Raju Hegde* (rhegde@grcc.edu), 143 Bostwick Ave. NE, Grand Rapids, MI 49503, and Yumi Watanabe (ywatanab@grcc.edu), 143 Bostwick Ave. NE, Grand Rapids, MI 49503. Mathematics Education at Community Colleges -Where we've been, where we are, where we need to go-.

In July 2009, President Obama announced a 12 billion dollar initiative for community colleges, indicating the important role community colleges play in education and our economic recovery. This initiative was designed to boost graduation rates. Community colleges certainly offer opportunities to those who would not have a chance at higher education otherwise. In this talk, the drastic changes and associated challenges many community college mathematics departments face are highlighted by focusing on course offerings, curriculum designs, enrollment data, and student population over the last decade. The talk will end with a discussion about the role that selective four year institutions can play in improving mathematics education at all levels. (Received September 13, 2010)