

2018 International NASA Rover Challenge

April 13th, 2018, U.S. Space & Rocket Center in Huntsville, Alabama.

The ECU AIAA/ASME joint student team comprising of students Evan Diener, Morgan Whitley Watkins, Jameson William Morris, Tanner Guin and Andrew Alan Grena won third place in the 2018 International NASA Rover Challenge. This team was advised by Dr. Tarek Abdel-Salam, Director, Center for Sustainability, ECU.



The team members from left to right Morgan Watkins, Dr. Tarek Abdel-Salam (advisor), Andrew Grena, Jameson Morris, and Evan Diener (sitting). Not pictured: Tanner Guin

The competition was held at the U.S. Space & Rocket Center in Huntsville, Alabama and sponsored by the Marshall Space Flight Center. The students were tasked with building a human powered vehicle that could traverse simulations of extraterrestrial terrain similar to those found on the lunar or Martian surfaces within a six-minute time limit. During this allotted time the team had to traverse 14 different terrain obstacles and complete five tasks along the way. The ECU team was the only university team to finish the course which they finished under the time limit.



From left to right: a.) The team poses with their rover holding up a flag to represent ECU; b.) The rover is being measured while it is compacted for transportation; c.) The team with their rover just before they begin the competition.

To watch the team compete in the competition follow the YouTube link below.

<https://www.youtube.com/watch?v=-IXlgVsSoOQ>