Causal Inference Methods in Air Pollution Health Effects Research and Policy

Co-Chairs:

Francesca Dominici / Harvard TH Chan School of Public Health & HEI Research Committee

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Speakers

- **Tony Cox**, Cox Associates
- **Sharon-Lise Normand**, Harvard Medical School and TH Chan School of Public Health
- Panel: **Lianne Sheppard**, University of Washington School of Public Health
Some questions we have asked…

- What are the philosophical underpinnings of causal relationships?
- For any causal inference method, what are the key elements:
  - assumptions
  - design considerations
  - theoretical properties
  - data requirements?

- What else do we need to know, or to be given (peer review, simulation studies, sensitivity analyses, etc.), to critically evaluate the validity of the methods?

- What are other potential opportunities and shortcomings that we should be aware of?

- Suggested readings?