

1125-VO-1986      **A Morgulis\*** (amorgulis@bmcc.cuny.edu), 199 Chambers St., N599, Math Dept., New York, NY 10007, and **A Han, M Dean** and **F Prioleau**. *Creating Career Pathways in Mathematics through the Recruitment and Retention of Talented Community College Students*. Preliminary report.

The issue of minority and women participation in STEM has become the crucial question of our time. For decades US has excelled in attracting science and engineering talents from all over the world. Recently women have made significant inroad in the STEM disciplines accounting for 50% of baccalaureate degrees earned nationally in science (including social & behavioral sciences) and engineering. In sharp contrast, African-Americans (8%) & Latinos (8%) continue to comprise a small segment of this population. Just when the US economy requires more scientists, the largest pool of potential workers continues to be isolated from careers in STEM. In this presentation, we will share the preliminary report of the BMCC-CUNY MSEIP Institutional Project – Creating Career Pathways in Mathematics through the Recruitment & Retention of Talented Community College Students. To help improve mathematics performance and encourage more students to follow a career in mathematics, we focus on 3 aspects of success: improving how math courses are taught, recruiting more women & minority students, and providing support and encouragement to students through various programs. Our effective outreach activities and retention programs strategies will be shared during the presentation. (Received September 19, 2016)