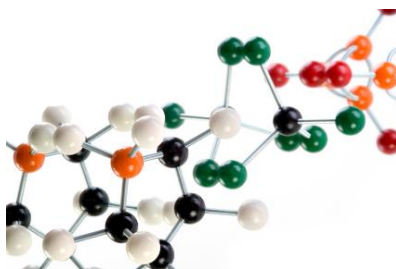




Beyond Science and Decisions: From Problem Formulation to Risk Assessment

October 26 & 27, 2026

VIRTUAL



Workshop Co-Chairs:
Pamela Williams and Tracie Phillips

Workshop Coordinators:
Christen Williams

Workshop Rapporteur:
Chijioke Onyema

Workshop XVI Agenda & Purpose:

To advance the recommendations in the NAS (2009) report concerning issue identification (problem formulation) and all aspects of risk assessment and management, through selection of illustrative research case studies for further development

Day 1: Monday, October 26th

(note: all times are UTC-6 or Austin, Texas time, to accommodate a diverse spread of time zones)

Chair: **Pamela Williams**

Welcome (9:00 to 9:15)

- **TBD**, Texas Commission on Environmental Quality (TCEQ)
- **Michael Dourson**, Member of the *ARA* Advisory Panel
- **TBD**, Member of the Science Panel

Keynote Talk: Talking about risk in a hazard-prone world

(9:15 to 10:00)

- **Professor Katherine McComas**, Cornell University

Morning Break (10:00 to 10:30)

Case study 1: Benefits and risks of pasteurizing donor breast milk and bovine milk (10:30 to noon)

- **Peg Coleman**, Coleman Scientific Consulting
- Discussion by the Science Panel
- Comments from Observers

Lunch break (noon to 1:00)

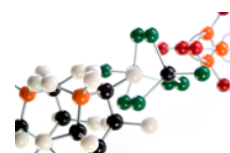
Case Study 2: Scientific sufficiency of causal claims: A practical approach (1:00 to 2:30)

- **Tony Cox**, Cox and Associates
- Discussion by the Science Panel

Afternoon Break (2:30 to 3:00)

Case Study 2: Continued (3:00 to 5:00)

- Discussion by the Science Panel
- Comments from Observers
- Chair's Summary



Day 2: Tuesday, October 27th

Chair: **Tracie Phillips**

Case Study 3: Scientific Rigor in the Era of New Assessment Methods (NAMs): Key Characteristics Approach and Evidence-Based Weight of Evidence Frameworks (8:30 to 10:00)

- **Christopher J. Borgert**: Conceptual and Methodological Flaws of the Key Characteristics Approach and Solutions from Weight of Evidence (WoE) Frameworks
- **Carr Smith / David Saltmiras**: Key Characteristics Approach vs. Evidence-Based MoA for Carcinogens
- **Donna Farmer**: Key Characteristics Approach vs. WoE for Endocrine Disruption
- Discussion by the Science Panel

Morning Break (10:00 to 10:30)

Case Study 3: Continued (10:30 to noon)

- Discussion by the Science Panel
- Comments from Observers
- Chair's Summary

Lunch Break (noon to 1:00)

Ongoing Activities (1:00 to 2:30)

Does toxicology need a reformation? Results from an SOT workshop

- **Christopher Borgert**, Applied Pharmacology and Toxicology, Inc.

Retire the Linear No-Threshold (LNT) Model?

- **Dennis Paustenbach**, TRC Companies (*invited*)

Afternoon Break (2:30 to 3:00)

Ongoing Activities continued (3:00 to 4:30)

The Tungsten reference dose (RfD)

- **Ranulfo Lemus**, International Tungsten Industry Association

Perchlorate: A Final Number Please

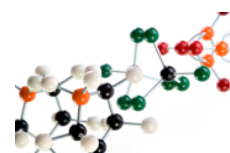
- **Susan Goldhaber**, SBG Consulting Inc.

Implications of the advancement of knowledge on mutagenic modes of action for default linear extrapolation

- **Bette Meek**, University of Ottawa

Summary of the Workshop (4:30 to 5:00)

- **Pamela Williams** and **Tracie Phillips**



Adjourn (5:00)

