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**Practicum Site:** V.U.M.C. - Cayce Place

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## ***A Pragmatic Evaluation of the Effects of Public Housing Redevelopment***

**Introduction:** Cayce Place, Metropolitan Development and Housing Agency's (MDHA) largest public housing development is being revitalized and transformed into a mixed-income community. This study aims to explore the redevelopment's effects on Cayce residents' health and well-being. Residents are being asked to voluntarily participate in surveys to determine these effects and gain an understanding of their lived experiences.

**Methods:** Residents are asked to voluntarily complete a roughly 20-minute survey consisting of questions regarding their physical and mental health, as well as their housing circumstances. Residents are also asked permission to measure their biomarkers such as blood pressure, resting heart rate, pulse oxygen, and cardiac rhythm to further understand the effects on health outcomes. Residents receive a \$20 Visa gift card on completion of the survey.

**Results:** This study is ongoing with over 100 surveys completed from late July 2024 to early October 2024. Surveys have been administered for about two days every week, 4 hours each day. The goal is to get over 1000 survey responses in total.

**Conclusions:** Results from the survey will be used to guide future developments in the Cayce neighborhood, and possibly future developments in Nashville and the United States. I have learned technical skills such as conducting a household survey and measuring biomarkers, as well as personal skills in community engagement and communication. Next steps include conducting more surveys over the next several months and possibly developing a literature review to supplement the data regarding the health effects of public housing redevelopment on low-income communities.

