



STEM
PATHWAYS



STEM PATHWAYS HIGH SCHOOL TRAINING IN SYNTHETIC BIOLOGY

at Boston University

Launched in 2017, STEM Pathways has been designed to help one student, one person at a time discover their pathway through engineering biology! STEM Pathways is offering an exciting, engaging, hands-on opportunity for attendees to learn, explore, and gain confidence in STEM. **The STEM Pathways Summer Training in Synthetic Biology** is a one-day training session in a real, synthetic biology environment in partnership with the DAMP (Design | Automation | Manufacturing | Prototyping) Lab!



Learning Goals

- ❑ Understand the definition, applications, and challenges of synthetic biology
- ❑ Understand the theory behind common synthetic biology wet lab protocols
- ❑ Understand why these protocols are performed
- ❑ Understand and execute common synthetic biology wet lab protocols



Training Date

Saturday, July 14, 2018

The training schedule runs from 10 a.m. to 4 p.m. with drop-off starting at 9:30 a.m. B.Y.O.L. - Bring your own lunch or snack.



Registration Information

- Deadline to Apply: **Monday, July 2 at 10:00PM**
- Students entering 10th, 11th, or 12th grade in the Fall of 2018
- Registrants must be 16+ years or older
- Each registrant must complete the Online Application Form at <https://www.stempathways.org/engage!>
- Once selected to participate, you must email the necessary **Authorization Forms to be signed by a responsible adult** (parent or guardian) 10 days before the training. This is required because participants will be working in a state-of-the-art, research laboratory setting.
- The address for the training on the Boston University Campus will then be emailed once you are selected and all the necessary forms are sent in.



For questions, please contact Rohin at connect@stempathways.org or (617) 299-0816.