

## High School Outreach Program

The American Institute of Chemical Engineers (AIChE) is proud to host Engineering Day for local high school students in concurrent to the AIChE 13<sup>th</sup> Annual Midwest Regional Conference. This event is a great opportunity for students to explore the exciting profession of a chemical engineer as well as other engineering disciplines. In partnership with Illinois Institute of Technology and University of Illinois at Chicago, this high school outreach program will be hosted virtually with interactive sessions including engineering expos, lab tours, networking with the professionals, and Q&A with the engineering panel! We invite you to discover the world of engineering with us, be inquisitive, and of course, have fun along the way!

### Event Schedule

8:30 am **Welcome Session**

8:50 am **Engineering Expo**

Meet current engineering students and check out the projects that they have been working on.

9:50 am **10 Minute Break**

10:00 am **Engineering Lab Tours**

University Engineering Lab Tours, Argonne National Laboratory Tour

11:00 am **30 Minute Lunch Break**

11:30 am **Networking with the Professionals**

Opportunity for small group discussions with engineering professionals and students.

12:30 pm **Keynote Speaker – Dr. Elizabeth Corson**

*TomKat Postdoctoral Fellow in Sustainable Energy, Stanford University*

1:30 pm **10 Minute Break**

1:40 pm **Engineering Panel**

Learn about the day-to-day activities of practicing engineers and engineering students. Time to ask your most burning questions.

2:40 pm **Closing Remarks**



Dr. Elizabeth Corson is a TomKat Center Postdoctoral Fellow in Sustainable Energy at Stanford University, studying how to recover resources from wastewater through electrochemical nitrate reduction. She completed her Ph.D. in Chemical Engineering at the University of California, Berkeley where she did research on converting carbon dioxide into valuable fuels and chemicals through plasmon-enhanced electrochemical reduction. Originally from Iowa, Elizabeth received her B.S. in Chemical Engineering from the Illinois Institute of Technology in Chicago.

Check out <https://hopin.com/events/aiche-engineering-day> for more information about the event or email us at [aiche.outreach.chicago@gmail.com](mailto:aiche.outreach.chicago@gmail.com).

**HS Outreach Organizing Committee Chair:** Donald Chmielewski (IIT), Linh Quach (bp)

**Programming:** Akshar Patel (IIT), Christopher Converse (IIT), Abigail Hartzell (UIC), Cameron Kanofsky (IIT), Christina Majercak (IIT)

## Calling All Professional Engineers!

“Networking with the Professionals” is a great opportunity for the high school students to learn more about engineering and ask questions in a small interactive group setting. Each group of seven high school students to be paired with one professional engineer and one university engineering student to discuss a career in engineering. Please be prepared to share about your career path and what you love about engineering! If you are interested in participating in the *Networking with the Professionals*, please register for the event using the link below.

<https://hopin.com/events/aiche-engineering-day?code=9ucoqp6PKrK6fpeDnIWrtvCni>

If you do not have a hopin account, you will need to create one before registering.