

1056-G5-1054      **Sylvia T. Bozeman\*** (sbozeman@spelman.edu), Box 270, Spelman College, Atlanta, GA 30314.  
*Some Challenges to Broadening Participation in Mathematics at the Undergraduate Level.*

There are several identifiable challenges likely to face institutions in attracting students from underrepresented cultural and racial groups into undergraduate mathematics. In addition to identifying the challenges, this presentation will outline a set of key elements commonly used to address these specific challenges. Examples will be given to show how one institution has woven these key elements together to create effective programs and increase their bachelor's degree completion rates. Some discussion of the college-to-graduate school transition for the students from underrepresented groups will also be included. (Received September 20, 2009)