

1116-H5-2455

Sarah L. Marsh* (sarah.marsh@okbu.edu). *Tailoring Introductory Statistics Assignments to Students' Interests*. Preliminary report.

Rather than try to explain to students when they will “actually use” statistics, why not show them—or let them show themselves? In this talk, we will explore two types of assignments that can be tailored to students’ interests while emphasizing the importance of statistical knowledge and processes. First, a data collection and analysis project requires students to think through an entire experiment from choosing a question to drawing conclusions. Second, article review assignments encourage students to explore how statistics is used in fields of interest to their personal and professional lives. We will look at some details, pros, and cons of these assignments, as well as student and faculty reactions to this approach. (Received September 22, 2015)