



SOCIETY OF WOMEN ENGINEERS

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RUTGERS SECTION

FALL 2014

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The Society of Women Engineers (SWE) works to empower women in the field of engineering. We strive to meet today's challenges for tomorrow in engineering and technology. Our chapter meets every Tuesday at 7pm in the Busch Student Center Rm 174 at the New Brunswick/Piscataway Campus.

GET INVOLVED

WRITTEN BY:
ANGEL MATHEW

On September 5th, 2014, the Society of Women Engineers tabled at the Rutgers Involvement Fair on College Ave, which is an event in which campus organizations get to showcase their work to interested students. SWE was able to speak to over a hundred students about the organization through handouts and one-on-one conversations. We described each of our events, including the first event of the year, the Ice Cream Social, and the history and importance of being part of SWE. Students who came to our table joined our email list and were given a raffle ticket for Rutgers Engineering Sweatshirts and Engineering Magnets; the prizes were distributed at our first meeting. The turn out was great!



WRITTEN BY:
ERICA WYSOCKI

SWELL KICK-OFF



For our second event of the year, we hosted our the Society of Women Engineering Leading and Learning (mentoring program) kickoff. With a record high of 59 students signing up for the program, it was a great success! Groups were formed mainly by major, and within the group, freshman were paired up with an upperclassman that was to be their mentor for the rest of the semester. Each group took part in fun icebreakers to get to know each other better and test their compatibility. Everyone seemed enthusiastic about the program and the events to come. There was a high retention rate from girls who were involved in the program last year, and we are hopeful that the trend will continue!

OUTREACH LAB TOURS

WRITTEN BY: JANKI PATEL

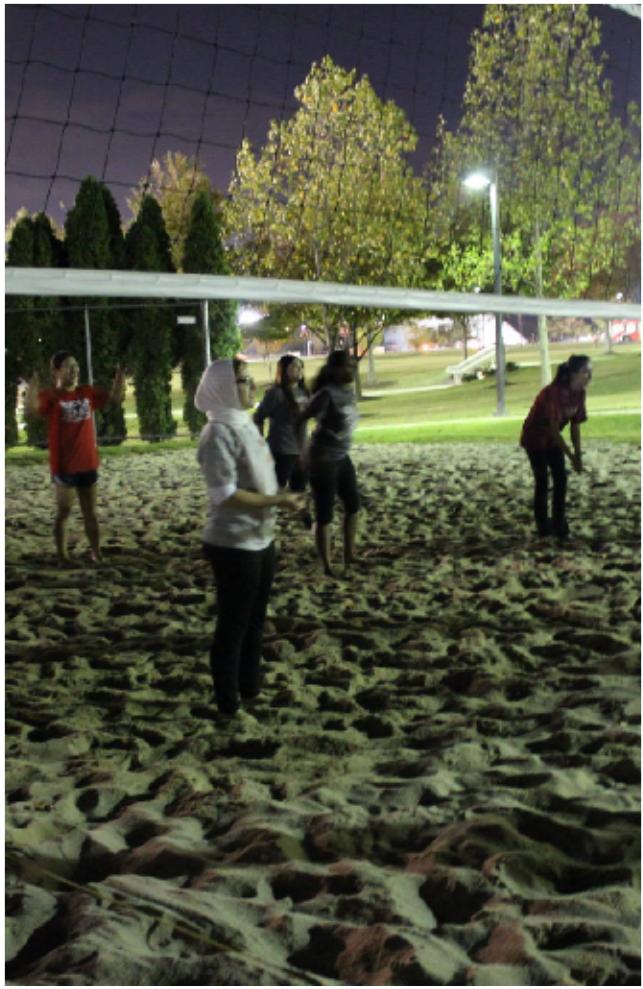
On one fine Saturday morning, the Society of Women Engineers, along with Theta Tau, had over 70 young middle-school girls come over to Rutgers for a tour of the research labs around Busch campus. Groups of 10 were escorted to different labs by over 14 volunteers from both organizations. The lab tour introduced research projects on the Oculus Rift, nano photonics, neurons, the application of coding for medical projects, processing glass, and zebra finch neural activity, lead by Gautam Venkatesan, Manika Jain, Anuja Sarwate, Sarah Libring, Amanda Chin and Ankur Choksi respectively. These young girls found it interesting to learn about such a new, diverse range of research projects from honorable engineering students. The event concluded with lunch and a question and answer panel of engineering students. Overall, the event was successful, and we hope it inspired the girls to expand their horizons and take part in the wonderful research and engineering opportunities that are present all around them.

DEAN'S NIGHT

WRITTEN BY: ABIGAIL PAZ

On September 30th, 2014, the Society of Women Engineers hosted its annual Dean's Night. It is a networking opportunity for students to meet and relax with the School of Engineering Deans. Board games were placed throughout the room, and the Deans and students engaged in a few rounds with each other. Most of the students that attended this event were freshmen that were looking to have some of their questions about the Rutgers Engineering Curriculum answered. As a freshman, adjusting to the college life can be difficult and overwhelming, and this event provides an outlet for those concerns in a relaxed setting. Students benefit immensely from this event by being exposed to the different Deans, who may otherwise be hard to reach for them. The students and Deans always have a great time!





DELOITTE: WOMEN IN CONSULTING

WRITTEN BY: JANKI PATEL

For our second corporate event of the year, the Society of Women Engineers and the fraternity Phi Sigma Rho brought in Deloitte, one of the most renowned professional services firms. Deloitte is the brand under which tens of thousands of dedicated professionals in independent firms throughout the world collaborate to provide audit, consulting, financial advice, risk management and tax services to select clients. They started the night with a presentation on consulting and ended with an interactive panel of employees, open to student questions. The consultants from Deloitte spoke about what it means to be in consulting and how to make it in the field as a minority. It was a great opportunity for us, as young undergraduates, to learn about the industry and meet recruiters that are supportive and interested in working with women engineers.

SWELL: VOLLEYBALL

WRITTEN BY: AVNI PATEL

The SWELL members decided to have some outdoor fun. The leader and learner pairs teamed up and versed each other in a friendly game of volleyball. This event helped the pairs familiarize themselves with other members within the society, bond with their mentor or mentee, and show off their volleyball skills. It was a great way to cool off after a long day of classes and homework!





HOLIDAY ARTS AND CRAFTS WRITTEN BY: JAIMIE SWARTZ

On December 2nd, SWE decorated ornaments for the upcoming holiday season. Members decorated their own stockings and painted tree ornaments to give to friends and family. One member remarked, "I had a lot of fun catching up with friends and can now decorate my dorm room!" This event was a great success with over fifty members in attendance, and we hope to continue the tradition!

OIL AND ENERGY WITH EXXON MOBIL

WRITTEN BY: NISHTHA SHARMA

On October 28th 2014, SWE invited Exxon Mobil to hold an information session. This was the first time in the past few years that Exxon Mobil held an event for engineers at Rutgers, as they usually do not recruit on campus. The turnout was tremendous, as people of all engineering disciplines, majors, and years attended for this rare opportunity. A SWE alumni conducted the informative presentation, and she thoroughly explained the missions, methods, and benefits of Exxon. The event was successful and helpful for informing everyone about the workings of the oil and energy industry, whether they were interested in applying for the company or not. SWE hopes to invite Exxon Mobile back to Rutgers and create various opportunities for SWE members.





WRITTEN BY: KHADEEJAH YANES

The 29th Annual SHE-SWE-MEET Engineering and Computer Science Career Fair took place on October 30th at Rutgers University Busch Student Center. The event attracted more students and employers than ever before (with records since 2007); over 700 students attended and over 50 had interviews from employers throughout the day. 42 employers recruited at the event and the three organizations received \$23,420 in sponsorship to fund their yearly activities and growing membership.

The essential goal of this career fair is to provide students of minority with professional development and employment opportunities. It begins with the members of our organizations who spend five months planning this event every year. There are so many ways that students benefit from putting an event of this magnitude together. Members on the planning committee learn how to communicate effectively with employers, budget appropriately, leverage several modes of advertisement, gain time management skills, and so on.

Leading up to and on the day of the career fair we also host a variety of information sessions and workshops to educate all students on the opportunities available at the career fair and how to obtain them. At the fair students are able to gain valuable professional and networking skills by speaking to recruiters on a one-to-one basis to highlight their accomplishments. Furthermore, they have an opportunity to potentially obtain an interview with a company for an internship, co-op, part-time, or full-time job position.

Without our dedicated members, generous sponsors, trusted advisors, and the Rutgers technical student body, this event would in no way be possible. Thank you all for your continued support!

SWE-SHE-MEET CAREER FAIR

SWELL: SCRAP-BOOKING

WRITTEN BY: DANICA SAPIT



SWE's Leading and Learning Program (SWELL) is an experience that connects upperclassmen mentors and freshmen mentees in the School of Engineering. As part of the program, each of the pairs were encouraged to take part in the annual "photo challenge." Mentors and mentees photographed the activities they did together, and their photos were placed in the annual SWELL scrapbook, which holds memories of all the pairs from previous years. For the last SWELL event of the year before the Banquet, the pairs decorated their scrapbook pages using patterned card stock, ribbons, and more. Mentors and mentees also played a Newlyweds game to test how well they knew each other. . The bonding between pairs this year gives SWE the confidence to continue and expand the program, and we hope that the scrapbook tradition thrives for years to come!



SWELL: WEBREG

WRITTEN BY: ANGEL MATHEW

As class registration approached, SWE brought in the SWELL pairs and taught them the tricks and trades of scheduling for next semester's classes. Tables were grouped by major, and printed copies of the major curricula were provided. Two SWE Board Members, Angel Mathew and Jaimie Swartz, lead the group through the various engineering and registration sites available, and they and other members gave useful tips on course scheduling. After the run through, upperclassmen mentors helped their mentees one-on-one in traversing the registration sites, including Webreg, and in planning out next semester's schedules. The SWELL WebReg event was a success!

SWE'14 NATIONAL CONFERENCE

WRITTEN BY: BIANCA PATEL

On October 23rd, 10 girls from the Rutgers University SWE Chapter flew more than 2,000 miles to attend the National Society of Women Engineers (WE14) conference in Los Angeles, California. The overarching theme of the conference was "Experience a Global Exchange for Change." One unique aspect of the conference this year was that WE14 also hosted ICWES16 (International Conference for Women Engineers and Scientists) in commemoration of the conference theme. Therefore, the girls who attended the conference had the opportunity to experience Engineering on an international level.

WE14 featured a platform of professional development workshops, a two-day career fair, and an opportunity to network with other collegiate and professionals alike. The professional development workshops covered topics on Career Enhancement, Career Life Transitions, Inclusions and Cultural Awareness, and many more. Some companies even held information sessions prior to and in preparation of the career fair, which took place on Thursday, October 24th.

The career fair presented over 250 exhibitors, including companies like Toyota, Amazon, Exxon-Mobil, and more! Some of these 10 girls also had the opportunity to participate in on-site interviews for internship and full-time opportunities. The girls who attended the conference left with more knowledge, experience, exposure, and opportunities not only to enhance their own careers but also to impart with the rest of the SWE chapter back home.

Check out this link to an article written about National Conference written by Jaimie Swartz! <http://goo.gl/CuydY6>

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