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Upward Bound Math-Science at UMass Boston

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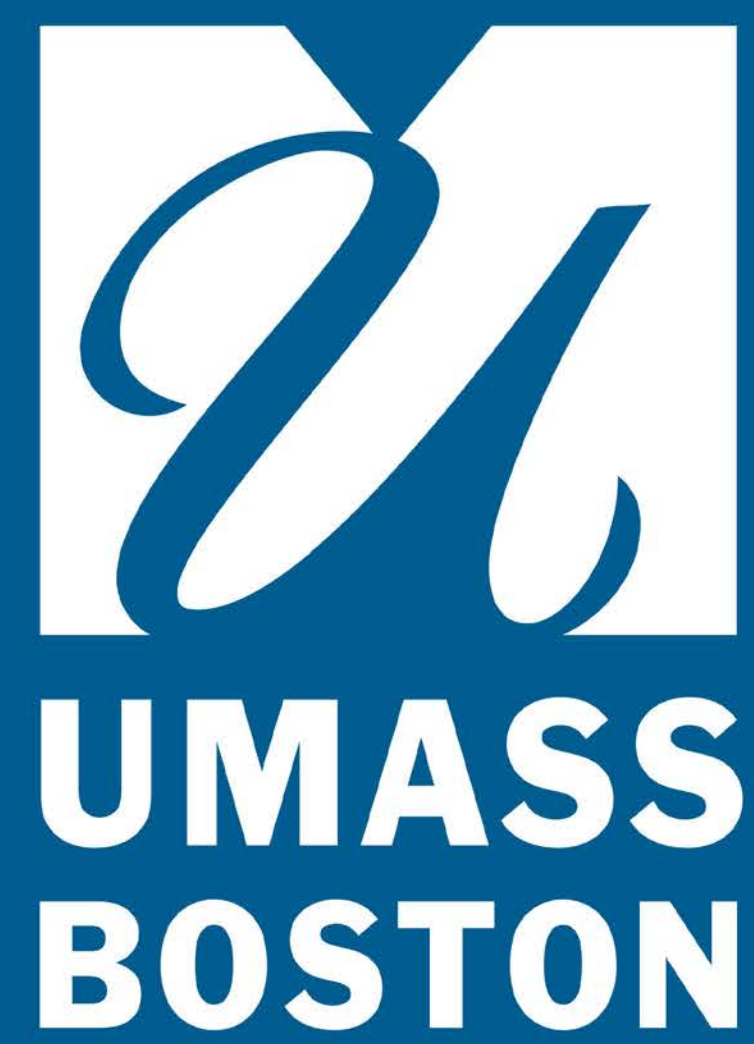
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Upward Bound Math-Science at UMass Boston

A Public-Private Partnership with the Noble and Greenough School, Dedham, MA
Serving Program Participants Enrolled in the Lawrence High School Academies

Summary/Abstract

Mission Statement

Upward Bound Math-Science (UBMS) strives to increase the number of low-income and first-generation college bound students who enroll in and complete higher education programs, majoring in mathematics, the sciences, and computer science. UBMS aims to increase the number who pursue advanced study in these fields. UBMS serves students enrolled in the six academies that comprise the Lawrence High School Complex.



History

Upward Bound Math-Science was first funded by the U.S. Department of Education under Title IV of the Higher Education Act of 1965. Since 1990, UMass Boston has co-sponsored UBMS with the Noble and Greenough School in Dedham, where the residential component of the program takes place each summer.



Goals and Objectives

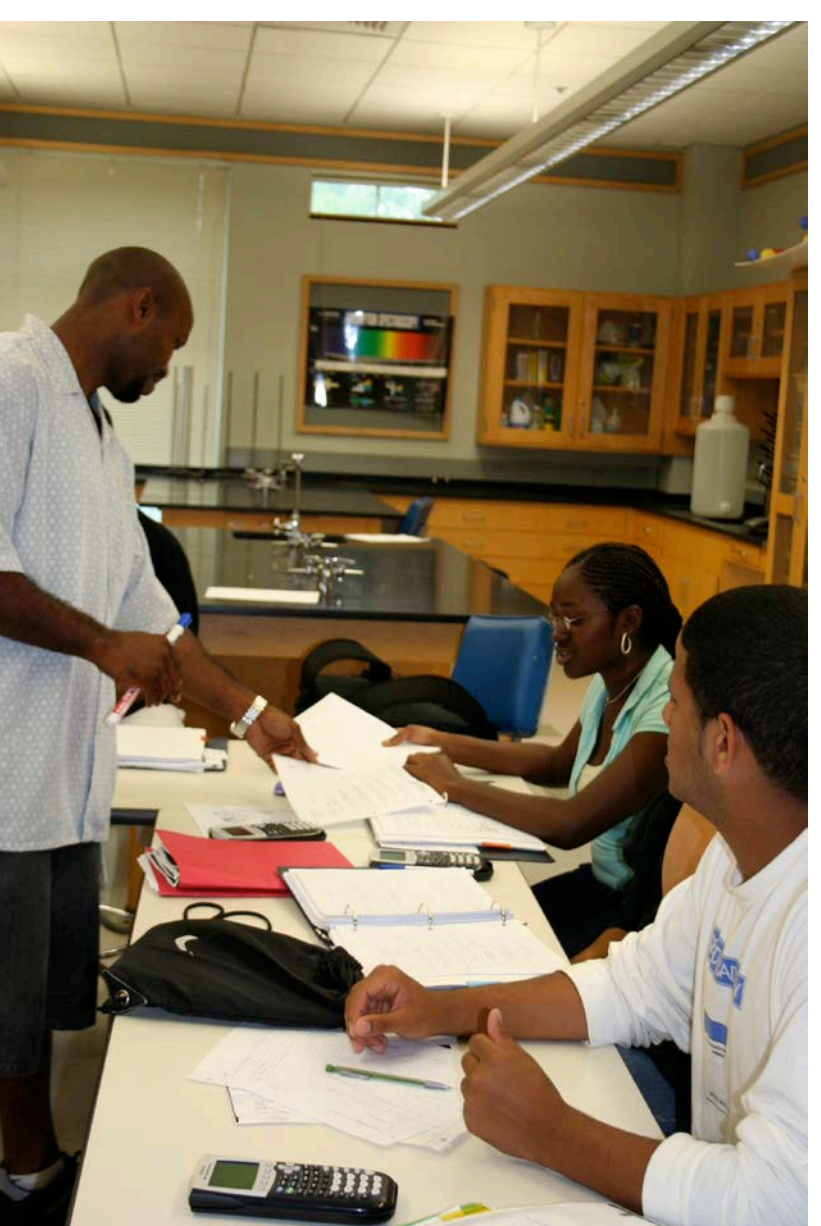
- Through year-round academic/tutorial services, assist participants in maintaining a high GPA during high school.
- Assist students in achieving at the proficient levels or higher on state assessments, as well as prepare them for standardized college entrance exams.
- Expose students to Math and Science fields and increase the number who pursue advanced study in these fields.
- Support program participants in the enrollment in and completion of programs of post-secondary education.

Approaches and Methods

Upward Bound Math-Science is a year-round program serving 72 students annually. Tutorial services are provided at Lawrence High School Complex, as well as monthly Saturday programming. The main focus is a six-week summer residential program on the Nobles campus. Courses include Math, Lab Science, English, Computer Science & World Language.

Results/Impacts

Since 1990, Upward Bound Math-Science has served over 1,000 students in the Boston and Lawrence Public Schools and has successfully assisted the overwhelming majority to enroll in 4-year colleges and universities. Over the years, UBMS graduates have enrolled at UMass Boston, UMass Amherst, the College of the Holy Cross, Harvard University, Brown University, Wellesley College, Westfield State College, Framingham State College, St. John's University, and Georgetown University, among other institutions.



Resources

To enhance program services, Upward Bound Math-Science collaborates with other UMass Boston Pre-collegiate Programs, community-based organizations, and the Nobles community.

Additional Information and Contact

Upward Bound Math-Science is a federally funded program.

To learn more, contact the UBMS office:
Email: maldonado@nobles.edu
Phone: 781-320-7246