



# BioBuilder

## Summer Research Program



**WHERE STUDENTS  
BECOME SCIENTISTS**



# About our summer research program

BioBuilder emerged from MIT as a nationally recognized curriculum to teach advanced biotechnology and genetic engineering.

Summer research students will use BioBuilder content to launch independent biodesign and bioengineering projects. Taught by champion educators and PhD scientists from Harvard, Tufts, MIT, and Boston University, this program is targeted to rising 10th-12th graders who want to engineer biology to make the world a better place.



## Hands-on labs and pre-professional training

- Cell Viability Assays
- Cell Growth Quantification
- DNA purification
- Bacterial transformation
- PCR
- Sequence Analysis
- Protein Purification
- Enzymatic Assays
- In vitro transcription translation
- Lab documentation
- Data analysis
- Networking
- Resume writing
- Scientific literature
- Research Presentation

JULY 22 - AUG 2  
OR  
AUG 12 - AUG 23

2 weeks



\$3,400

limited to 24  
students

9AM to 4PM Monday -Friday, lunch provided

Rolling admission cycle, closing June 1st

**LOCATION: BioBuilder's Learning Lab in Boston's Seaport District is a fully equipped bioengineering lab and teaching space inside Ginkgo Bioworks headquarters.**

**Advance your path to college and careers in science.**

**Learn more:**



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www.biobuilder.org

