Moving West Virginia Forward Through Improved STEM Education

Health Sciences & Technology Academy
HSTA Students

- 37% African American
- 46% Financially disadvantaged
- 68% First in their families to go to college
- 69% Female
- 75% Rural
- 9th-12th Graders
Structure and Flow

- Summer Camp 9th Graders
- Summer Camp 10th Graders
- Summer Camp 11th Graders
- Summer Camp 12th Graders

9th-12th grade afterschool clubs led by teachers

- Science Projects
- Annual Symposium
- Community Service

College
SEVEN R’S

• REWARD
• RECREATION
• RELATIONSHIPS
• RESEARCH
• RELEVANCE
• RIGOR
• REPETITION

Emme Chapman Jackson, M.D. Surgeon
Community Centric Infrastructure

- Community Based Organization
  - 159 Volunteer Board Members
- 800 9th-12th grade students in 48 high schools
- 70 teachers
- 14 Field Site Coordinators
- 4 Community Research Associates
- Scientists
College Graduate with STEM Majors

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<th>Percent</th>
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<tr>
<td>HSTA</td>
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