

AIChE Events

- ◆ General meetings
 - Presentation by industry representatives
 - Socials
- ◆ Annual fall picnic with the Department of Chemical Engineering
- ◆ Bonfire social
- ◆ Annual holiday party with Dr. Co and Dr. Morrison
- ◆ Plant tours
- ◆ Volunteering for the Friends of the Michigan Tech Library book sale

Plant Trips

- ◆ Each semester our chapter tries to tour a Chemical Engineering facility in the Midwest
- ◆ Plant tours allow students to experience the real world applications of their degree throughout various industries
- ◆ During the Spring 2016 semester we visited Bemis in Neenah, WI



Bemis Innovation Center Neenah, WI

Contact Information

Advisor: Dr. Tomas Co (tbco@mtu.edu)

For more information, or if you are interested in joining AIChE, join our involvement link page or visit our website:

aiche-mtu.weebly.com

AIChE



Michigan
Technological
University

American Institute of
Chemical Engineers
Michigan Tech Student
Chapter



2016 Chemical Engineering Department
Picnic

AIChE Membership Benefits

Local Level

- ◆ Interact and network with relevant industrial employers via presentations and socials
- ◆ Socialize with Chemical Engineering faculty, undergraduates and alumni
- ◆ Travel to regional and national conferences
- ◆ Explore industrial facilities and Chemical Engineering operations on plant trips
- ◆ Enjoy free food at each meeting



A representative from UOP talking with an AIChE member after a general meeting

National Level

- ◆ Access to Perry's Chemical Engineering handbook, scientific references, data-bases and professional journals
- ◆ Eligibility for over \$50,000 worth of awards and scholarships given annually to undergraduate members
- ◆ Monthly webinars led by experts from leading companies
- ◆ Discounted attendance to regional and national conferences
- ◆ Chemical Engineering operations on plant trips
- ◆ Enjoy free food at each meeting



2017 Chem-E-Car National Competition San Francisco, CA

Chem-E-Car

Objectives

- ◆ Design and build a shoe box sized (40x30x20, cm) car
- ◆ Identify and develop a reaction for powering the car (ex. Fuel cells, Batteries, Pressure, etc.)
- ◆ Identify a chemistry based control system, that is flexible enough can to allow for the car to travel a target distance, set an hour before competition (ex. Clock-reactions, stoichiometry, etc.)



2016 Chem-E-Car Regional Competition Miami University

Student Benefits

- ◆ Development of troubleshooting skills
- ◆ Teamwork
- ◆ Application of engineering knowledge in a hands-on laboratory environment