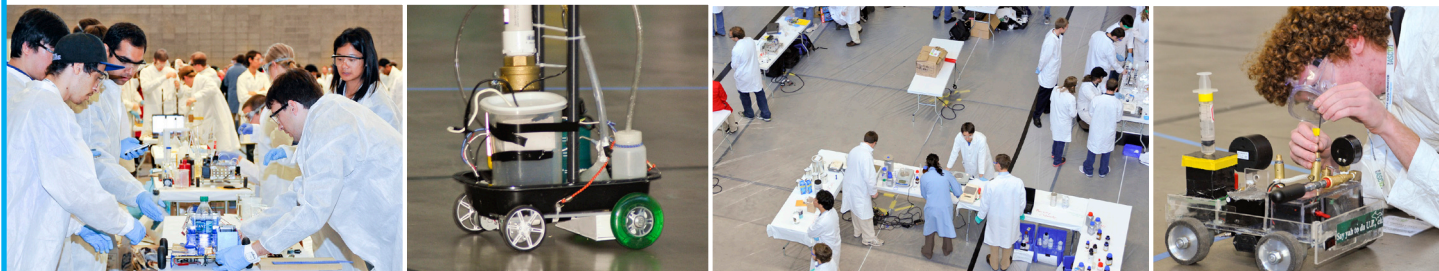




AICHE Chem-E-Car Competition® at 10th World Congress of Chemical Engineering (WCCE) **FREQUENTLY ASKED QUESTIONS**



PHOTOS: ALAN J. STEINER

What is the AIChE Chem-E-Car Competition®?

The Chem-E-Car Competition® engages undergraduate students in designing and constructing a car powered by a chemical energy source that will safely carry a specified load over a given distance and stop.

Why participate?

Participating in the Chem-E-Car Competition® gives students a chance to apply what they learn in their chemical engineering coursework outside of the classroom. Participating in this competition is a great way to gain design, troubleshooting, project management and safety hazard analysis skills.

Where and when will the competition be held?

The 2017 Chem-E-Car Competition will be hosted by AIChE and the World Chemical Engineering Council (WCCE). The competition will be held during the 10th WCCE, taking place **September 30 - October 2, 2017, in Barcelona, Spain.**

What teams are invited?

Universities from around the world are invited.

How many students can be on a team?

Teams should be comprised of a minimum of 5 and a maximum of 12 students. Any undergraduate student is eligible to compete. If a student completes their studies before the competition in October they are eligible to compete, as long as they were undergraduate students when the team was formed. On the day of the competition only 5 students are allowed on the competition floor at a time. Team members can be switched out as needed, but only 5 at a time. This is for safety reasons.

Do teams need a faculty advisor?

Yes, all Chem-E-Car teams need one faculty member to serve as an advisor. Teams may also seek help from graduate students.

What is the role of the faculty advisor?

Faculty and graduate students can only act as sounding boards for the student queries. The faculty cannot be idea generators for the project. There is no restriction on requesting assistance on vehicle safety – teams may request safety assistance from their faculty advisor, other faculty members, other universities, and professional practitioners in industry and elsewhere.

The undergraduate team members are responsible for the design and construction of the car, but the faculty advisor should monitor the process to ensure that all safety guidelines and rules are followed. The faculty advisor or designated faculty member must be present at the event.

Where can I find videos and photos and videos from the AIChE Annual Meeting?

Visit the Chem-E-Car Competition website at:
www.aiche.org/chem-e-car.

What are the competition rules?

The official competition rules will be provided once a team registers, but you may view the U.S. rules online here: **www.aiche.org/chem-e-car** to get an idea of what the international rules will include.

Is there an individual registration fee?

All team members will need to register for the WCCE conference. Registration instructions will be provided to all advisors and students.

Is there a team entrance fee?

Yes, the equivalent to \$200 USD to offset costs of hazardous waste materials.

What is the procedure for ordering Chemicals?

Teams will select chemicals via a Chemical Vendor provided by AIChE. The order will be placed by AIChE, but all teams are responsible for paying for their own chemicals.

How does my university participate?

To confirm interest in participation, please complete this short form at **<https://chenected.wufoo.com/forms/mp09gi61pl62c0/>**
Questions? Contact **wccechemcar@aiiche.org**. Two teams per country will participate. A selection process will be determined after entries are received.

Is travel assistance provided?

Teams will be responsible for covering the cost of travel and accommodations. Teams are encouraged to seek corporate sponsors.

How can I get more information?

Please contact **wccechemcar@aiiche.org**.

To learn more about AIChE and WCCE, please visit: www.aiche.org or www.wcce10.org

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