

Program Information: Think BIG UTC STEM Scholars

To solve the globe's most pressing challenges, more STEM professionals are desperately needed. So, United Technologies Corporation (UTC) is teaming up with the New York Academy of Sciences and its Global Stem Alliance to help fix the leaky STEM pipeline. We're launching an impressive new program that will transform the lives of enterprising high-school-aged students, teachers, and mentors around the world by opening their eyes to exciting opportunities in science, technology, engineering, and math (STEM). The all-virtual mentoring program will be run through a cutting edge learning platform hosting soft skill development for mentees in leadership, critical thinking, communication, and college readiness. Each student will receive customized, year-long one-on-one mentorship from a STEM professional, online coursework to help further their ambitions, and a community of peers from around the world.

Mentors in the program will:

- Motivate young people to stay in STEM fields
- Develop a strong network of STEM professionals from all over the globe
- Serve as role models for students who may not normally have access to professional advice and information
- Enhance their coaching and leadership skills
- Gain entry to career and networking opportunities
- Receive free membership to the New York Academy of Sciences and get access to its world-class network of scientists and programming

Mentees in the program will:

- Receive a personalized mentor working in the world of STEM to motivate them, give them advice, and answer their questions while guiding them through the program content
- Get help outlining their mentorship and career goals to work towards
- Gain an experience to add to their resumes that will give them an advantage when applying to college/university programs
- Develop essential 21st century skills such as leadership, critical thinking, and communication
- Have access to a global network of like-minded peers and mentors

Timeline

The timeline for the mentor application process is as follows:

- April – end of May: application is available to mentor and mentee candidates
 - Informational webinars and Q&As are able to be scheduled during this time

- April – end of May: application review, interviews, background checks (mentors)
- Throughout June: notification of acceptance and next steps provided
- June –July: mentors and mentees receive invitation to train; program content launches
- July 2017-July 2018: the UTC STEM Scholars program will host original content, engagement events, and virtual networking opportunities across its platform for all accepted participants

Questions or concerns during the application period can be sent to STEMScholars@nyas.org