



ITEHP Spring 2010 Symposium:
Mountaintop Coal Mining: Human Health & Ecological Concerns
Friday, April 9, 2010
Searle Center Lecture Hall, Duke University

- 8:00 Continental breakfast & Introductions
- 8:30 Emily Bernhardt, Duke University:
The Environmental Impacts of Mountaintop Mining - An overview
- 9:10 William Orem, United States Geological Survey:
Coal and Human Health
- 9:50 Avner Vengosh, Duke University:
The Impact of Coal Combustion Products on the Environment: insights from the December 2008 Tennessee Valley Authority (TVA) Coal Ash Spill
- 10:30 Break
- 10:50 Miroslav Styblo, University of North Carolina, Chapel Hill:
Arsenic and Human Health, Exposures and Mechanisms
- 11:30 Greg Pond, US Environmental Protection Agency:
Downstream Impacts of MTM to Aquatic Communities in West Virginia and Kentucky Streams
- 12:10 Lunch
- 1:10 Michael Hendryx, West Virginia University:
Epidemiological Studies in Appalachia
- 1:50 David Buchwalter, North Carolina State University:
Identifying Water Chemistry Issues Most Responsible for Aquatic Insect Declines in Valley Fill Streams
- 2:30 Michelle Nowlin, Duke University:
Legal Framework: The Intersection of Science, Policy and Community
- 3:10 Adjourn

Symposium Sponsors:

Duke University Superfund Research Center (NIEHS P42-ES010356)
Duke University Center for the Comparative Biology of Vulnerable Populations (NIEHS P30-ES011961)
Duke University Integrated Toxicology and Environmental Health Program

For more information or to register by April 5th, please contact Eve Marion emarion@duke.edu (919-613-8078)
or Dr. Edward Levin edlevin@duke.edu