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)