

1106-K5-2435 **Adam Molnar*** (molnar@uga.edu). *Needs of High School Mathematics Teachers to Teach Conditional Probability*. Preliminary report.

Conditional probability appears in the US Common Core state standards, but did not appear in many earlier curricula. Anecdotal evidence suggested teachers had gaps in preparation. To investigate, I conducted task-based interviews with 25 current high school math teachers. Though not randomly selected, participants came from three states (GA, PA, SC) and had a representative range of experience, from an AP Statistics grader to many teachers with no prior probability teaching.

In the interviews, teachers answered content questions, discussed student misconceptions, and described what they felt they needed to teach probability topics. I will present results from the interviews. These include areas for content support, expressed desires of the participants, and requests for classroom-ready activities. (Received September 16, 2014)