

1125-R1-3115 **Junalyn P Navarra-Madsen*** (jnavarramadsen@mail.twu.edu), Texas Woman's University,
PO Box 4258867, Denton, TX 76204. *Keeping the Pipeline Full: A Woman Mathematician's
Perspective.*

Texas Woman's University (TWU) is one of the largest US universities for women with more than 15,000 students (Graduate and Undergraduate). TWU recently received consecutive NSF S-STEM grants. The latest grant is labeled "Quantitative and Analytical Sciences for Academic Reinforcement and Success (QuASARS)" - NSF Grant 1154394. The author is a co-PI of these two grants 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)