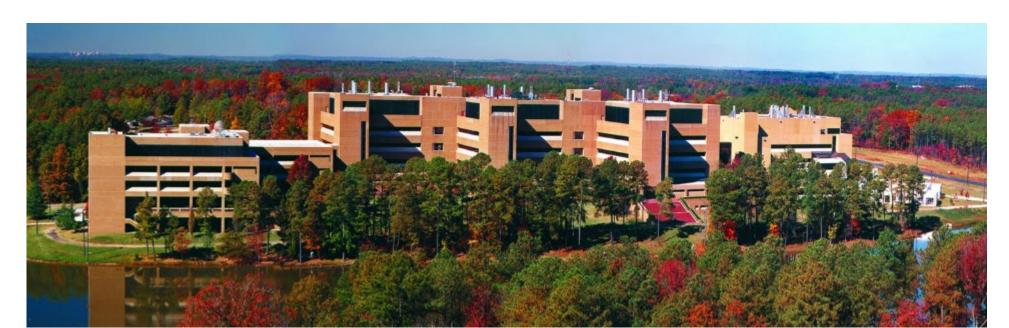
NIEHS Programs in Children's Environmental Health (CEH)

Gwen W. Collman, Ph.D Acting Deputy Director, NIEHS
Secretary's Advisory Council on Infant Mortality (SACIM)
January 26, 2021

The National Institute of Environmental Health Sciences

- Located in Research Triangle Park, NC
- Mission: To discover how the environment affects people in order to promote healthier lives
- FY2020 budget of about \$667 million

- Wide variety of programs:
 - Intramural laboratories
 - Extramural funding programs
 - National Toxicology Program
 - Clinical research program



NIEHS & EPA Children's EH Centers Program History & Milestones





Legislation (1997)

Program established (1998)

2001 - 2004



Expansion & Renewal (2001-2006)

2005 - 2010



Evaluation & Planning (2007-2009)

Funded six 5-year and six formative Centers (2010)

2011 – 2014



Total of 14 Centers (2011)

Funded eight 5year Centers (2013)

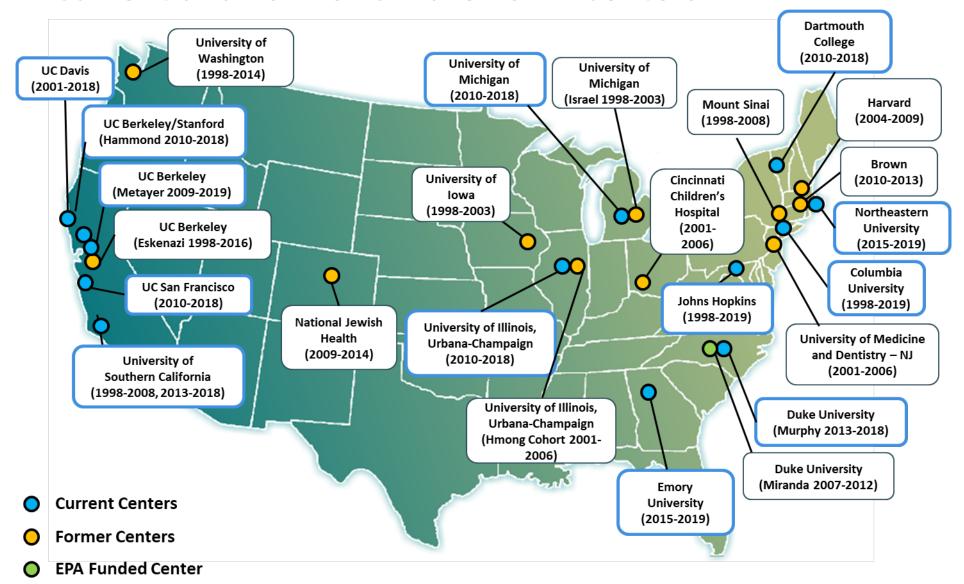
2015 - 2020



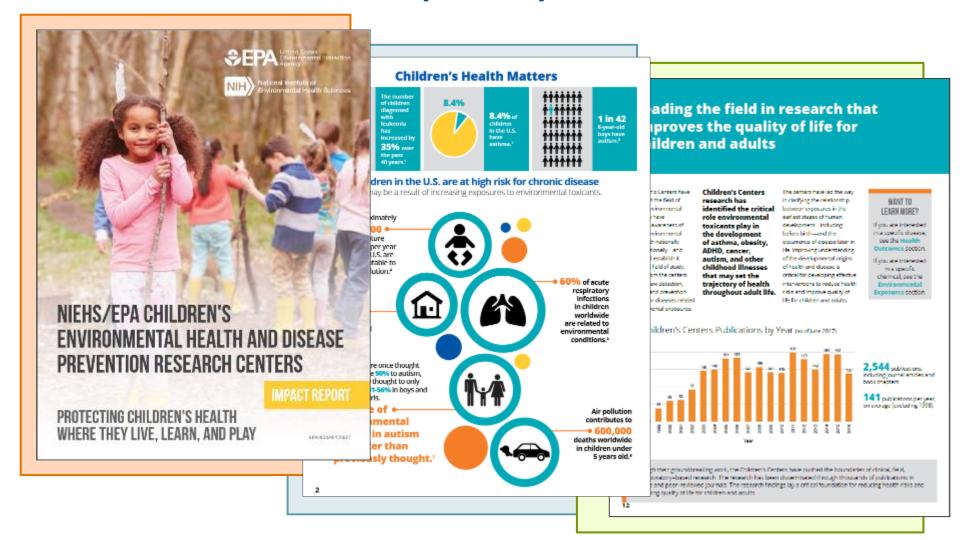
Funded five P50 Centers (2015)

Release of CHEAR RFAs (2015)

Current and Former Children's EH Centers



Children's EH Centers Impact Report



Other Research Programs of Interest Infant mortality, Maternal and Child Health, Maternal Morbidity & Mortality

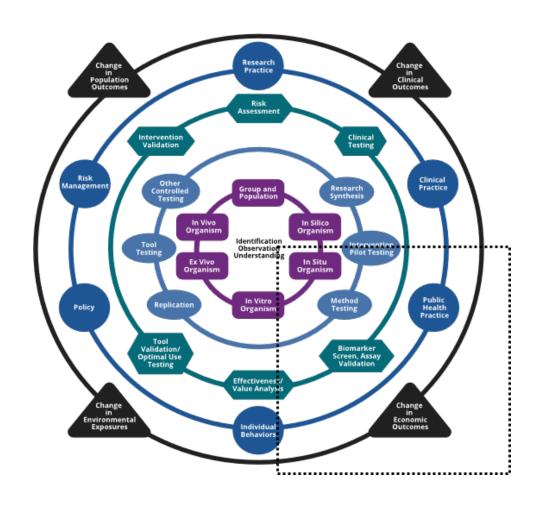
- Environmental Health Disparities Centers with NIMHD
- Environmental Children's Health Outcomes (NIH/OD; trans-NIH effort)
- Household Air Pollution Clinical Trial (NHLBI, NIEHS, FIC)
- NIEHS Superfund Research Program
- NIEHS IRP Perinatal and Early Life Research Group in the Epidemiology Branch
- Birth Defects research program (NICHD, NIEHS)
- Human Health Exposure Resource (NIEHS)
- ORWH trans-NIH efforts in MMM
- Pregnancy as a vulnerable window for Maternal Health
- <u>Environmental Influences on Placental Origins of Development (ePOD)</u>
- Environmental factors in Autism
- INCLUDE Downs Syndrome Research Program

Training Programs of Interest

Infant Mortality, Maternal and Child Health and Maternal Mortality & Morbidity

- Pediatric & Reproductive Environmental Health Scholars Program
- Pediatric Environmental Health Specialty Units (CDC & EPA)
- Early Career Investigator program in the NIEHS & EPA Children's EH Centers
- Post-doc trainees in the Intramural Programs at NIEHS and NICHD

Research Translation



- NIEHS CEH Research Translation Centers (FOA ES 20-001)
- DNTP Systematic review of hypertensive heart disease during pregnancy and TRAP
- Pediatric Environmental Health Specialty Units (CDC & EPA)
- Community Engagement Cores
- Partnerships in Environmental Public Health