Community Voices in Action with Streetwyze: Leveraging real time community driven data to advance health equity

Key Takeaways:

- Secondary Data doesn't tell the whole story. BIPOC communities who are most vulnerable to the effects of health disparities have direct relevant experience that is otherwise not accessible to Public Bureaucracies about Asset Based Community Development (ABCD).
- This lack of information is a major barrier to building policies and practices that improve racial and spatial justice.
- Streetwyze is a mobile, mapping, and SMS platform that collects RTD on how people are experiencing the spaces and places in which people live, learn, work, play, and turns these into actionable analytics
- Conceptualized as a "Community powered research-to-action and knowledge" approach to science, Streetwyze combines the strengths of community engagement reflected in community-based participatory research perspectives (CBPR) with the real-time data, the integration of local data with Big data, and the rigorous standardization of resident data collection methods typically found in the Community informatics, ICT & data science fields.
- Streetwyze utilizes a train the trainer model that trains residents across race, language, socioeconomic and age continua as "street scientist" and technology-enabled community-based participatory researchers
- Streetwyze, UCSD and The Childhood Obesity Initiative partnered in San Diego to train 1,500 San Diegoans on using Streetwyze to collect over 8,000 data points on the social and structural determinants of health.
- Through community driven data analysis and sensemaking The Childhood Obesity Initiative Community Council is calling for action in three key community-centered policy areas: food justice, health justice, and neighborhood justice.

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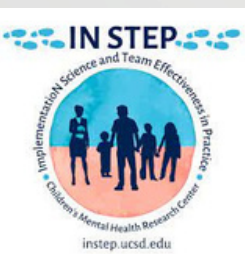**Tessa Cruz**
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Useful Resources:

1. Ellison, Charles D. "Gentrification and Food Deserts Got You Down? There's a New Grocery Store That's Helping." The Root, 29 December 2016. Article.
2. Akom, Antwi. "Streetwyze: Mapping 2 Mobilize & People Powered Place-Making Toolkit," edited by Aekta Shah and Tessa Cruz, Streetwyze, January 2021.
3. Grady, Barbara. "Urban Resilience? There's an App for That." GreenBiz, 31 March 2016. Article
4. Misra, Tanvi. "The White House Opportunity Project Launches 12 Data Tools to Improve Economic Mobility." Bloomberg, 8 March 2016, Article
5. Ross, Ángel. "10 Design Principles for Online Data Tools." National Equity Atlas, September 2017. Article

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