



# STEM PATHWAYS

## SUMMER UNDERGRADUATE RESEARCH EXPERIENCE (SURE)

BOSTON UNIVERSITY || JUNE 10TH - AUGUST 9TH



A broad range of topics that span multiple biological systems and scales

### Including:

- Gene Expression and Gene Circuits
- Transducing Cellular Information
- Engineered Tissues and Organs
- Biological Sensors
- Design, Build, Test Automation

Exposure to this range of topics will help the students determine which research areas they might pursue in graduate school.

### An innovative, 10-week summer research experience

STEM Pathways SURE will be a new REU site at Boston University (BU) in the field of engineering biology.

Our REU site is designed to offer a comprehensive schedule that enriches both the academic and social aspects of our students' development.

Throughout the program, students will engage in research seminars led by distinguished experts in our focus areas, which will provide valuable insights and foster intellectual growth.



To read more about program mentors, potential research projects, and to access the application head to:

[stempathways.org/stem-pathways-sure](http://stempathways.org/stem-pathways-sure)

**APPLICATIONS ARE DUE  
FEBRUARY 16TH**

STEM Pathways will inspire, mentor, and empower current and future generations of students, with a focus on underrepresented groups, to obtain academic and research experiences in the growing field of Synthetic Biology; pursue rewarding careers in computer and biomedical engineering; and influence innovations and impacts in STEM, community education, and outreach.