

AGENDA

Webinar and EPA's Washington, DC Office
Room 1153, EPA East, 1201 Constitution Ave NW

Monday August 26, 2013

This workshop will examine the “state of the science” of systematic review methodology, focusing on recent developments as the methodology has expanded outside the arena of evidence-based medicine. In addition, different frameworks used to synthesize various types of evidence for evaluating causality will be explored.

- 8:30 am | Welcome and Overview
Lynn Flowers – U.S. Environmental Protection Agency
- 8:40 am | Keynote Address: Using Systematic Review Methods to Strengthen Risk Assessments
Jonathan Samet – University of Southern California

Session I

Moderator: Beth Owens, U.S. Environmental Protection Agency

- 9:10 am | Session Introduction: Criteria for Evaluation of Observational Epidemiology Studies: Developing or Adapting Optimal Approaches
- 9:15 am | The Newcastle-Ottawa Scale: A Springboard for Evaluating Epidemiology
Glinda Cooper – U.S. Environmental Protection Agency
- 9:40 am | Study Quality Assessment of Observational Human Studies in the Draft OHAT Systematic Review Framework
Kristina Thayer – National Toxicology Program
- 10:05 am | Morning Break
- 10:15 am | Panel Discussion: Evaluating Observational Epidemiology Studies
Aaron Blair – National Cancer Institute
Jim Collins – Dow Chemical Company
Ruth Lunn – National Toxicology Program
Matthew Strickland – Emory University
- 10:55 am | Questions and Discussion
- 11:15 am | Instruments for Assessing Risk of Bias and Other Methodological Criteria of Published Animal Studies: A Systematic Review
David Krauth – University of California – San Francisco
- 11:35 am | Open Forum Discussion
- 12:00 pm | Lunch

Session 2

Moderator: Glinda Cooper, U.S. Environmental Protection Agency

1:00 pm	Session Introduction: Synthesizing and Integrating Evidence Across Disciplines
1:05 pm	Role of Mechanism Data in Systematic Review Mechanism Data: The Third Data Stream in Risk Assessment <i>Ivan Rusyn – University of North Carolina – Chapel Hill</i>
1:30 pm	Mode of Action: Central Organizing Framework for Risk Assessment <i>Bette Meek – University of Ottawa</i>
1:55 pm	Questions and Discussion
2:15 pm	Afternoon Break
2:30 pm	Frameworks for Integrating Evidence Survey of Existing Frameworks and Insights on Integration Challenges <i>Lorenz Rhomberg – Gradient</i> NCEA Causal Frameworks: Focus on Integrated Science Assessment <i>Mary Ross – U.S. Environmental Protection Agency</i> A Path Forward for Systematic Review in Environmental Health: The Navigation Guide Methodology <i>Tracey Woodruff – University of California – San Francisco</i> Application of Systematic Review Frameworks to Environmental Health <i>Colleen Lanier-Christensen – Environmental Defense Fund</i>
3:30 pm	Panel Discussion: Frameworks for Synthesizing and Integrating Evidence <i>Samuel Cohen – University of Nebraska Medical Center</i> <i>Juleen Lam – Environmental Defense Fund</i> <i>Lorenz Rhomberg – Gradient</i> <i>Mary Ross – U.S. Environmental Protection Agency</i> <i>Tracey Woodruff – University of California – San Francisco</i>
4:30 pm	Open Forum Discussion
5:00 pm	Adjourn