

1154-F5-2780 **Bhuvaneswari Sambandham** (buna.sambandham@dixie.edu), **Clare Banks**, **Jie Liu*** and
Vinodh Chellamuthu. *Dixie Tensor Scholar Program*. Preliminary report.

Through the MAA Tensor Grant for Women in Mathematics, we developed Dixie Tensor Scholar program to provide our undergraduate students and students from local high schools with activities aimed at connecting women STEM majors, high school girls, and successful women STEM professionals to exchange ideas through a year-long mentoring program. We began the academic year by recruiting female STEM majors into the DTSP. Starting October, we will begin our DTSP Lecture Series, which will bring together scholars and successful women in STEM areas. In the spring, we are planning a one day workshop for parents and female students from local high school careers by increasing awareness of career options, demonstrating the benefits of studying mathematics by providing them an environment to exchange ideas, strengthen problem-solving skills, and advance their intellectual confidence. In our presentation, we will share our experiences and progress of our new DTSP program. (Received September 17, 2019)