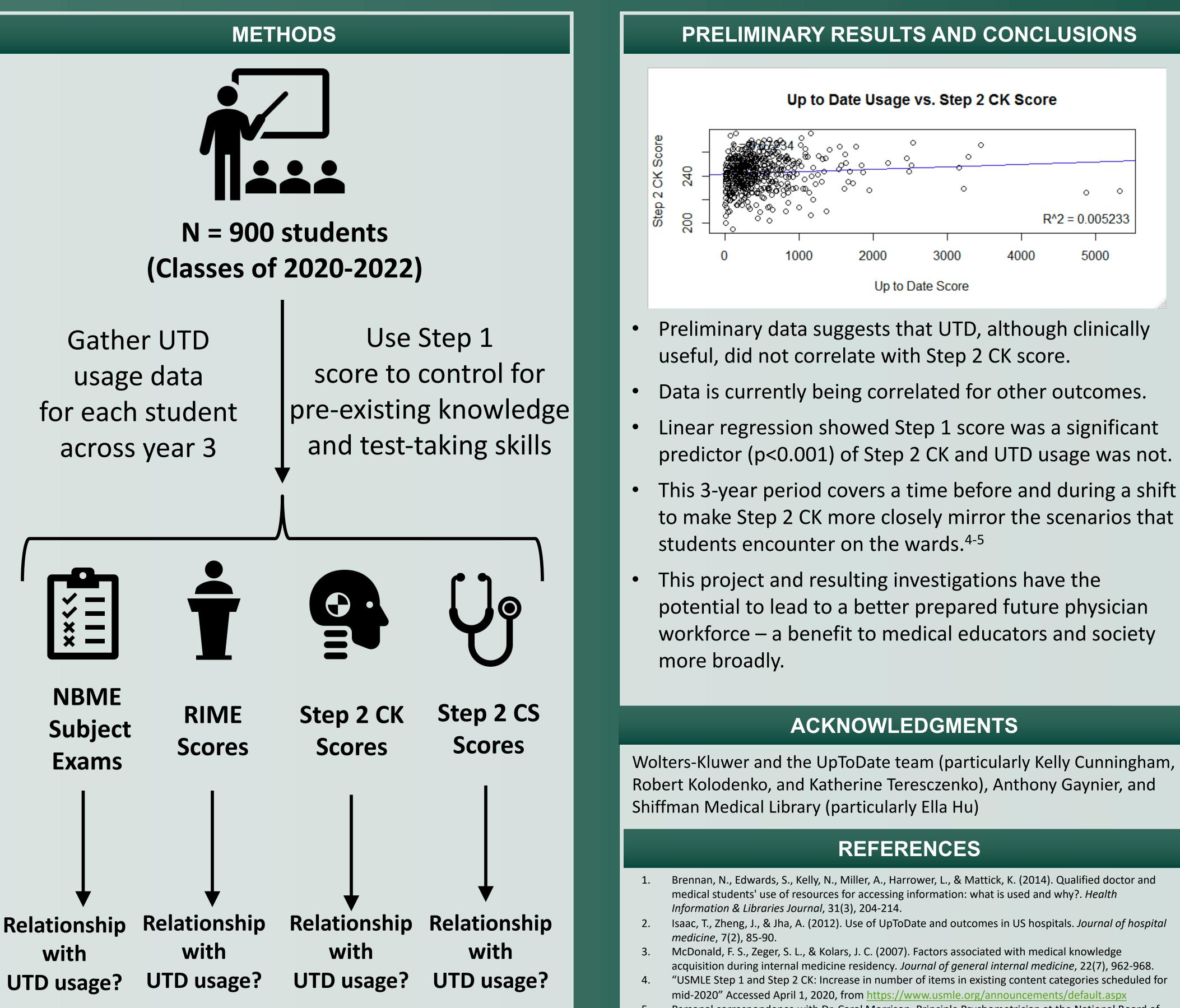
UpToDate Use as a Predictor of Medical Student Success NAYNE STATE UNIVERSITY (A Work in Progress) Connor R. Buechler, Kurt Wendland, Jason Booza, Diane Levine Wayne State University School of Medicine

RATIONALE

- Speed and ease of use are prioritized over most other criteria in choosing how to look up clinical information, leading to popularity of electronic clinical resources.¹
- UpToDate (UTD) is one of, if not the most, frequently referenced clinical knowledge resources, and its adoption in a hospital system correlates with better performance.²
- Prior work has shown a correlation between Internal Medicine resident UpToDate use & In-Training Exam score.³
- Given its proven popularity, the usefulness of UTD as a teaching tool must now be assessed against commonly agreed upon measures of medical student clinical competency.
- <u>Research question</u> what is the relationship between UTD use and common outcome measures in medical education?

BACKGROUND

- Commonly used criteria for assessing clinical competency in year 3 students include the following:
 - 1. NBME Subject Examination Scores (% correct)
 - 2. RIME Scores (Reporter, Interpreter, Manager, or Educator in the clinical setting of each clerkship)
 - 3. Step 2 Clinical Knowledge Scores (1-300 point scale)
 - 4. Step 2 Clinical Skills Scores (Pass/Fail)
- Every student at WSUSOM is provided UTD access, and usage is tracked as both time spent and mouse clicks.
- Students entering year 3 are assessed for biological knowledge using USMLE Step 1 exam (1-300 point scale).





- Personal correspondence with Dr. Carol Morrison, Principle Psychometrician at the National Board of Medical Examiners, December, 2019.