Name of Project: Mass Math + Science Initiative

Type of Project (e.g., Professional Development): Professional development & student support

Project Manager:
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PreK-16 Regional STEM Network affiliation (check one):
- Berkshire
- Central ✗
- Metro West ✗
- Northeast ✗
- Pioneer Valley ✗
- Southeastern ✗
- Boston (under development)

Description of Project:
The Massachusetts economy demands a talented workforce of STEM professionals, yet every year thousands of promising students leave high school without having taken the challenging courses required to succeed in these fields. The Mass Math + Science Initiative (MMSI) is replicating and scaling a math and science program aimed at underserved students. MMSI focuses on three measurable goals:

- **Increase AP participation.** The program leads to greater student participation in math, science and English Advanced Placement (AP) courses.
- **Increase AP performance.** The program leads to more qualifying scores (scores of 3, 4, or 5) on AP examinations.
- **Increase college success.** The program will increase the number of students matriculating to and graduating from college.

In the fall of 2007, following a highly competitive process, Mass Insight was awarded a $13.2 million grant from the National Math & Science Initiative to replicate and scale a proven program. Mass Insight formed a new division, the Mass Math + Science Initiative, which drives a school culture of high expectations and dramatically increases participation and performance in Advanced Placement courses, particularly among underserved populations, to prepare students for college and career success in science, technology, engineering, and mathematics (STEM). In 2011-12, MMSI is currently closing achievement, opportunity, and inspiration gaps in our work directly with 8,000 students in 53 Massachusetts public schools across 41 school districts.