Who we are and what we do

The Emory University C-CHEM² Project studies how exposure to toxicants in our environment affect the health of African American mothers and babies.

We are an Atlanta-based group of researchers, community advocates, mothers, and caregivers—trying to understand the relationship between everyday toxicant exposures and: 1) the maternal and infant microbiome, 2) pregnancy and birth outcomes, and 3) infant health and development.

Why This Matters

For Mom

Reproductive Health and Birth Outcomes

1. Full Term Birth
2. Healthy Pregnancy
3. Improved Fertility
4. Normal Hormone Levels
For Baby

Infant Development
1. Improved School Performance
2. On Time Developmental Milestones
3. Positive Behavior
4. Healthy Weight
5. Improved Respiratory Health

Our Work

Project 1
What Are The Exposures? Where Do They Come From?

Project 2
How Do Exposures Influence Baby Brain Development?

Project 3
How Do Chemical Exposures Affect Our Body’s Natural Metabolism? How Might These Effects Lead To Disease?

Community Outreach And Translation Core (COTC)
How Can We Translate Research Findings Into Practical Information To Improve The Health Of African-American Mothers And Babies?

#smallchangesBIGdifference #cchem2 #knowbetterlivebetter #protectKidsHealth

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