at the Jonsson School connects talented engineering and computer science students to industry. Offering creative ideas to real-world problems, teams of senior-level students work on projects for companies. At the end of the project, which serves as the capstone of each student’s undergraduate education, the results are turned over to the sponsor. Many of our student projects have won national competitions and garnered attention from industry titans.
In June 2016, UTDesign students won the Capstone Design Conference. Their device aids in the treatment of incontinence. The project was sponsored by CerSci Therapeutics. Realizing the prototype’s potential impact on health care, CerSci has spun out a separate business and invited the UTDesign team leader to help co-found the company.

A team also won first place at this biannual competition in 2014. The winning project, sponsored by Frito-Lay, resulted in a prototype tool that automated the adjustment process of blade gaps on Frito-Lay’s potato slicers. Frito-Lay extended three internships to these students to fully develop the tool.
The UTDesign Studio offers more than 30,000 square feet of dedicated space for students and corporate sponsors to create, innovate, build and learn. Each year, more than 400 students use the project labs, machine shop and innovation areas. A computer lab is exclusively available for students working on UTDesign projects.
Also in summer of 2016, a UTDesign team won the ASME Manufacturing Science and Engineering Conference Student Design Competition.

The project, sponsored by Essilor of America, focused on the development of a machine that measures how well a coating, such as an anti-reflective coating, adheres to an optical lens. The prototype performs an adhesion test that can obtain more consistent results and relieve operator fatigue.

The competition in 2015 had similar results – UTDesign students took first against some of the nation’s top engineering programs.

The project, sponsored by Raytheon Co., focused on the development of an automated machine that places lids on small electronic packages. The newly created machine is expected to save $50,000 in labor per year.
UTDesign won the 2013 Tech Titans of the Future Award given by Tech Titans, the largest technology trade association in Texas. The award is given to accredited programs that encourage students to choose engineering and technology-related disciplines as preferred career paths.

For more information about UTDesign, visit utdallas.edu/utdesign or contact Program Coordinator Rod Wetterskog at wetterskog@utdallas.edu