

1067-B1-527 **John C. Wagaman*** (jcwagaman@wcu.edu), 426 Stillwell Science, Western Carolina University, Cullowhee, NC 28723. *Some Active Learning Ideas in Introductory Statistics Courses.*

We have several courses at Western Carolina University which are introductory courses in statistics, which has motivated me to design activities for simultaneous use in multiple courses. Among these are a service course in applied statistics, a first course in calculus-based probability and statistics and a graduate course in experimental design. Each of these courses includes a data analysis component, so I try to use variables that promote interesting data collection applications. One such example is a card sorting activity that serves as an introduction to designed experiments, response and explanatory variables and analysis of variance. I have used a team spitball competition as a first lesson in correlation and regression. On class days that are a little calmer, we have used interesting survey questions to generate data and conversation among the class. (Received September 08, 2010)