HPTED: Adapting a research approach to meet community needs

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Background

- Historical disinvestment in Flint and institutional racism contribute to significant racial health disparities.
- Flint is the 5th fastest shrinking city in the U.S. and has the highest vacancy rates in the U.S..
- **Flint's story is also one of a strong and committed community**. A 2013 community survey of Flint residents indicated that over 1/3 were active in Community-Based Organizations (CBOs) to improve their neighborhoods.
- CTPED (Crime Prevention Through Environmental Design) initiatives were implemented in key neighborhoods in Flint, MI
- Over the past 10 years, 120 community groups are actively engaging with neighborhood improvement projects, such as installing/maintaining community gardens, repairing homes and public structures, and organizing community gatherings.
- In 2018, PRC-MI and our community partners developed a research plan to implement and evaluated HPTED strategies.
- Based on community board feedback and changing community needs, the research team worked with partners to adapt our core research approach.

Partnerships

Community Academic Leadership:
University of Michigan School of Public Health; Michigan State University; Healthy Flint Research Coordinating Center-Community Core (HFRCC)

Community Advisory Board (CAB) and HPTED Research Partners: Genesee County Health Department, Community Foundation of Greater Flint, Flint Neighborhoods United, Crim Fitness Foundation, University Avenue Corridor Coalition, Neighborhood Engagement Hub, Kettering University, and Genesee County Land Bank.

Health Promotion Through Environmental Design

Walk and Roll to School Day Event

Mott Park Little Free Food Pantry

Carriage Town, Flint, MI Porch Fest

Before

Original HPTED Independent Variable

- Adapt CPTED trainings to integrate DEI and health promotion
- Implement community engaged HPTED training for neighborhood groups
- Provide funding (mini-grants) for local community organizations to implement HPTED projects by paying for services (e.g., garbage pickup, mowing) or materials (e.g., tools, plants, paint)

After

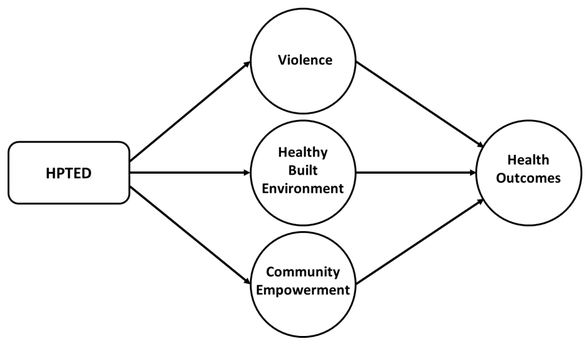
Modified HPTED Independent Variable

- Document and map existing HPTED activities
- Organizational leader Interviews to assess location, type and level of resident engagement in HPTED activities
- Collected implementation data on **945** instances of HPTED activities
- **398** sites containing HPTED activities

Outcome Evaluation (unchanged)

- Research Team assesses neighborhood violence and health outcomes in areas around HPTED projects
- Use Neighborhood Life Survey (NLS), Neighborhood Inventory for Environmental Typology (NIfETy), and MI State Crime Incident Data to evaluate the impact of HPTED work city-wide
- Translation and Dissemination of findings through Toolkit, data dashboard, information champions

Conceptual Model for HPTED effects of health outcomes



Dissemination and Translation

Work with HPTED Partners and other community organizations to:

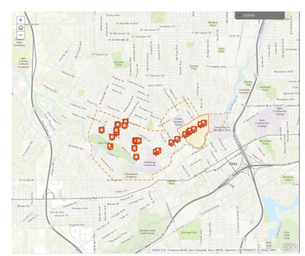
- Guide the translation of research findings to develop accessible and useful products useful for residents and community organizations.
- Identify key audiences and the best channels for dissemination to successfully share research findings and Center information.

Partner Spotlight: Lynn Williams of Community Foundation of Greater Flint

Partner Spotlight Interviews with partners that allows them a chance to promote their organization through the PRC-MI website and social media channels.

Blog Posts and Social Media Updates

PRC-MI's HPTED Data Collectors Interviewed for Blog Post


Youth Violence Prevention Center (YVPC) CPTED Story Map

Story Map: (planned) showcase of individual neighborhood groups in the HTPED project and the work they would like to promote.

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website: http://prc.sph.umich.edu/