



BioEdTech

Summer Institute 2026: Illuminating Biotechnology



Supported by: NSF
DUE 2300876

A HANDS-ON WORKSHOP SERIES FOR HIGH SCHOOL EDUCATORS

Build practical skills in DNA technology and bring authentic, engaging biotechnology experiences to your classroom.



PART 1 BIOTECHNOLOGY FOUNDATIONS WORKSHOP (BASIC)

JUNE 8-10, 2026

*Art + Science
in Action!*



Gain foundational lab skills through hands-on activities, including bacterial transformation and exploration of chromoprotein-expressing bacteria.



HANDS-ON LABS

- Bacterial transformation
- Petri dish art



CLASSROOM-READY MATERIALS

Take activities back to your classroom

\$350

PARTICIPANT STIPEND

PART 2 ADVANCED BIOTECHNOLOGY APPLICATIONS WORKSHOP

JUNE 10-12, 2026

Advanced Techniques. Real-World Connections.



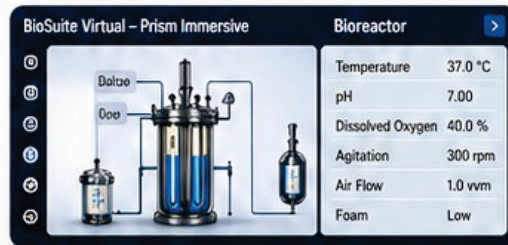
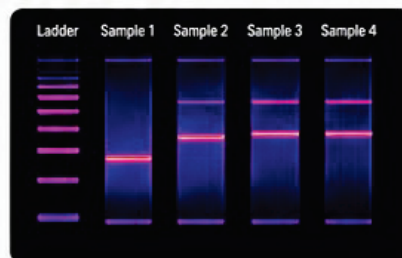
Design primers, perform PCR, and analyze your samples with gel electrophoresis to connect genotype to phenotype.



Use **BioSuite Virtual** from Prism Immersive to operate a virtual bioreactor and explore bioprocessing concepts.



Connect molecular biology techniques to real-world biotechnology production and biomanufacturing.



HANDS-ON LABS

- Primer Design
- PCR
- Gel Electrophoresis
- Virtual Bioreactor



CLASSROOM-READY MATERIALS

Take activities back to your classroom

\$500

PARTICIPANT STIPEND

FLEXIBLE PARTICIPATION OPTIONS

NEW PARTICIPANTS MAY:

- ✓ Attend the Basics Workshop only, or
- ✓ Attend both the Basics and Advanced Workshops

RETURNING PARTICIPANTS MAY:

- ✓ Enroll directly in the Advanced Workshop, or
- ✓ Participate in both sessions for a comprehensive experience



WHY PARTICIPATE?

- ✓ Build practical biotechnology skills
- ✓ Access classroom-ready activities and resources
- ✓ Connect with universities and industry
- ✓ Support student curiosity and real-world STEM learning



READY TO JOIN US?

Spots are limited.
Scan to register today!



QUESTIONS? CONTACT US!

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