



# INCORPORATING NUTRITION INTO FEED THE FUTURE RESEARCH PROGRAMS

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## WEBINAR CHAT TRANSCRIPT

FEBRUARY 11, 2014

### PRESENTERS

Ahmed Kablan, USAID

Patrick Webb, Tufts University

Jeffrey Griffiths, Tufts University

Maura Mack, USAID

**Jeffrey K Griffiths:** jeff here

**Julie MacCartee:** You sound good!

**Julie MacCartee:** Yes

**Aaron Buchsbaum:** Greetings all! Aaron Buchsbaum here from SPRING.

**patrick webb:** Hey Aaron

**Aaron Buchsbaum:** Hi Patrick! Hope things are well up in Boston.

**patrick webb:** Yes, I hear you fine

**Aaron Buchsbaum:** Same

**Jeffrey K Griffiths:** Yes, hear you fine

**Neville Clarke:** neville clarke is on line

**Courtney Tamimie:** Hello everyone - we are joining from the National Soybean Research Laboratory of the University of Illinois at Urbana-Champaign

**Courtney Tamimie:** We're looking forward to the webinar!

**Quinn Bernier:** I'm with IFPRI, in Washington

**Julie MacCartee:** Julie MacCartee, USAID/BFS, Washington DC. Welcome, all

**Julie MacCartee:** Thank you all for joining! I hope you have lots of questions for our speakers ;)

**Elizabeth Ryan:** Hello, looking forward to webinar from Colorado State University, Livestock-Climate Change Innovation Lab

**Cynthia Donovan:** Cynthia Donovan from the Legume Innovation Lab in a cold Michigan here

**USAID Agrilinks 2:** Hello all, we'll be getting started in just a moment

**Kristin Wilcox:** Joining from Global Communities in Silver Spring

**Courtney Tamimie:** Should we be seeing everyone's chats?

**R Varma Penmetsa:** Hello all, I'm Varma Penmetsa from Univ of California, Davis from the new chickpea innovation lab.

**USAID Agrilinks 2:** yes, there is a chatbox for everyone, but if you'd like to start a private chat with someone you can hover over their name and the option pops up

**KDAD AV Tech:** Can everyone see and hear ok?

**Aaron Buchsbaum:** ok on my end, thanks!

**KDAD AV Tech:** Thanks Aaron

**Kristin Wilcox:** can hear and see fine here!

**Aaron Buchsbaum:** nice layout of the malnutrition types here.

**Julie MacCartee:** I agree, Aaron, this is a nice concise look at the categories

**patrick webb:** Height for age not weight, actually

**Aaron Buchsbaum:** re: stunting?

**patrick webb:** Exactly. It's height against an age reference point

**Aaron Buchsbaum:** again, I like this adaptation of the UNICEF framework with the 'interventions' box. Thanks for sharing.

**Jean-Claude Bizimana:** can hear but not see

**KDAD AV Tech:** Jean: what web browser are you using?

**Jean-Claude Bizimana:** explorer

**Courtney Tamimie 2:** Had issues w/ chat on IE, Mozilla is good

**Courtney Tamimie 2:** thank you

**Jean-Claude Bizimana:** explorer

**Julie MacCartee:** THanks for letting us know - we know that Adobe Connect and Chrome don't mesh well, but it seems IE is giving some problems today as well

**Jean-Claude Bizimana:** it's improving...there might be connection issues from my location (africa-rwanda)

**Julie MacCartee:** Jean-Claude - I am glad it's improving, leep us updated if you have further troubles. We will make sure you have the recording of this webinar as a back-up

**Julie MacCartee:** If you joined us after the start of the webinar - please feel free to introduce yourself and let us know where you're joining from!

**Aaron Buchsbaum:** never knew little devils live in an enflamed intestine!

**patrick webb:** The devil you don't know...?

**Ahmed Kablan:** Aron you should join us in Chicago on Feb 15th to learn more about the devil from Jeffrey Gordon (the Senior Author of that Article that Jeff mentioned

**Aaron Buchsbaum:** Would love to - are you webcasting? Not sure I can swing a weekend trip up to the Windy City.

**Ahmed Kablan:** I sent a blog post about it to Ag-N GLEE on agrilink

**Julie MacCartee:** Yes, here is the blog post for the AAAS session: <http://agrilinks.org/blog/innovative-and-integrated-approaches-reducing-malnutrition>

**Ahmed Kablan:** Posted the blog

**Aaron Buchsbaum:** Saw that! Thanks so much. Would be interested in having you follow up on the groupspace as well.

**Ahmed Kablan:** will have another blog after the symposium as well with more info

**Ahmed Kablan:** But on the Panel as you can see we have the world experts on various topics that affect nutrition

**Julie MacCartee:** Oh dear! Apologies everyone. Some audio issues.

**Julie MacCartee:** Jeffrey, please pause for a moment

**Aaron Buchsbaum:** Really interesting that this type of research is being presented at AAAS, Ahmed

**Jeffrey K Griffiths:** holding

**Julie MacCartee:** Back in action!

**Aaron Buchsbaum:** I wish all webinar issues resolved that easily!

**Julie MacCartee:** Aaron - agreed!

**Aaron Buchsbaum:** I'm really curious overall how "new" this EE theory and evidence is? In a way it all seems so obvious - the link to nutrition especially - but maybe one of those cases where the conversation passed it over for many years...

**Julie MacCartee:** Yes, you sound clear to me

**Jeffrey K Griffiths:** clear as a bell

**Julie MacCartee:** Aaron - we'll raise your question at the end - unless you would like to type in a response now, Jeffrey

**Ahmed Kablan:** "bell" as the one was in the background

**Aaron Buchsbaum:** end is good for me

**Jeffrey K Griffiths:** EE used to be called tropical enteropathy and was identified in the early 1970s.

**Jeffrey K Griffiths:** The nutritional 'hit' was however not appreciated widely and it was near forgotten.

**Jeffrey K Griffiths:** Then the light-bulbs went on when work in the 1990s showed that it could account for > 40% of stunting

**Aaron Buchsbaum:** Interesting. And that research was aimed primarily at stunting as the outcome, or at mortality, or...?

**Julie MacCartee:** Lancet series on Maternal & Child

Nutrition: <http://www.thelancet.com/series/maternal-and-child-nutrition>

**Jeffrey K Griffiths:** The EE research was primarily looking at stunting. People with EE have leaky intestines, so the lab test people do is a measure of gut permeability (leakiness)

**Jennifer Armit:** Is it possible to get a copy of this power point after the presentation?

**Ahmed Kablan:** To enforce Dr. Webb point: Specific Nutrition targets and goals in Agri programs is very crucial to achieve nutrition targets, And I want to add that Those targets should be integral part of the program NOT assumed outcomes

**Ahmed Kablan:** Jennifer you can download the whole thing

**Julie MacCartee:** Jennifer - Yes, it will be available during the Q&A period

**Aaron Buchsbaum:** 100% agreed Ahmed. I think there will continue to be a lot of discussion (and, I'm fairly certain) action around \*intentionally\* linking agriculture, nutrition, and other sectors from design down to field work and M&E

**Jennifer Armit:** Thank you Ahmed and Julie!

**Julie MacCartee:** ALL- Please feel free to type in questions for the speakers at any time. You are welcome to ask specific questions about your own Innovation Lab or projects

**Ahmed Kablan:** Aron if you look at the recent report from IFPRI (JM was one of the authors) which looked at the impact of Kitchen gardens on Nutrition and women empowerment, the majority did not show significant impact because the Nutrition outcome was assumed that those who grew vegi and fruits..etc will know how good it is for them and their children and will eat it, but that was not the case.

**Aaron Buchsbaum:** was that from Burkina Faso - an HKI project?

**Ahmed Kablan:** It looked at HKI projects (which were more successful than others) and other projects as well that worked on kitchen gardens. including Kenya, Nepal & Bang

**Ahmed Kablan:** and others

**Cynthia Donovan:** With Legume Innovation Lab we are starting research on legumes to understand if legumes actually feed the good guys in the gut biome and help to reduce EE, thus enhancing nutrition from all foods consumed. Seems like a win-win-win if it legumes enhance both soil fertility and human gut health along with the nutrients in the legumes. Reasonable?

**Aaron Buchsbaum:** interesting. I'd definitely like to glance through that

**Aaron Buchsbaum:** we're also working on a more 'systems' level inquiry into the whole process of sector integration that was involved in a homestead food production project. Hopefully have some reports available in the spring.

**Julie MacCartee:** I hope you see positive results, Cynthia - I'll be very interested to see how legumes support particular types of guy bacteria

**Julie MacCartee:** Aaron, that's great, looking forward to seeing more

**Jeffrey K Griffiths:** We have some data from Uganda showing that fruit and vegetable producers do consume more, AND have less food insecurity, AND the women of child bearing age have significantly less anemia.

**Aaron Buchsbaum:** Thanks for sharing, Cynthia. Sounds like interesting work, for sure.

**KDAD AV Tech:** Apologies for the "hot" audio; if you could just turn down your computer audio, that's probably best

**KDAD AV Tech:** Given that we've had some audio issues with this webinar, I'm leery to adjust our settings too aggressively from the studio

**KDAD AV Tech:** ...lest we lose audio again

**KDAD AV Tech:** Thanks for you patience

**Ahmed Kablan:** IF you have any questions please type them here in the chat window! thank you

**Jennifer Armit:** Moving forward, how can we scale to include the LAC region?

**patrick webb:** Not hearing you, Maura

**Elizabeth Ryan:** Patrick and Jeff- thanks for the talks, I would like to have a discussion on "optimizing metabolism by the gut microbiome ....our studies with rice bran are showing very postiive changes relevant to EE and protection against rotavirus, and that beans may not be changing microbiota community structure/composition, but do affect the microbiota metabolism. what are your Thoughts on studying the combinations of these staple foods and livestock products on microbiota metabolism rather than just microbiota composition to address EE?

**Aaron Buchsbaum:** Jeffrey (and others ) - I'm curious if you can tell us a bit more about how this EE research is being received by nutrition and ag communities, and if you see WASH beginning to be more strongly integrated into that kind of programming?

**patrick webb:** Those are a very good place to start discussing research collaboration, Elizabeth. We're hoping to support some research.

**patrick webb:** WASH is already heavily incorporated in USAID integrated programming in Nepal. So yes, it's coming.

**Aaron Buchsbaum:** thanks for your responses Jeff and Patrick

**Jeffrey K Griffiths:** ... and there is lots of WASH programming in Uganda... we hope to see it better studied in terms of nutrition outcomes

**Aaron Buchsbaum:** Patrick - would love to hear more about WASH in FTF Nepal. Is it alright to follow up with you?

**Jennifer Armit:** We currently work in Haiti

**Jennifer Armit:** and are USAID PMIL local implementing partner

**patrick webb:** I think Haiti would be a great place to explore some programming innovations that link agriculture and nutrition.

**Jennifer Armit:** We look forward to continuing the dialogue surrounding nutrition sensitive interventions

**Mary Meck Higgins:** will this be archived?

**Jeffrey K Griffiths:** We are also using some easy-to-use field technology to actually measure water quality in both Uganda and Nepal

**Maura Mack:** Thanks, Jennifer, for this information. Let's touch base off line.

**Jennifer Armit:** How can we maintain contact with you to keep you updated on our nutrition sensitive interventions?

**Jennifer Armit:** Thank you!

**KDAD AV Tech:** Mary M Higgins: yes, a post event email will go out with a recording from the webinar

**Mary Meck Higgins:** super

**Aaron Buchsbaum:** Thanks so much everyone. Really appreciated this panel!

**Cynthia Donovan:** Valuable session. Thanks

**Jeffrey K Griffiths:** we are always willing to hear from you re: questions or collaborations!

**Cynthia Donovan:** Legume Innov Lab will be in touch!

**patrick webb:** Looking forward to it!

**Jeffrey K Griffiths:** Thank you!

**Ahmed Kablan:** Thank you All for joining us

**Julie MacCartee:** Thanks for joining us from Boston, Jeffrey and Patrick!

**Jeffrey K Griffiths:** signing off...

**Maura Mack:** Thanks to all!

**Ahmed Kablan:** And thank you Patrick and Jeff for your time and valuable infor sharing