Raegan Higgins\* (raegan.higgins@ttu.edu), Texas Tech University, Dept of Mathematics & Statistics, Box 41042, Lubbock, TX 79409, and Ami Radunskaya. EDGE: Building a thriving community of women mathematicians. Preliminary report.

For over twenty years, the EDGE Program has provided a mathematics ecosystem in which a widely diverse group of women has thrived both academically and personally. We will discuss the philosophy on which the EDGE Program is built, as well as outcomes and perspectives on which program features foster success in women, and in particular, women of color. We consider some of the professional and personal benefits that participants seem to derive from a community of this kind and the value EDGErs add to the mathematics community. (Received July 21, 2018)