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**Glenn Stevens\*** (ghs@math.bu.edu) and **Al Cuoco**. *The Focus on Mathematics community and professional school of mathematics.*

At the recent Association of Teachers of Mathematics in New England's Summer Mathematics Institute, Brendon Ferullo, a mathematics teacher at Framingham MA High School, and Steve Rosenberg, a mathematician at BU, led a workshop entitled "Comparing High School Lessons that Encourage Mathematical Practice with Those That Do Not." This kind of collaboration has been a centerpiece of a community of mathematical practice that has been evolving for over two decades in the Boston area. One goal of this community is to close the gap between school mathematics and mathematics as a scientific discipline, by creating a culture in which practicing mathematicians and secondary mathematics teachers work together to improve both high school and university mathematics education. This talk will describe the community and its philosophy, outline some of its programs in teacher preparation and professional development that address the recommendations of MET-II, and discuss some ideas for a new phase of the work—a professional graduate school, developed in collaboration with expert mathematics teachers. (Received August 10, 2013)