



National Youth Leadership Forum: Pathways to STEM

Babson College

June 27-July 02, 2021

Sunday, June 27, 2021

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| 3:00 PM-5:00 PM | Venue Check-In, Program Registration, Scholar Activities |
| 5:00 PM-6:00 PM | Scholar Welcome to Pathways to STEM |
| 6:00 PM-7:00 PM | Dinner |
| 7:00 PM-8:00 PM | Evening Team Time |
| 8:00 PM-8:30 PM | Hall Meeting |
| 8:30 PM-9:30 PM | Dorm Time |
| 9:30 PM | Room Check |
| 9:45 PM | Lights Out |

Monday, June 28, 2021

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|-------------------|--|
| 7:30 AM-7:45 AM | Scholar Pick-Up |
| 7:45 AM-8:30 AM | Breakfast |
| 8:30 AM-9:30 AM | Welcome to NYLF: Pathways to STEM |
| 9:30 AM-9:45 AM | Leadership <i>Goal Setting</i> |
| 9:45 AM-10:30 AM | Leadership <i>Emotional Awareness</i> |
| 10:45 AM-12:00 PM | CSI <i>Intro to CSI: Powdery Substances</i> |
| 12:00 PM-1:00 PM | Lunch |
| 1:00 PM-2:00 PM | Leadership <i>Building a Team</i> |
| 2:00 PM-3:00 PM | Recreation Time |
| 3:00 PM-3:10 PM | Snack Break |
| 3:10 PM-4:05 PM | Medicine (B) <i>Intro to Medicine: Emergency Medicine</i> |
| 3:10 PM-4:25 PM | Engineering (A) <i>Intro to Engineering: Building your mBot</i> |
| 4:10 PM-5:25 PM | Engineering (B) <i>Intro to Engineering: Building your mBot</i> |

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| 4:30 PM-5:25 PM | Medicine (A) <i>Intro to Medicine: Emergency Medicine</i> |
| 5:25 PM-5:45 PM | Daily Debrief |
| 6:00 PM-7:00 PM | Dinner |
| 7:00 PM-8:00 PM | Evening Team Time |
| 8:00 PM-8:15 PM | Hall Meeting |
| 8:15 PM-9:00 PM | Dorm Time |
| 9:00 PM | Room Check |
| 9:30 PM | Lights Out |

Tuesday, June 29, 2021

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|-------------------|--|
| 7:30 AM-7:45 AM | Scholar Pick-Up |
| 7:45 AM-8:30 AM | Breakfast |
| 8:30 AM-9:15 AM | Leadership <i>Communication</i> |
| 9:15 AM-10:30 AM | Medicine (A) <i>Creating a Model Lung</i> |
| 9:15 AM-10:30 AM | Engineering (B) <i>Introduction to Programming</i> |
| 10:35 AM-11:50 AM | Engineering (A) <i>Introduction to Programming</i> |
| 10:35 AM-11:50 AM | Medicine (B) <i>Creating a Model Lung</i> |
| 11:50 AM | Group Photo <i>STEM Group Rotations</i> |
| 12:00 PM-1:00 PM | Lunch |
| 1:00 PM-2:00 PM | CSI <i>Blood Drop Replication</i> |
| 2:00 PM-3:00 PM | Recreation Time |
| 3:00 PM-3:15 PM | Snack Break |
| 3:15 PM-4:00 PM | Presentations <i>Prep and Practice</i> |
| 4:10 PM-5:20 PM | STEM Challenge <i>Building Amusement Park Rides</i> |
| 5:20 PM-5:45 PM | Daily Debrief |

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|-----------------|-------------------|
| 6:00 PM-7:00 PM | Dinner |
| 7:00 PM-8:00 PM | Evening Team Time |
| 8:00 PM-8:15 PM | Hall Meeting |
| 8:15 PM-9:00 PM | Dorm Time |
| 9:00 PM | Room Check |
| 9:30 PM | Lights Out |

Wednesday, June 30, 2021

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|-------------------|--|
| 7:30 AM-7:45 AM | Scholar Pick-Up |
| 7:45 AM-8:30 AM | Breakfast |
| 8:30 AM-9:15 AM | Leadership <i>Collaboration</i> |
| 9:15 AM-10:30 AM | Medicine (A) <i>Calf Heart Dissection</i> |
| 9:15 AM-10:30 AM | Engineering (B) <i>mBot Programming Mission</i> |
| 10:30 AM-10:45 AM | Team Builder |
| 10:45 AM-12:00 PM | Engineering (A) <i>mBot Programming Mission</i> |
| 10:45 AM-12:00 PM | Medicine (B) <i>Calf Heart Dissection</i> |
| 12:00 PM-1:00 PM | Lunch |
| 1:00 PM-2:00 PM | CSI <i>Blood Drop Analysis</i> |
| 2:00 PM-3:00 PM | Recreation Time |
| 3:00 PM-3:15 PM | Snack Break |
| 3:15 PM-4:00 PM | Presentations <i>Prep and Practice</i> |
| 4:10 PM-5:20 PM | STEM Challenge <i>Building Amusement Park Rides</i> |
| 5:20 PM-5:45 PM | Daily Debrief |
| 6:00 PM-7:00 PM | Dinner |
| 7:00 PM-8:00 PM | Evening Team Time |
| 8:00 PM-8:15 PM | Hall Meeting |
| 8:15 PM-9:00 PM | Dorm Time |
| 9:00 PM | Room Check |
| 9:30 PM | Lights Out |

Thursday, July 01, 2021

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|-------------------|--|
| 7:30 AM-7:45 PM | Scholar Pick-Up |
| 7:45 AM-8:30 AM | Breakfast |
| 8:30 AM-9:15 AM | Leadership <i>Critical Thinking</i> |
| 9:15 AM-10:30 AM | Medicine (A) <i>Diagnosing Snakebites</i> |
| 9:15 AM-10:30 AM | Engineering (B) <i>Building Bridges</i> |
| 10:30 AM-10:45 AM | Team Builder |
| 10:45 AM-12:00 PM | Engineering (A) <i>Building Bridges</i> |
| 10:45 AM-12:00 PM | Medicine (B) <i>Diagnosing Snakebites</i> |
| 12:00 PM-1:00 PM | Lunch |
| 1:00 PM-2:00 PM | CSI <i>Analyzing Fingerprints</i> |
| 2:00 PM-3:00 PM | Recreation Time |
| 3:00 PM-3:15 PM | Snack Break |
| 3:15 PM-4:00 PM | Presentations <i>Prep and Record</i> |
| 4:10 PM-5:20 PM | STEM Challenge <i>Building Amusement Park Rides</i> |
| 5:20 PM-5:45 PM | Daily Debrief |
| 6:00 PM-7:00 PM | Dinner |
| 7:00 PM-8:00 PM | Evening Team Time |
| 8:00 PM-8:15 PM | Hall Meeting |
| 8:15 PM-9:00 PM | Dorm Time |
| 9:00 PM | Room Check |
| 9:30 PM | Lights Out |

Friday, July 02, 2021

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|------------------|---|
| 7:30 AM-7:45 AM | Scholar Pick-Up |
| 7:45 AM-8:30 AM | Breakfast |
| 8:30 AM-9:15 AM | Leadership <i>Goal Setting</i> |
| 9:15 AM-10:30 AM | Presentations <i>Prep & Record</i> |

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| 10:30 AM-10:45 AM | Team Builder |
| 10:45 AM-11:45 AM | STEM Challenge <i>Building Amusement Park Rides</i> |
| 11:45 AM-12:30 PM | Lunch |
| 12:45 PM-1:45 PM | STEM Challenge <i>Amusement Park Showcase</i> |
| 1:45 PM-2:30 PM | Program Celebration |
| 2:30 PM | Program Departure |

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