American Institute of Chemical Engineers at Virginia Tech represents 300 undergraduate and graduate student members and counting.

AIChE provides opportunities such as:

- Networking and Career opportunities for full time jobs, co-ops, and internships
- Resume reviews
- Plant tours
- Peer mentorship programs
- Chapter trips to regional and national industry conferences
- Outreach & Volunteering in the New River Valley
- In April 2020, the organization will host the Mid-Atlantic AIChE Regional Conference at Virginia Tech bringing together students from across the region.
• Mentorship Program:
  • Freshmen and Sophomore chemical engineering students are paired with Junior and Senior mentors
  • Students are given guidance on class selection, study tips, and professional development
  • Fosters interaction within and across classes

Photos from our recent mentorship events
AIChE Career Forum: Annual event the evening before the fall career where your company can speak to Virginia Tech and collect resumes from VT chemical engineering students.

Professor Durrill giving a tour of the Virginia Tech unit operations lab to students.

Students on recent plant tour with AdvanSix in Hopewell VA.

It was a fantastic networking opportunity, and after a day at the plant and R&D facility it was nice to sit down with the people who have a core understanding of the plant and business aspects of AdvanSix.

-Adair Maynard, Senior
Overall, attending this conference [AICHE Annual Meeting] really helped solidify that I am confident in my major selection, and I wish to continue to grow in this major and find ways to better myself as well as Virginia Tech.

-Victor Almeida, Sophomore
Tour of Novozymes in Salem, Virginia

First Tech Challenge refereeing and judging: Riner, VA

Plant tour of Volvo Dublin, Virginia Plant: Coatings and Paint operation

Tour of Merck Pharmaceutical Plant in Elkton, Virginia

VT AIChe
AIChE Members volunteering at Engineering Outreach Event

General body and mentorship program meeting, Spring 2019

Student’s at 2018 AIChE National Conference in Pittsburgh
Team of 15 chemical engineering students that competes in AIChe Chem-E-Car design challenge
- Goal of competition is to design a small car powered only by a chemical reaction to travel a precise distance
- Virginia Tech team has succeeded consistently at regional and national level
- Won 1st place out of 21 teams in most recent regional competition marking 6 years of top 5 placements
  - First victory in five years in April 2019!
  - Perform Outreach in the New River Valley Area
Regional Competition Victory

Results:
• First place out of 21 teams
• First victory in over 5 years
• 6th consecutive placement for national competition
• Second victory in history of the team
• Best two runs of the competition
  • First run: 8cm from line
  • Second run: 6cm

Team member names: team leader Austin Porfiri, Wenting Shi, and Hao Li; twelve Juniors: Sara Schlemmer, Josh Rasco, Paul Stiles, Franklin Sheng, Emma Dartevelle, Sarah Adam, Ryan Stephen, Nish Shanmugham, Lindsey Wallen, Carlos Prieto, Jess George, and Jim Owens
Top Left: Battery team testing Zinc-Manganese Battery
Top Middle: Controls team working on program for the car
Top Right: Chemistry team performing chemical trials
Bottom: Controls and Chemistry team testing car in Hancock
Team members volunteering at FIRST Robotics Challenge tournament at Blacksburg High School

Girl Scout STEM outreach day at Virginia Tech

Making Slime at Gilbert Linkous Elementary School science fair
Team volunteering at FIRST Lego League Competition at Blacksburg Middle School

STEM activity day with 4th grade classes at Harding Elementary School

At the Competition team members facilitated a Lego robotics competition for elementary and middle school students

Fall Outreach
Fall 2018 team in a video produced for the National Competition

Team at corporate showcase event
Preparing for and running car at competition, placed 19th internationally.

Fall 2018 team at National Competition in Pittsburgh.