1086-05-440   **Brittany Shelton*** (`bcs207@lehigh.edu`), 14 E. Packer Ave, Christmas-Saucon, Bethlehem, PA 18015, and **Mark Skandera** (`mas906@lehigh.edu`), 14 E. Packer Ave, Christmas-Saucon, Bethlehem, PA 18015. *Path tableaux and Hecke algebra characters.*

For each matrix representation of the symmetric group of order n there is a class function mapping each element to the trace of its matrix representation. Such functions are called symmetric group characters. Path tableaux, generalizations of Young tableaux, have been shown to be a combinatorial interpretion of the coefficients of symmetric group characters applied to special generating functions. Extending these interpretations to the quantum analog of the symmetric group characters, the Hecke algebra characters, remains an open problem. (Received September 01, 2012)