

**U.S. EPA Workshop on Research Needs for Community-Based Risk Assessment
October 18–19, 2007**

**U.S. Environmental Protection Agency
Main Campus, Building C, Auditorium A
Research Triangle Park, NC**

AGENDA

Thursday, October 18, 2007

- 8:45–8:55 a.m. **Welcoming Remarks**
Hugh Tilson, U.S. Environmental Protection Agency (EPA), National
Program Director for Health
- 8:55–9:25 a.m. **Keynote Address: Genetics Is Involved in Everything, But Not
Everything Is Genetic**
Kenneth Olden, Past Director, National Institute of Environmental Health
Sciences (NIEHS)
- 9:25–9:45 a.m. **Summary of Session: “Exposure Assessment Methods in Community-
Based Risk Assessment” From the International Society of Exposure
Analysis (ISEA) 17th Annual Conference**
Valerie Zartarian, Environmental Engineer, EPA, and Brad Schultz,
Exposure Modeling Research Branch, EPA
- 9:45–10:00 a.m. **Break**

Session I: Data Needs and Measurement Methods for Community-Based Risk Assessment

- 10:00–10:25 a.m. **Development of Nanoscaled Sensor Systems for Detecting and
Monitoring of Environmental Chemical Agents**
Desmond Stubbs, Oak Ridge Center for Advanced Studies
- 10:25–10:50 a.m. **Data Collection Platforms for Integrated Longitudinal Surveys of
Human Exposure-Related Behavior**
Paul Kizakevich and Roy Whitmore, RTI International
- 10:50–11:15 a.m. **TBA**
Elaine Faustman, University of Washington
- 11:15–11:45 a.m. Panel Discussion
- 11:45–1:00 p.m. **Lunch**

Thursday, October 18, 2007 (continued)

Session II: The Biological Impact of Non-Chemical Stressors and Interaction With Other Environmental Exposures

- 1:00–1:25 p.m. **TBA**
James Herman, University of Cincinnati
- 1:25–1:50 p.m. **Intersections of Social Ecology, Neurobehavioral Development, and Environmental Contamination**
Bernard Weiss, University of Rochester School of Medicine and Dentistry
- 1:50–2:15 p.m. **Social Environment as a Modifier of Chemical Exposures**
Robert Wright, Harvard School of Public Health
- 2:15–2:45 p.m. Panel Discussion
- 2:45–3:00 p.m. **Break**

Session III: Statistical and Mathematical Modeling for Community-Based Risk Assessment

- 3:00–3:25 p.m. **TBA**
Louise Ryan, Harvard School of Public Health
- 3:25–3:50 p.m. **A Multi-Site Time Series Study of Hospital Admissions and Fine Particles: A Case-Study for National Public Health Surveillance**
Francesca Dominici, Johns Hopkins University Bloomberg School of Public Health
- 3:50–4:15 p.m. **Risk Assessment/Risk Communication: Understanding the Community**
Thomas Schlenker, Public Health Madison-Dane County
- 4:15–4:45 p.m. Panel Discussion

Friday, October 19, 2007

- 8:30–9:00 a.m. **Perspectives, Issues, and Needs in Community-Based Risk Assessment**
George Bollweg, EPA Region 5
- 9:00–9:15 a.m. **Overview of Breakout Groups**
Yolanda Sanchez, ASPH Fellow, EPA
- 9:15–10:45 a.m. **Breakout Sessions**
- 10:45–11:15 a.m. **Break**
- 11:15–12:15 p.m. **Breakout Reports to Group**
- 12:15–12:45 p.m. **Closing Remarks**
Michael Callahan, EPA Region 6
- 12:45 p.m. Adjourn