

1014-Y3-1695      **Ami Radunskaya\*** (Ami\_Radunskaya@pomona.edu), Mathematics Department, Pomona College, 610 North College Avenue, Claremont, CA 91711, **Sylvia T. Bozeman** (sbozeman@spelman.edu), Mathematics Department, Spelman College, Atlanta, GA 30314, and **Rhonda J. Hughes** (rhughes@brynawr.edu), Department of Mathematics, Bryn Mawr College, Bryn Mawr, PA 19010. *Giving Women the EDGE in Mathematics.*

Founded in 1998, the EDGE Program has helped to prepare over ninety women for graduate school in mathematics, with particular emphasis on the inclusion of women of color. The purpose of the program is to smooth the transition from undergraduate to graduate work in mathematics, with a focus on preparation for the mathematical as well as the cultural challenges of graduate school. This talk will describe the structure of the program, and present a quantitative and qualitative analysis of those aspects of the program that are designed to bridge undergraduate and graduate work. Factors that have contributed to the successes of the program will be discussed, as well as challenges the organizers have faced in offering this program. In addition, the speakers will address factors they have observed that contribute to student success, and offer tips to departments for improving retention of students in their graduate programs. (Received September 28, 2005)