

Developing Pre-Service Mathematics Teachers to Meet the Needs of Black Male Students in Teacher Education Programs

Abstract

Preparing preservice mathematics teachers to teach Black male learners who are characterize as a problem in society and mathematics spaces present challenges for faculty in teacher education programs. These faculty members must address, examine, and reframe pre-service mathematics teachers' perspectives of Black male students to ensure their needs are being meet. In this chapter, we call for mathematics teacher educators to take their role seriously in helping pre-service mathematics teachers see the assets and strengths of Black male students as humans, students, and mathematics learners. We contend that mathematics teacher education programs must prepare pre-service teachers to nurture Black male students' mathematical brilliance in the classroom. This chapter offers recommendations on the changes needed in mathematics teacher education programs to prepare pre-service teachers to meet the needs of their Black male students.

Keywords: Black male mathematics learners, mathematics teacher education programs, pre-service mathematics teachers