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Brett D. Wick* (wick@math.sc.edu), University of South Carolina, Department of Mathematics, 1523 Greene Street, Columbia, SC 29208, and **Michael Lacey, Stefanie Petermichl** and **Jill Pipher**. *Multiparameter Riesz Commutators*.

In this talk we will show that product BMO of Chang-Fefferman can be characterized by the multiparameter Riesz commutators. This extends the recent work of M. Lacey, S. Ferguson, and E. Terwilleger on the behavior of little Hankel operators on the polydisc. Additionally, this is the natural generalization of the one parameter result due to Coifman, Rochberg and Weiss. This talk is based on joint work with M. Lacey, S. Petermichl and J. Pipher. (Received February 11, 2008)