



# THE NANO INNOVATION CHALLENGE:

USING TINY SCIENCE TO  
SOLVE WICKED PROBLEMS

## WHAT DO I DO?

Learn about nanoscale science and apply that knowledge to help address one of the UN's Sustainable Development Goals, then create a 3-minute video featuring your ideas.

**SUBMISSIONS DUE APRIL 1, 2021**

**TEACHERS MUST REGISTER YOUR SCHOOL  
BY FEBRUARY 15, 2021.**

**REGISTRATION IS LIMITED TO 25 SCHOOLS.**

**PRIZES:** Teams will win prizes that include Amazon gift cards: 1st place \$100; 2nd place \$50; 3rd place \$25. The 1st place winners also will have an hour of scanning electron microscope time to conduct a class investigation. Teachers of winning teams will receive a \$50 gift card.

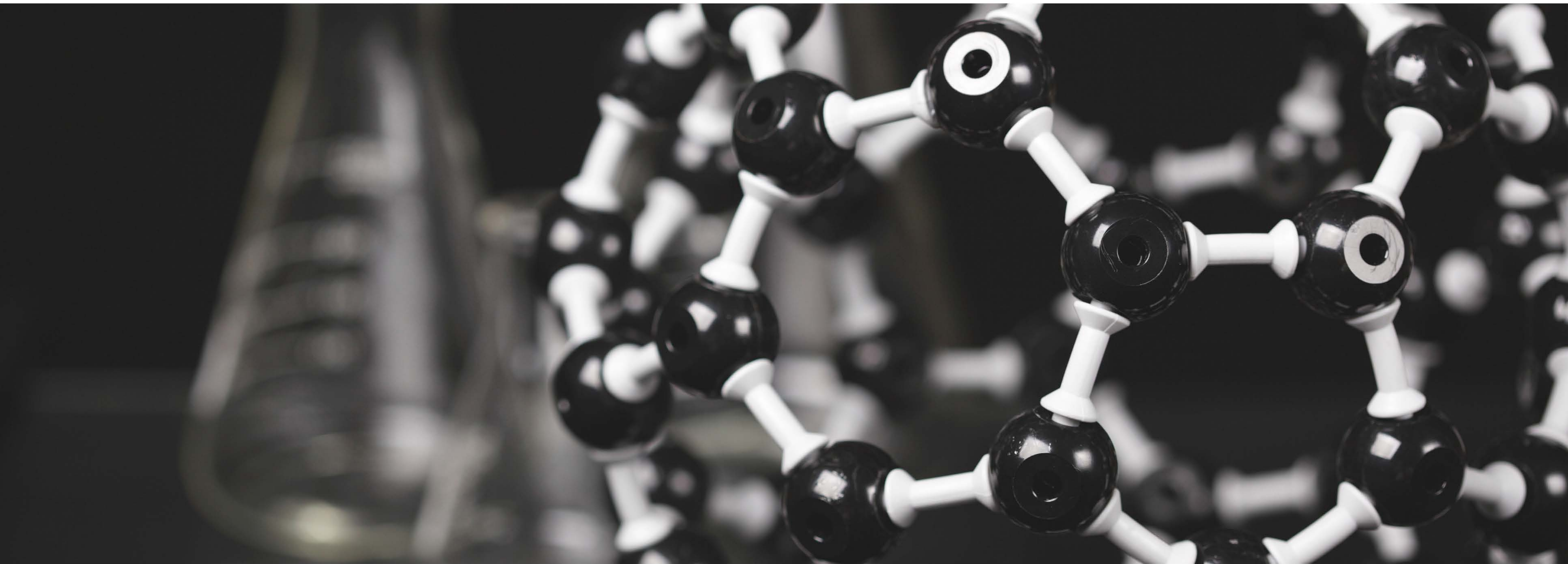






# ABOUT THE COMPETITION

Who Can Participate?: Middle and High  
School student teams of up to 5 students



Grab your lab coat and goggles and help scientists address the [UN Sustainable Development Goals](#) using nanotechnology. Your idea might be the next great solution to providing people across the globe with clean water, better medicines, or making solar energy more economical.

*The Task:* Create a 3-minute multimedia presentation in the format of a video to pitch your idea for using nanotechnology to address one of the Sustainable Development Goals. Presentations will be judged on these criteria: 1) Application of scientific content, 2) Creativity/Innovation, and 3) Presentation quality.

*Judging:* There are 2 levels of judging: 1) Each school will judge the projects and select 1 winning team to go forth to the state level. 2) At the state level competition, scientists and science educators from the Research Triangle Nanotechnology Network will judge the Nano Innovation presentations and will select the winning teams. *Note: The state competition is limited to the first 25 schools to register.*

Sponsored by The Research Triangle Nanotechnology Network, the Eastman Company, the Friday Institute for Educational Innovation, and the College of Education at NCSU.