



U.S. Environmental Protection Agency Cookstove Research Meeting

EPA at Research Triangle Park, NC
Building C, Classroom C111
And Online Webinar

Wednesday, Feb. 25, 2015

10:00 a.m. **Welcome**

Dan Costa, National Program Director Air, Climate and Energy Research,
U.S. EPA Office of Research and Development (ORD)

10:15 a.m. **Panel #1** – Global, U.S. Government and EPA Cookstoves Research Priorities
Moderator: **John Mitchell**, U.S. EPA Office of Air and Radiation (OAR)

Sumi Mehta, Global Alliance for Clean Cookstoves

Jacob Moss, U.S. Department of State

Bryan Bloomer, U.S. EPA ORD

11:00 a.m. **Linda Birnbaum**, U.S. National Institutes of Health, Director of National Institute
of Environmental Health Sciences

11:15 a.m. **Panel #2** – Cookstoves Research History from the Science Perspective
Moderator: **Michael Hiscock**, U.S. EPA ORD

Vik Kapil, Centers for Disease Control and Prevention

Elliot Levine, U.S. Department of Energy

US DOE Cookstove Research Program

Kirk Smith, University of California, Berkeley

Bill Martin, Ohio State University

12:15 p.m. **Lunch & Poster Session**

1:30 p.m. **John Volckens and Jeff Pierce**, Colorado State University

*Quantifying the Climate, Air Quality and Health Benefits of Improved Cookstoves:
An Integrated Laboratory, Field and Modeling Study*

2:15 p.m. **Mike Hannigan**, University of Colorado, Boulder

*How Will Cleaner Cooking and Lighting Practices Impact Regional Air Quality and
Climate in the Sahel of Africa?*

3:00 p.m. **Break**

3:30 p.m. **Rufus Edwards**, University of California, Irvine

*Characterization of Emissions from Small, Variable Solid Fuel Combustion Sources
for Determining Global Emissions and Climate Impact*

4:15 p.m. **Panel #3** – Laboratory to Field: Measuring Progress
Moderator: **John Mitchell**, U.S. EPA OAR

Jim Jetter, U.S. EPA ORD

David M. DeMarini, U.S. EPA ORD

Mutagenicity- and Pollutant- Emission Factors of Cookstoves

Eugene Gibbs-Flournoy, U.S. EPA ORD

Michael Johnson, Berkeley Air Monitoring Group

Stove performance during controlled and uncontrolled testing: a global perspective

5:20 p.m. **Adjourn**

Thursday, Feb. 26, 2015

8:00 a.m. **Welcome**

Michael Hiscock, U.S. EPA ORD

8:15 a.m. **Tami Bond**, University of Illinois, Urbana-Champaign

A Global Map of Feasible Residential Solutions, Emphasizing Stoves with Space Heating Uses

9:00 a.m. **Jill Baumgartner**, University of Minnesota

Improving Air Quality, Health and the Environment through Household Energy Interventions in the Tibetan Plateau

9:45 a.m. **Mike Sage and Fuyuen Yip**, Centers for Disease Control and Prevention

Evaluation of Acceptability and Performance of Stove Options for Reducing Household Air Pollution in Rural West Kenya

10:15 a.m. **Break**

10:45 a.m. **Rob Bailis**, Yale University

Experimental Interventions to Facilitate Clean Cookstove Adoption, Promote Clean Indoor Air, and Mitigate Climate Change

11:30 a.m. **Panel #4** – Coordinating Research with Other Agencies

Moderator: **Elliot Levine**, U.S. Department of Energy

Marc Jeuland, Duke University

Cooking Up Change in the Himalayas: Evidence from Mixing Quasi-Experiments with an Experiment on Cookstove Promotion

Ryan Chartier, RTI International

Development of RTI's Enhanced Children's MicroPEM to Support HAP Exposure Studies

Pam Jagger, University of North Carolina, Chapel Hill

Fuels and Cookstoves in Malawi and Rwanda: Baselines and Interventions

Andy Grieshop, North Carolina State University

NCSU Cookstove Emissions Research: Bringing the Kitchen to the Lab

12:30 p.m. **Lunch**

1:30 p.m. **Kirk Smith**, University of California, Berkeley

Impacts of Household Sources on Outdoor Pollution at Village and Regional Scales in India

2:15 p.m. **Panel #5** – Emerging Cookstoves Research: Future Opportunities, Leveraging Support and Resources

Moderator: **Michael Hiscock**, U.S. EPA ORD

Donee Alexander, Global Alliance for Clean Cookstoves

Helen Petach, U.S. Agency for International Development

Jacob Moss, U.S. Department of State

Kirk Smith, University of California, Berkeley

Tami Bond, University of Illinois, Urbana Champaign

3:00 p.m. **Closing Remarks**

Janet McCabe, U.S. EPA, Acting Assistant Administrator for the Office of Air and Radiation

3:15 p.m. **Conclude**

Michael Hiscock, U.S. EPA ORD