

# SOCIETY OF WOMEN ENGINEERS

• ASPIRE • ADVANCE • ACHIEVE •

RUTGERS SECTION  
FALL 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 Student Center at Rutgers University, New Brunswick.

## Awards:

SWE is sincerely honored to have received the following awards from the SWE WE18 National Conference and the upcoming SWE WE Local 2019 conference:

- ◆ **SWE Gold Mission Award 2018** (Highest Award for Collegiate Chapters)
- ◆ **SWE WE Local 2019 Outstanding Professional Development Event Award — Collegiate**
- ◆ **SWE WE Local 2019 Joint Professional/Collegiate Award**

*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

**Alumni Relations Chair:** Nga Man (Mandy) Cheng

**High School Outreach Chair:** Jillian Maling

**Fundraising Chair:** Melissa Tu

**Community Service Chair:** Kinjal Patel

**Public Relations Chair:** Mehak Vij

**Digital Media Chair:** Rebekah Pedo

**Historian:** Samantha Moy

**EGC Representative:** Stefanie Traeger

**Male Representative:** Jacob Battipaglia

**Freshmen Representatives:**  
Jessica Carvalho & Trinh Vu

# SWELL PROGRAM

## SWE Leader-Learner (SWELL) Mentorship Program

SWELL (SWE Leader Learner) is a program in the fall semester that pairs an underclassman (learner) with an upperclassman (leader) of the same major. Since leaders have experience with the challenges of college and their course of study, they provide advice and mentorship to their learners. At SWELL events, pairs have the opportunity to discuss topics ranging from course registration to interviewing tips while enjoying each other's company. Outside of SWE, the program also provides each member with another friendly face at Rutgers who can potentially be a study partner or lunch buddy!



# SWELL EVENTS

## SWELL Kickoff By: Aaron Mah

On Tuesday, September 18th, SWE members came together to get involved in the SWE Leader Learner Program. Students had the chance to choose their SWE mentees and SWE mentors. After a fun ice breaker, members had the opportunity to talk to each other and learn more about SWE and Rutgers engineering, in general. Over 80 students signed up for the program and each leader was paired up with a learner interested in their major.



## Art Therapy By: Stefanie Traeger



On Tuesday, October 9th, SWELL pairs painted canvases to destress since midterm season was approaching. Pairs also discussed study tips for the upcoming exams. Additionally, SWELL pairs were able to get to know each other a bit more by being able to see each other's creativity. This event also reminded everyone that we are there for one another during stressful times.



# SWELL EVENTS

## Origami with Deans & Advisors By: Sanjana Bhat

The SWE Rutgers chapters always has an event every year which allows our members to discuss and get to know the Deans of SOE. This year it was held on October 24th, where attendants enjoyed origami as well. The casual setting helped our members ask questions regarding courses and different programs.



## Mental Health with SWE By: Jacob Battipaglia



On December 4th, SWE members came together to talk about the importance of mental health with their SWELL partners. Materials were provided for members to make their own face masks and body scrubs, as self-care is an easy way to destress and improve one's mental health. Members were encouraged to have open discussions about their personal mental health, as well as share ways they maintain their mental health before the upcoming exam season.



# ASPIRE

## Rutgers Involvement Fair By: Rebekah Pedo

On Monday, September 3rd, SWE attended the Rutgers Involvement Fair held on the College Avenue Campus. At the fair, members introduced themselves to prospective attendees and discussed with them the advantages of joining SWE, the society, upcoming events, and various ways of involvement. Members also encouraged students to attend the Ice Cream Social Event, Rutgers SWE Chapter's first meeting of the semester. Interested students received an ice pop to cool off from the hot day!



## Ice Cream Social By: Samantha Moy

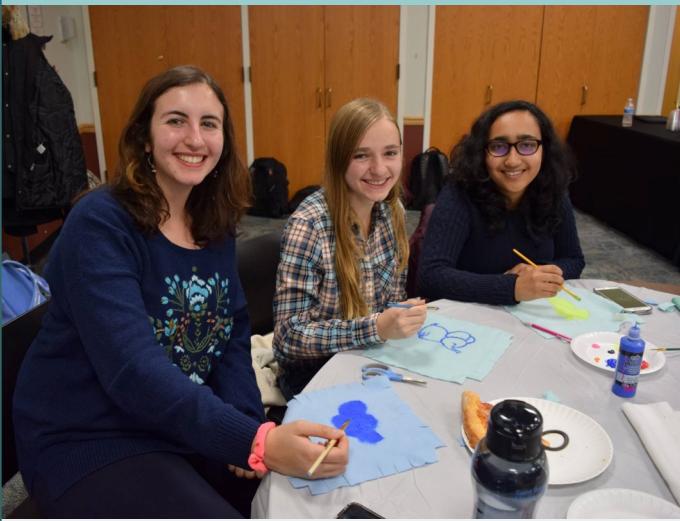


At our first event of the semester, SWE hosted our annual Ice Cream Social. The event had a quick info session about Rutgers SWE and our upcoming events and opportunities. Prospective members were able to meet board members and socialize with current members while enjoying ice cream. We were excited to kickoff another semester!



# ASPIRE

## Quilts for Binky Patrol By: Kinjal Patel



On Tuesday, October 30th, SWE came together to pair with Binky Patrol, an organization aiming to comfort trauma-stricken children and teens, by creating blankets to donate. Each member had the opportunity to decorate a felt square, and ultimately was able to combine their art into a tied quilt to send over. Together, members created 50 squares, and donated 2 blankets towards the goal. As a SWE community, members had the opportunity to spend time together and give back to others in need through this non-profit organization.

## Girl Scout Lab Tours By: Jillian Maling

On Saturday, November 3rd, SWE partnered with the Rutgers Chapter of Phi Sigma Rho, the sorority for women in engineering, to invite about 50 middle-school-aged Girl Scouts to the 4th Annual Girl Scout Lab Tours. Throughout the day, members from both organizations brought the Girl Scouts on tours of five different engineering research labs on campus. Each lab also included a hands-on activity, making the tour an interactive experience. The Girl Scouts were exposed to the various fields and opportunities engineering provides through both the tours and interactions with current female engineering students who shared their journeys so far. The Girl Scouts walked away with a better understanding of what engineering is and what it offers, and hopefully SWE and PSR members were able to stir up a greater interest in STEM for them.



# ADVANCE

## Resume Critiques with FM Global By: Madeleine Modugno

On Tuesday September 25th, FM Global professionals gave insider tips to improve resumes. Professionals spoke with SWE members about FM Global and presented tips on writing a strong resume. The professionals also critiqued resumes for students in preparation for the upcoming SHE-SWE-MEET career fair and internship/job applications.



## Industry Mentorship Program Kickoff By: Sara Koshy

On October 5th, we kicked off the Industry Mentorship Program. The Industry Mentorship Program (IMP) is a year-long program that connects 33 undergraduate SWE members in engineering with 17 corporate mentors, many of whom are SWE alumnae. Mentor pairings communicate to help accomplish bi-weekly goals. The purpose of the IMP is to help our undergraduate participants prepare for the corporate world using shared guidance and experiences. This year's program is larger than ever, and the IMP Kickoff was an opportunity to introduce the program and mentor-mentee networking.



# ADVANCE

## Alumni / SWE NJ Networking By: Nga Man (Mandy) Cheng



On Saturday, November 3rd, SWE members discussed topics related to networking and career development with SWE Rutgers/NJ alumni and industry professionals. Insights into job negotiations, work-life balance, and career paths and progression are just some of the topics that this event covered. We enjoyed having our SWE Rutgers alumni and many industry professionals come out and are grateful for their advice as always. Their enterprise and knowledge have surely helped us all, as we continue to pursue our individual life passions and objectives both during and after college.

## Intel Beta “AI on PC” Workshop By: Mehak Vij

On Thursday, November 29th, SWE partnered with Intel employees and artificial intelligence experts to host an AI workshop with some of their latest hardware. Attendees created a DevKit that allows users to build deep learning inference applications on a PC utilizing the PC's CPU and GPU along with their Intel® Movidius™ Neural Compute Stick (NCS). Intel employees and enthusiasts walked students through detailed explanations of the practical use cases of AI. They also helped students run demo tutorials to create an image classifier that can identify animals. This event was a great opportunity for students to learn about advanced computer science topics such as artificial intelligence and machine learning.



# ACHIEVE

## SHE-SWE-MEET Career Fair By: Tiffany Yang

On Wednesday, October 3rd, Rutgers SWE coordinated with the Society of Hispanic Engineers (SHE) and the Minority Engineering Educational Task (MEET) to host our 33rd Engineering and Computer Science Career Fair. The leading members from each organization planned the event from May to October with the goal of helping our members and the greater student body within the School of Engineering find internships, co-ops, and full-time jobs. This year, we hosted the largest one yet by increasing both our past recruitment and attendance by 50% to 60 companies and over 1500 students present. We are proud to help organize the largest student-run career fair at Rutgers and give as many opportunities as possible for our students and recruiters to interact with each other.



# ACHIEVE

## WE18 Conference By: Stephanie Tu



From Thursday, October 18th to Saturday, October 20th, 28 Rutgers SWE members attended WE18, SWE's annual conference and the world's largest conference for women engineers, in Minneapolis, Minnesota. At WE18 our members were not only able to build personal connections with the over 14,000 people in attendance, but also developed professionally with over 300 professional development events to choose from. Additionally, many members were able to further their careers by networking and securing interviews for internships and full-time opportunities. Best of all, the Rutgers SWE Chapter was awarded the SWE Mission Award Gold Chapter distinction, the highest award a collegiate chapter can receive. WE18 was definitely a memorable conference and we can't wait for the next one!

## SWE Know What You Did Last Summer By: Melissa Tu

On Tuesday, November 13th, SWE partnered with DELLC to inform the student community about how they could get involved in various summer opportunities. Members who are affiliated with either organization came out to present what they had done over the previous summer. Students who came to the event were exposed to a variety of summer opportunities, ranging from internships to studying abroad. Students were able to learn about the process of obtaining the positions and the knowledge gained from the summer experiences. Overall, SWE Know What You Did Last Summer with DELLC aimed to broaden members' knowledge of prospective summer opportunities.



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