1106-F5-916 Robert G Root* (robroot@lafayette.edu), Math Dept, Lafayette College, Easton, PA 18042.

Introducing Quantitative Literacy in Writing Course using the Ultimatum Game.

When teaching a writing course on Quantitative Literacy (QL) and Social Justice, the author has found the ultimatum game a useful tool for demonstrating both concepts. This presentation will introduce the ultimatum game and just enough game theory to analyze it. An overview of the way students play the game in class demonstrates that most do not conform their play to theory. Worse, typically conforming players are penalized. Comparing students' play with the play of subjects from around the world suggests that this penalty is widely imposed. We consider the learning opportunities available in this lesson as examples of quantitative literacy, and as demonstrations of the practical implications of QL as a tool for making decisions and persuading others. (Received September 08, 2014)