

***SBU Chem-E-Car team advances to the national AIChE competition
(San Francisco, Nov. 2016)***

Description of AIChE and Chem-E Car

"Serving Chemical Engineers Who Serve the World."

The American Institute of Chemical Engineers (AIChE) is the leading professional organization for chemical engineers. As the global leader of the chemical engineering profession, AIChE's mission is to promote excellence of chemical engineering education and practice, uphold the ethical practices of professional chemical engineers, and provide resources for lifelong professional development such that chemical engineering can enhance public welfare.

The AIChE student chapter at Stony Brook University strives to promote the professional development of its members as well as enrich the education of chemical engineering students. Our student chapter of AIChE provides both social and professional opportunities for students, including attending the annual AIChE regional and national conferences, competing in the Chem-E car competition, inviting industry professionals to give talks, as well as attending events hosted by the AIChE NY Metro Section.

The Chem-E Car competition is an annual regional and annual competition with participants from all over the world. It is held during the AIChE regional and national conferences, along with workshops and networking events. The purpose of the competition is the design and construction of a chemical-reaction powered car, which will stop using another reaction at a certain distance and under a certain load. The Chem-E Car competition encourages creativity and innovation as well as engaging chemical engineering students in the development of safe practices.

Description of 2016 Chem-E Car Regionals



The Stony Brook chapter of American Institute of Chemical Engineers (AIChE) placed 5th out of 28 at the 2016 AIChE Mid-Atlantic Student Chem-E Car Competition, qualifying them to compete in the National Chem-E Competition for the first time in 4 years. The Stony Brook Chem-E Car team captains Gurkirat Singh and Helen Liu, along with team members Allen Tran, and Robbin Jang, competed on Saturday, April 9 at the University of Delaware. Their car entry "Miguel", named in memory of CME student Miguel Lorenzo Roncal, is powered by an inexpensive aluminum-air battery developed by the team captains and is stopped using a color-changing clock reaction.