

Iowa International Outreach Symposium and Networking Forum – Focus on Sub-Saharan Africa

April 17, 2019

1306 Elings Hall and Sukup Atrium

Department of Agricultural and Biosystems Engineering

Iowa State University, Ames, IA

- **Welcome and Consortium Announcement: 8:30-9:00 a.m.**
 - Dirk E. Maier, Professor and Director, Consortium for Innovation in Post-Harvest Loss and Food Waste Reduction
 - Joe Colletti, Senior Associate Dean, College of Agriculture & Life Science, Iowa State University
 - Sarah Nusser, Vice President for Research, Iowa State University
 - Sally Rockey, Executive Director, Foundation for Food and Agriculture
 - Rafael Flor, Director, YieldWise, Food Initiative, Rockefeller Foundation

- **Symposium – Improving Rural Livelihoods in Sub-Saharan Africa: 9:00 a.m.-12:00 p.m.**
 - Rafael Flor, Director, YieldWise, Food Initiative, Rockefeller Foundation (9:00-9:45 a.m.): *YieldWise Initiative - Connecting Smallholder Farmers to Knowledge, Technology, Financing and Markets in Kenya, Tanzania and Nigeria*
 - Dr. David Acker, Associate Dean, Academic & Global Programs, College of Agriculture & Life Sciences, Iowa State University (9:45-10:15 a.m.): *ISU Uganda Program – Changing Lives and Livelihoods in the Kamuli District*
 - BREAK and Viewing of Exhibits and Posters (10:15-10:30 a.m.)
 - Steve Noah, former Vice President for Government Relations and Special Projects at William Penn University, Oskaloosa, Iowa (10:30-11:00 a.m.): *Investing in the Lives of Vulnerable Youth and Illiterate Adults in Rural Rwanda*
 - Nora Tobin, Executive Director, Self-Help International (11:00-11:30 a.m.): *Alleviating Hunger and Poverty by Empowering Women and Supporting Emerging Entrepreneurs in the Ashanti Region, Ghana*
 - Monica Moylan, Anna Bilek, Chris Nennig, Engineers Without Borders Student Chapter, Iowa State University (11:30 a.m.-12:00 p.m.): *Bringing Water to Students and Hope to the Ullo Community in the Upper West Region of Ghana*

- **Lunch Break¹ and Viewing of Exhibits and Posters: 12:00-1:00 p.m.**
- **Networking – Raising Awareness, Making Connections, Exploring Collaborations: 1:00-3:30 p.m.**
 - Select Display & Poster Talks (3-minute max) (1:00-1:30 p.m.): (may vary depending on number of displays and posters)
 - Round Table “DRAFT” Topics (depending on interests² by registered participants):
 - Nutrition and Health (Facilitator: Dr. Donna Winham) – *Healthy Diets, Fortifying Foods, Mitigating Mycotoxins in Food, Food Safety*
 - Mechanization (Facilitator: Dr. Brian Steward) – *Appropriate Scale, Compatibility, Alternative Power Sources*
 - Clean Water (Facilitator: Dr. Amy Kaleita) – *Boreholes, Wells, Rainwater Harvesting, Water Treatment*
 - Sanitation (Facilitator: Dr. Francis Owusu) – *Toilets, Wastewater Treatment, Composting Waste*
 - Energy (Facilitator: Dr. Mark Mba-Wright) – *Off-grid Electricity, Cooking Fuels*
 - Information and Communication Technology (Facilitator: Dr. Shweta Chopra) – *Food Systems Management, Technology Adoption, Policy Implication*
 - Animal Production and Protection (Facilitator: Dr. Max Rothschild) – *Ruminants, Poultry, Aquaculture, Animal Care and Health, Climate Change and Heat Stress, Forages and Feeds, Mitigating Mycotoxins in Feed and Milk*
 - Crop Production and Protection (Facilitator: Dr. Andrew Manu) – *Soil Fertility, Micro Irrigation, Biofertilizer, Natural Pest and Disease Prevention, Mitigating Mycotoxins in the Field*
 - Preservation of Harvested Crops (Facilitator: Dr. Tom Brumm) – *Post-Harvest Loss Reduction, Cooling, Drying, Storage (Hermetic, Modified/Controlled Atmosphere), Pre-processing*
 - Round Table Breakout Session (1:30-2:15 p.m.)
 - BREAK and Viewing of Exhibits & Posters (2:15-2:45 p.m.)
 - Group Discussion, Feed Back and Action Steps (2:45-3:15 p.m.)
- **Closing Remarks – Where do we go from here? 3:15-3:30 p.m.**
 - Dirk Maier and Max Rothschild

¹ **To avoid food waste** (and a meeting registration fee), we decided against offering a catered or boxed lunch. Instead, participants can bring their own lunch or buy their lunch in the ABE Café, a nearby food truck, dining hall or sandwich shop. We will provide refreshments during the morning and afternoon breaks, and will offer up any left-overs to students in our building.

² These topics are listed on the registration webform, so participants can indicate their first choice for the breakout sessions. The same topic may be discussed at multiple tables depending on expressed interests.