

# ETHOS 2015 SCHEDULE\*

*\*Note: times of individual presenters in classroom sessions subject to change*

## FRIDAY PM (Baymont Inn)

**4-6pm**            **Stoves 101 [Christa Roth, Dean Still, Dale Andreatta]**

**6-7pm**            Reception: food, drink, networking

**7-10pm**          **Informal Slideshows**

## SATURDAY (Northwest University)

**7:30-8:30am**    Coffee, pastries, networking (lobby)

**8:30-9am**        **Introduction to ETHOS 2015 (ETHOS Board - lecture hall)**

**9-10am**          **Global Alliance Updates and Q&A: Ranyee Chiang, Seema Patel (lecture hall)**

**10-11am**        **Department of Energy Biomass Stoves Grant update (lecture hall)**

Introduction: Elliott Levine

Research Summary (10 Minutes from each grantee team):

- Research Triangle Institute
- Oak Ridge National Lab
- University of Washington
- BioLite LLC.

15 minutes Q&A

**11-11:30am**    Coffee, pastries, networking (lobby)

**11:30-12:30pm**      **Classroom sessions, as per below:**

<b>Adoption (Asia)</b>	<b>Design</b>	<b>TLUDs</b>
Tara Ramanathan- Using Wireless Thermal Sensors to Scale Up Forced Draft Cookstoves	Kathleen Lask- Simplified Model for Lighting Cone Design	Paul "Dr. TLUD" Anderson- Advances of TLUD and other Micro-gasification for Clean Cookstoves during 2014
Praveen Kumar- Dynamics of Sustained Use and Abandonment of Clean Energy Systems in Rural India	Kevin Dischino- Experimental Optimization of Forced Draft for PM <sub>2.5</sub> Emissions Reduction	Julien Winter- Relationship between the Pyrolysis Temperature and Gasification Rate in a TLUD Gasifier Cookstove
Elisa Derby- WASHplus Consumer Preference Trials and Willingness to Pay: Bangladesh, Nepal	Anamol Pundle- Computational Fluid Dynamic Modeling of a Natural Draft Cookstove for Efficiency Optimization and Emissions Reduction	Kirk Harris- Turn-Down and New Combustor in the TLUD Wonderwerk Strata Stove

12:30-2pm Lunch and Networking (cafeteria)

**2-3pm Panel Discussion: Update on ISO process, request for feedback (lecture hall)**

3-3:30pm Coffee, pastries, networking (lobby)

**3:30-4:30pm Classroom sessions, as per below:**

<b>Adoption (Africa)</b>	<b>Design</b>	<b>Program Updates</b>
Daniel Wilson- Cookstove Adoption Measured with SUMs in Darfur: A Discussion of Algorithms, Baseline Adoption, and Effects of Intervention on Adoption	K. Banta- Corrosion Considerations for Metallic Combustors in Low-Cost, Clean Biomass Cookstoves	Seema Patel- Evaluating Environmental, Social and Economic Impacts of Fuel Production, Distribution and Use
Michelle Kreger- Designing Marketing Trials & Evaluations That Optimize For Stove Adoption and Sustained Usage: A Case Study from Ethiopia	Dale Andreatta- Rocket Stoves with Extended Fuel Chambers	Harry Stokes- New Low-Priced High-Performance CleanCook (Alcohol) Stoves and New Dissemination Strategies for 2015
Pam Jagger- Stoves or Sugar? Willingness to Adopt And Utilize Improved Cookstoves in Malawi	TBD	Jon & Flip Anderson- Rocket Bread Ovens

**4:30 – 5:30 Panel Discussion: “Clean?” [Christa Roth, Michael Johnson, Christian L’Orange, Ranyee Chiang, Nordica MacCarty](lecture hall)**

5:30 – 7:00 Dinner (cafeteria)

**7:00 – 8:00 Keynote Speaker: Dean Still, How to Make Super Clean Stoves (lecture hall)**

## **SUNDAY (Northwest University)**

7:30-9am Coffee, pastries, networking (lobby)

**9-10am Department of Energy Biomass Stoves Grant update, continued! (lecture hall)**

Research Summary (10 Minutes from each grantee team):

- Colorado State University
- Lawrence Berkeley National Lab
- Aprovecho Research Center
- Berkeley Air Monitoring Group

15 minutes Q&A

10-10:30am Coffee, pastries, networking (lobby)

**10:30-11:30am Classroom sessions, as per below:**

<b>Policy/Social Science</b>	<b>Emissions Equipment</b>	<b>Program Updates</b>
Dana Charron- Smart Stove Selection: Using Performance Frameworks in the World Bank ACCES and UNHCR initiatives	Sam Bentson- A New Gravimetric IAP Meter from Aprovecho	Dorothea Otremba- What's New at GIZ/HERA?
Cecil Cook- TBD	Julien Caubel- A Compact, Inexpensive Black Carbon Sensor for Biomass Cookstove Emissions	Michael Naleid- Winrock/EPA Activities in 2014 and 2015
TBD	Benjamin Sullivan- Real-Time Monitoring Of Particulate Emissions from Wood-Fired Cookstoves	TBD

**11:30-12:30pm Classroom sessions, as per below:**

<b>Field Emissions Reporting</b>	<b>Testing</b>	<b>Program Updates</b>
Charity Garland- The Impact of the Philips Stove on Emissions and Fuel Use in Gisenyi, Rwanda	Ashok Gadgil- Assessing the Number of Replicates Needed To Obtain Useful Data from Stoves Testing	Peter Scott- BURN Launches Sub-Saharan Africa's First Modern Cookstove Factory
Ryan Thompson- Field Measurements of Solid Fuel Cookstove Emissions in China	TBD	Fred Colgan, et al- Instove - Sustainable Model to Scale: Domestic to International
Michael Johnson- Field Testing Cookstove Performance in Uttar Pradesh and West Bengal, India	TBD	Katherine Noble-Goodman- Inyenyeri's Renewable Energy Utility Business Model

12:30-2pm Lunch and Networking (cafeteria)

**2-3pm Facilitated Discussion: How Do We Make the Most Progress in 2015? (lecture hall)**

**3-3:30pm ETHOS Board Summary (lecture hall)**

**3:30-5pm Lighting of the Stoves! [with s'mores!]**