Millersville University of Pennsylvania has held its annual Women in Mathematics and Science Conference every spring since 1988. This one-day event brings together over 200 young women who attend regional secondary schools. Each group of students is accompanied by one math or science teacher from its school. The purpose of the conference is to encourage young women with interests in science and mathematics by giving them opportunities to meet with a variety of professional women role models who are successfully pursuing scientific and mathematically oriented careers. To accomplish this goal, the conference includes a keynote speaker who addresses all the attendees. Also scheduled are three or four forty-five minute individual role model presentations and panel discussion sessions. During each session, up to nine presentations run concurrently. Students and teachers attend the presentation of their choice during each session. (Received September 15, 2000)