

# MUSC High School Teen Science Ambassador Program

## Schedule

*This schedule is tentative and may be subject to change*

Lesson	Focus	Activity
<p><b><u>Dates: 5/1 – 5/17</u></b> Onboarding meetings with the Ambassadors and a guardian <i>Zoom Meeting</i></p>	<p>Our team will meet with each Ambassador and one of their guardians to discuss the program and onboarding process. We will ask our families to submit the student's W9 and direct deposit authorization forms at that time. Our team estimates the meetings will take 45-60 minutes each.</p>	<p>During the meeting, the student will complete the following forms:</p> <ul style="list-style-type: none"> <li>• MUSC Minor Guidelines</li> <li>• Ambassador Code of Conduct and Technology</li> <li>• Social Media Release</li> <li>• Transportation</li> </ul>
<p><b><u>Date: 7/26</u></b> Orientation Day <i>10 am – 2pm at MUSC</i></p>	<p>Orientation day is the Ambassadors' first on-campus experience with our program. Our goal is to connect the Ambassadors and our program team.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Program headshots</li> <li>• TB appointment</li> <li>• Submit MUSC application</li> <li>• Program pre-assessments</li> <li>• <u>PBS Storymaker's Research and understanding activity</u></li> </ul>
<p><b><u>Date: 8/29</u></b> Exploring the Medical University of South Carolina <i>4 – 6pm at MUSC</i></p>	<p>Our mentor families (Senior Mentors, Near-peer Mentors, and Ambassadors) will explore the Medical University of South Carolina campus. We want our students to become more acquainted with the campus and strengthen intracohort bonds.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Mentor family activity</li> <li>• MUSC scavenger hunt</li> </ul>
<p><b><u>Date: 9/5</u></b> Learning more about alcohol, substance use, and the teen brain <i>4 – 6pm at MUSC</i></p>	<p>Our team's research focuses on adolescent development, substance use, and effective treatment programs. In this session, the students will learn more about the structure and function of the brain, how alcohol and substances impact the brain, and how early substance use can affect the teen brain. The students will be able to view a real-life healthy brain.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Alcohol, substance use, and the teen brain talk</li> <li>• Mentor-Mentee time</li> </ul>
<p><b><u>Date: 9/12</u></b></p>	<p>Neuroimaging is a critical approach to studying the structure and function of the brain. We will continue to</p>	<p>During this session, the students will complete the following:</p>

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<p>Visiting the Center for Biomedical Imaging (CBI) at the Medical University of South Carolina <i>4 – 6pm at MUSC</i></p>	<p>build on the concepts introduced in session 2. Our center supports two MRI systems available to the MUSC research community. The students will view our mock scanner room and interact with our neuroscience models.</p>	<ul style="list-style-type: none"> <li>• CBI tour</li> <li>• Neuroscience models</li> <li>• Mentor-Mentee time</li> </ul>
<p><b><u>Date: 9/19</u></b> Growing as an Ambassador <i>4 – 6pm at MUSC</i></p>	<p>At the close of this semester, each Ambassador will present at the MUSC Teen Science Ambassador Research Day poster session. To prepare our students for this event, we will help them grow their presentation skills. We want to help our students feel confident at graduation. Moreover, we will celebrate and encourage the racial, cultural, and gender identities of all of our students. In doing so, we hope to empower them to show their most confident selves to the world.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Growing as an Ambassador training</li> <li>• Mentor-Mentee time</li> </ul>
<p><b><u>Date: 9/26</u></b> Navigating the world as a person from a diverse background <i>4 – 6pm at MUSC</i></p>	<p>Through this conversation, we will navigate real and honest obstacles facing people from diverse backgrounds. Our discussion will be through the lens of working as a STEM professional but applies to our Ambassadors holistically. The panelists guiding us through this experience will share racial, cultural, and gender identities with our students.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Diversity, Equity, &amp; Inclusion Panel</li> <li>• Mentor-Mentee time</li> </ul>
<p><b><u>Date: 10/3</u></b> Discovering ways to finance and prepare for careers in alcohol and substance research <i>4 – 6pm at MUSC</i></p>	<p>Many of our Ambassadors express an interest in continuing their education after high school. We will host a college panel to connect the students with current and past college graduates. The panelist featured will share racial, cultural, and gender identities with our students. We hope the conversation encourages the students that there are multiple career pathways and ways to help pay for their educational interests.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• College Panel</li> <li>• Mentor-Mentee time</li> </ul>

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<p><b><u>Date: 10/10</u></b> Spotlighting unique career pathways to alcohol and substance research <i>4 – 6pm at MUSC</i></p>	<p>We hope to increase our students' research career awareness and self-identification as STEM professionals through our research spotlight series. The researchers featured will share racial, cultural, and gender identities with our students. In doing so, we hope the students see themselves represented in the field and cultivate a sense of belonging. Also, we will highlight the importance of supporting and advocating for diversity, equity, inclusion, and access to STEM careers.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Diversity in Research Spotlight</li> <li>• Mentor-Mentee time</li> </ul>
<p><b><u>Date: 10/17</u></b> Preparing for Research Day <i>4 – 6pm at MUSC</i></p>	<p>We want to ensure that our students have ample time to prepare for their research poster and presentation. The students will work alongside their mentors (Senior and Near-peer) to support their posters.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Cohort Teambuilder</li> <li>• Mentor-Mentee time</li> </ul>
<p><b><u>Date: 10/24</u></b> Practicing for Research Day <i>4 – 6pm at MUSC</i></p>	<p>Ambassadors will practice for their poster session during a complete run of show for our graduation ceremony and research day. Finally, our Near-peer mentors will also rehearse for the graduation ceremony.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Practice for Research Day Poster Session</li> <li>• Graduation Ceremony Rehearsal</li> </ul>
<p><b><u>Date: 10/31</u></b> No Meeting <i>Halloween</i></p>	<p>Although, we won't meet in person this week. We will connect with our students through Google Classroom. Ambassadors can reach out if they have questions as they prepare for graduation the following week.</p>	
<p><b><u>Date: 11/7</u></b> Presenting at Research Day <i>5 – 7pm at MUSC</i></p>	<p>This session marks our graduation and research day program. With great happiness, our team is excited to celebrate our Ambassadors, Near-peer mentors, and Senior mentors for the fantastic work they accomplished this semester.</p>	<p>During this session, the students will complete the following:</p> <ul style="list-style-type: none"> <li>• Graduation Ceremony</li> <li>• Research Day Poster Session</li> </ul>

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<p><b>Date: 11/14</b> Completing post- program activities <i>4 – 6pm at MUSC</i></p>	<p>Students will participate in a focus group with our external evaluation team. Additionally, they complete their post-assessment surveys.</p>	
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