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Jennifer F. Vasquez*, Department of Mathematics, The University of Scranton, Scranton, PA 18510, and **Michael P. Allocca** and **Steven T. Dougherty**. *Permutation games with signed and circular permutations.*

Permutations are of central importance in abstract algebra and can be applied to help model and understand biological processes. In this talk we will present games based on signed and circular permutations. Time permitting we will discuss connections of these games to codes and the evolution of genomes. The ideas here may be used in discrete mathematics and abstract algebra courses. (Received September 20, 2016)