



QUARTERLY NEWSLETTER

SPRING 2020

LETTER FROM OUR PRESIDENT



In the wake of the murders of George Floyd, Breonna Taylor, Rem’mie Fells, and the Black Lives Matter movement, I want to make sure our members know that the Drexel Society of Women Engineers stands with the Black community against the racial injustices faced in this country. Racial inequality exists on many levels, but we are doing our part to tackle the evident racism in STEM. Through the Diversity & Inclusion moments at the beginning of our General Body Meetings, we challenge our members to reflect upon and to understand the experiences of the underrepresented in STEM. Our Outreach Committee works closely with the Philadelphia community to bridge the gap in STEM education, while our Diversity & Inclusion Committee hopes to forge closer relationships with Black organizations on campus to make sure Drexel SWE is doing all that we can to create a safe environment and to be better allies and advocates. We, as individuals and as an organization, are still learning and actively looking for ways to improve. I urge everyone to ask questions, have uncomfortable conversations, and be open to learning new things!

Hi everyone--Congrats on getting through a crazy, unpredictable, and unique spring term! I hope everyone and their families are safe and healthy. Despite the challenges of transitioning online, Drexel Society of Women Engineers was able to host several fantastic events including Happy "Hour and a 1/2" with our professional mentors, the D&I/HeForSWE Meet with our HeForSWE ambassadors, and the SWE Senior Send-Off with all of our lovely graduating seniors. Although we couldn't have in-person events, the Wellness Committee put together physical and mental wellness resources and fitness challenges for our members, while the Outreach Committee compiled tons of STEM activities for kids to do at home.

Thank you to everyone for your patience as Drexel Society of Women Engineers transitioned online. Congratulations to all Drexel graduates, we wish you the best always! We hope to bring you new and improved event ideas for the Summer, so stay tuned!

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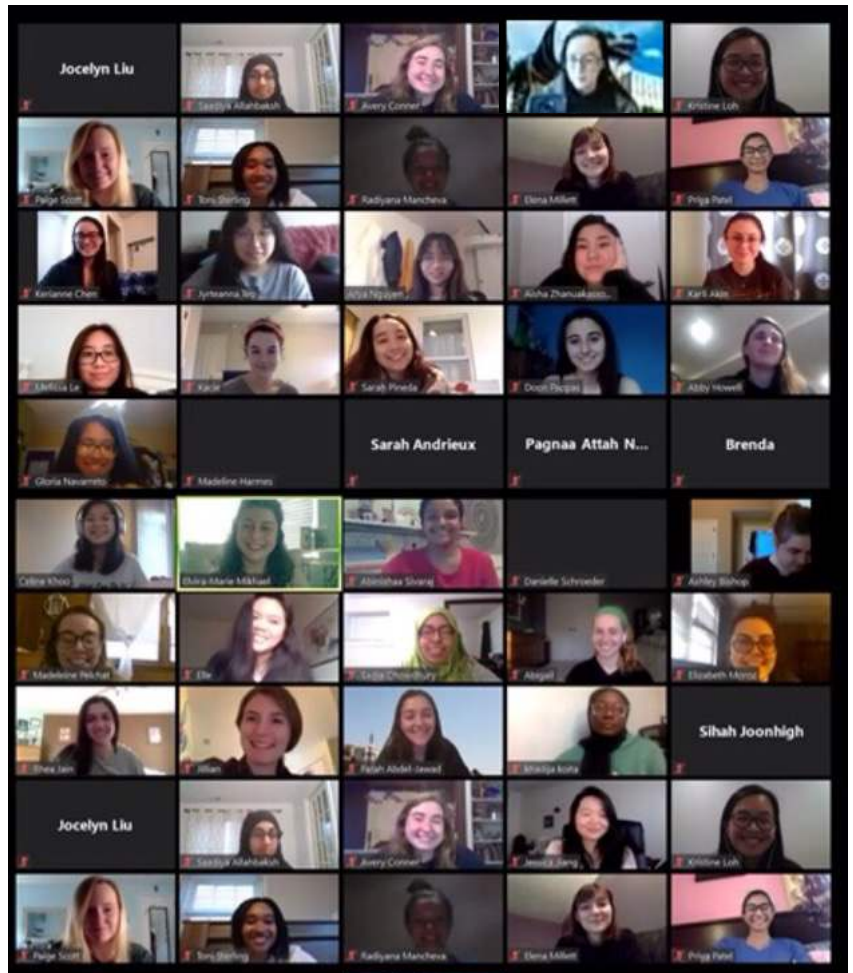


GBM #1

Our first virtual General Body Meeting brought lots of SWE members together to catch up and provide updates about SWE! We were happy to discuss National Deaf History Month as part of our Diversity and Inclusion Moment and recognize contributions of deaf and hard of hearing people. We hope to have more moments to learn and discuss important topics such as accessibility. Our General Body Meeting also featured Danielle Schroeder, Drexel SWE's Professional Counselor (and former Drexel SWEetie). Dani shared SWE's societal structure, ways to get involved, and provided her experiences with a variety of professional organizations.

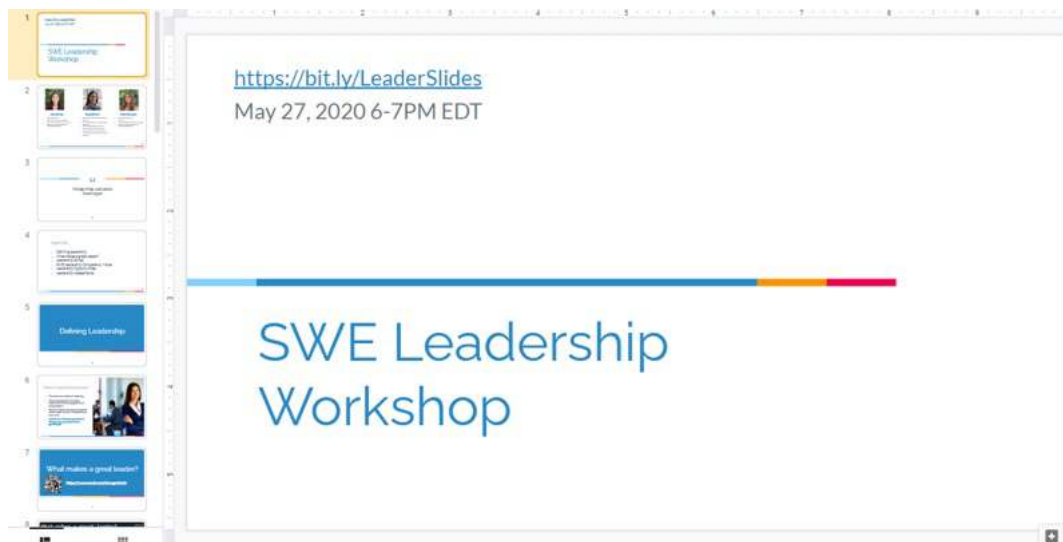
SWE-NIOR SEND-OFF

Our SWE Senior Send Off is always a bittersweet event. We are so proud of our seniors that were recognized and will miss them dearly! They shared words about their experiences through SWE and brought tears to our eyes. Each of them have had formidable impacts on the Drexel community and we will continue to look up to them as they take their next steps in life.



LEADERSHIP WORKSHOP

On SWE Founder Day, the 70th Anniversary of the Society of Women Engineers, the Membership Committee hosted its first Leadership Workshop to discuss leadership development. Rosemary Sullivan, Associate Director of Academic Advising and Coordinator of the Engineering Leadership Scholars program, helped to develop content that engaged participants. This event covered different models of leadership, qualities of great leaders, the SWE Leadership Competency Model, and opportunities to be a leader. The slides from this workshop are available at <https://bit.ly/LeaderSlides>



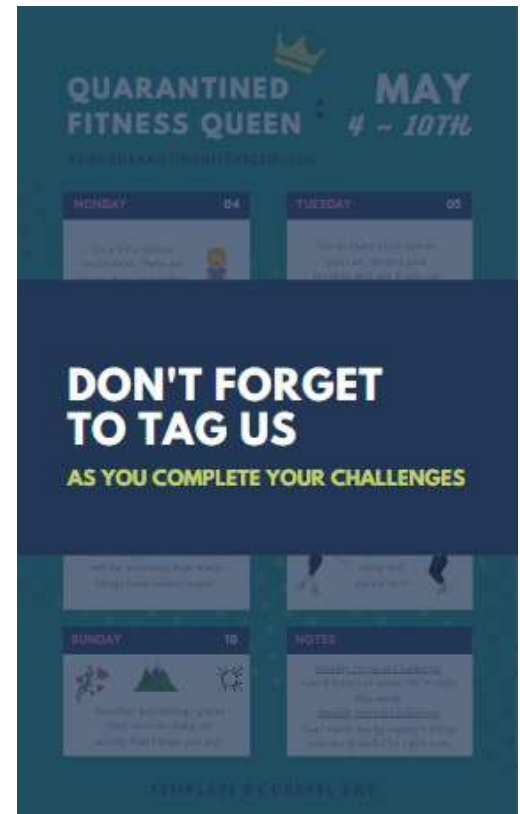
Rosemary Sullivan

Engineering Leadership Scholars Program
Manager and Associate Director of Advising

ONLINE RESOURCES AND FITNESS CHALLENGE

Since people around the world could not gather to participate in Wellness activities this Spring, we noticed that many gyms, apps, and websites were offering free or reduced pricing for their classes, workshops, or programs. Therefore, we researched these offerings and compiled them into two documents. The first, "online workout resources" contains a wide variety of workout options from HIIT, lifting, yoga, indoor cycling and more! The second, "online meditation resources" focused on resources for mental health. We hope that our members tried out a wide variety of these resources and found some that they enjoyed! Click for [Online Workout Resources](#) and [Online Meditation Resources](#).

For the month of May, we created our Quarantined Fitness Queen Challenge! This weekly calendar tasked our members with either a physical, mental, or nutritional challenge each day in addition to two week long challenges. To name a few, our challenges encouraged our members to get active outside, workout remotely with friends, perform small acts of kindness, try new recipes, meditate, and journal. We may bring the Quarantined Fitness Queen Challenge back....stay tuned!



PROFESSIONAL DEVELOPMENT

LOCKHEED EVENT

As the pandemic has hit the job market and shaken up some co-op situations, the Professional Development committee decided that it was more important than ever for our members to put their best foot forward. This term we worked with Lockheed Martin to host an online seminar on several parts of the advertising and interviewing process including resume improvement, linked in management, and interviewing tips. There were great resume tips going over how to make your resume stand out and how to improve wording, linked in guides on how to handle pictures and word captions, and finally, fantastic interviewing tips on what to wear and how to hold oneself. Big thank you to Lockheed for the overall great guidance on how to best present yourself in today's market. Next term, we aim to continue the subject to help all members take full advantage of the opportunities out there for them.

STEM ACTIVITIES LIST

Our Outreach Committee has compiled a list of various activities in disciplines like electrical, mechanical, and chemical engineering that can be conducted at-home with household items. This list was created to make fun engineering activities accessible in spite of COVID-19 restrictions. Along with our list of engineering activities we included a Parent Toolkit that included various STEM projects that were family friendly and included tips for navigating a new normal. Although COVID has altered the way we approach volunteering within Outreach we hope to have many more events in the coming terms that can be conducted using online platforms! Click for the FULL [STEM Activities List](#).

STEM ACTIVITIES LIST

Sign up to our committee subscription here!
For parents that would like to learn more about upcoming events sign up here!

Activities/Resources	Link	Description
Non-Newtonian Fluid	http://www.leaps.ucsb.edu/forms	Make your own non-newtonian fluid! Easily done with common household items.
Spinning Sculpture	https://www.youtube.com	Create a homopolar motor!
Lava lamp, reaction champs	https://www.scientificamerican.com	Create your own lava lamp at home!
Makey Makey	https://makeymakey.com	Create your own electrical circuit at home with a makey makey toolkit!
Simple Circuits	https://www.youtube.com/watch?v=...	Make electrically conductive paths!

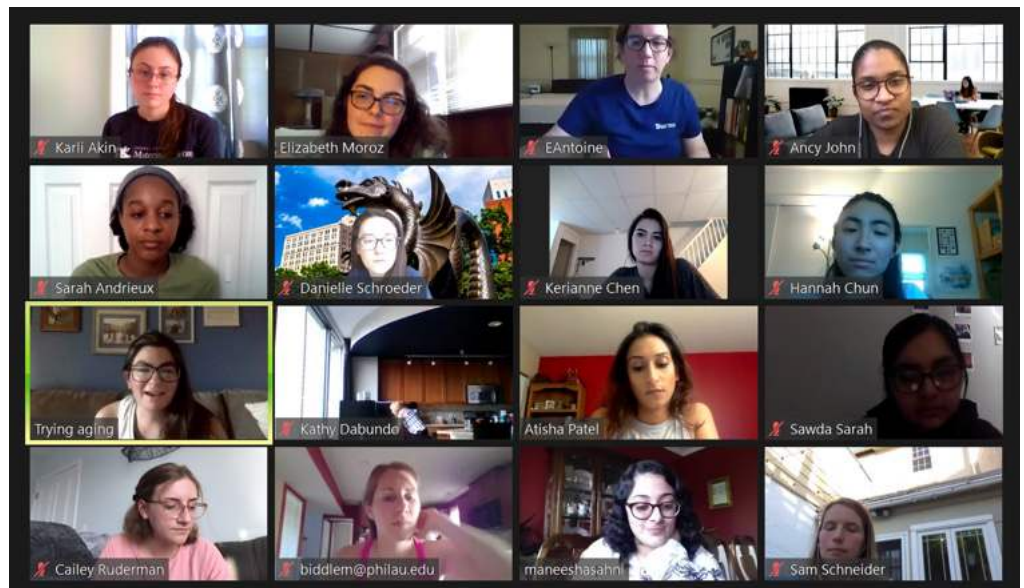
NETWORKING

MENTORSHIP GAME NIGHT

In the beginning of the term, the Networking Committee hosted its first virtual game night open to all SWE members on Zoom. The evening started off with members participating in the online game “skribbl.io”, where a single player would be given an object to draw while the rest of the players tried their best to guess what was being drawn. This activity was especially fun because of how we were all able to react to the hilarious drawings with one another through Zoom. Next, SWE members connected to JackBox Games through their phones in order to partake in the remainder of the games for the night. Funny guessing games such as “Fibbage” were played and thoroughly enjoyed by members. Overall, the game night was a lot of fun and a great way for members to take a break from their workloads!

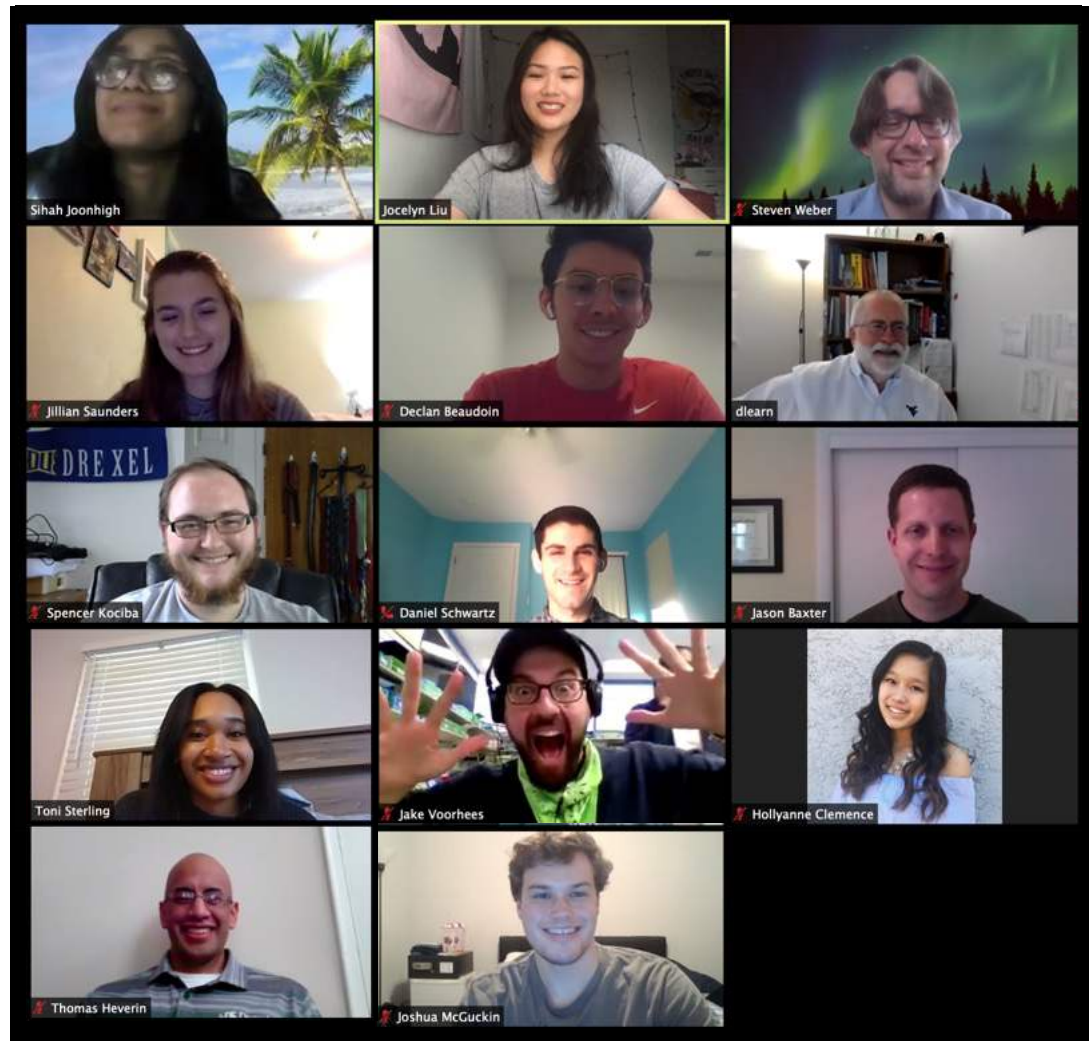
HAPPY "HOUR AND A 1/2"

The Networking Committee hosted its first ever virtual happy hour as part of the Professional Mentorship Program. A collection of sixteen mentees, mentors, and general SWE members chatted via Zoom. The conversation flowed from general introductions and talking about our silver linings to escape rooms, old Drexel memories, and “adulting.” The evening was a huge success and we hope to host more happy hours in the future!



D&I/HEFORSWE MEET

The D&I/HeForSWE Meet was a collaborative event between both committees to host a virtual discussion-based event with the current HeForSWE ambassadors and general SWE members via Zoom. The event began with the HeforSWE ambassadors introducing themselves and what motivated them to become an ambassador. During the course of the meet, several topics were mentioned including how everyone was doing during quarantine, professional advice, educational advice, and any new projects the ambassadors were involved in. The meet was successful and everyone involved was enthusiastic about participating. It also served as an excellent way for SWE members to meet the ambassadors, and for the ambassadors to meet each other.



TREASURY

FUNDRAISING COMMITTEE



The quarterly fundraising committee meeting was hosted via Zoom this term. Although COVID-19 has slowed down fundraising efforts for Spring and Summer terms, members brainstormed potential fundraising ideas for Fall term when school reopens. A survey on member experience as being part of the fundraising committee was conducted to identify places for improvement. The members also came up with recruitment ideas to capture the engagement of new students who will be starting in Fall term. The meeting ended with a discussion about members' physical and mental wellbeing during quarantine. The fundraising committee does not only allow members to learn more about hosting fundraisers but also find new friends.

ACKNOWLEDGEMENTS

Drexel University Society of Women Engineers would like to thank the following organizations:

SILVER LEVEL SPONSORS:



EVENT COLLABORATORS

- | | | |
|-----------------------------|----------|---------|
| -GoogleNYC | -Merck | -Boeing |
| -Johnson & Johnson | -Comcast | -3M |
| -University of Pennsylvania | -Langan | -GE |
| -NASA | -Solvay | |

DREXEL UNIVERSITY SUPPORT

- Drexel Mechanical Engineering & Mechanics Department
 - Drexel College of Engineering
 - Drexel Office of the Provost
 - Drexel Biomed
- Drexel University CAP (Commission for Activities & Programs) Funding

SPRING 2020 OFFICER BOARD

Elvira-Marie Mikhael	President
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Abinishaa Sivaraj	Treasurer
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Farah Abdel-Jawad	Treasurer Chair
Arya Nguyen	Public Relations Chair
Sihah Joonhigh	Diversity and Inclusion Chair
Toni Sterling	HeForSWE Chair
Karli Akin	Networking Chair

Directors serve for 4 quarter terms, beginning in the Winter.

Chairs serve for 2 quarter terms, beginning in the Winter or in the Summer.

Officer board applications are announced through our weekly member emails and social media posts. Societal membership is required to run and to vote.