



# EMAG!NE

YOUR FUTURE

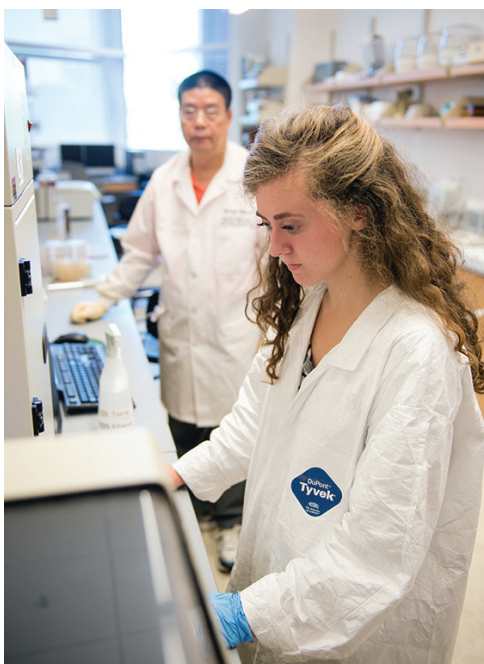
CLEMSON UNIVERSITY

*We're coming to Greenville.*

**Saturday, April 5**

**10 a.m. to 3 p.m.**

**The Carroll A. Campbell Jr. Graduate Engineering Center,  
Clemson University International Center for Automotive  
Research (CU-ICAR), Greenville**



Work with Clemson faculty and students to test your creativity and technical skills in a series of three engineering challenges.

#### **Challenge I: Civil Engineering**

Learn engineering and design principles by building a tower and foundation to support a wind turbine.



#### **Challenge II: Electrical and Computer Engineering**

Discover the basics of controlling a robot's motor and reading from its sensors — touch, light, color and ultrasonic — to design, build and program a robot to accomplish a given task.

#### **Challenge III: Mechanical Engineering**

Use design principles to build a model paddleboat. Test and re-test to see what can be done to make it go faster, go farther and stay afloat longer.

**To register: [clemson.edu/emagine/greenville](http://clemson.edu/emagine/greenville)  
SPACE IS LIMITED**

**Fee:** \$5/child or parent; lunch and **Emagine!** t-shirts included

**Questions:** [skennea@clemson.edu](mailto:skennea@clemson.edu)

