1067-B1-51   **Milo Schield*** (`schield@augsburg.edu`), 2211 Riverside Drive, Augsburg College, Minneapolis, MN 55411. *Teaching Critical Thinking in a Statistical Literacy Course Using Odyssey: a Web-Based Discussion Forum.* Preliminary report.

Critical thinking is a central element of a statistical literacy course when statistical literacy is defined as the ability to read and interpret summary statistics in the everyday media. But teaching critical thinking is generally an instructor-intensive activity that is unsuitable for large classes or online classes. This paper analyzes the use of Odysseys2sense: a new online discussion forum that develops civil discourse and critical thinking through anonymous peer review. Odysseys2sense is structured as a game. Players get power based on anonymous comments from other players using rating criteria that involve civility, accuracy and conceptual integration. This program was first used by me in teaching a hybrid statistical literacy course and then used in teaching a full online statistical literacy course. Student feedback, grading and outcomes are presented along with the features, strengths and weaknesses of the program. This first use indicates that Odysseys2sense can encourage critical thinking in reading and interpreting summary statistics with minimal teacher involvement and in a way that is useful for grading, scaleable for large classes and usable in online classes. (Received July 04, 2010)