HSTA Students Wage War on Obesity

Supported by WV State Legislature, National Institutes of Health –National Center for Research Resources – Science Education Partnership Award, Howard Hughes Medical Institute, and others.

The Health Sciences and Technology Academy (HSTA) seeks:
To help students who wouldn't ordinarily think about college and health/science careers go to college and successfully matriculate in those careers.

Community Based Participatory Science

Access to Science & Health Care Education

Community Wellness

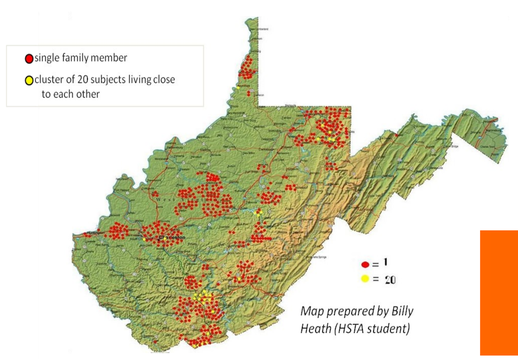
Introduction: Partnering with University Researchers in an IRB Approved Study HSTA Students Engaged in Community Based Participatory Research of Obesity and its Related Diseases in Their Families and Communities.

Conclusion: Students Became CBPR Researchers Learned Ethics and The Importance of Community Outreach

Conclusion: Researchers and Scientists Found a Previous Untapped Resource for Gathering Data and Educating Underrepresented Communities

Conclusion: Student Researchers Found an Obesity Rate of **50%** Already in West Virginia's Youth and Their Families, and Up to **50%** of the Morbidly Obese Subjects over 30 have Type II Diabetes

Conclusion: Students have Designed and are Staging Lifestyle Interventions for Themselves and their Communities. These Focus on Healthcare and Obesity Education Diet and Exercise

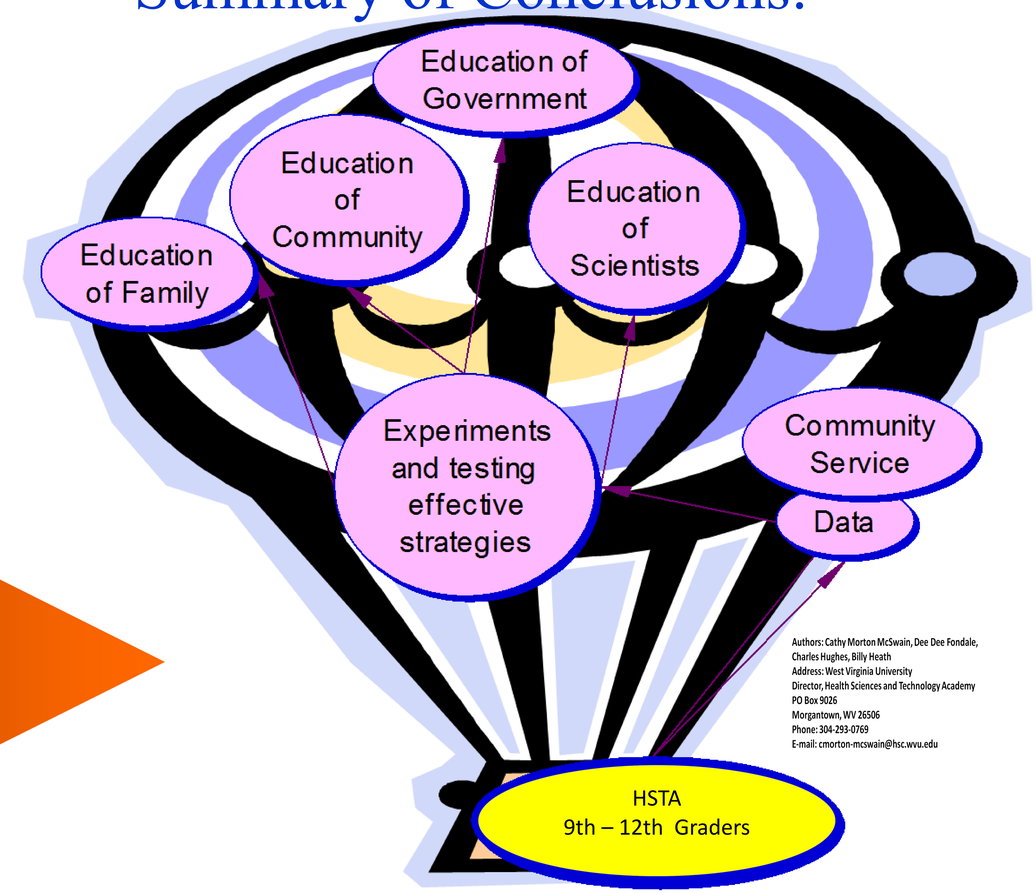


Map prepared by Billy Heath (HSTA student)

A Google map with overlay of the geographic home location of 989 study participants recruited into an obesity: diabetes prevalence in a Community Based Participatory Research project by HSTA students.

November 9-11, 2010
Global Obesity Summit
University of Mississippi Medical Center

Summary of Conclusions:



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