

2018 New England Regional Student Conference
at
The University of Vermont



June 18, 2018

The 2018 ASCE New England Regional Conference took place on April 27, 28, and 29 at the University of Vermont (UVM) in Burlington. The Friday afternoon activities included registration of student chapters, Mead Paper presentations from students answering the question “How does the personal and professional use of social media relate to the ASCE Code of Ethics?”, and a business meeting for the 18 participating schools. During the business meeting, The University of New Haven volunteered to cohost the 2019 ASCE New England Conference with another school who is still to be determined. On Saturday, the Steel Bridge Competition began at 6 am with schools setting up bridges for aesthetics judges. Two at a time, bridges were constructed, weighed, and tested for vertical and lateral deflections. Only 6 schools were not disqualified from the Steel Bridge Competition. Also on Saturday, the Concrete Canoe Competition had aesthetics judging and technical presentations. Saturday evening, all participants, volunteers, and judges joined for a banquet in the Dudley H. Davis Center in Burlington where Ken Pidgeon, President of Engineers Construction, Inc., presented on the “Challenges in Predicting Members Forces in Bridges.” The presentation referred to a recent railroad bridge strengthening project where multiple vibrating wire strain gauges were installed to assess the forces in members during dead load condition. The strain gauges revealed surprising results that were significantly different than predicted by analysis. On Sunday, the Concrete Canoe Competition was supposed to take place on the Lamoille River but due to bad weather and dangerous river conditions, the events were cancelled.



















