The UH Cullen College of Engineering has some of the best student teams in Texas! Our student teams are major contenders each year at a variety of regional competitions and have represented UH at many national competitions. Now, more than ever, your support is needed to help these students continue this excellence, breaking UH onto the national engineering student competition scene!

Chem-E Car

In 2010, the UH Chem-Car team won the regional competition at the AIChE Southwest Regional Conference and competed at the national competition last November. The team, now led by Walter Barta, a senior in the Chemical & Biomolecular Engineering Department, is working on a new reaction and a new car design. They are attempting to synthesize a bio-fuel and power the car with a combustion engine, which would allow them to automatically win a prize. For more information, please contact either Walter, Abel Morales who is the AIChE president, or Dr. Fleischer who is the car team advisor.

AIChE Website | Read Story | mfleischer [at]uh [dot] edu (subject: Chem-E%20Car) (Support Team)

Concrete Canoe

The Texas ASCE Student Chapters and Clubs construct and race a canoe of concrete in a competitive and rather fun environment sponsored by a national sponsor as well as by local sponsors. Each year the competition is held in a new location hosted by an ASCE Student Chapter. After competing in the Regional Conference we travel to the National Conference and have had several respectable showings. The National Competition in the past has been held at various universities and locations including: University of Houston, University of Texas, South Padre Island, Texas A&M University, and Texas Tech University. For the last two years, the UH concrete canoe team won regionals and competed at the national tournament.

ASCE Website | Read Story | Watch Video | machado [dot] guillo [at]gmail [dot] com (subject: Concrete%20Canoe) (Support Team)

Robotics
For the second consecutive year, the UH Robotics Team won the Institute of Electrical and Electronics Engineers (IEEE) Region 5 Technical, Professional and Student Conference.


Steel Bridge

Civil Engineering students are challenged to an inter-collegiate competition that includes design, fabrication and construction of a steel bridge. Participating students gain practical experience in structural design, fabrication processes, construction planning, organization and teamwork. The competition is a scaled simulation of a representation structural engineering project.


Texas VEX Robotics

UH engineering students captured first place at the Texas VEX Robotics Champship, College Challenge last spring.


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Links:
[1] https://www.egr.uh.edu/alumni/support