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Upward Bound Math-Science at UMass Boston

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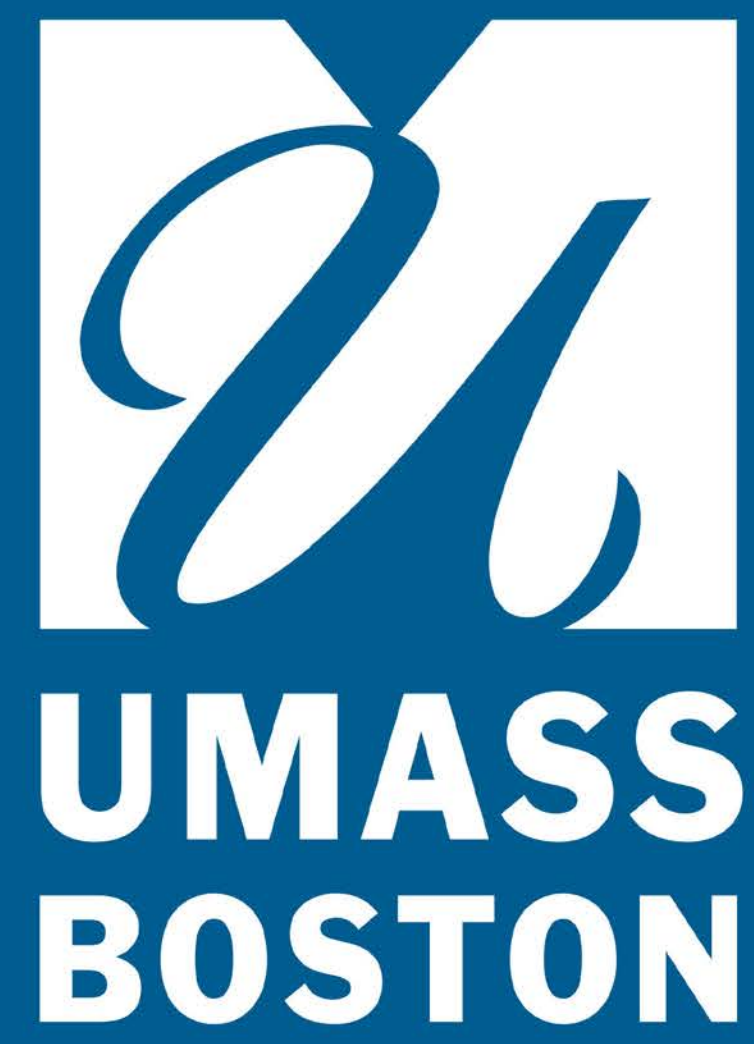


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Upward Bound Math-Science at UMass Boston

Partners: University of Massachusetts Boston, Lawrence High School

Vision

Every participant in Upward Bound Math-Science, whether low-income, first-generation, or at high risk for academic failure, will develop the skills, knowledge, and motivation to enroll in and complete post-secondary education programs in STEM fields.



Goals and Objectives

- ❖ Foster yearly academic growth
- ❖ Help students improve MCAS and SAT test scores
- ❖ Prepare students for the rigors of college
- ❖ Assist students in grade promotion
- ❖ Provide students with internships in the science fields
- ❖ Assist students in completing a rigorous secondary school program of study
- ❖ Prepare students for enrollment in programs of post-secondary education

Mission

We seek to increase the number of low-income and first-generation college students majoring in mathematics and the sciences at the undergraduate level. We motivate students to achieve at their highest potential by facilitating exploration and discovery in an active learning environment drawing on values embedded in the complementary philosophies of UMass Boston and the Noble and Greenough School.



Approaches and Methods

- ❖ Rigorous 6-week summer residential program that simulates a college experience
- ❖ Instruction in literature, composition, foreign language, mathematics, science, standardized-test preparation (SAT), history, computer science
- ❖ Individual and small-group tutoring
- ❖ Annual college visits trips to Philadelphia, Washington D.C., or Upstate New York
- ❖ College/financial aid application assistance
- ❖ Monthly Saturday programming during the school year with science & math enrichment
- ❖ Weekly community service initiatives

Impact

- ❖ Over the past five years, 98% of program graduates have enrolled in higher education directly after high school graduation.
- ❖ 100% of the graduating class of 2012 enrolled in college directly after high school graduation.
- ❖ Students have begun summer research internships through programs at Harvard and Tufts universities



Contact Information

Upward Bound Math-Science is a federally funded program.

To learn more about the program,

- ❖ Call 781.326.3700,
- ❖ Email edgar.deleon@nobles.edu
- ❖ Visit our website :
<http://www.nobles.edu/summer-programs/upward-bound.cfm>
- ❖ Visit Room 209, 1st floor, Baker Building, Noble and Greenough School, 10 Campus Drive, Dedham, MA 02026.