Self-Replicating Materials: How to Build Artificial DNA - Camp for Educators June 30, 2026

Do you love to learn and engage in cutting edge science? Join us!

In this session you will explore these themes:

- Non-living, self-replicating, and self healing materials that might sound more like science fiction than reality
- How does one build molecules that imitate some of the capabilities of living systems?
- How close are we to their development, and how might they benefit society? What is the implication for life in space?
- Strategies for taking these concepts back to your classroom

Additional Benefits:

- Meet and learn from faculty and researchers
- Get an insider view into UT Austin labs via lab tours
- Engage in hands on activities with tangible models to understand how self-replicating materials can be created and how they work

Details:

- When: 6/30, 9am-3:30pm
- Where: UT Campus, Welch and MBB Buildings
- $100 stipend
- Lunch provided
- Parking permit provided

Speakers:

Prof. Eric Anslyn, CARMA Director & Chemistry, UT

Prof. Andy Ellington, Molecular Biosciences, UT

Prof. Emily Davidson, Chemical & Biological Eng. Princeton

This session reminded me of what I know, knowledge I have that I haven't used in years, plus it pushed me to think about the future possibilities in science with raw technologies. It inspired me to go back to my classroom and motivate students to push their thinking." -Past participant

Apply Today! All applications due by May 11th

Visit the CARMA website to apply and for details on the Center: https://carma.utexas.edu/

Application: