

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 Opening Remarks: 8:30-8:45 a.m.**
 - Dirk E. Maier, Professor and Director, Partnership for Innovation in Post-Harvest Loss and Food Waste Reduction

- **Symposium – Improving Rural Livelihoods in Sub-Saharan Africa: 8:45 a.m.-12:00 p.m.**
 - Rafael Flor, Director, YieldWise Initiative, Rockefeller Foundation (8:45-9:30 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 (9:30-10:00 a.m.): *ISU Uganda Program – Changing Lives and Livelihoods in the Kamuli District*
 - BREAK and Viewing of Exhibits and Posters (10:00-10:30 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, President, 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.**

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.

➤ **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: TBD) – *Appropriate Scale, Compatibility, Alternative Power Sources*
 - Clean Water (Facilitator: TBD) – *Boreholes, Wells, Rainwater Harvesting*
 - Sanitation (Facilitator: TBD) – *Toilets, Wastewater Treatment, Composting Waste*
 - Energy (Facilitator: TBD) – *Off-grid Electricity, Cooking Fuels*
 - 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: TBD) – *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

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.