Engineering Students Attend Concrete Bowling Ball Competition

03/26/2018

News Release — LOGAN, UTAH, March 26, 2018 — Four engineering students at Utah State University participated in the 2018 FRC Bowling Ball Competition in Salt Lake City, Utah.

Fifty-seven teams from universities around the world created bowling balls made out of concrete. The teams competed in two categories – Bowling Ball Design and Bowling Ball Analysis. The event was held March 25.

“Through trial and error the students gained a better understanding of how different components affected the mechanical properties of concrete. Not only did the students design the concrete mixture, they also had to figure out how to cast the mixture into the spherical form and try to make the ball as symmetric as possible for rolling,” said Dr. Andrew Sorenson, a professor of civil engineering at Utah State University.

In addition to competing in the bowling ball competition, Taylor Sorensen, a doctoral student advised by Dr. Marc Maguire, place third in the poster presentation session. Peter Collins, an undergraduate research assistant advised by Dr. Sorenson and Dr. Thomas, also presented on his undergraduate research in a student research session.

The USU team is already making plans to attend the next ACI Convention which will be held in October in Las Vegas, Nev.