



# National Youth Leadership Forum: Explore STEM Alumni

**Villanova University**

**July 21-July 26, 2019**

**\*\*Schedules are subject to change. Each Immersion Experience operates on a rotational basis. As a result, your scholar may experience some of these activities at different times during the week however, all content will remain the same.**

## Sunday, July 21, 2019

<b>1:00 PM-4:00 PM</b>	<b>Registration</b> Location: Connelly Center
<b>4:00 PM-5:00 PM</b>	<b>Introductions</b> <i>First group meeting.</i> Location: Classroom
<b>5:00 PM-6:15 PM</b>	<b>SEL #1</b> Location: Classroom
<b>6:30 PM-7:15 PM</b>	<b>Dinner</b> Location: Dining Hall
<b>7:30 PM-8:30 PM</b>	<b>Keynote Address</b> <i>Alumni Welcome.</i>
<b>8:45 PM-9:30 PM</b>	<b>On Floors</b> <i>Scholars use this time to socialize and get ready for lights out.</i> Location: Dorms
<b>9:30 PM</b>	<b>Room Check</b> <i>Advisors provide details for next day before sending scholars to bed.</i> Location: Dorms

## Monday, July 22, 2019

<b>7:30 AM</b>	<b>Reverse Room Check</b> <i>Scholars are picked up by advisors who room checked them the night prior and taken to breakfast.</i> Location: Dorms
<b>7:45 AM-8:30 AM</b>	<b>Breakfast</b> Location: Dining Hall
<b>9:00 AM-10:00 AM</b>	<b>Immersion Experience</b> Location: Materials Lab
<b>10:15 AM-11:15 AM</b>	<b>Academy: Prepare for Landing</b> <i>Scholars form project groups and collaborate to plan for successful colonization of Mars.</i> Location: Classroom
<b>11:30 AM-12:15 AM</b>	<b>Lunch</b> Location: Dining Hall
<b>12:00 PM-12:45 PM</b>	<b>Academy: Combined 1</b> <i>Scholars identify potential roadblocks in the colonization of Mars.</i> Location: Classroom
<b>1:00 PM-2:45 PM</b>	<b>Academy: Strand Choice Part 2</b> Location: Classroom

**1:00 PM-4:00 PM**

### **Academy: Explore Strand Choice**

*Scholars are introduced to curriculum in the strand choice they've selected.*  
Location: Classroom

**4:15 PM-6:15 PM**

### **Academy: Combined 2**

*Scholars learn how to film a documentary and participate in mock interviews.*  
Location: Classroom

**6:30 PM-7:15 PM**

### **Dinner**

Location: Dining Hall

**7:30 PM-8:30 PM**

### **SEL #2**

Location: Classroom

**8:30 PM-9:30 PM**

### **On Floors**

Location: Dorms

**9:30 PM**

### **Room Check**

Location: Dorms

## Tuesday, July 23, 2019

**7:30 AM**

### **Reverse Room Check**

*Scholars are picked up by advisors who room checked them the night prior and taken to breakfast.*  
Location: Dorms

**7:45 AM-8:30 AM**

### **Breakfast**

Location: Dining Hall

**9:00 AM-11:00 AM**

### **Immersion Experience**

Location: CAVE

**11:15 AM-11:45 AM**

### **Immersion Experience Debrief**

Location: Classroom

**12:00 PM-12:45 PM**

### **Lunch**

Location: Dining Hall

**1:00 PM-3:30 PM**

### **Lab: Strand Choice Part 1**

*Scholars are brainstorming their projects within the groups they formed in their first group meeting.*  
Location: Classroom

**3:45 PM-6:15 PM**

### **Lab: Strand Choice Part 2**

*Scholars continue to further develop their projects.*  
Location: Classroom

**6:30 PM-7:15 PM**

### **Dinner**

Location: Dining Hall

**7:30 PM-8:30 PM**

### **SEL #3**

Location: Classroom

**8:30 PM-9:30 PM**      **On Floors**  
Location: Dorms

**9:30 PM**      **Room Check**  
Location: Dorms

### Wednesday, July 24, 2019

**7:30 AM**      **Reverse Room Check**  
*Scholars are picked up by advisors who room checked them the night prior and taken to breakfast.*  
Location: Dorms

**7:45 AM-8:30 AM**      **Breakfast**  
Location: Dining Hall

**8:45 AM-1:00 PM**      **Immersion Experience**  
*Scholars are attending a presentation on Robotic Surgery by Dr. Lee followed by lunch at the Hard Rock Cafe in downtown Philadelphia.*  
Location: Off-site

**1:45 PM-4:00 PM**      **Lab: Combined #1**  
*Scholars create an outline for their documentary.*  
Location: Classroom

**4:15 PM-6:15 PM**      **Lab: Combined #2**  
*Scholars use CAD to design prototypes.*  
Location: Classroom

**6:30 PM-7:15 PM**      **Dinner**  
Location: Dining Hall

**7:30 PM-8:30 PM**      **SEL #4**  
Location: Classroom

**8:30 PM-9:30 PM**      **On Floors**  
Location: Dorms

**9:30 PM**      **Room Check**  
Location: Dorms

### Thursday, July 25, 2019

**7:30 AM**      **Reverse Room Check**  
*Scholars are picked up by advisors who room checked them the night prior and taken to breakfast.*  
Location: Dorms

**7:45 AM-8:30 AM**      **Breakfast**  
Location: Dining Hall

**9:00 AM-9:30 AM**      **Immersion Experience**  
*Scholars break the concrete they created at their first visit.*  
Location: Materials Lab

**9:45 AM-11:30 AM**      **Lab: Combined #3**  
*Scholars work to finalize their prototypes.*  
Location: Classroom

**11:30 AM-12:15 PM**      **Lunch**  
Location: Dining Hall

**1:00 PM-2:00 PM**      **Immersion Experience**  
*Martian Soil Lab*  
Location: Lecture Room

**2:15 PM-4:15 PM**      **Lab: Combined #4**  
*Scholars finalize their documentaries.*  
Location: Classroom

**4:45 PM-6:15 PM**      **Arena Preparation**  
*This is the last meeting scholars will have to work within their groups to finalize their projects prior to presenting them tomorrow morning.*  
Location: Classroom

**6:30 PM-7:15 PM**      **Dinner**  
Location: Dining Hall

**7:30 PM-8:30 PM**      **Ice Cream Social**  
Location: Dorms

**8:30 PM-9:30 PM**      **On Floors**  
Location: Dorms

**9:30 PM**      **Room Check**  
Location: Dorms

### Friday, July 26, 2019

**7:15 AM**      **Room Check Out**  
*Scholars will remove all items from their dorms to luggage storage.*  
Location: Dorms

**7:45 AM-8:30 AM**      **Breakfast**  
Location: Dining Hall

**9:00 AM-10:30 AM**      **Arena: Presentations**  
*Scholars share their final projects with their peers.*  
Location: Villanova Room

**10:30 AM**      **Scholar Check Out**  
Location: Connelly Center

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