

1067-K1-1524 **Brad Bailey*** (bbailey@northgeorgia.edu), 82 College Circle, Dahlonega, 30597, and **Robb Sinn** (rsinn@northgeorgia.edu), 82 College Circle, Dahlonega, 30597. *Real Data & Service Learning Projects in Statistics.*

The speakers will describe three statistics courses all of which include some service learning projects using real data. These three courses are: an introductory course for non-math majors, a course in probability and statistics for math/science majors, and an advanced statistics course. During the talk we will briefly give more details on these classes, including how the courses were structured (or re-structured) to accommodate the service learning components. In addition, we will describe some of the projects that students have completed in these courses and give the audience suggestions for using similar service learning projects in their own statistics courses. Lastly, we will give examples of student feedback regarding these projects, which has been positive. Indeed, many students say that participating in these projects not only helped deepen their understanding of statistics but made them feel like they were contributing to something important. (Received September 21, 2010)