

AICHE OHIO STATE CHAPTER STUDENT NEWSLETTER



March 17, 2020

COVID-19 Update

As many of you may already know, due to the current pandemic of the novel coronavirus, COVID-19, The Ohio State University has moved to online instruction for the remainder of the semester. Because of this, our student chapter of AIChE will not be able to host events on campus for the foreseeable future. As our beloved members, alumni, and sponsors, we hope that each of you and your families can remain safe and healthy during these challenging times.

Due to the cancellation of all events, this will likely be our last student newsletter for the semester. We would like to thank each of you for your support of AIChE throughout the year and look forward to staying in touch in future semesters! In the meantime, here's a quick look at some of our highlights from this semester...

Women in CBE Social

In January, AIChE hosted our very first Women in CBE Social! The event was intended to foster community among the women in the CBE department at Ohio State. Members enjoyed Chipotle catering and a fun night of board games. AIChE would like to thank the Department of Chemical Engineering for supporting the event; we look forward to hosting more events to help foster inclusion in our department in the future!



Ice Skating Social



Nothing says “winter” at OSU like a night of ice skating at the OSU ice rink! At the start of the semester, AIChE members gathered on the ice to catch up after Winter Break and *chill* before the spring semester took off.

Capital Resin Info Session



AIChE would like to thank the representatives from Capital Resin for coming to campus to share what they do! OSU Chem E's enjoyed Canes and the chance to learn about potential career paths with the company.



Spring Kickoff

AIChE kicked off the Spring Semester with another great general body meeting! New and returning members enjoyed pizza from Adriatico's and came out to hear what we have going on this semester.





Buckeyethon 2020



This year, our largest Buckeyethon team ever helped raise over \$13,000 for Nationwide Children's Hospital! At the 24-hour dance marathon, our team enjoyed silent discos, Morale Dance clinics, a Zumba class, spike ball, gaga ball, and a *very* competitive limbo contest! All in all, the event helped raise over \$1.6 million For the Kids. We'd like to give our team members and donors a special thanks for helping us surpass our fundraising goal and support the Buckeyethon effort For the Kids!

LGBTQ+ Ice Cream Social



AIChE hosted our first LGBTQ+ ice cream social to help foster inclusion for members of the LGBTQ+ community within CBE at Ohio State. Those who came out to show their support enjoyed ice cream, tons of toppings, and, of course, a few rounds of euchre!

MATLAB Workshop

A special thanks to Mathworks representative Jim Xu for hosting our first Matlab Workshop! Jim walked our members through some tips and tricks for engineering applications of Matlab. We hope to host more workshops in the future to continue learning more about the software and its applications. Thanks again, Jim!



Student Spotlights

Josh Goetze

Our first student spotlight of the year was Josh Goetze! Josh is a senior graduating in December 2020. Throughout his time at Ohio State, Josh has been very involved in the Chem-E department. He has been a part of the Chem-E Car project team and was the pressure team lead when the team took first place at the AIChE Regional Competition last spring. Additionally, he has worked for the department as a teaching assistant for CBE 2200 and, this semester he is excited to be a TA for Separations. Josh has also participated in undergraduate research in Dr. Fan's lab since the fall of 2018, working on iron oxide catalysts for methane partial oxidation to syngas.

Outside of CBEC, Josh has had several internships in various industries. In the Spring of 2018, he worked for pH Matter doing lithium-ion battery research. The following two summers, Josh worked for MATRIC doing process research and finally spent last fall working for LyondellBasell at a polyethylene plant. After graduation, he plans to attend graduate school in the fall of 2021 for industry materials research.

Apart from his many achievements in both the academic and professional world, in his free, time Josh enjoys rock climbing at OAC, camping, and hiking.



Alex Egyed



Our second student spotlight was Alex Egyed! Alex is a third-year chemical engineering major who expects to graduate in December 2021. He is president of oSTEM, a student organization that puts on social, professional, and educational events for members of the LGBTQ+ community and aims to give everyone a place where they feel like they belong in STEM fields. He also serves as the Engineer's Council Chair for AIChE to help the organization's fundraising efforts, and Alex also participated in the 24-hour dance marathon Buckeyethon on AIChE's team. Outside of Ohio State, Alex has previously co-oped for the J.M. Smucker Company last spring and summer in Pet Food Research and Development and plans to work for Dow Chemical Company this summer.

Alex is also an undergraduate teaching assistant for the Fundamentals of Engineering Honors program, which has allowed him to co-author a paper on the FEH Nano course. The paper is about exposing students to a research-based technical communication and is going to be published in the American Society of Engineering Education's Journal. On top of his outstanding work as a STEM student, leader, and teaching assistant, Alex also has a minor in Spanish language and culture, and in his free time enjoys baking, watching Seinfeld, or watching Bon Appetite videos on Youtube.

Peter Guirguis



Finally, we have Peter Guirguis! Peter is a fifth-year student graduating this semester with two degrees: one in Chemical Engineering and one in Chemistry. Around CBEC Peter is an active member of the CBE Wellness Committee and has been an undergraduate teaching assistant for Transport 1 and 2. Peter has also worked in Dr. Bakshi's lab for 2 years working on the Eco-LCA project, where he has designed an interface to enter data and run calculations that help predict the environmental impact of different process streams. Outside of CBEC, Peter has worked at Costco for the last 3 years as a night merchandiser and forklift driver, a job he loves with coworkers he adores.

Peter was born and raised in Alexandria, Egypt, and came to the US when he was 19 years old. He is very proud of his heritage and culture and will take any opportunity to share Egyptian history, language, and contemporary life. He is also involved with our campus's Coptic Club, where members spread awareness of Coptic people in Egypt and the US by representing the community in international events around campus. One of Peter's favorite things to do is travel, but not the way most people think to; when he travels, he prefers to focus on different aspects of contemporary life and culture rather than seeing monuments and landmarks. He is also passionate about cooking, hiking, baking, and swimming at the RPAC—a hobby nostalgic of swimming in the Mediterranean Sea growing up.

With a passion for the environmental impact of chemical engineering, Peter plans to use his degrees in the environmental sector. "As Chemical Engineers, we have an opportunity to develop methods of tackling climate change issues in a practical manner," he says. He hopes to use his degrees to explore short-term and long-term climate change issues and intends to learn more about global policymaking and environmental engineering to help work towards solutions to these problems. All in all, Peter is a very thoughtful, knowledgeable, and passionate ChemE and chemist, and were glad to have him in our community here at OSU.

Thank you all again for your continued support throughout each semester. Although we are sad to have cut this semester short, we look forward to more great events in the fall semester and wish you all the best of luck in the coming months!

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