1035-C1-1397   **Kimberly S. Weems*** (`weems@stat.ncsu.edu`), Department of Statistics, North Carolina State University, Raleigh, NC 27695-8203, **Tanya A. Moore** (`tmoore@ci.berkeley.ca.us`), City of Berkeley, Division of Public Health, 1947 Center St., 2nd Floor, Berkeley, CA 94704, and **Leona A. Harris** (`harrisl@tcnj.edu`), The College of New Jersey, P.O. Box 7718, 2000 Pennington Rd, Ewing, NJ 08628. *The Infinite Possibilities Conference: Creating Opportunities for Connectedness and Success for Underrepresented Minority Women in the Mathematical Sciences.* Preliminary report.

African-American, American Indian, and Hispanic/Latina women have been historically underrepresented in the mathematical sciences. To increase and support diversity in the math community, a paradigm shift needs to occur in the way we think about the image of a mathematician and her/his role in society. In addition, belonging to a supportive and connected network of mathematicians is instrumental in the academic and professional success of underrepresented minority women mathematicians. The Infinite Possibilities Conference (IPC) is a unique event that assembles minority women mathematicians from all over the country and aims to provide such a network. The purpose of IPC is to promote, educate, encourage and support minority women interested in mathematics. IPC has been successful in fulfilling several primary needs of underrepresented minority women in the mathematical sciences, including: a need for role models and mentors; a need for greater access to information and resources; a need for research on the factors that support/impede the success of minority women. Lessons learned and the immediate and broader impact of IPC 2005 (hosted by Spelman College) and IPC 2007 (hosted by North Carolina State University) will be presented. (Received September 19, 2007)