

June 2021: Q2

PHLIL Ethiopia Teams Test New Dryer

Arc'teryx-designed dryer being validated in Ethiopia:

Teams at Mekelle University and Bahir Dar University in Ethiopia have spent the last couple of months procuring grain and testing the new tent dryer designed and donated by Canadian-based design company, Arc'teryx. The validation experiments, and comparisons with open sun drying, were initially conducted using freshly harvested maize grain at Bahir Dar University and sorghum at Mekelle University. An exhaustive dataset of grain moisture content, including temperature & relative humidity of air inside the dryer, was collected. Both teams found promising initial results that the dryer has a faster drying rate than open sun drying systems. Data are being analyzed and shared with the PHLIL M.E. as well as the Arc'teryx design team to initialize suggestions for improvements.



Congratulations, Mrs. Khodeza Begum!

PHLIL Bangladesh announces prestigious agricultural award winner

On May 30, Bangladesh Agricultural University announced that Mrs. Khodeza Begum is the recipient of the 2021 Professor Dr. Ashraf Ali Khan Memorial Agricultural Award. Khodeza is a well-regarded female entrepreneur from

Phulpur, Mymensingh. She was selected due to her contributions to agricultural mechanization, in particular her encouragement of neighbors and farmers to adopt improved post-harvest practices related to drying and storage. She has largely been supported and trained by the PHLIL-Bangladesh team as well as our partners at the ADM Institute at University of Illinois.



2,000 ZeroFly Hermetic Bags

Pictured above: [GHANA, April 2021] Mr. Raymond Kyeremeh featured with the 2,000 ZeroFly Hermetic Bags repackaged in Accra, preparing for transportation to marketing agents within Ghana, in particular Northern Ghana. Each bundle includes a batch of 250 bags.

Research & News

PHLIL's 2021 Semi-Annual Report is Published

Recently approved, you can find the PHLIL Fiscal Year '21 Semi-Annual Report [linked to our website](#).

Livestock Innovation Lab RFA

[Click here to review submission guidelines](#) for the newest Livestock Innovation Lab RFA for research and capacity building in Burkina Faso, Ethiopia, Nepal, Niger, and Rwanda. Submit concept notes by 6 July 2021.

Special Issue of *Foods*: Food Quality & Safety; submit by 15 June!

Submit review papers addressing issues related to food quality and safety in this Special Issue of *Foods* titled, "The Future of Foods: Recent Advances and Perspectives on Food Quality and Safety." [Click here for more info](#).

Precision Development to Solve Wicked Problems

The Chicago Council on Global Affairs recently highlighted PHLIL partner SAWBO's efforts to use "the information highway to deliver food security results during the COVID-19 pandemic." [Read the post here](#).

PHLIL Featured in Kansas State University Digital Magazine

Published on 19 March 2021, the Office of International Programs at K State selected PHLIL to feature in this year's digital magazine. [Click here to view the magazine](#) (article begins on pg. 6).

On the horizon

Cultivating Crisis-Proof Food Systems for a Changing Climate

Virtual event hosted by the Association for International Agricultural and Rural Development coming up next week, **7-10 June 2021**. Featuring PHLIL-affiliated speakers on June 8th: Dr. Alex Winter-Nelson & Brett Rierson. [Click here for more info!](#)

Food Security COVID-19 Learning Event

Hosted and facilitated by USAID and IDEAL. Virtual event to take place from **21-24 June 2021**. [Click here for more info](#).

Global Agriculture Innovation Forum to feature Post-Harvest Loss

Through a Purdue University / USDA partnership, this forum will continue offering themed sessions in 2021. Beginning on **29 June 2021**, two months of sessions will feature innovations in Post-Harvest Management. Participation is FREE. [More info here](#).

3rd All Africa Post-Harvest Congress and Exhibition

Hosted by the African Union Commission (AUC), this event will be held virtually in 2021. The theme is Postharvest Loss Reduction for Sustainable Food Systems. [Click here for more info](#) on this event which will take place **13-17 September 2021**.

Cultivating Equality: Advancing Gender Research

[Click here to](#) read about this conference which will focus on research that helps to advance positive synergies among sustainable and resilient ag, rural and food systems, and equality in societies globally. Conference will take place virtually

from **12-15 October 2021.**

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If you have information or updates you would like to have included in a future newsletter, please send to Jessa Barnard at jbarnard2@ksu.edu.
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