Children’s Environmental Health Initiative (CEHI)

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Children’s Environmental Health Initiative

A research, education, and outreach program committed to fostering environments where all people can prosper

- Focus on children
- Special interest in issues of environmental justice
- Move from mitigative to preventive approaches
- Emphasis on spatial analytic approaches
Conceptual Framework

Host Factors
- personality
- genetics
- age
- co-morbidity

Environmental Factors

Social Factors

Household

Community
Four Key Observations

- Health is spatially patterned
- Contributors to health are spatially patterned
- Health care resources are spatially patterned
- Geographic scale
Up is More Important than Down

Don’t just download data – upload results in ways that are accessible and actionable

Example

Childhood lead exposure
Childhood Lead Exposure

Up – Model/Results Freely Available

- Health department uses to drive screening program
- Housing department uses to prioritize housing rehabilitation dollars
- Incorporate into pediatric EHR
- Step by step instructions used by many to build model in other places
- Results used by us and available to others in mixtures work
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