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Joshua B. Wilkerson* (wilkerson.josh@gmail.com). *From the Classroom to the Community (and Back Again): Stories of Statistics, Significance, and Service.*

This presentation will outline the design, implementation, and evaluation of service-learning based statistics projects in which students partner with non-profit organizations in their local community. These projects synthesize the major concepts of experimental design, data analysis, and statistical inference in the real-world context of community service. Through these projects students integrate their conceptual understanding of statistics with the practical functioning of their local community, ultimately gaining a deeper appreciation for the role statistics plays in the organization and evaluation of service societies. Successful examples and practical resources will be provided. (Received September 14, 2014)