

1096-VR-1434      **Mari Castle\*** (mfc7379@kennesaw.edu) and **Victoria Powers**. *Connecting Pairwise and Multistage Election Outcomes*.

It is well known that a pairwise election winner, i.e., Condorcet Winner, is not necessarily the winner determined by positional voting methods such as plurality, ant-plurality, and the Borda Count. In recent work, Donald Saari and Tomas McIntee have established when Condorcet and positional election winners can disagree, or must agree. Their work connects pairwise tallies with admissible positional outcomes and provides the necessary and sufficient conditions ensuring that the Condorcet winner is the plurality winner, as well as identifying when a profile exists where each candidate is a winner using distinct positional election methods. In this talk, we develop similar results for multi-stage elections, such as instant runoff. (Received September 15, 2013)