



AICHE Chem-E-Car Poster Competition

- a. A poster board must be displayed with the autonomous vehicle on the day of the competition. This poster should describe how the car is powered by the chemical reaction, the unique features of the car, and environmental and safety features in the design. Appropriate documentation on the design and testing of your vehicle must be available for inspection by the judges at the poster competition. This documentation must include:
 - Vehicle design description, drawings and testing results;
 - Complete Engineering Design Documentation package described in the Safety rules;
 - Proof that the team has all of its required PPE (personal protective equipment);
 - Evidence, if any, of creativity in the propulsion system design and the appearance of the vehicle.
- b. The poster competition and judging will occur prior to the Chem-E-Car Performance Competition. Team members must be present during judging to answer questions from the judges.
- c. A team must achieve a minimum score of 70% in the poster competition to be able to advance to the Chem-E-Car Performance Competition. Posters will be judged according to the following criteria:
 - Description of the chemical reaction / power source (20%)
 - Design creativity and unique features of the vehicle (20%)
 - Environmental and safety features (40%)
 - Quality of the poster and team member presentations (20%)
- d. Winners of the poster competition will be announced at the end of the performance competition.