

ETHOS 2020 AGENDA

FRIDAY Afternoon/Evening (Baymont Inn)

- 1:30-3:00pm** **Cookstoves 101 (aka Welcome to the Sector!) session (Derby)**
- 3:00-5:00pm** **Stoves 101: Biomass Fuels & Stoves for Beginners (Roth, Still, Bentson, Andreatta)**
- 5:00-7:00pm* *Reception: food, drink, networking*
- 7:00-9:00pm** **Informal Slideshows**

SATURDAY (Northwest University, Health and Sciences Center)

- 7-8:30am* *Walk for A Change [4 mile walk from Baymont to NWU]*
- 7:30-8:30am* *Coffee/tea, fruit, pastries, networking (lobby)*
- 8:30-9:00am** **Introduction to ETHOS 2020: ETHOS Board, 2020 Scholarship Recipients**
- 9:00-9:45am** **Plenary: ISO and Clean Cooking Forum update (Mitchell, Jetter, Decina, Derby, audience!)**
- 9:45-10:45am** **Plenary: Sensing Change (Thompson, Wilson, Hahn, Lefebvre, Pennise)**
- 10:45-11:00am* *Coffee/tea, fruit, pastries, networking (lobby)*
- 11:00-12:00pm** **Classroom sessions, as per below:**

Sensors – A1 (Room 104)	Design – B1 (Room 102)
Anderson - Utilizing Internet of Things (IoT) and Artificial Intelligence (AI) Technologies for Impact Analysis and Tracking of Cookstove Distributions	Ekegren - Rocket stoves and solar powered LED home lighting in four African countries.
Lewis* - Analysis of Low-Cost Optical Particle Counters	Inman - Capturing Waste Energy from Stove Exhaust Using Thermoelectric Generators
Lefebvre - New tools and methods to understand complex Cooking Energy Systems.	TBD

** (co-presented with Brady Hales)*

- 12:00-12:10pm** **ETHOS 2020 GROUP PHOTO! (Meet in room 104)**
- 12:10-1:30pm* *Lunch and networking (cafeteria)*

1:30-2:30pm Classroom sessions, as per below:

Adoption – A2 (Room 104)	Design – B2 (Room 102)
Conant - What Women Want: A Data-driven Approach	Evitt - Forced Air Mixing With The Jet-Flame
Filler - The Do's and Don't's of Adoption	Ray - Evaluating Ceramic Materials: Small-Scale Production and Testing
Hing- Measuring Long-term Adoption of Improved Biomass Cookstoves in Households in Rural India	*Gifford - The Justa Cookstove turns 20: Lessons Learned, and the Future in Honduras and Beyond

** (co-presented with Valentina de Rooy)*

2:40-3:40pm Classroom sessions, as per below:

Testing – A3 (Room 104)	Design – B3 (Room 102)
Thompson - Biogas Project	McLean - Low Cost - No Cost. Rock beds to improve traditional wood cookstoves.
Delapena* - Evaluation of Clean Cooking Behavior Change Communication Interventions in Kenya, Bangladesh and Nigeria	Larson** - Low Cost - No Cost. (1) Char-making, below-ground, plancha-type cook stoves. (2) Can in TLUD to make char
Rossanese - Impacts and Effects of Improved Wood Burning Stoves on Time Use and Quality: An Experimental Study in Rural Kenya	Roth - Thermal Energy for Productive Use - example of GIZ EnDev support to the fish processing sector in Malawi

** Presented by Madeleine Rossanese*

*** Presented by Kevin McLean*

3:40-4:00pm Coffee/tea, veggies, cookies, networking (lobby)

4:00-4:30pm Clean Cooking Alliance update (Merseth)

4:30-6:00pm Plenary: Advances in Forced Draft Combustion (Still, Means, Jahangiri, MacCarty, Evitt)

6:00 pm on *Dinner on own*

SUNDAY (Northwest University, Health and Sciences Center)

7:30-9am *Walk for A Change [4 mile walk from Baymont to NWU]*

8:00-9:00am *Coffee, fruit, pastries, networking (lobby)*

9:00-9:10am All: One sentence Saturday recap!

9:10-9:20am Plenary: Pathways Conference Update (Mitchell, Roth, Bond)

9:20-10:40am Classroom sessions, as per below:

Testing– A4 (Room 104)	Modeling – B4 (Room 102)
Champion - An update on the U.S. EPA Cookstove Test Facility's on-going research	Islam - Lessons learned from a multi-year cookstove intervention trial in rural India: indoor PM2.5 level and its link with cookstove emissions
Champion - Pellet-fed Gasifier Stoves Approach Gas-stove Like Performance during In-home Use in Rwanda	Bentson - Using Simple Outdoor Air Pollution Models
TBD	Bryden - Crowdsourcing village energy modeling
TBD	Wilson - FireFinder: A Simple Open-Source Algorithm for Cooking Event Detection

10:40-11:00am *Coffee/tea, fruit, pastries, networking (lobby)*

11:00-12:30pm Plenary: Founders and Future discussion and workshopping (Bryden, Still, MacCarty, Bond, Miles, Hatfield, Andreatta and audience!)

12:30-2:00pm *Lunch and networking (cafeteria)*

2:00-3:00pm Classroom sessions, as per below:

Big Picture – A5 (Room 104)	Design – B5 (Room 102)
Mitchell - CCAC's (Climate and Clean Air Coalition) activities to Reduce Short Lived Climate Pollutants from the Household Energy Sector	Cox - Pellet Feeder Gasifier Stove in Guatemala
Jenks - Global Plan of Action for Sustainable Energy in Humanitarian Settings	Andreatta - Use of Solar Energy for Household Energy Needs
Bond – Can we get there from here? Emission reduction potentials and air quality and climate goals	Gius - Insulated Solar Electric Cooking

3:00-3:30pm ETHOS Board Summary (lecture hall)

3:30 – 4:00pm *Coffee/tea, veggies, cookies (lobby)*

3:30 – 5:00pm Lighting of the Stoves! (outside, with s'mores and more!)