

NATIONAL YOUTH LEADERSHIP FORUM: EXPLORE STEM

*2015 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 & 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

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

Success Skills Workshop: Creativity and Critical Thinking

Day Three: Explore Medicine & 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 the mass casualty response simulation.

Careers in Medicine Workshops

Explore Public Health

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

Personal Success Planning Workshop: High School 101

Learn the high school landscape and how to make an impact on your college admissions

*This sample schedule is provided as an example of the overall quality and scope of the experience offered. The 2015 specific schedule, locations and details may be modified.

Day Four: Explore Environmental Science & 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

Careers in Environmental Science Workshops

Sustainability Project

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

Success Skills Workshop: Communication and Collaboration

Personal Success Planning Workshop: College 101

Map your future path to college and career success

Day Five: Explore STEM – Mapping Your Future

Panel of Subject Matter Experts Representing Various STEM Fields

Q&A Session

Real-World Simulation

Take on the role of an engineer, public health official or scientist to address a growing concern in a town or community

Personal Success Planning Workshop

Finalizing your plan

Day Six: Farewell and Departure

Final Group Meetings

Looking Forward: Closing Address and Certificate Presentation

Departures