The ability to succeed as a male or a female in a STEM (Science, Technology, Engineering, and Mathematics) discipline is constantly constructed through everyday discourse. However, there is a global push to support and sustain comprehensive approaches that facilitate achievement of women in STEM. This interactive lecture will engage in topics such as diversity, equity, empowerment, and success. In addition, this lecture will employ methods women and young girls to reach the long-term goal of increasing the number of female students who earn degrees in STEM fields, particularly from underrepresented populations.