

National Student Leadership Conference

Biotechnology Washington, D.C.

Program Overview & Sample Daily Schedule

The following Program Overview & Sample Daily Schedule are designed to give you a better understanding of the activities in a typical session as well as the flow of a typical day. This is a sample schedule based upon past programs. While not all sessions are exactly the same, this is reflective of the activities that take place during the program.

Day 1

- Registration
- Campus Tours
- College Credit Registration (*optional*)
- Opening Ceremony
- TA Group Orientation

Day 2

- Lecture Series: Intro to Biotechnology
- Leadership Challenge Course
- Lab Skill Workshop: Micropipetting
- Biotech Incubator Project
- Leadership Series: Personality Styles and Group Dynamics
- Social

Day 3

- Biotechnology Lab
- Lecture Series: Genetics
- Trip: Holocaust Memorial Museum
- Biotech Incubator Project
- Leadership Series: Conflict Resolution
- Social

Day 4

- Facility Visit: GlaxoSmithKline (GSK) Pharmaceuticals or Sanaria, Inc.
- Biotechnology Lab
- Lecture: Genetic Engineering
- Ethics in Biotechnology Film and Discussion
- Biotech Design Challenge: Neurotransmitters

Day 5

- Guest Speaker: Biotechnology in the Developing World
- Biotechnology Lab
- Skills Workshop: Tinkercad
- Biotech Career Expo
 - Biofuels
 - Bioinformatics
 - Biochem
- Social

Day 6

- Lecture Series: Protein Production and Purification
- Biotechnology Lab
- Trip: Capitol Hill & the Smithsonian Museum
 - U.S. Capitol
 - U.S. Supreme Court
 - Library of Congress
 - Air & Space Museum
 - American History Museum
 - Natural History Museum
 - American Art Museum
 - African American Museum
- Leadership Series: Public Speaking
- Biotech Design Challenge: Myoelectric Arm

Day 7

- Facility Visit: UMD/NIST Institute for Bioscience & Biotechnology Research
- Biotech Incubator Project
- Biotech Design Challenge: Heart Valve
- Leadership Series: Commitment in Action
- Trip: Washington at Night Tour
 - Lincoln Memorial
 - MLK Memorial
 - Jefferson Memorial
 - FDR Memorial
 - Vietnam & Korean War Memorials

Day 8

- Facility Visit: National Institutes of Health or J. Craig Venter Institute
- Trip: Historical Georgetown
- Biotech Incubator Project
- Leadership Series: Leadership Wrap-up
- College Panel
- Final Social

Day 9

- Final Presentations
- Closing Ceremony
- Final TA Group Meeting

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Sample Daily Schedule

Day 7

7:30am-8:45am	Breakfast AU Terrace Dining Room
8:30am	Board Buses
9:00am-11:30am	University of Maryland & National Institute of Standards & Technology: Institute for Bioscience & Biotechnology Research <ul style="list-style-type: none">• X-ray crystallography/Protein Characterization Lab• Cell Imaging/Manipulation• Plant Growth/Engineering <i>Professional Attire</i>
11:45am	Board Buses <i>*box lunch</i>
1:00pm-2:00pm	Biotech Incubator Project Team Meeting <i>Neat Attire</i>
2:15pm-3:30pm	Leadership Series: Commitment in Action <i>Neat Attire</i>
3:45pm-5:45pm	Biotech Design Challenge: Heart Valve <i>Neat Attire</i>
6:00pm-7:00pm	Dinner AU Terrace Dining Room
7:15pm	Board Buses
7:30pm-10:30pm	Washington Monuments at Night <ul style="list-style-type: none">• Lincoln Memorial• MLK Memorial• Jefferson Memorial• FDR Memorial• Vietnam and Korean War Memorial• Iwo Jima <i>Casual Attire w/casual walking shoes</i>
10:45pm	Floor Check