



The Toxicity of Power

Integrated Toxicology and Environmental Health Program Fall Symposium

November 13, 2015

Field Auditorium, Environmental Hall

Duke University

This symposium brings together scientists, students, regulators and the concerned public to highlight specific toxicological problems from a range of energy producing activities and to discuss ways in which these problems can be minimized.

- 8:30 am Registration Opens
- 9:00 am ***Welcome and Introduction***
Edward D. Levin and Richard Di Giulio, PhD, Duke University
- 9:10 am ***Mountaintop Mining and Public Health***
Michael Hendryx, PhD, Indiana University
- 9:50 am ***The Environmental Implications of Hydraulic Fracturing***
Rob Jackson, PhD, Stanford University
- 10:30 am Break
- 10:50 am ***Environmental and Human Health Effects of Conventional and Unconventional energy Exploration: A Comparison of Wastewater from Oil and Gas Production and Coal Ash Disposal***
Avner Vengosh, PhD, Duke University
- 11:30 am ***Mercury Pollution: From Power Plants to Human Exposure***
Celia Chen, PhD, Dartmouth University
- 12:10 pm Lunch
- 1:00 pm ***Lessons in Toxicity Learned from the Deepwater Horizon Oil Spill***
Tracy Collier, PhD, University of Washington
- 1:40 pm ***GuLF Study***
Richard Kwok, PhD, NIEHS
- 2:20 pm ***NIEHS Disaster Research Response (DR2) Program***
TBA speaker, NIEHS
- 3:00 pm **Discussion**

Register at <https://nicholas.duke.edu/upcoming-events/itehp-seminar-fall-symposium>