1145-J5-239   **Blain Patterson*** (`bapatte3@ncsu.edu`). *Real Analysis Mathematical Knowledge for Teaching: An Investigation.* Preliminary report.

In this talk, I discuss the preliminary results from my dissertation, which investigates the relationship between teacher knowledge of real analysis and classroom teaching practices. Using the Mathematical Understanding of Secondary Teachers (MUST) framework, I analyzed this relationship in terms of teachers' mathematical understanding, mathematical proficiency, and mathematical context. Preliminary results from analyzing interviews and observations are discussed and future directions of this work are considered. (Received August 23, 2018)