FM Global BY: Madeleine Modugno



On Tuesday, September 26th, the members of SWE had the opportunity to learn about FM Global from several women engineers. Members learned about the roles of consulting and research in the commercial property insurance and risk management business. The professionals provided valuable insight on the projects they work on and their responsibilities. They also gave some useful tips on how to navigate a career fair, including how to dress and how to introduce oneself.

SWE Presents Bechtel Info Session BY: Emily Ng

Bechtel hosted an information session on October 4 to recruit Rutgers Engineering students for upcoming internships and full time opportunities. As one of the leading engineering, construction and project management companies, several representatives shared their experiences with the projects they have worked on. Current students who had previously interned at Bechtel had the opportunity to discuss the projects they were part of over the summer. The night concluded with networking and the chance to sign up for interview slots held over the next two days.



Industry Mentorship Program Kick-Off BY: Niharika Mishra



The SWE Industry Mentorship program kicked off on Friday, October 6th. Through this program, students are given the opportunity to pair up with industry professionals to learn about aspects of engineering that they are not exposed to in the classroom. The kick off began with a presentation, followed by a fun icebreaker where the mentees got a chance to meet their mentors. This kick off was the perfect opportunity for mentees and mentors to discuss their interests, their mentor's line of work and the mentee's post-graduation goals.

SWE NJ and Rutgers Alumni Networking BY: Sanjana Bhat

The first alumni relations event for the month was held on November 7th, 2017. This semester, apart from the alumni, the professional SWE NJ chapter were also in attendance. The event was designed to help SWE members learn more about professional development, through a fun ice-breaker game. The SWE NJ members and alumni discussed about topics ranging from industry networking to graduate school.



Negotiations with Career Services BY: Celine Park



Negotiation skills are important skills for engineers, but we do not learn about them in academic programs. On Tuesday, November 28th, SWE held the last Tuesday event of the semester with a guest speaker from Career Services. Ms. Paola Dominguez, an International Career Development Specialist, presented how to negotiate in a professional level. She also discussed how to negotiate salaries in various situations. During the session, SWE members shared their experiences of when they negotiated for internship positions or full time job offers. This event was very helpful for everyone who does not have much experience in negotiation.

SWELL Kick-Off BY: Rebekah Pedo

On September 19, SWE officially began its SWE Leader Learner program (SWELL) with a kickoff. SWELL is a program that SWE offers in the fall semester that pairs up an underclassmen (learner) with an upperclassman (leader) of the same major. The pair has the opportunity to develop a great friendship while mentoring and learning from each other. The kickoff was a great event to learn more about the program and for freshmen to begin meeting upperclassmen to request as their mentor. Throughout the semester, pairs displayed their bonding with a SWELL photo competition and were recognized at the SWELL Banquet.





ACHIEVE

SHE-SWE-MEET Career Fair BY: Sophia Blanc



On Thursday, October 12th, Rutgers SWE coordinated with the Society of Hispanic Engineers (SHE) and the Minority Engineering Educational Task (MEET) to host our 32nd Engineering and Computer Science Career Fair. The leading members from each organization planned the event beginning in May through to October to run the best career fair for our attendees, which included over 40 companies and graduate schools and over 1,000 students. Each year, this fair is put on with the goal of helping our members and the members of the greater engineering school find internships, co-ops and full-time jobs. Further, through the career fair, the leading organizations are able to strengthen their relationships with corporate sponsors, and ensure that they are mutually beneficial. We work to create a career fair environment is comfortable for company recruiters and students alike so that all involved parties can gain the most out of the event. Due the success that this career fair has had, it is a tradition which SHE, SWE, and MEET are all proud to continue in the future.

ACHIEVE

CodeCon BY: Aaron Mah



On Tuesday, October 17th, SWE hosted Bloomberg's national coding competition: CodeCon. Individuals who had signed up for the competition gathered at the College Avenue Student Center's Multipurpose room to compete to complete as many coding challenges as possible within one and a half hours. The top three competitors booked a trip to New York for Bloomberg's Global CodeCon Finals. SWE was honored to host this national event.

SWE Nationals BY: Akanksha Pathak

In October, the Rutgers SWE Chapter traveled to Austin, Texas for the 2017 SWE National Conference, the world's largest conference and career fair for women in engineering and technology with approximately 12,000 attendees. The conference gave all the attendees inspiring and invaluable ways to connect, discover career opportunities and pursue professional development. Many individuals from our Rutgers Chapter were able to interview with some of the top engineering and technology companies such as Dell, Northrop Grumman, Lockheed Martin, Apple, etc. In all sincerity, this conference is a formidable force in bringing together women of all background to forge a network to develop new friendships, mentorships, and most importantly life-skills that cannot be learned within the confinements of a college lecture hall.



ACHIEVE

SWELL Banquet BY: Rebekah Pedo

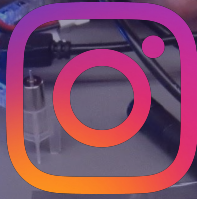


On Friday, December 8, Rutgers SWE finished off the semester by celebrating SWE's accomplishments this semester and the completion of the SWELL Program. SWE awarded mentors and their mentees for their participation in the SWELL Program with traditional SWEasel t-shirts. We also welcomed back alumni Bridget Yako, a previous Rutgers SWE internal vice-president, to share her encouraging story about engineering at Rutgers. The night was a great event to wrap up the semester.

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