

1125-VO-2975 **Melinda Lanius** and **Claire Merriman*** (emerrim2@illinois.edu), 1409 W Green St, Urbana, IL 61801, and **Vanessa Rivera Quiñones** and **Simone Sisneros-Thiry**. *Summer Illinois Math Camp*.

The Summer Illinois Math Camp is a free, week-long math day camp for middle and high school students established and run by graduate students in the Department of Mathematics at the University of Illinois at Urbana-Champaign. In this talk, we will tell the story of how a group of graduate students had an idea - to share the creative, discovery driven side of mathematics with teenagers - and within 6 months created an operational camp. We will share our experience translating college-level mathematics into activities for middle and high school students. (Received September 20, 2016)