ROLLING BONES MOBILE HEALTHCARE TRAINING PROGRAM LAUNCHED IN HIGH SCHOOLS TO EDUCATE AND DRIVE INTEREST IN SCIENCE AND HEALTHCARE FIELDS

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PROBLEM/NEEDS ASSESSMENT
Addressing future healthcare needs
• Healthcare workforce shortage continues to worsen with a projected 20,000 deficit of primary care physicians by 2025
• Demand for healthcare professionals has created career opportunities focused on the importance of Science, Technology, Engineering, and Math (STEM) training

PROGRAM OBJECTIVES
As s STEM pipeline initiative
• Emphasize the importance of STEM training to drive healthcare and health science career interests
• Encourage healthy lifestyle choices

PROGRAM DESCRIPTION
Students from 13 high schools gained hands-on experience
• Examining human hearts, lungs, and brains
• Learning cardiopulmonary resuscitation
• Correlating the dangers associated with behaviors related to smoking, vaping, and diet
• Seeing various STEM/healthcare professionals in action
• Discussing career opportunities related to healthcare/health sciences

KEY FINDINGS
When surveyed
• Females had a statistically significantly higher likelihood of pursuing a career in healthcare compared to their male counterparts (female = 3.32 ± 0.99; male = 2.38 ± 1.04; p< 0.05)
• Females also had a statistically significant likelihood of pursuing a career in health science, medical science or medical research over their male counterparts (female = 3.33 ± 0.88; male = 2.52 ± 0.99; p< 0.05)
• There was no statistical difference among ethnic groups for any of the survey questions asked
• There was no statistical difference between genders related to use of tobacco/vaping or steps toward living a heart-healthy lifestyle

CAREER INTEREST
If you’re thinking about a career in Healthcare or Health Sciences, in what area?

GENDER

0.3%

25.3%

74.4%

# of Responses

If you’re thinking about a career in Healthcare or Health Sciences, in what area?

Use tobacco or vape

Take steps toward a heart-healthy lifestyle

Pursue a career in healthcare

Pursue a career in health science, medical science, or medical research

PHOTO CREDITS
Photos by Allison Lee Isley, Nov 18, 2019, Winston-Salem Journal