Emerging Science for Environmental Health Decisions

Advances in Causal Understanding for Risk Based Decision Making

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Kimberly Thigpen Tart, JD, MPH
Government Liaison
National Institute of Environmental Health Sciences
National Toxicology Program
The National Institute of Environmental Health Sciences

- One of the 27 National Institutes of Health, but located in RTP, N.C.
- Wide variety of programs supporting our mission of environmental health

- Intramural laboratories
- Clinical research program
- Extramural funding programs
- National Toxicology Program
- Disease prevention
- Public health focus
NIEHS Strategic Plan

Mission
The mission of the National Institute of Environmental Health Sciences is to discover how the environment affects people in order to promote healthier lives.

Vision
The vision of the National Institute of Environmental Health Sciences is to provide global leadership for innovative research that improves public health by preventing disease and disability.
Strategic Goal #1:
Identify and understand fundamental shared mechanisms or common biological pathways (e.g., inflammation, epigenetic changes, oxidative stress, mutagenesis) underlying a broad range of complex diseases, in order to enable the development of broadly applicable prevention and intervention strategies.

Strategic Goal #3:
Transform exposure science by enabling consideration of the totality of human exposures and links to biological pathways and create a blueprint for incorporating exposure science into human health studies.
Strategic Goal #7:

Use knowledge management techniques to create a collaborative environment for the EHS community to encourage an interdisciplinary approach to investigate, analyze, and disseminate findings.

Strategic Goal #10:

Evaluate the economic impact of policies, practices, and behaviors that reduce exposure to environmental toxicants through prevention of disease and disabilities; invest in research programs to test how prevention improves public health and minimizes economic burden.
Thank you!