



NATIONAL
STUDENT
LEADERSHIP
CONFERENCE

Biotechnology

American University, Washington, D.C.

June 6th - July 2nd, 2021

About the Job

Team Advisors guide students through their NSLC experience. Each TA is responsible for a small group of 12-16 students. As a TA, you will: lead small group discussions and debriefs, teach academic and leadership sessions, assist Administrative staff, Professors and Leadership Facilitators with program components, serve as a chaperone during off-campus trips and evening social activities, and reside in the dormitory serving as a Resident Advisor. Before applying to be a Team Advisor, please note: Team Advisors are generally current college sophomores – recent graduates. Current freshman are generally considered for the Assistant Team Advisor positions. NSLC has a primary focus on leadership development, and applicants should have experience with both biotechnology and leadership. If hired, applicants will receive a stipend as well as housing and food for the duration of the summer. NSLC will cover traveling to and from the site.

Visit our website for the job application or click on the link below: <https://www.nslcleaders.org/about-summer-youth-programs/summer-job-opportunities/>

About the National Student Leadership Conference

Since 1989, thousands of outstanding high school students from across the United States and more than 45 countries have come to the NSLC to explore the qualities of leadership and get an insider's perspective on some of today's most exciting and important professions. Over the past twenty-three years, the NSLC has created programs in law, business, medicine, engineering, education, politics, psychology, diplomacy, forensic science, and mass communication. The NSLC allows students to explore a career, experience college life and degree programs, acquire new leadership skills, make new friends, meet with leading professionals and experts, visit prominent organizations, and tour new cities.

About the Biotechnology Program

Each NSLC program is designed to help students see the vast number of careers available within their area of interest. The program's academic lectures and hands-on simulations are taught at a college freshman level. With the help of guest lecturers/speakers, the students will discuss:

- DNA Extraction & PCR
- Gene Transformation
- Fluorescent Molecular Tagging
- Neural Interfacing
- Prosthetic Design
- Predicting Protein Structures
- Genomics & Bioinformatics
- Biotechnology Enterprise & Entrepreneurship

Throughout the conference, the students will hear from guest speakers; visit and tour the city of Washington, D.C., visit places like the **Food and Drug Administration** and **GlaxoSmithKline**; participate in biotechnology labs; attend lectures; take part in a biotechnology start-up simulation; and participate in exciting leadership trainings

Guest Lectures/Speakers

We invite guest lecturers and experts to give the students an insider's perspective on careers in and issues facing the medical community. Guest speakers are given an open microphone and asked to speak on the topic(s) of their choice. We provide an "off-the-record" environment with only NSLC students and staff in attendance; we encourage our guests to share their experiences and opinions.

Trips/Tours

During each 9-day session, our students have the opportunity to visit a number of sites throughout Washington, D.C. Each year, the NSLC plans multiple academic-related field trips and site visits with departments, agencies and organizations within the metropolitan area. Visits may be as simple as a basic public tour but many organizations have worked with us to provide a guest speaker on-site and a behind-the-scenes visit. Other trips and tours are scheduled around Washington, D.C. to visit historical landmarks. Places the Biotechnology Program has visited in the past include:

- The National Institutes of Health
- The Food and Drug Administration
- GlaxoSmithKline
- Sanaria Inc.
- Historic Georgetown
- Capitol Hill and the Smithsonians
- Washington Monuments such as the Lincoln Memorial, World War II Memorial, MLK Memorial, etc.



More Information

About NSLC: <https://www.nslcleaders.org/>

About the Biotechnology Program:

<https://www.nslcleaders.org/youth-leadership-programs/biotechnology/>

Job Application: <https://www.nslcleaders.org/about-summer-youth-programs/summer-job-opportunities/>

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