

1 COMMUNITY ACTION TO PROMOTE HEALTHY ENVIRONMENTS (CAPHE) GOALS AND OBJECTIVES

Community Action to Promote Healthy Environments (CAPHE) is a partnership of community-based organizations, academic researchers, and public health and environmental health practitioners based in governmental organizations. Our overarching goal is to work collaboratively to develop and implement a scientifically-informed public health action plan designed to reduce exposure to air pollutants and mitigate adverse health effects in Detroit, with a particular focus on vulnerable populations.

Toward this end, our specific objectives are to:

- 1) Strengthen, support and enhance our individual and collective capacity to work together to conduct research and communicate effectively about the science of air pollution and its effects on human health, and for all partners to be actively engaged in all aspects of the research and its translation into action;
- 2) Identify important sources of air pollution associated with adverse health outcomes among Detroit residents;
- 3) Examine and evaluate strategies to mitigate these adverse health outcomes;
- 4) Use the information above to develop a multilevel, integrated and scientifically-informed public health action plan that includes recommendations designed to reduce air pollutant exposures and mitigate adverse health effects;
- 5) Develop and implement campaigns, interventions and policies to promote recommendations in the public health action plan, in order to reduce pollutant exposure and mitigate adverse health effects. Efforts will be undertaken collaboratively by community, practice and academic partners, and will be designed to engage community residents, planners, community and business leaders, as well as public health and other local decision makers.

Evaluate the effectiveness and impact of these activities, which aim to improve health outcomes and quality of life in communities disproportionately at risk for adverse health effects linked to air pollution.