

NATIONAL YOUTH LEADERSHIP FORUM: EXPLORE STEM

*2016 Sample Schedule**

Day One: Arrival of Scholars and Program Welcome

Registration and Check-in

Program Orientation

Success Skills Workshop: Goal Setting 101

Review personal expectations for the program

ACT ENGAGE Personal Skills Assessment

Day Two: Explore Engineering and Technology

Field Study Experience: Science and Technology Museum Off-Site

Participate in an interactive team project at this unique site visit

Robotics Simulation: Engineering Design Challenge

Keynote by Former NASA Astronaut

Careers in Engineering Workshops: Electrical, Computer,
Mechanical, and Civil Engineering**

Success Skills Workshop: Problem Solving and Critical Thinking**

Day Three: Explore Medicine and Technology

Keynote: Medical Skills in Action

Public Health Threat Simulation

Learn medical best practices and how to assess patients in high pressure environments as you participate in a mass casualty response simulation

Explore Public Health

Create a PSA to understand the value of public health and its impact on communities

Continued on reverse

*This sample schedule is provided as an example of the overall quality and scope of the experience offered. The 2016 specific schedule, locations, and details may be modified.

**Residential activities only.

Careers in Medicine Workshops**

Personal Success Planning Workshop: High School 101**

Explore the high school landscape and learn how to make an impact on your college applications

Day Four: Explore Environmental Science and Technology

Field Study Experience: Nature Center Visit

Explore sustainability and how our well-being depends on the natural environment with the staff of a local nature center

Sustainability Project

Create a proposal on how to use technology to make your home, school or community more sustainable

Personal Success Planning Workshop: College 101**

Map your future path to college and career success

Careers in Environmental Science Workshops**

Success Skills Workshop: Communication and Collaboration**

Day Five: Explore STEM – Mapping Your Future

Panel of Subject Matter Experts Representing Various STEM Fields

Q&A Session

Computer Gaming Workshop

Learn the basics of game design using Unity, a professional game development platform

Personal Success Planning Workshop**

Finalizing your plan

Day Six: Farewell and Departure

Final Group Meetings

Looking Forward: Closing Address and Certificate Presentation

Departures