Our mission is to provide academically talented students from the Boston area an opportunity to experience science and engineering research at the University level, thus supplementing their classroom experience and preparing them for college and an exciting career in STEM.
Strategies

- **Laboratory research experiences**—working in state-of-the-art laboratories on Northeastern University campus.
- **Career/research exploration**—speak directly with Northeastern faculty about current research in science and engineering.
- **Education and career counseling**—hear from Northeastern staff, students, and YSP counselors about the various pathways available for STEM students.
- **Field trips**—discover the real-world applications of STEM by visiting local industries and organizations.
- **Experience college life**—spend your days on a year-round campus, intermingling with current Northeastern students.
- **Stipend**—earn while you learn! Students are provided a stipend to ensure that all costs during the program are covered!

Background

The Young Scholars Program at Northeastern University (1989-97) began with funding from the National Science Foundation (NSF) in response to a national shortage of qualified U.S. citizens moving into Science Technology Engineering and Mathematics (STEM) careers.

In 2004, The Noyce Foundation provided funding to reestablish the NU Young Scholars Program (NUYSP) to address a critical recommendation made in the recent national report, “Rising Above The Gathering Storm”, by providing expanded experiential learning experience in STEM for K-12 students. The program has continued with support from EMC2, Textron Systems, Louis Stokes Alliance for Minority Participation (LSAMP) and through collaborating with various research centers on campus: Bernard M Gordon Center for Subsurface Sensing and Imaging Systems (CenSSIS) and the Awareness and Localization of Explosives-Related Threats (ALERT) Center.

“The learning process and looking back on the research we had completed was one of the most rewarding aspects. At first, I knew nothing about my project but by the end, I could explain the whole project. I just really enjoyed the whole process. Even the challenges were in a way rewarding because we sat down as a group and thought of solutions to different research problems. Also, the relationships I formed were rewarding, which might sound cheesy, but almost everyone I met was really nice. All the PhD students could have gotten annoyed at having to give up their time to teach two high school students, but instead, they taught us and told us about their research. A few times they even stayed for a few extra hours to do extra tests. I liked meeting them because they are people I aspire to be like someday.”

- Program Participant