Samantha Dahlberg, Timothy Ferdinands and Akalu Tefera* (teferaa@gvsu.edu), Grand Valley State University, Department of Mathematics, Allendale, MI 49401. A Wilf-Zeilberger Approach to Sums of Choi, Zornig and Rathie.

In this talk we present elegant and elementary proofs of identities that involve sums of the type in the title using Zeilberger's algorithm and the Wilf-Zeilberger proof style. (Received September 19, 2010)