

1067-Z1-1754 **Jason E Miller*** (millerj@truman.edu), 100 E Normal St, Kirksville, MO 63501. *Report on the NSF PRISM project at Truman State University.* Preliminary report.

Truman State University continues its efforts to broaden participation in STEM degree programs through its 'Scientists Prepared, Enriched, Challenged Through Research-based Activities' program (NSF PRISM #0928013). This program has three components. The first studies the effect of a summer jumpstart (or bridge) program for incoming first-year students with a high level of enthusiasm for STEM degree programs but a low level of preparation. The second studies the effect of cohort-based integrative introduction to STEM for high-ability incoming first-year students who have a low level of interest in STEM. We are measuring rates of persistence in STEM for each group. The third component of the program aims to re-engineer the pipeline of students from 2-year programs to 4-year STEM programs with three high-quality community college partners. This talk will convey preliminary results of our work. (Received September 21, 2010)