

1106-VD-1107 **Kyunghee Moon*** (kmoon@westga.edu). *Unraveling Big Ideas Associated with Difficulties in Connecting Representations*. Preliminary report.

This research investigates preservice secondary mathematics teachers' abilities to connect algebraic and graphical representations in algebra problem solving as well as the big ideas that underlie in the teachers' difficulties in connecting these representations. I conduct clinical interviews with 20 preservice secondary teachers and use qualitative methods to analyze the interview data. The results of the research and the implications on teacher education will be shared with the audience in this presentation. (Received September 10, 2014)