

# Community Based Participatory Research for Health

Angela G. Reyes and Amy J. Schulz  
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# COMMUNITY INVOLVEMENT IN RESEARCH

Power & control  
Responsibility & ownership  
Participation  
Influence

Low

High

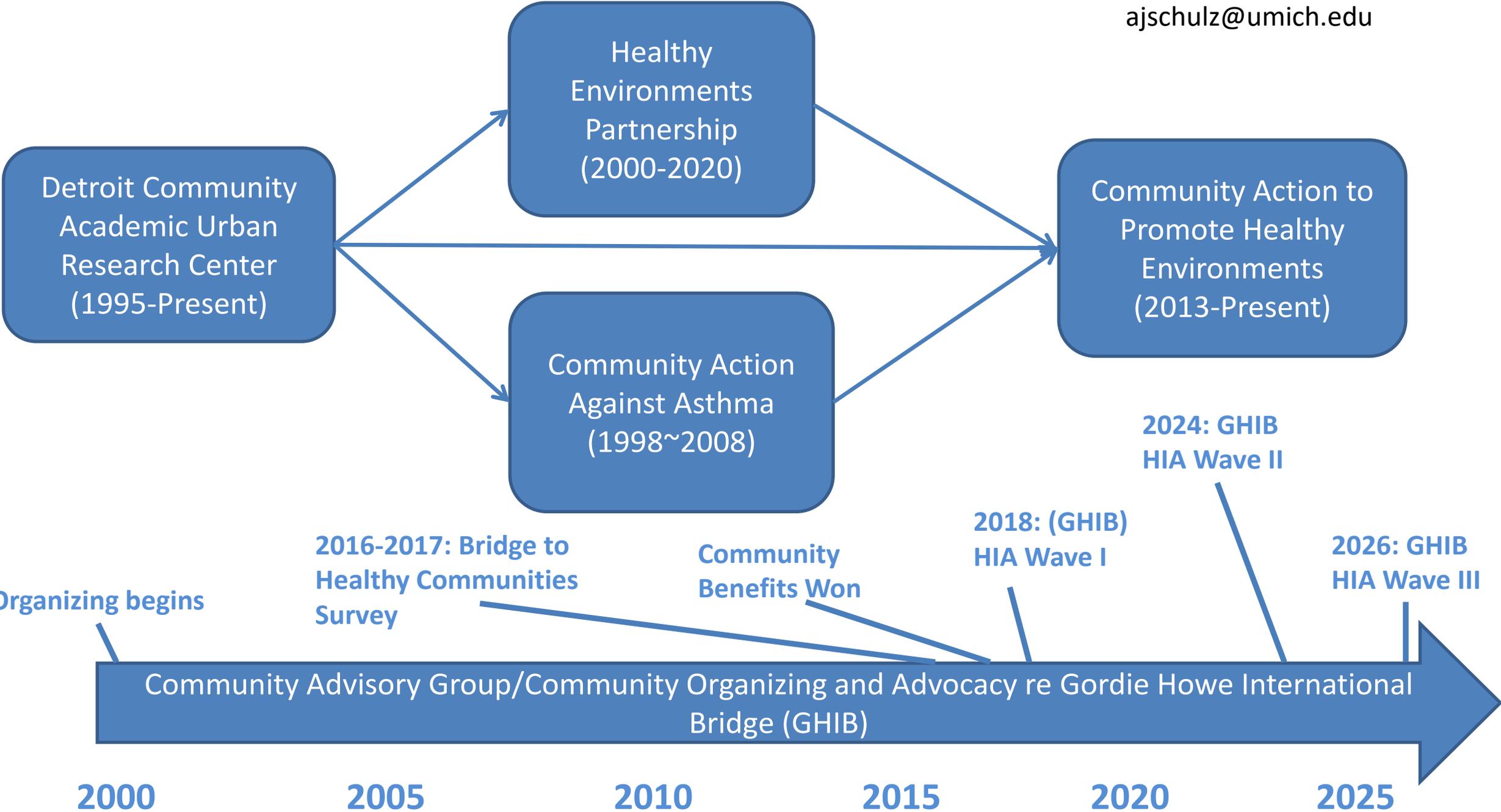
Investigator-Driven  
Research

Community Placed/  
Based Research

Community-  
Engaged  
Research

Community-Based  
Participatory  
Research

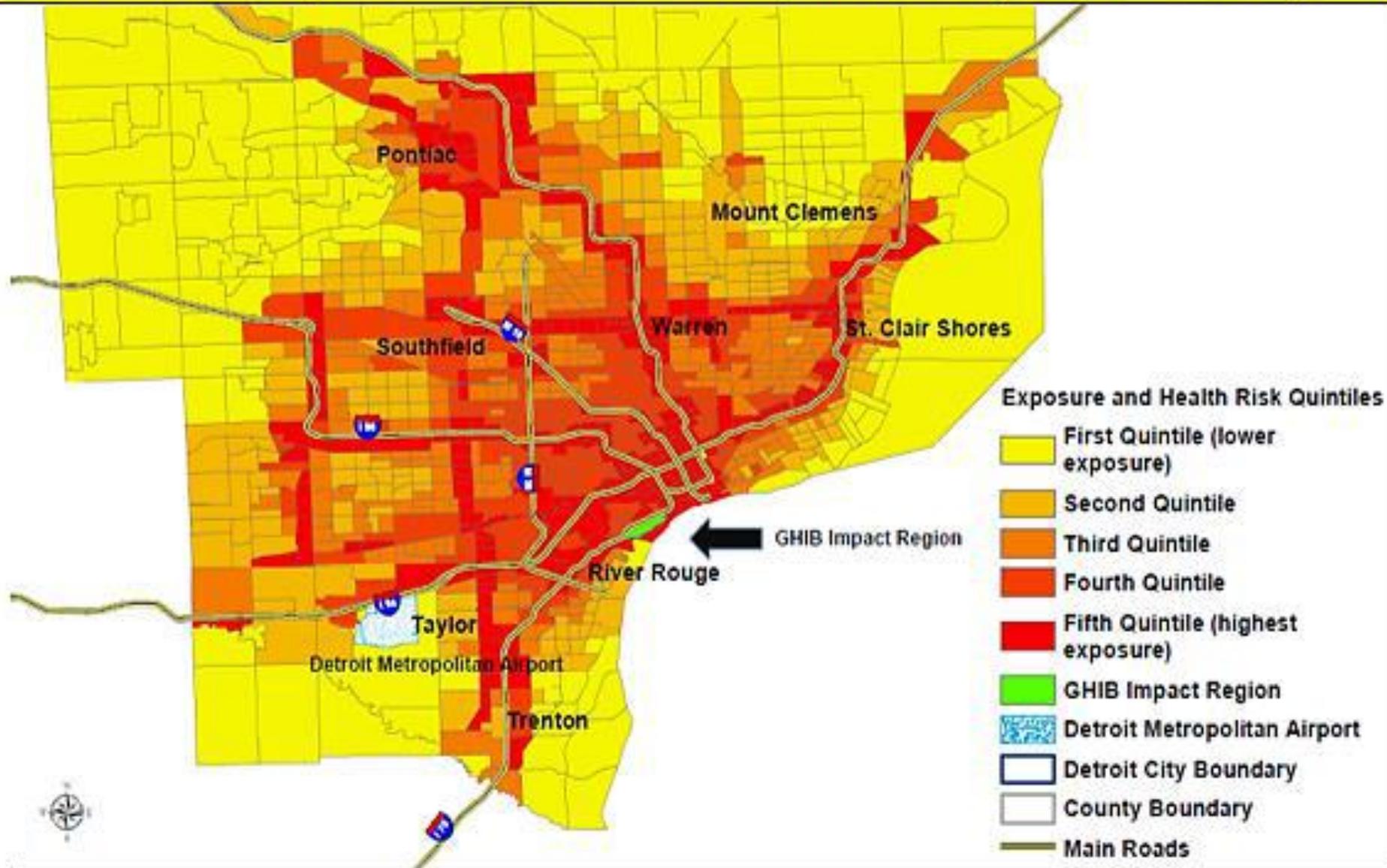
Community-  
Driven  
Research



# Underlying Cumulative Impacts

*Also, this residential area is home to many families, with among the highest proportions of children under the age of 5 in Detroit.*

**Figure 2: Diesel Particulate Matter (PM) exposure, cancer and respiratory risk attributable to air pollution in the Detroit Metropolitan Area (Schulz et al. 2016)**



**Cumulative impact polygons (CI) include: residential areas, child care facilities, health care facilities, schools and playgrounds. Exposure and Health risk include: 2011 NATA estimates of respiratory risk, cancer risk and diesel PM (non-cancer) concentration.**

agreyes@dhd1.org



3 °C / 37 °F 12/18/2020 01:58:59 PM



3 °C / 37 °F 12/18/2020 02:03:48 PM



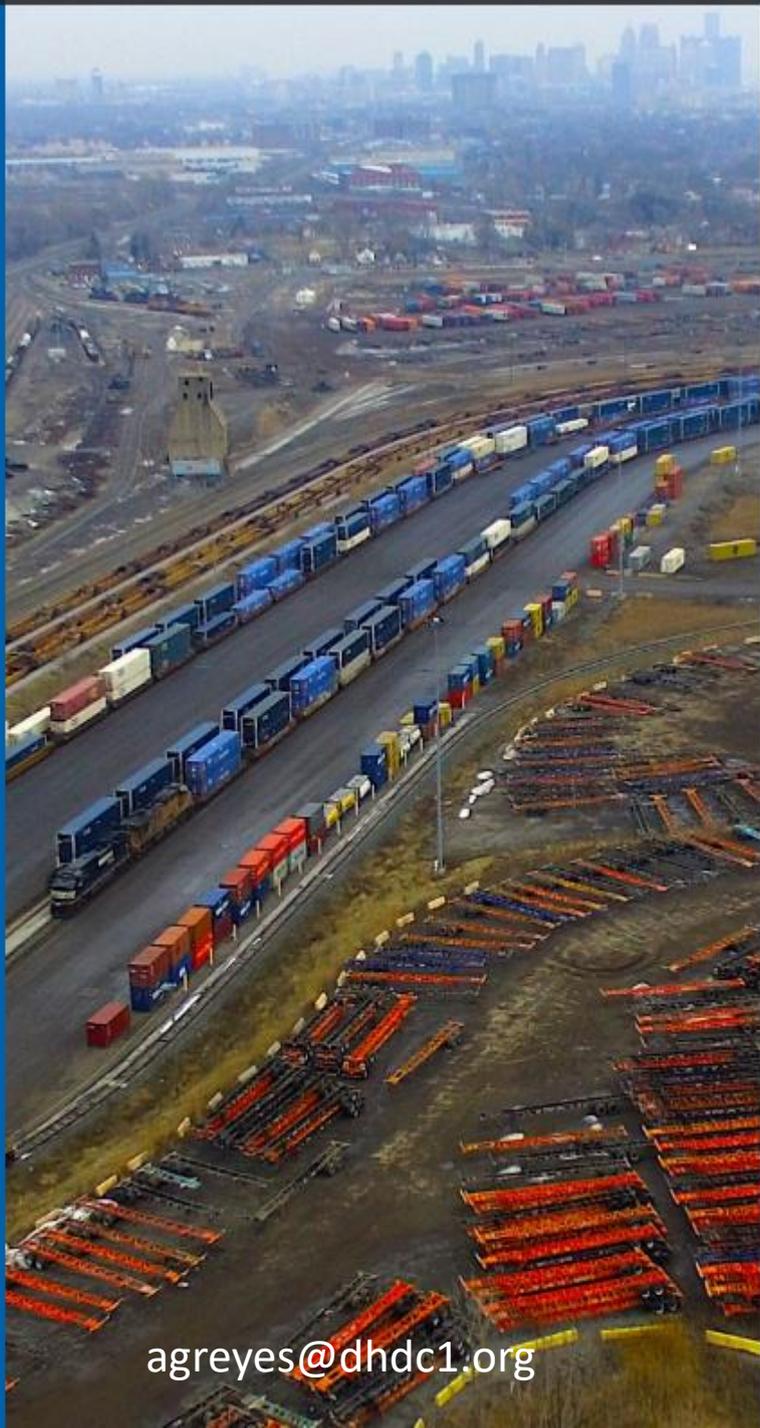
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BASELINE HEALTH  
IMPACT ASSESSMENT  
FOR THE  
GORDIE HOWE  
INTERNATIONAL BRIDGE  
PROJECT

FULL REPORT  
Health Impact Assessment  
April 2019



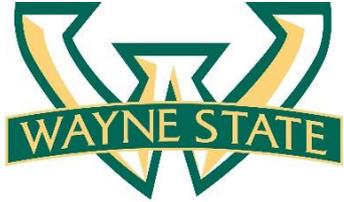
agreyes@dhd1.org

- [Mobilizing for Community Benefits Gordie Howe International Bridge](#)
- Findings from Wave I Health Impact Assessment of Gordie Howe International Bridge  
<http://bit.ly/BaselineHIA>
- [CAPHE Public Health Action Plan](#)
- [Community Action to Promote Healthy Environments](#)

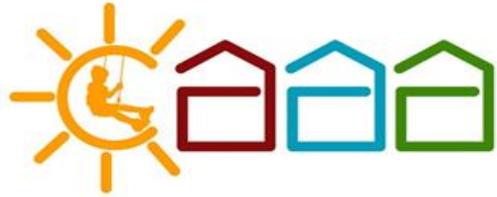


**ECOLOGYCENTER**  
Healthy People, Healthy Planet

*greendoor*  
initiative



Law School



Community Action Against Asthma

**EGL**E

MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY



DETROIT  
HISPANIC  
DEVELOPMENT  
CORPORATION



EASTSIDE  
COMMUNITY  
NETWORK



DETROITERS WORKING FOR  
ENVIRONMENTAL JUSTICE



agreyes@d hdc1.org