1125-VF-1989 **Megan Cream*** (mcream@spelman.edu). *Chorded Pancyclicity.*

Historically there have been many results concerning the existence of certain types of cycles in graphs. A graph property of particular interest is pancyclicity, that is, the property of a graph containing a cycle of every possible length, from three to the order of the graph. In this talk we define a new graph property called chorded pancyclicity and we investigate a density condition and forbidden subgraphs in claw-free graphs that imply this new property. Specifically, we consider a degree-sum condition and we forbid certain paths and triangles with pendant paths as subgraphs. Further, we extend J. A. Bondy's meta-conjecture on pancyclic graphs to a meta-conjecture on chorded pancyclic graphs. This is joint work with Ronald J. Gould, Kazuhide Hirohata, and Victor Larson. (Received September 19, 2016)