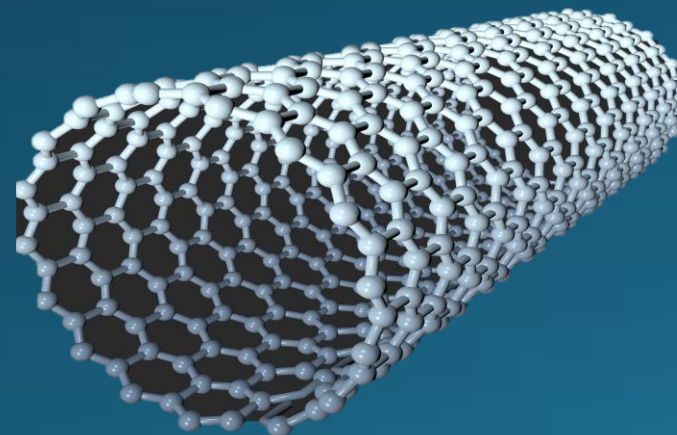


# Team 19 - CO<sub>2</sub> Busters

Our planet is currently experiencing a climate crisis and if trends continue, there will be serious damage done to our planet and the life on it. A large contributor to this climate crisis is humanity's release of carbon dioxide to the atmosphere. Team 19 is looking at ways to address this issue.

Our team is researching methods to collect CO<sub>2</sub> and prevent it from entering the atmosphere, as well as converting it into something useful. The desired product is carbon nanotubes, a useful material with applications in drug delivery, solar power, batteries, and more. Team 19's goal is to simulate a process that would collect CO<sub>2</sub>, then convert it into carbon nanotubes.



<https://www.britannica.com/science/carbon-nanotube>



Team of Chemical Engineers (from left to right)  
Andrew Park, Alisyn Greenfield, James Kim, & Spencer Rizer

Advisor: Jeremy VanAntwerp