

1014-N1-1224 **Ann D. Bingham*** (abingham@peace.edu), Peace College, Department of Mathematics, 15 E. Peace Street, Raleigh, NC 26704, and **Beth K. Wright** (bwright@peace.edu), Peace College, Department of Dance, 15 East Peace Street, Raleigh, NC 27604. *Learning Styles of College Algebra Students Support the Use of Dance in Mathematics Courses: Ideas for using Dance in the College Algebra classroom.* Preliminary report.

The Felder-Soloman Learning Styles Index was administered to 150 female College Algebra students in the last two years. The results show a majority of these College Algebra students are Visual and Kinesthetic Learners. This report will give the details of the survey results and examples of ways to bring the art of dance into the College Algebra classroom. Many of these students have not learned high school math when they show up in College Algebra classes. In addition to often lacking math skills, these students are discouraged and/or anxious about their math classes. We hope to utilize the kinesthetic and visual aspects of dance to help these students learn College Algebra. (Received September 27, 2005)