



# Children's Environmental Health

A Workshop on Future Priorities for Environmental Health Sciences

Germaine Buck Louis, Planning Committee Chair

**August 1-4, 2022**

<https://www.nationalacademies.org/event/08-01-2022/childrens-environmental-health-a-workshop-on-future-priorities-for-environmental-health-sciences>

# Background & Task

- Recognizing the 25<sup>th</sup> Anniversary of the Office of Children's Health Protection, U.S. Environmental Protection Agency

<https://www.epa.gov/aboutepa/about-office-childrens-health-protection-ochp>

- Our tasks:
  - Discuss the state of knowledge on environmental exposures during **vulnerable life stages** (preconception, prenatal, infancy, early childhood, adolescence).
  - Identify scientific areas that may be important to **advance our understanding** of life stage vulnerabilities, including transgenerational, and children's health.
  - Identify scientific-based opportunities critical for improving **risk assessment and regulatory decision making** aimed at improving children's health.
  - Highlight how contemporary **scientific knowledge may improve policies and programs** to protect children's health.

# Workshop Agenda

## Day 1

- Leveraging past and discoveries to inform future research & action
- Filling critical scientific gaps

## Day 2

- Environmental influences across the lifespan and generations

## Day 3

- Harnessing data for decision making

## Day 4

- Case examples
- Balancing uncertainty and prevention

# Planning Committee

- **Mona Hanna-Attisha**, Founder and Director, Michigan State University and Hurley Children's Hospital Pediatric Public Health Initiative, Michigan State University – College of Human Medicine
- **Daryl B. Hood**, Professor, Environmental Health Sciences, College of Public Health, Ohio State University
- **Heather Patisaul**, Professor, Department of Biological Sciences, North Carolina State University
- **Nsedu Witherspoon**, Executive Director, Children's Environmental Health Network

## NAS Staff Acknowledgement

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# Logistics

- This is a public webcast workshop to engage a large audience for discussion & future direction.
- Please use the chat box underneath the webcast video to submit your questions.
- Thoughts shared during the course of the workshop should not be interpreted as the opinion of the National Academies of Sciences, Engineering, and Medicine.
- The full workshop will be recorded and posted to the workshop webpage in about 7 business days. All registrants will receive an announcement as soon as it's ready.
- A written summary of the workshop will be published in the next few months.