National Institute of Environmental Health Sciences

Assessing Exposures and Health Effects Related to Indoor Biomass Fuel Burning

Monday, August 18, 2014
8:00 a.m. – 5:00 p.m.
NIEHS Building 101, Rodbell Auditorium

Agenda

8:00 – 8:15 a.m.	Welcome and Introduction — Linda Birnbaum, Ph.D., Director, NIEHS and NTP *Overview of Research Efforts*
8:15 – 8:30 a.m.	Claudia Thompson, Ph.D., Branch Chief, Population Health Branch, DERT, NIEHS *NIEHS/WHO Collaborating Centre and NIEHS-funded research on Indoor Air Pollution*
8:30 – 9:05 a.m.	Keynote address Sumi Mehta, Ph.D., Director of Programs, Global Alliance for Clean Cookstoves *Are we getting clean enough? Evaluating exposures to household air pollution*

Assessing Exposure

9:05 – 9:40 a.m.	Ryan Chartier, Chemist, Aerosol Scientist, RTI International *RTI's Cookstove Research and Development of the MicroPEM™ to Support Health Outcome Studies (presented by Jonathan Thornburg)*
9:40 – 10:15 a.m.	Andy Grieshop, Ph.D., Assistant Professor, Department of Civil, Construction, and Environmental Engineering, NCSU *Evaluation of a Climate-Financed Cookstove Intervention in Rural South India*
10:15 – 10:30 a.m.	Break

From Exposure to Toxicology

10:30 a.m. – noon EPA Cookstove Research

- Alan Vette, Ph.D., Acting Deputy Director, Air, Climate, and Energy Research Program, ORD, EPA
  Overview of EPA Cookstove Research
- Jim Jetter, Research Engineer, NRMRL, EPA
  Air Pollutant Emissions From Solid-fuel Cookstoves
- Janice Dye, D.V.M., Ph.D., Research Biologist, NHEERL, EPA
  Approaches to the Assessment of the Toxicity of Cookstove Emissions
- David DeMarini, Ph.D., Genetic Toxicologist, NHEERL, EPA
  Mutagenicity Emission Factors of Cookstoves: Health Effects Implications Relative to Other Combustion Emissions

Noon – 12:50 p.m. Lunch (on your own)

12:50 – 1:25 p.m. Tony Ward, Ph.D., Associate Professor, Center for Environmental Health Sciences, University of Montana
Residential Wood Stove Studies: From the Field to the Laboratory

1:25 – 1:40 p.m. Cynthia Rider, Ph.D., Toxicologist, National Toxicology Program, NIEHS
Cookstove Emissions in the Polycyclic Aromatic Compound Mixtures Assessment Program at the National Toxicology Program

Translational Research and Intervention Strategies

1:40 – 2:15 p.m. Marc Jeuland, Ph.D., Assistant Professor of Public Policy, Global Health, Environmental and Civil Environmental Engineering, Duke University
Increasing ICS Adoption and Use in Rural India: Lessons From the Duke-TRAction Project

2:15 – 2:50 p.m. Pam Jagger, Ph.D., Assistant Professor of Environmental Policy, UNC
The Challenge of Biomass Reliance for Health and Welfare in Malawi

2:50 – 3:05 p.m. Break

Highlighting the Next Generation of Researchers

3:05 – 3:40 p.m. Eleanne van Vliet, Dr.P.H. student, with Patrick Kinney, Sc.D., Columbia University
Personal Exposures to Fine Particulate Matter in Households Using Biomass Fuels in Rural Ghana

3:40 – 4:15 p.m. Lucia G. Pruneda-Alvarez, Ph.D. student, with Ivan Nelinho Perez Maldonado, Ph.D., Universidad Autonoma de San Luis Potosi
Exposure to Indoor Air Pollutants (Polycyclic Aromatic Hydrocarbons, Toluene, Benzene) in Mexican Women

Moving Environmental Health Research Forward

4:15 – 5:00 p.m. Kimberly Gray, Ph.D., Moderator, DERT, NIEHS
Panel discussion — Sumi Mehta, Marc Jeuland, Jim Jetter, Andy Grieshop

5:00 – 5:05 p.m. Closing remarks