

1023-Z1-1596 **Kelly Crittenden*** (kellyc@LaTech.edu), College of Engineering and Science, P.O. Box 10348, Ruston, LA 71272, and **James D. Nelson** (jdn@LaTech.edu) and **Galen E. Turner III** (gturner@LaTech.edu), College of Engineering and Science, Mathematics and Statistics Program, P.O. Box 10348, Ruston, LA 71272. *Louisiana Tech University's STEM Talent Expansion Program.*

This talk will provide an overview of LaTechSTEP, a program developed by Louisiana Tech University mathematics, science and engineering faculty in collaboration with high school teachers. One goal of LaTechSTEP is to motivate students to pursue STEM degrees in college. The team approach involving both high school and university teachers and the integration of STEM topics sets this project apart from more traditional high school projects. Successes of our pilot projects have led to a full scale implementation funded through the National Science Foundation. These successes will be presented as well as full scale implementation plans. (Received September 26, 2006)