

HANDS-ON MINDS-ON INDUSTRIAL PRACTICES

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Vaping: Exploring the Current Science

Learn how to engage students by exploring what science can tell us about the health effects of vaping. In the lesson presented, students explore common myths around vaping, engage with current health data about the effects of the practice, and conduct an experiment on live cells to see for themselves how the ingredients in vaping can alter cellular processes. Using research and lessons created by the UNC Center for Engagement that have been adapted for middle school students, participate in and take home a timely lesson on this important health topic. The lesson is adaptable to meet the needs of many different types of learners, and this topic is relevant for students of all backgrounds. We will discuss the data on vaping use in different groups of people. Not only will students gain insight into the health effects of vaping, they also will use important skills necessary for scientific careers.

Presentation Target:

Middle School

Presenter(s):

1. Jason Carter, Assistant Director, The Science House Mountain Office at NCSU
2. Michelle Taylor (Benigno), Director, The Science House Mountain Office at NCSU