Adaptable Community-Engaged Intervention for Violence Prevention: Michigan Model

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Study Overview: This study explores the risk and protective factors contributing to firearm violence among Asian Americans. By identifying multi-level influences that heighten or mitigate the risk of such violence, the research aims to develop and implement tailored culturally relevant community-level primary prevention intervention to address this public health crisis.

UG3 (Planning phase) Goal:
Using PhotoVoice and Geographic Information System (GIS) to understand multi-level risks and protective factors and identify community-level resources.
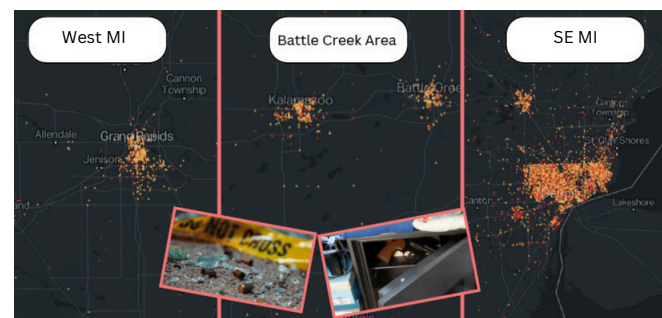
UH3 (Implementation phase) Goal:
Use the findings generated in the UG3 phase as an analytical tool to develop, implement, and evaluate an innovative Community Health Worker (CHW) intervention.

KEY FINDINGS:

- **Photovoice:** We completed Southeast and West Michigan sessions with **39** participants and **183** photos.
- Guided by the **Social-Ecological Model (SEM)** to identify root causes and protective factors of firearm violence.
- Most photos were identified at the Community level (51.9%), Societal level (18%), Relationship and Individual level (both 10.4%), and cross-level (9.3%).
- Identified **risk factors**: Unsafe Neighborhood, Substance Outlets, Mental Health, Hate Crimes, etc.
- Identified **protective factors**: Education on Gun Safety, Community Center, General Educational Opportunities, Health Resources, etc.

GIS Analysis Result
Map of Gun Violence Distribution

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