Yu Jin* (yjin6@unl.edu). *High school girls enjoy mathematics in a university summer camp.*

It has been seen that some girls perform better, are more willing to take intellectual risks, and gain more confidence in an all-female environment. The All Girls/All Math (AGAM) summer camp at University of Nebraska-Lincoln provides a great opportunity for high school girls to take on challenging mathematics in an all-female environment. In this talk, I will introduce our AGAM summer camp program, including the overall program design and organization as well as the detailed mathematical courses. I will also discuss the experiences we’ve had and the challenges we’ve been facing. (Received September 17, 2019)