Carrie Muir* (cmuir@whatcom.edu). When Equity is Conditional: Social Justice Topics and Contingency Tables for Teaching Probability.

Conditional probability provides a natural lens for examining equity issues, but is often a challenging topic for quantitative literacy students. We will consider some social justice topics suitable for use with a quantitative reasoning approach to conditional probability, and look at using contingency tables to help students organize and explore probabilities. (Received September 10, 2019)