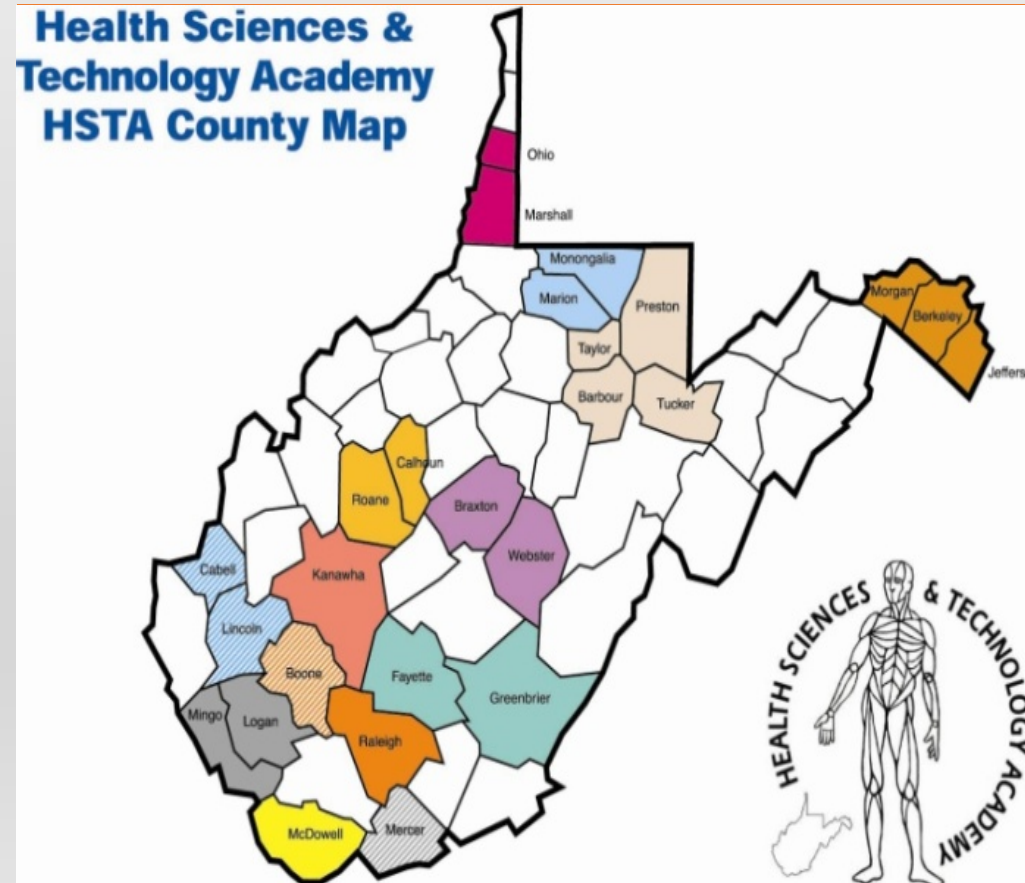


Moving West Virginia Forward Through Improved STEM Education

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



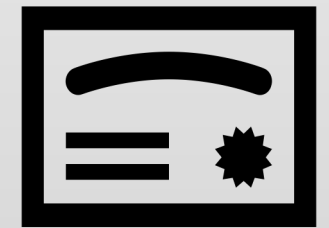
Structure and Flow

*Summer
Camp
9th
Graders*

*Summer
Camp
10th
Graders*

*Summer
Camp
11th
Graders*

*Summer
Camp
12th
Graders*



College

9th -12th grade afterschool clubs led by teachers

Science
Projects

Annual
Symposium

Community
Service



Theron,
EMT

Ginny,
Teacher

Crystal,
Family Physician

Laura,
Chemist

Natalie,
Veterinarian

Emme,
Surgeon

Jennifer,
Teacher



SEVEN R'S

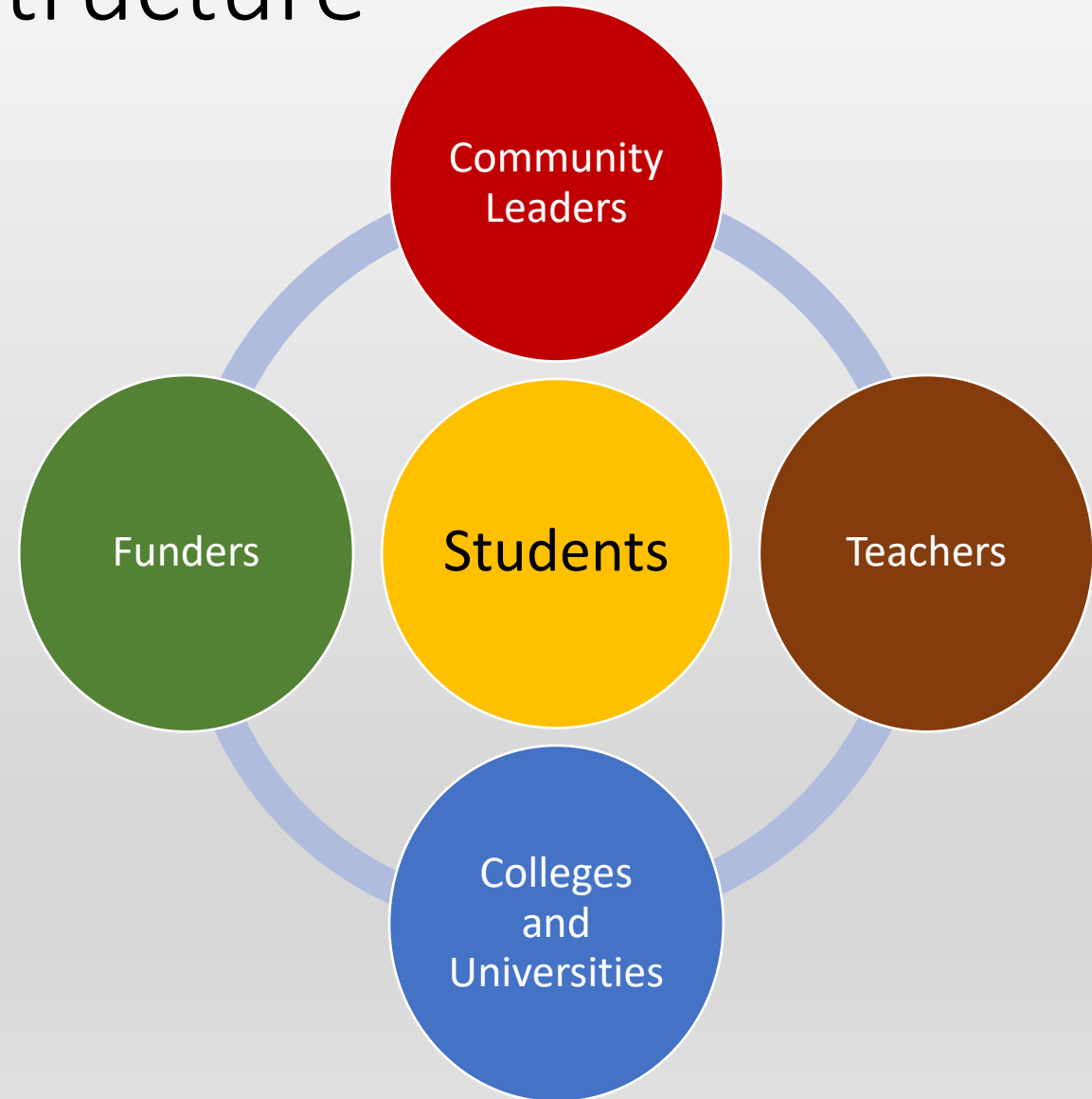
- REWARD
- RECREATION
- RELATIONSHIPS
- RESEARCH
- RELEVANCE
- RIGOR
- REPETITION



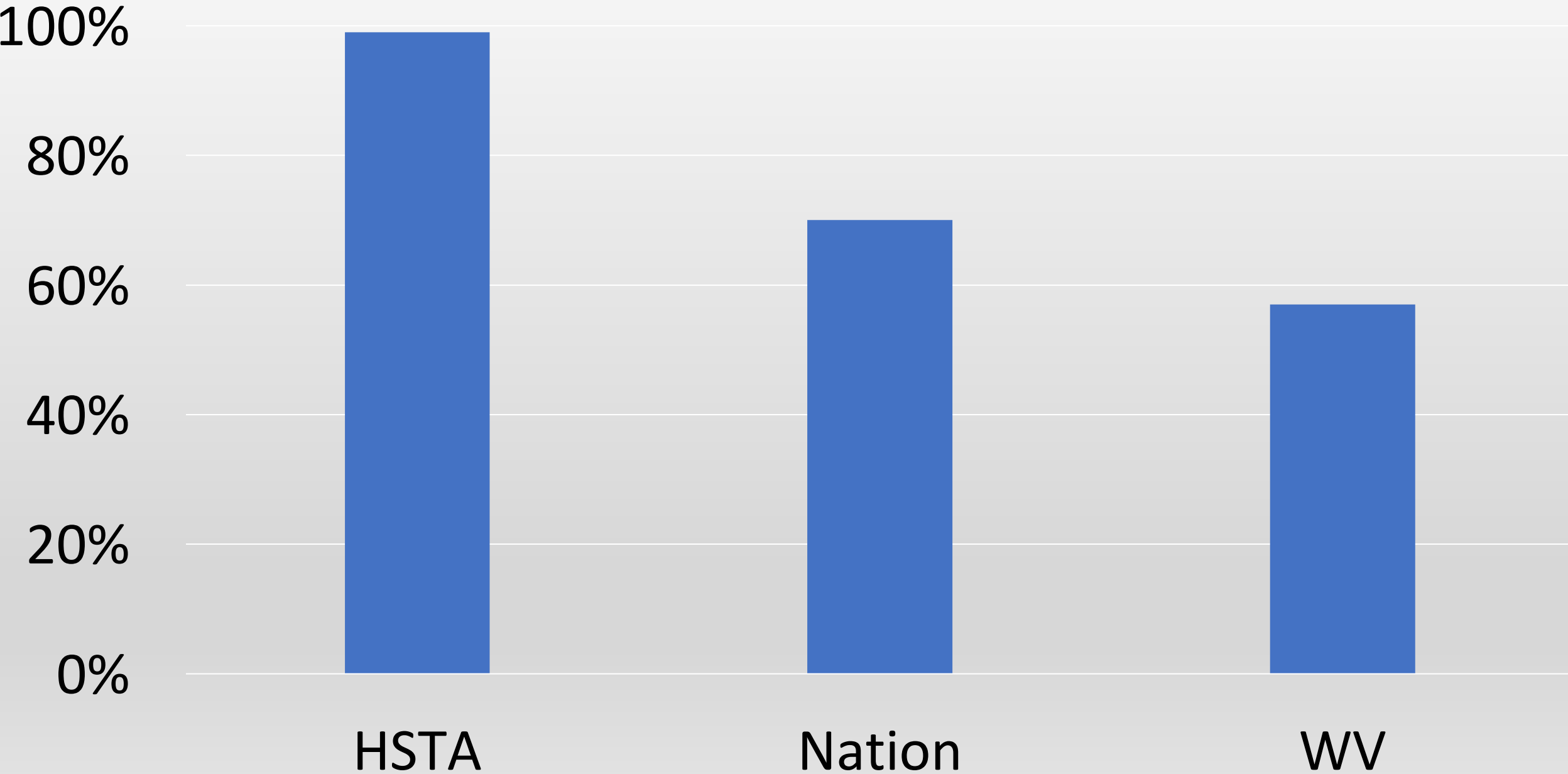
Emme Chapman Jackson,
M.D. Surgeon

Community Centric Infrastructure

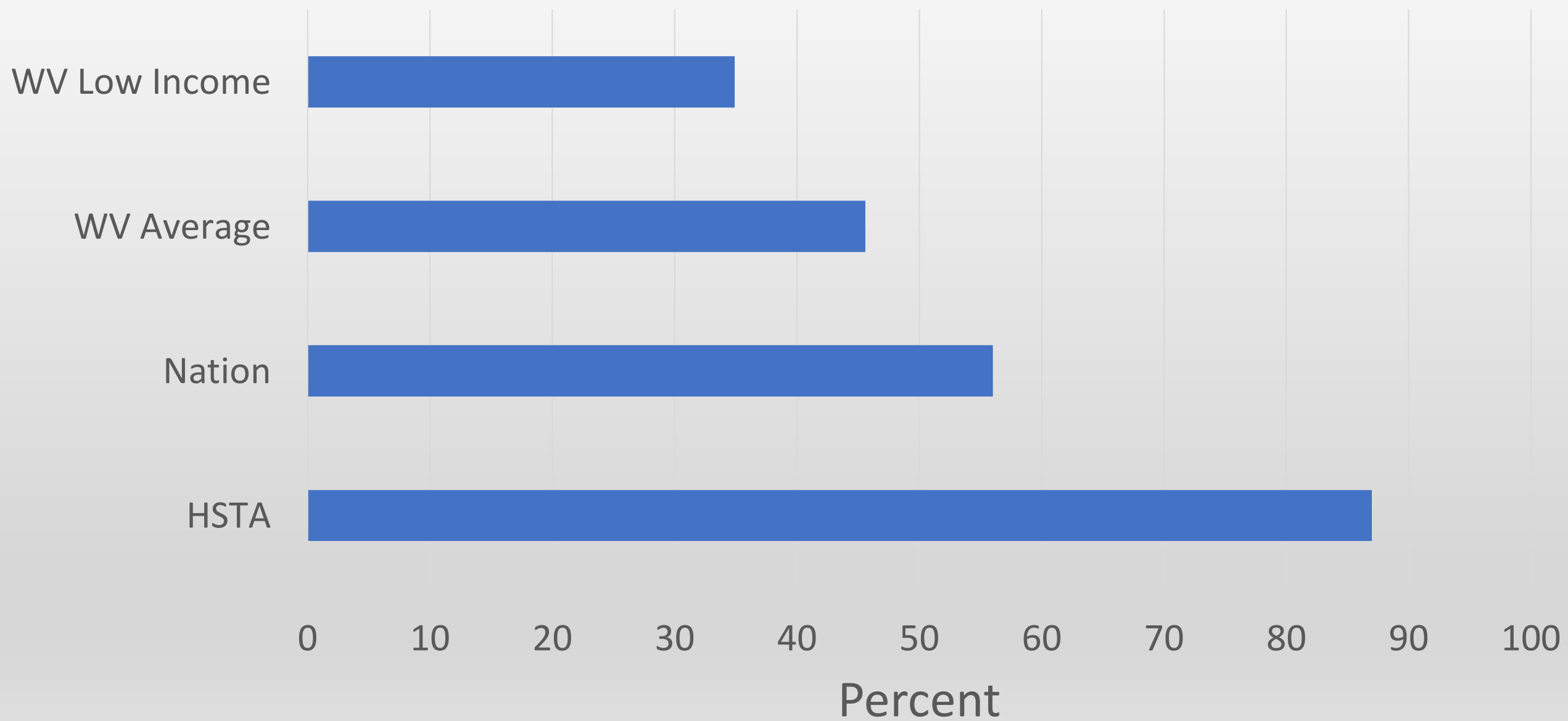
- Community Based Organization
 - 159 Volunteer Board Members
- 800 9th -12th grade students in 48 high schools
- 70 teachers
- 14 Field Site Coordinators
- 4 Community Research Associates
- Scientists



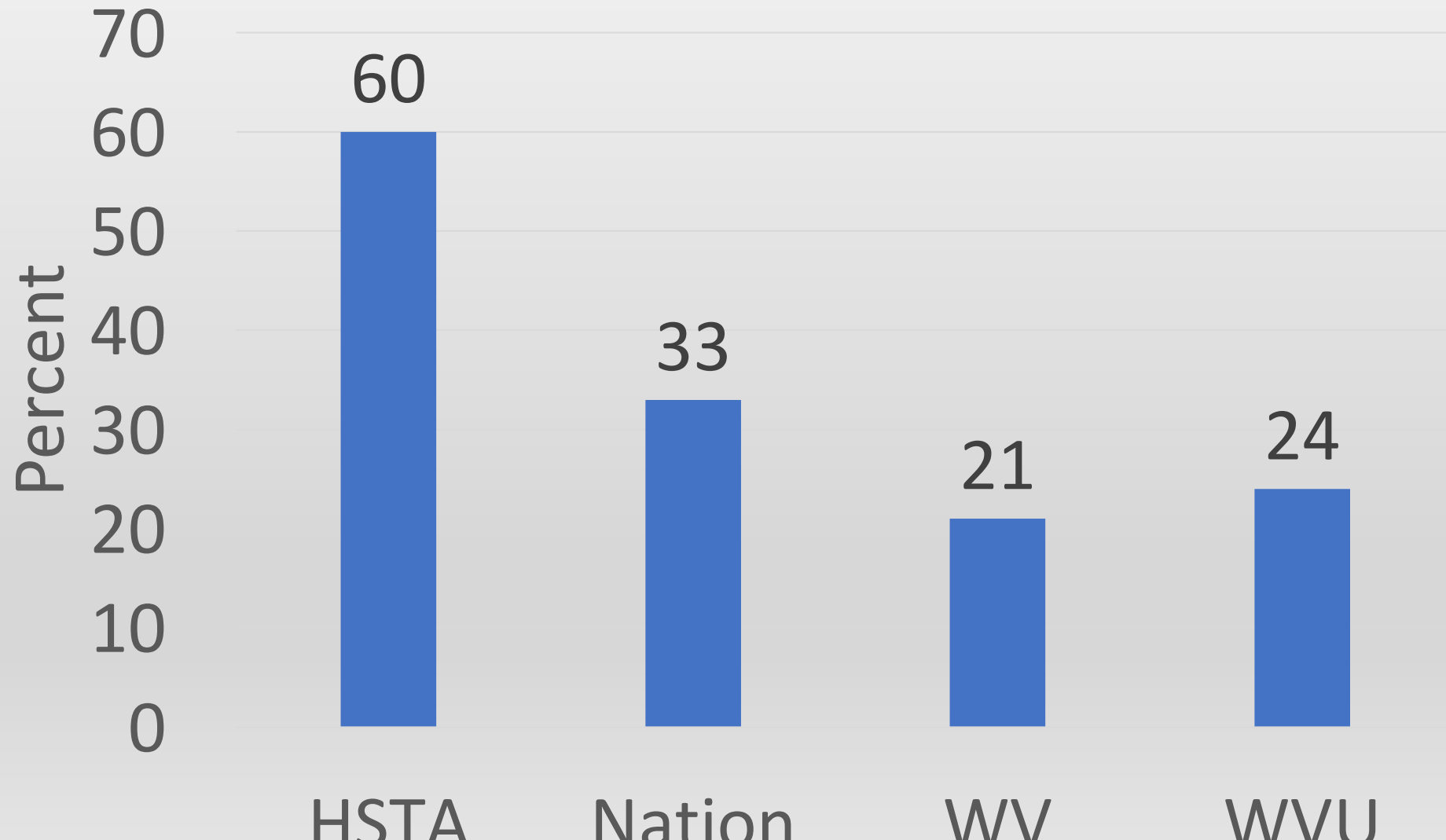
College Attendance Rate



Graduation Rates (6 years)



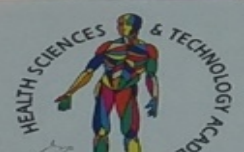
College Graduate with STEM Majors





Say NO To
Prescription Drug
Abuse... Say YES To...

Say NO To
Prescription Drugs



Date: *July 17, 2015*



Natalie Fraley, DVM
Owner, Middletown Animal Clinic

Lindsay McIntosh JD, Assistant General
Counsel
WV Dept of Health and Human Services



Kristafer Adkins, MS, Assistant Professor
WVU School of Dentistry

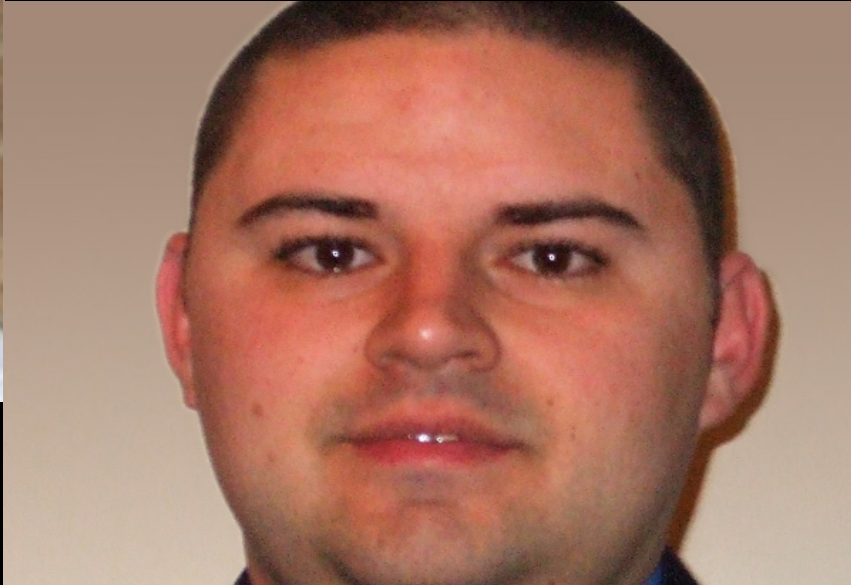


Summer Kuhn, MPH
HSTA Community Research Leader



Andrew McDavid
Co-owner, A&M Properties &
Investments

Kristafer Adkins, MS, Assistant Professor
WVU School of Dentistry



Stephanie Tyree JD
Executive Director,
WV Community Development Hub