

Summer Science Institute

For High School Students

2026

*Applications available
on our website:
www.uab.edu/cord

CORD
emPowering rising stars

Take part in hands on laboratory experiences that covers molecular biology, microbiology, biotechnology, genetic engineering and much more!
The program will be held in the CORD lab space on the UAB Campus.

SSI-Biotech
**Fundamentals of Applied
Biotechnology**
**One Session Offered:
July 6-10th, 2026**



See the back for additional details and descriptions!

SSI-Biotech: Fundamentals of Applied Biotechnology

SSI– Biotech is a 5-day course that will provide instruction covering the fundamentals of applied biotechnology using hands on laboratory techniques. SSI– Biotech is open to students who have finished 10th grade and up. Students who have completed SSI-I and/or SSI-II at UAB-CORD may participate (including if they are taking SSI-I/II in 2026) but participation in other SSI-I camps at UAB is not required. Research projects and experimentation include:

- ♦ Mastering standard biotechnology lab skills
- ♦ Using cutting-edge CRISPR gene editing to modify bacterial genomes
- ♦ Extraction of genomic DNA
- ♦ Seminars and interactive discussions with UAB faculty
- ♦ Applications of Biotechnology in Agriscience

One Session Offered:

July 6-10, 2026

Session Times: 9:00am to 3pm daily

Tuition Costs: This camp is offered at **No Cost**

Through an NSF EPSCoR Grant (Award #2418230)

**Applications can be found on our website at:
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Contact Us:

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