David McCune* (mccuned@william.jewell.edu), Michael Jones and Jennifer Wilson. *An iterative procedure for apportionment and its use in the Georgia Republican Primary.*

Apportionment methods are well-studied in the contexts of apportioning House seats to states proportional to state population or apportioning House seats to political parties proportional to vote totals. They are not well-studied in the context of apportioning delegates to candidates in presidential primaries. In the Republican Presidential Primaries, most state Republican parties are allowed to create their own apportionment method for allocating delegates to candidates. This freedom has allowed many states to create apportionment methods that do not appear in the classical apportionment literature. In this talk we discuss the delegate apportionment method created and used by the Georgia Republican Party. We compare Georgia’s method with Hamilton’s method (the most common method for apportioning delegates), we give formulas for the thresholds of inclusion and exclusion, and we discuss the apportionment paradoxes suffered by the method. (Received August 12, 2018)