

1135-P1-1740 **Jennifer Nordstrom*** (jfirkins@linfield.edu). *Open Source Introduction to Game Theory*.

Game theory provides an engaging context for a liberal arts quantitative reasoning course or a high school enrichment course. *Introduction to Game Theory: a Discovery Approach* is an open access resource for teaching an inquiry-based game theory course to students with little mathematics background. It is a natural topic for introducing students to the role of mathematics in decision-making; improving their ability to deal with quantitative concepts; and improving their ability to convert qualitative situations into quantitative ones. This talk will describe some of the course activities and the available formats for the text, including a detailed instructors guide and an interactive online version. (Received September 24, 2017)