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Sujin Kim* (kims@savannahstate.edu) and **Deden Rukmana** (rukmanad@savannahstate.edu). *Interdisciplinary Research of Case Study in Low-Income Neighborhoods to Identify Risk Factors Contributing to Obesity*. Preliminary report.

This NIH-funded interdisciplinary study conducts survey with 65 questions to collect obesity data in six low -income neighborhoods in Savannah, Georgia so that we could establish local database. We will present an overview of the collected data from the survey and statistical analysis of the survey to find the prevalence of obesity among residents of low-income neighborhoods in Savannah which are correlated with contributing factors including lifestyle or behavior factors, individual factors, social factors and built environmental factors. We will also present in- class activities with the collected survey data to understand basic bio-statistics concepts and analysis. (Received September 24, 2012)