



Massachusetts Board of Higher Education

Improving Teacher Quality State Grant Program

Background

The Improving Teacher Quality State Grant Program is funded by the **Title II: Part A of the No Child Left Behind Act of 2001**. The Board of Higher Education administers these funds by awarding competitive sub-grants to eligible partnerships of higher education institutions and high-need public schools. These partnerships use grant funds to conduct professional development activities in core academic subjects for teachers, paraprofessionals, and principals.

The Board of Higher Education awarded \$1,259,374 for project activity in 2008. These will support six continuing projects and nine new projects.

Continuing Projects

The Biotechnology Teacher Instruction Collaborative with partners: The Biotechnology Institute, Boston University School of Medicine, Bridgewater State College, Fall River Public Schools, and New Bedford Public Schools

Intensive Immersion Institute in Grades 4-8 with partners: Edutron Corp., Fitchburg State College, Lowell Public Schools, and Massachusetts Institute of Technology

The World is Flat: Inservice/Preservice Professional Development Model to Change Science Misconceptions with partners: Springfield College, Springfield Public Schools, and Springfield Science Museum

Engineering for Classroom Teachers- Civil and Environmental Engineering in Our Everyday World with partners: University of Massachusetts Amherst and Springfield Public Schools

Improving Teacher Quality through an Integrated Technology-Based Physics Curriculum with partners: University of Massachusetts Amherst, Lower Pioneer Valley Educational Collaborative, Springfield Public Schools, and West Springfield Public Schools

Forensics in the Classroom with partners: Worcester State College, Worcester Public Schools, and the Central MA STEM Pipeline Consortium

New Projects

Physics First! for Teachers with partners: American International College and Springfield School District

Providing In-Depth Teacher Prep in Science through content training, Prof Dev, and Access to Inquiry Based Curriculum Resources with partners: Boston College, Boston Public Schools and Revere Public Schools

Improving the Quality of Teaching Physics with partners: Boston University, Boston Public Schools and Chicopee Public Schools

Curriculum and knowing program with partners: Clark University and Worcester Public Schools

Summer Math and Science Teacher Professional Development Workshops with partners: College of the Holy Cross and Worcester Public Schools

Elementary Math and Its Connection to Technology and Engineering Design with partners: Framingham State College, and Southbridge Public Schools

Lesley-Holyoke Math Partnership with partners: Lesley University and Holyoke Public Schools

Enhancing Math Collaboration: School-University Initiative for Professional Development with partners: University of Massachusetts Lowell and Lowell-Bartlett School

Outdoor science: environmental Science Professional Development for Elementary Teachers with partners: Wheelock College and Boston Public Schools