



Rising 6th to 8th Grade Girls Needed for the 2018 STEaM ACTIVATED! Program and Research Study

“How can we improve minority middle-school girls’ engineering self-efficacy and persistence?”



Description of Project: We will conduct a research study on middle-school girls’ engineering knowledge, self-efficacy, and persistence. Twenty (20) girls will participate in fun hands-on Green Construction Engineering Projects such as Green Newspaper Towers, bio-modified cement paste ‘frisbee’ competition, and oral presentations. Highlights are the Engineering Education Seminar, field trip to the Joint School of Nanoscience and Nanoengineering, and field trip to the Proximity Hotel - the first LEED platinum (green) hotel in the U.S. Girls will complete surveys, tests, reflection sheets, and participate in focus group discussions.

Cost: FREE

Funding Agency: Engineering Information Foundation

Important Dates: *3:00 pm - 5:00 pm (March 17th - Opening Ceremony and Orientation)*
9:00 am - 12:30 pm (April 21st, May 19th, June 16th - STEaM Projects)
8:00 am - 5:00 pm (July 9th - July 13th - STEaM Summer Camp)
9:00 am - 12:30 pm (Sept. 15th, Oct. 20th, Nov. 17th - STEaM Projects)
3:00 pm - 5:00 pm (Dec. 15th - Awards and Closing Ceremony)

Venue: Room 111 Price Hall, Dept. of Built Environment,
North Carolina A&T State University campus

Incentive: Lunch, snacks, and rewards will be provided during summer camp;

Qualification: Minority middle-school girls interested in Engineering Careers;

Application: Request Scholarship Application Documents by sending an email to andreao@ncat.edu.

Please, review the [important dates](#) carefully before submitting an application;

Selection: 20 girls of engineering promise will be selected and enrolled after interviews.

Waiting lists will be maintained for future opportunities.

This research is conducted under the direction of Dr. Andrea Ofori-Boadu, Assistant Professor with the Department of Built Environment, and has been reviewed and approved by the N.C. A&T Institutional Review Board.