

1125-F1-3113      **Junalyn P Navarra-Madsen\*** (jnavarramadsen@mail.twu.edu), Texas Woman's University, P. O. Box 425886, Denton, TX 76204. *STEM Women Majors: A Path to Success.*

Texas Woman's University (TWU) is one of the largest US university for women by population with record-breaking enrollment this fall of more than 15,000 students attending the university's three campuses in Denton, Dallas and Houston. TWU recently received NSF S-STEM grant, "Quantitative and Analytical Sciences for Academic Reinforcement and Success (QuASARS)" - NSF Grant 1154394. The presenter is a co-PI of this grant and shares some information and insights on how to lower the attrition rate of female STEM majors in courses such as Calculus, Linear Algebra and Differential Equations using early intervention approaches, tutoring, mentoring which ultimately leads to building a learning community of successful career women in the STEM fields. (Received September 21, 2016)