

1086-VE-292 **Qingxia Li*** (liq@lincolnu.edu), 701 S Providence Road, Apt 1I, Columbia, MO 65203, and
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65203. *Course Redesign in Elementary Statistics at Lincoln University.*

A large number of African American students in the STEM pipeline at Lincoln University appear to drop out of STEM majors while completing Elementary Statistics and Calculus I. In this talk, several studies will be proposed to examine whether course redesign is effective in increasing knowledge, critical thinking, support systems, and retention of students in Math courses. (Received September 18, 2012)