1086-13-1281   **Irena Swanson*** (`iswanson@reed.edu`), Reed College, 3203 SE Woodstock Blvd, Portland, OR 97202, and **Amelia Taylor**, Colorado College, Colorado Springs, CO 80903. *Structure of certain conditional independence ideals.* Preliminary report.

The motivation for this work was the paper of Fink answering a conjecture of Cartwright and Engstrom regarding the structure of certain conditional independence ideals. We generalize Fink's work to any finite number of discrete random variables: we determine the structure of the minimal prime ideals, and we have partial results on the embedded prime ideals. Related to these ideals is a switching game that will also be presented in the talk. (Received September 20, 2012)