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Elizabeth K. Mauch* (emauch@bloomu.edu), Bloomsburg University of Pennsylvania, 400 E. 2nd St., 3106 McCormick Center for Human Services, Bloomsburg, PA 17815. *Recruitment and Retention of First Generation Mathematics Majors.*

Typically, the recruitment and retention of first-generation college students is measured in their general success in obtaining any college degree. The author will present the findings of an NSF S-STEM recruitment and retention grant which targeted first generation college students and studied the success of retaining the students in mathematics. Findings include activities which were beneficial in retaining students not only in the freshman year, but also in the sophomore year. Many of the students who received the grant easily were retained in the freshman year. However, many students faced increasing difficulty as they entered their sophomore year. Retention activities not only focused on academics but also on social issues that the students faced. (Received September 05, 2011)