The Health Sciences and Technology Academy in West Virginia and Alabama
What Is HSTA?

A community-university partnership that increases the number of underrepresented high school students who go on to pursue degrees in the health sciences
• On-campus residential summer camps
• Weekly after-school clubs
• Annual community-based research projects
• Tuition waiver for graduates in WV

4 years of college prep for high school students in WV and AL

• STEM-M focus in WV
• Nursing science focus in AL
• Community led
• Predictive evaluation
Our Students Are . . .

- African American
- First-generation to college
- Financially disadvantaged
- Rural
- Female
WV "Kids'" Academic Success

- 3,318 Program Grads
- Versus 50% of general-population WV entrants
- Versus 58% of WV high school graduates
- 86% four-year-plus degree
- 99% college attendance
WV “Kids’” Academic Success

49% ENTER HEALTH CAREER MAJORS

61% ENTER STEM MAJORS

VS 12% ENTERING STEM FIELDS NATIONALLY
HSTA-Alabama: 3 Years, Not 30

- 2 counties, 5 high schools, 47 students
  - Community boards
  - Teachers and staff
  - Summer camps
  - After-school clubs
  - Evaluation
  - 81% student retention
- Funded by NIH NIGMS SEPA
Further Expansion

Model replication with local adaptation

Strength through collaboration

Growth of the HSTA family
The Role of HSTA Hatch

Training

Data-collection interface

Coaching

Annual summative evaluation

Collaboration
Benefits to . . .

- Populations underrepresented in healthcare
- Medically underserved communities
- Sponsoring universities
- The nation
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