1135-I5-1189 Susan D'Agostino* (s.dagostino@snhu.edu). The EDGE Program Turns 20: What Have We Learned?

The EDGE Program (Enhancing Diversity in Graduate Education) began twenty years ago to provide support for women entering doctoral programs in the mathematical sciences. For the first four years, the program alternated between Bryn Mawr and Spelman Colleges. In the intervening years, EDGE has been hosted on campuses around the nation and expanded to offer support for women throughout their graduate school and professional careers. With its steadfast commitment to diversity among participants, faculty, and staff, what impact has EDGE had on the national mathematics community? What impact has EDGE had on its alumnae? Has EDGE succeeded in producing a diverse new generation of leaders in the mathematics community? Lessons learned that may benefit others involved in related efforts will be shared. This talk is based on a paper coauthored with EDGE founders Sylvia Bozeman and Rhonda Hughes, to be published in Springer's 2018 Women in Mathematics: Celebrating the Centennial of the Mathematical Association of America. (Received September 20, 2017)