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
- Team Building Activity
- Lecture Series: Intro to Biotechnology
- 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

Day 6
- Social
- 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: Sanaria, Inc.
- 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
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
                •  X-ray crystallography/Protein Characterization Lab
                •  Cell Imaging/Manipulation
                •  Plant Growth/Engineering
                Professional Attire

11:45am                 Board Buses
                        *box lunch

1:00pm-2:00pm  Biotech Incubator Project
                Team Meeting
                Neat Attire

2:15pm-3:30pm    Leadership Series:
                Commitment in Action
                Neat Attire

3:45pm-5:45pm  Biotech Design Challenge:
                Heart Valve
                Neat Attire

6:00pm-7:00pm  Dinner
                AU Terrace Dining Room

7:15pm                 Board Buses

7:30pm-10:30pm  Washington Monuments at Night
                •  Lincoln Memorial
                •  MLK Memorial
                •  Jefferson Memorial
                •  FDR Memorial
                •  Vietnam and Korean War Memorial
                •  Iwo Jima
                Casual Attire w/casual walking shoes

10:45pm                Floor Check