

SUMMER ACADEMY FOR MATH AND SCIENCE

Purpose:

Enhancing the academic preparation of ethnic minority students and other underrepresented populations in STEM fields

Program Description:

The Summer Academy for Mathematics and Science is a six-week, rigorous residential experience for rising high school seniors who have a strong interest in computer science, engineering and/or natural science. Carnegie Mellon subsidizes the cost of tuition, room and board for all participants

The program's curriculum focuses on assisting students in developing mastery and execution of critical concepts in higher-level, collegiate math, programming, and science. In addition, students will participate in one six-week hands on project designed to expose and engage them to the wonder and excitement of problem solving and innovation. Project outcomes will be showcased to the campus community during the program's closing symposium.

Targeted Audience:

- **Rising high school seniors**
 - *Ethnic minority students*
 - *Economically disadvantaged*
 - *Under resourced school districts*
 - *First Generation*
 - *Underrepresented groups in STEM*

Program dates: **July 1 – August 11, 2017** Questions: cmu-sams@andrew.cmu.edu