



Health Equity Evaluation of a Partnership to Promote Healthy Environments: Results from a Formative Evaluation

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** GREEN DOOR INITIATIVE

*** DETROIT HISPANIC DEVELOPMENT CORPORATION

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PRESENTER DISCLOSURES

Melanie Ward

The following personal financial relationships with commercial interests relevant to this presentation existed in the past twelve (12) months:

NO RELATIONSHIPS TO DISCLOSE

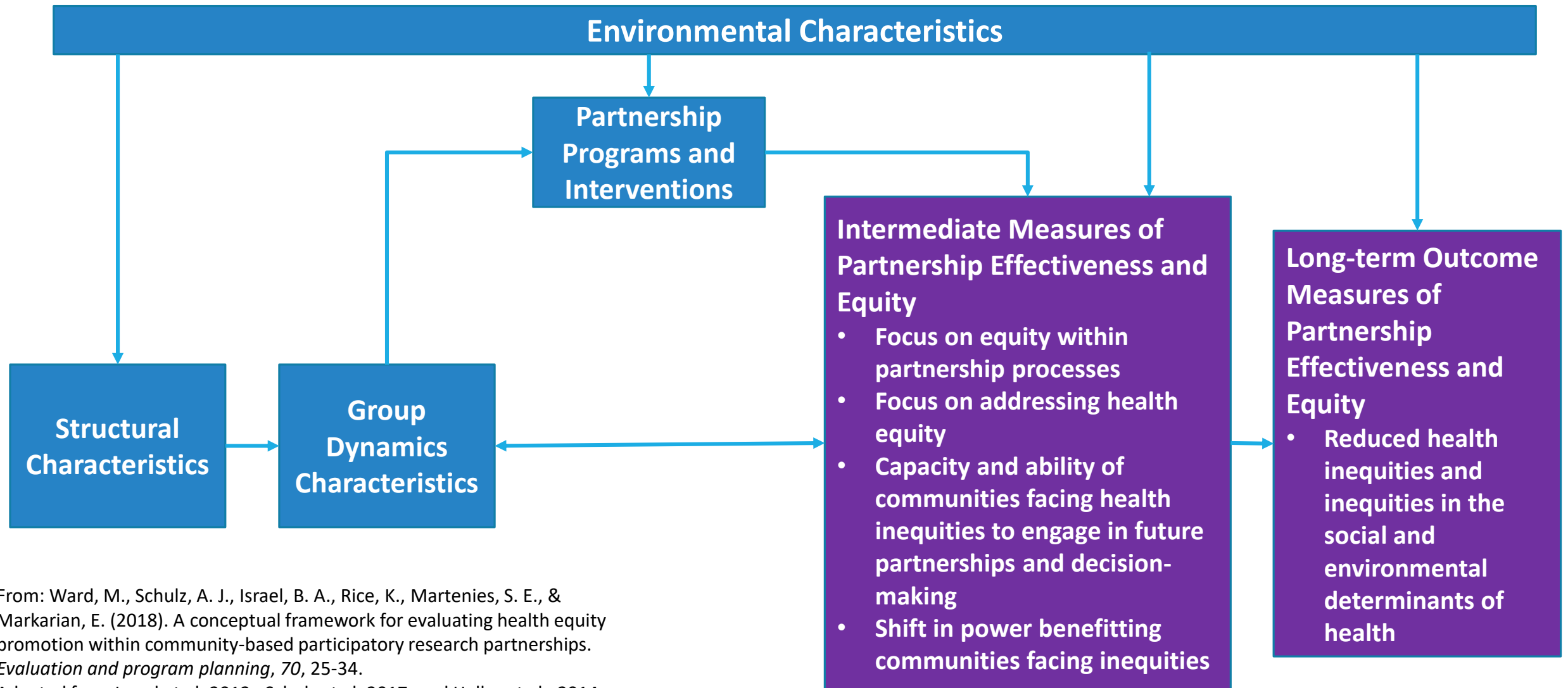
Agenda

- Equity promotion in CBPR partnerships
- Conceptual framework for evaluating equity promotion
- Case study: Community Action to Promote Healthy Environments
- Partnership activities and data collection
- Preliminary evaluation results
- Lessons learned

Equity Promotion in Community-Based Participatory Research

- Collaborative and **equitable** partnership in all phases of research and action
- Focus on problems relevant to local communities
- Ecological approaches to address multiple determinants of health
- Empowerment and power-sharing processes that attend to **social inequities**

Conceptual Framework for Evaluating Equity Promotion in CBPR Partnerships



From: Ward, M., Schulz, A. J., Israel, B. A., Rice, K., Martenies, S. E., & Markarian, E. (2018). A conceptual framework for evaluating health equity promotion within community-based participatory research partnerships. *Evaluation and program planning*, 70, 25-34.

Adapted from Israel et al. 2013, Schulz et al. 2017, and Heller et al., 2014.



Community Action to Promote Healthy Environments Partnership (CAPHE)



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Air Quality in Detroit, Michigan

Playground next to Industrial Source in Delray, Detroit, MI

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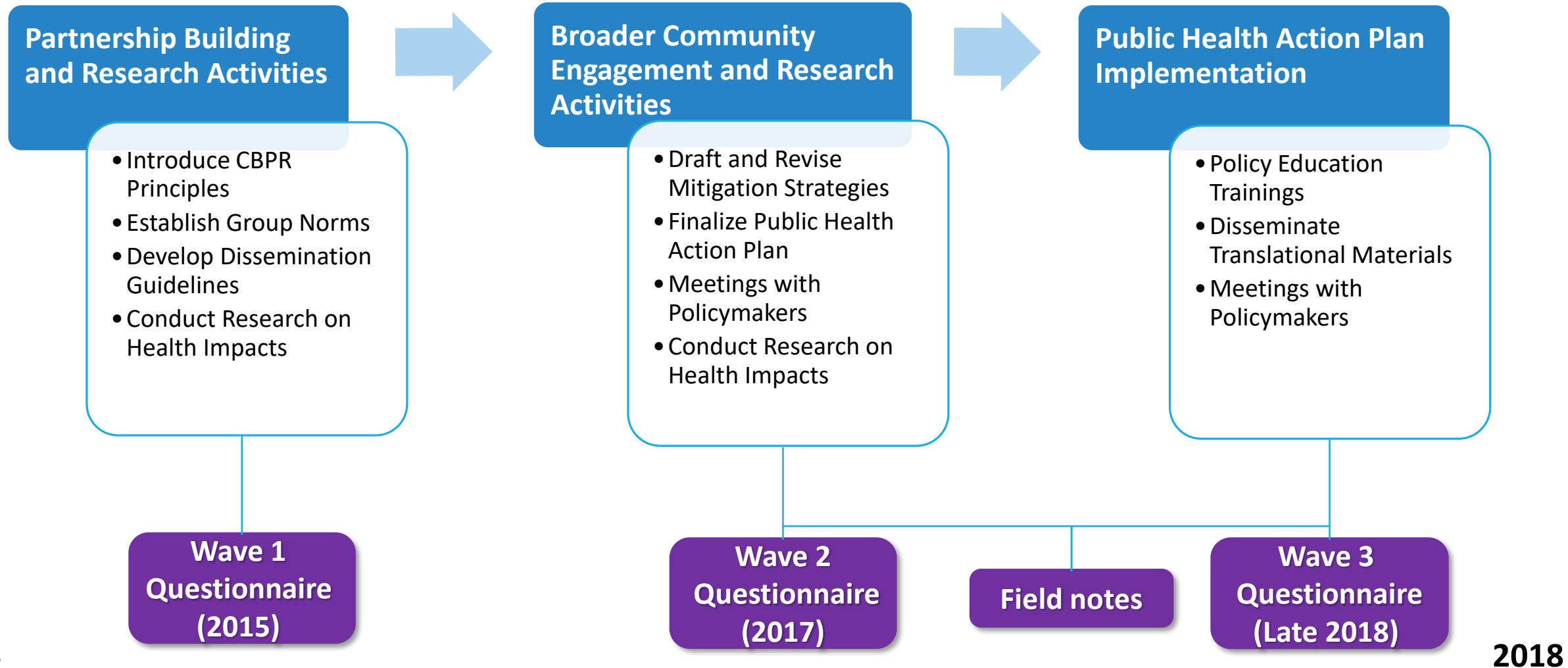




CAPHE's Approach

- **Equitably** engage community and academic partners
- Increase knowledge about exposure to air pollution & health effects
- Translate findings into a public health action plan
- Implement innovative policy & practice solutions
- Build on community strengths
- **Formatively evaluate** process and impact

Partnership Activities and Data Collection



Example Metrics: Focus on Equity in Partnership Processes

Equity Metrics	Indicators
Issues analyzed are community identified and relevant	Processes, analyses, and activities are informed by communities facing inequity
Response to community concerns in action strategies and recommendations generated by the partnership	Processes or criteria to develop recommendations and strategies Incorporation of community input or concerns in recommendations and strategies
Use of community knowledge and experience as evidence in analyzing equity impacts	Incorporation of community input in analyses of health impacts Co-authorships and co-presentation of research projects

Questionnaire Results, Wave 2

Steering Committee Questionnaire Items (2017)	Agree or Strongly Agree %
CAPHE partnership goals reflect a focus on equity.	100%
CAPHE has been effective in forming relationships between diverse people and/or organizations.	94%
Through my participation in CAPHE, I have built relationships with individuals and/or organizations outside of my community.	94%
CAPHE has developed common goals that are understood and supported by all partners.	94%

n=17

Questionnaire Results, Wave 2

Steering Committee Questionnaire Items (2017)	Agree or Strongly Agree %
CAPHE's activities are informed by representatives from communities facing heightened health risk.	88%
CAPHE's activities aim to benefit communities facing heightened health risk	88%
CAPHE has clearly communicated how its actions will address air quality and health inequities in Detroit	76%
CAPHE has been effective in sharing information within Detroit about strategies to reduce adverse health effects	59%

n=17

Open-ended Items

- What do you hope CAPHE will accomplish in the following year?
- What recommendations do you have for how to strengthen CAPHE's work in Detroit?
- What suggestions do you have to facilitate CAPHE's efforts to improve air quality in Detroit?
- What recommendations do you have for how to strengthen our partnership?

Themes

Wave 1

Identify best practices to share with partners

Formulate air pollution mitigation strategies

Develop the Public Health Action Plan

Share information to broader communities and decision-makers

Wave 2

Raise awareness in Detroit about air quality and mitigation strategies

Implement Public Health Action Plan recommendations successfully

Further engaging community members and decision-makers


Influence policy and policymakers

Selected Responses, Wave 2

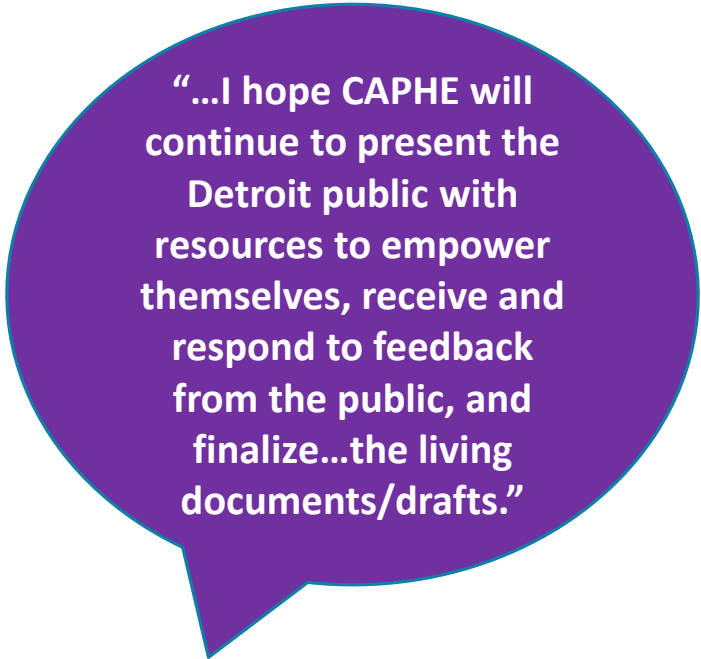
Further engaging community members and decision-makers



“Reaching out to groups beyond the ‘usual suspects’ in community and EJ organizations in Detroit.”



“I believe we need to increase our focus on reaching community leaders who are not ‘at the table’ with us.”



“...I hope CAPHE will continue to present the Detroit public with resources to empower themselves, receive and respond to feedback from the public, and finalize...the living documents/drafts.”

Lessons Learned and Next Steps

- CAPHE goals and action strategies reflect a focus on promoting equity
- Community engagement and raising awareness are equity promotion priorities
- Findings promote reflection on equity in partnership processes and impacts
- Multiple data sources help to assess equity dimensions

Thank you to the CAPHE Core Team, Steering Committee & Public Health Action Planning Team, and to the representatives of all the organizations and agencies who provided input on the CAPHE Public Health Action Plan, with a special thank you to the environmental justice advocates and community members of Detroit.

