



Evaluating Equity in a CBPR Partnership: Formative Evaluation of Community Action to Promote Healthy Environments

Melanie Ward, Angela Reyes, Amy J. Schulz, Barbara A. Israel, Kristina I. Rice, & Donele Wilkins on behalf of Community Action to Promote Healthy Environments (CAPHE)

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PRESENTER DISCLOSURES

Melanie Ward and Angela Reyes (Co-Presenters)

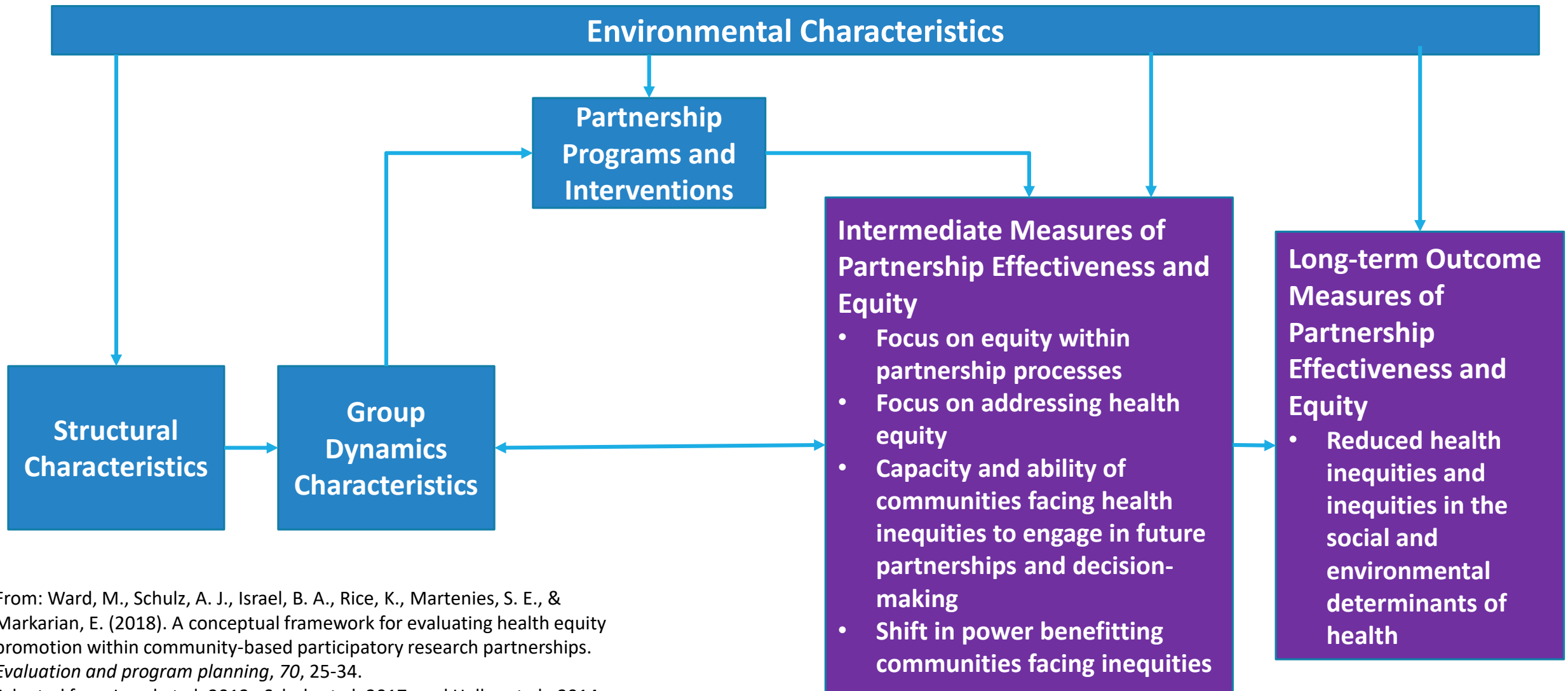
The following personal financial relationships with commercial interests relevant to this presentation existed in the past twelve (12) months:

NO RELATIONSHIPS TO DISCLOSE

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)



Contact: Kristina Rice, Project Manager, klrice@umich.edu



Air Quality in Detroit, Michigan

Playground next to Industrial Source in Delray, Detroit, MI

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CAPHE's Approach

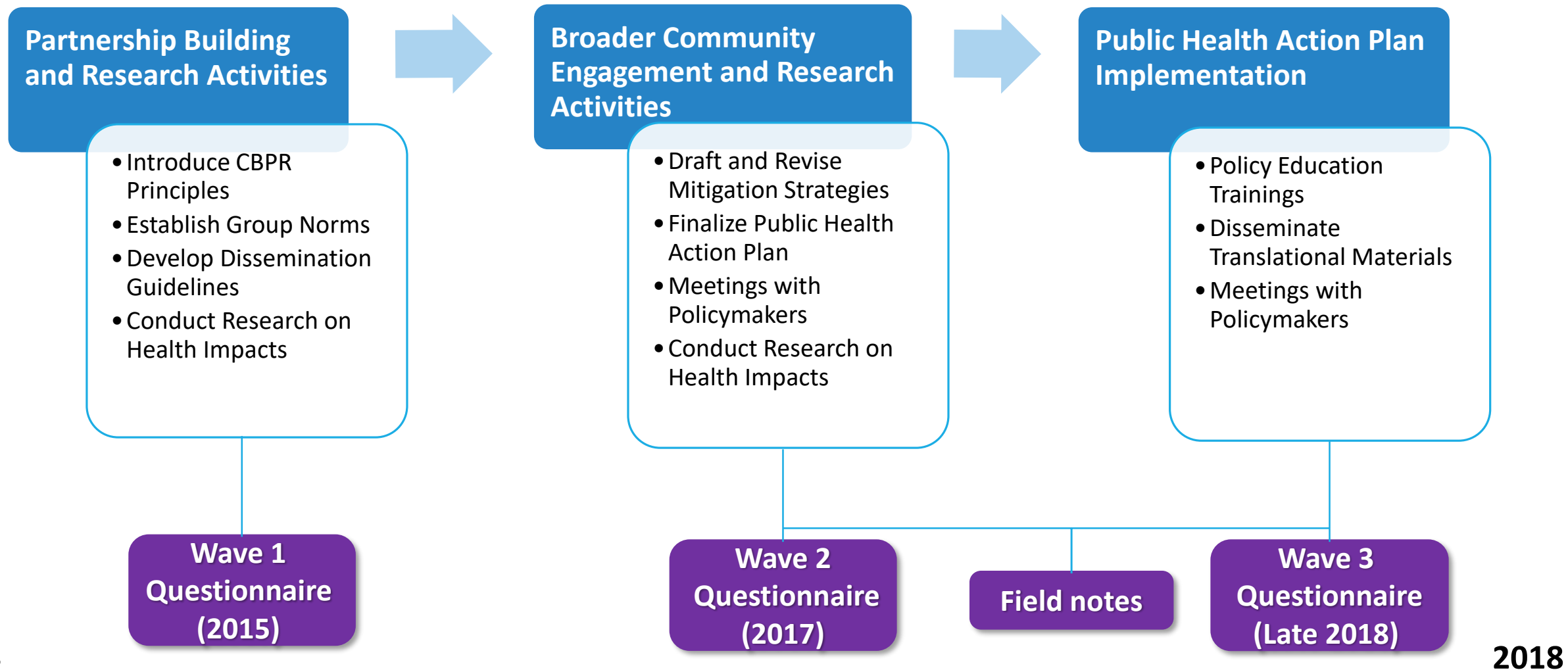
- **Equitably** engage community and academic partners
- Increase knowledge about exposure to air pollution & health effects
- Translate findings into a public health action plan
- Implement innovative policy & practice solutions
- Build on community strengths
- **Formatively evaluate** process and impact



Formative Evaluation Process

- Evaluate processes and outcomes at multiple time points
- Capture perceptions of evaluation findings and partnership activities
- Collaboratively discuss findings and strategies to strengthen equity promotion
- Continually improve partnership efforts

Partnership Activities and Data Collection



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%

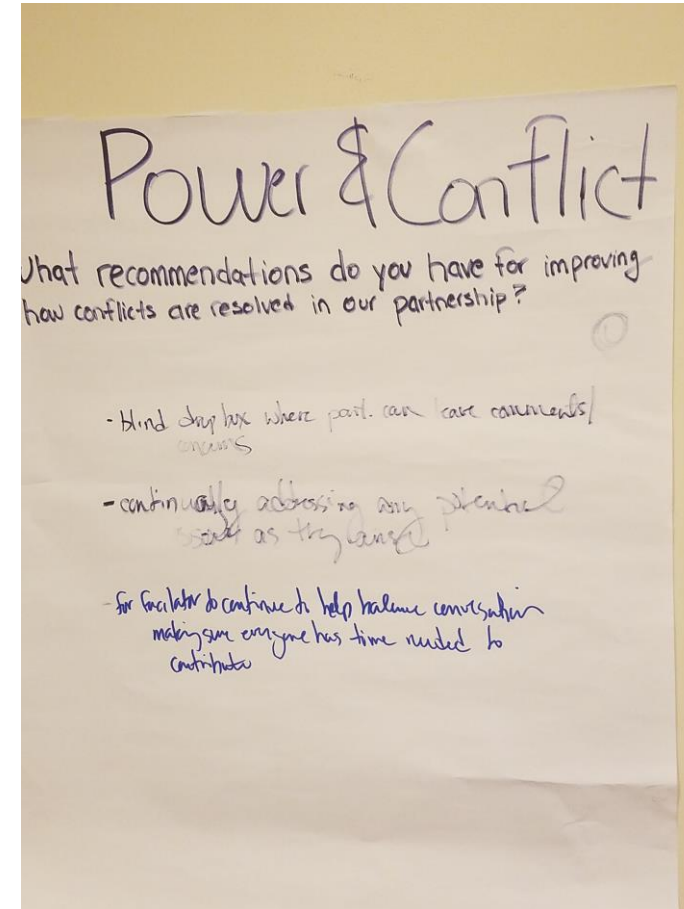
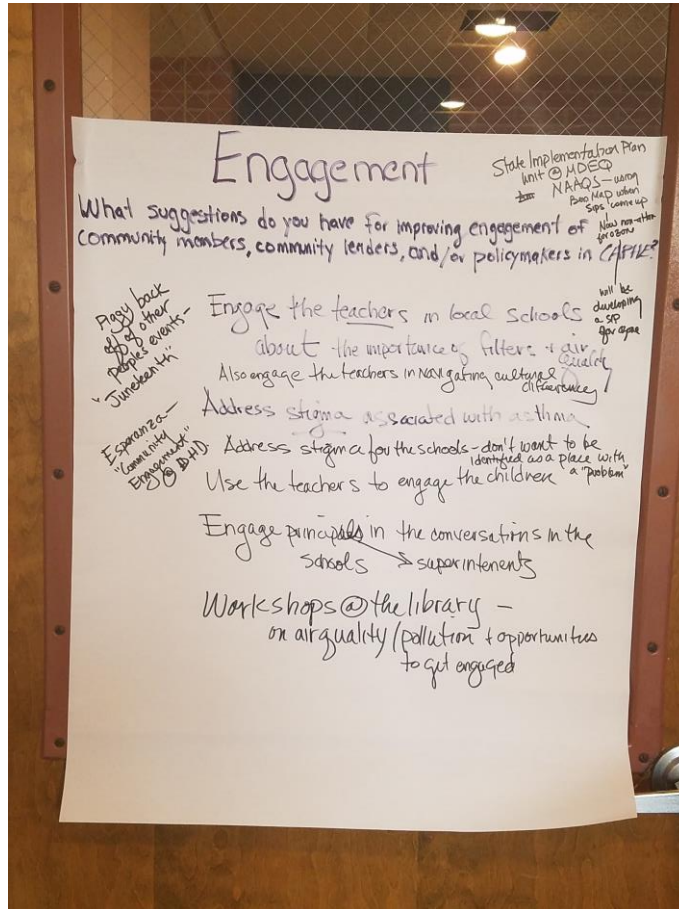
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Questionnaire Results, Wave 2

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%

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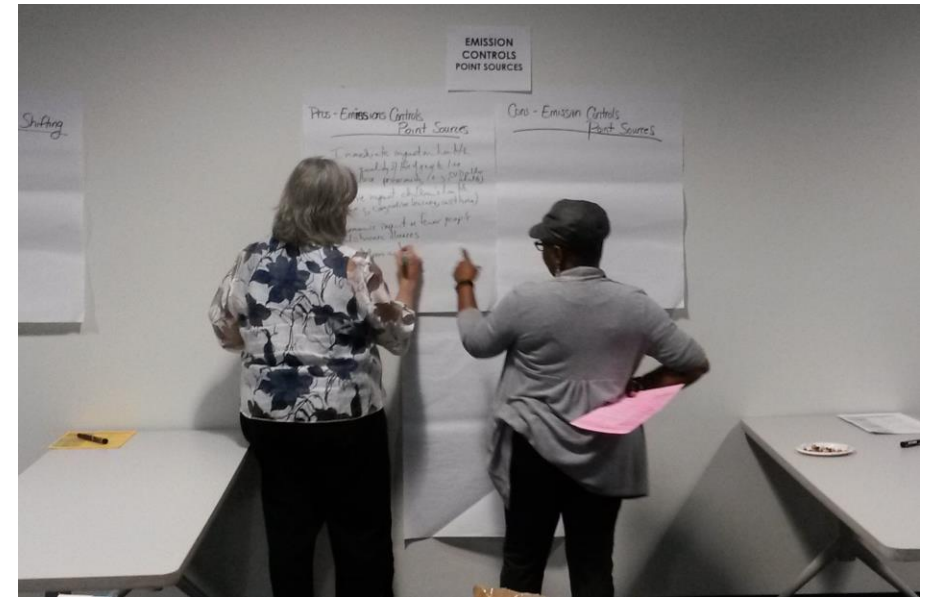
Focused Discussion of Findings



Raising Awareness Among Groups Facing Inequities

Recognizing and addressing communication barriers, including:

- Religious and cultural differences
- Internet access
- Language barriers



Engaging Communities and Decision-Makers

- Engaging local teachers and school administrators
- Community engagement at local libraries, etc.
- Recognizing the role of residential segregation and social determinants of health in community engagement:

“People need to have an opportunity to be healthy.”

Strategies for Equity Promotion

- Community engagement subcommittee
- Identify high-priority groups, individuals, and organizations
- Translate community outreach materials
- Meetings with decision-makers
- Use data and CAPHE resources to address current air quality issues



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
- Formative evaluation promotes reflection on strategies to strengthen equity
- Multiple data sources help to explore 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.

