Michelle Manes* (mmanes@math.hawaii.edu). Women in Numbers: A research community. Women in Numbers (WIN) was one of the first Research Collaboration Conferences for Women (RCCW). In this workshop model, mathematicians from various career stages come together for both research collaboration and mentorship. The first WIN conference was held in 2008 at BIRS, and there have been (so far) a total of four conferences at BIRS and two in Europe. These workshops provide a powerful model for combatting the "old boy's network" by building a network of our own. The focus is on both creating new high-quality research (senior mathematicians design and lead projects that involve early career researchers and graduate students) and on building a professional community that supports its members through all career stages. Growing out of WIN, the "Women in Numbers Network" — including a website, mailing list, and a web of personal and professional contacts — has impacted the careers of those of us lucky enough to participate and may be having a lasting effect on the broader number theory community. (Received July 18, 2018)