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Brad Bailey* (bbailey@ngcsu.edu), 82 College Cr., Dahlonega, GA 30533, and **A. Robb Sinn**, 82 College Cr., Dahlonega, GA 30533. *Service-based learning projects in statistics courses.*

Service-based learning occurs whenever students are engaged in coursework that provides support for institutional or community projects. In this talk we describe service-based learning projects for an introductory statistics course that use real-world data that students find relevant. We give the research questions that the students addressed. Further, we describe where the data come from and how faculty at other institutions could find or generate similar data sets. We briefly outline the order in which we covered topics for the course so that students can begin and complete these projects in a timely manner. We also describe the outcomes of these projects. (Received September 16, 2009)