

---

# **FOCUSED, STRUCTURED, ACCESSIBLE:** *Effective Professional Development in Global Learning Using Essential Questions and Technology (#GLAG19)*

Ms. Kaitlin Liska (@KaitlinLiska),  
Senior Global Teach Ag Intern

Mr. Thomas Gabel (@Gabel\_Thomas),  
Novice Global Teach Ag Intern

Dr. Melanie Miller Foster (@GlobalMelanie),  
Global Learning Specialist

Dr. Daniel Foster (@FosterDanielD),  
Innovation Specialist



THE  
GLOBAL  
TEACH AG!  
INITIATIVE  
(@GLOBALTEACHAG)

# What is Global Teach Ag?

## Mission

To help educator's advance learner success in an interconnected food, fiber, and natural resource environment.

## Goals

1. To provide opportunities for collaboration between formal and non-formal agricultural education through the education continuum across the world.
2. To advance best practices and procedures for the systematic integration of global competency and global learning in all agricultural learning environments.



# Global Learning in Agriculture Conference (#GLAG19: Cultivating Empathy in a Global World)



- 318 Participants
- 250 Institutions
- 41 States
- 9 Nations
- 6 Continents

# GLAG PARTICIPATION 2014-2019

|       | Attendees | Institutions | States | Nations |
|-------|-----------|--------------|--------|---------|
| 2019  | 318       | 250          | 41     | 9       |
| 2018  | 144       | 120          | 34     | 6       |
| 2017  | 112       | 79           | 31     | 5       |
| 2016  | 101       | 60           | 22     | 3       |
| 2014* | 56        | 17           | 10     | 1       |

*\* Conducted in traditional face-to-face format.*

# TWO PRIMARY MECHANISMS

## ■ Essential Questions

- Consistent, focused
- Utilized Daily (i.e. 5 Questions)



## ■ Technology

- VoiceThread  
(16 On-demand presentations)
- Zoom  
(5 Roundtables and Live Event)



# WHAT IS AN ESSENTIAL QUESTION?

An essential question:

- Is a provocative question designed to engage learner interest and guide inquiry into the important ideas in a field of study.
- Does not have one “right” answer
- Is intended to stimulate discussion and rethinking over time.

Wiggins, G. and McTighe, J. (2013) *Essential questions: Opening doors to student understanding*. Alexandria, VA: ASCD (Association of Supervision and Curriculum Development).



## GLOBAL LEARNING IN AGRICULTURE WEEK

### #GLAG19 ESSENTIAL QUESTIONS

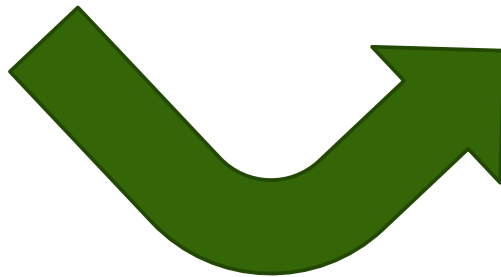
- **Sunday:** How can educators become Fulbrighters?
- **Monday:** Where can I get help growing as a global educator?
- **Tuesday:** What curriculum resources exist for global learning in agriculture?
- **Wednesday:** How can I as an educator conduct immersion experiences?
- **Thursday:** How can youth organizations engage in global learning?
- **Friday:** How do I as an educator cultivate empathy in a global world?



# CONNECTIONS DURING #GLAG19



**Daily Essential  
Question**

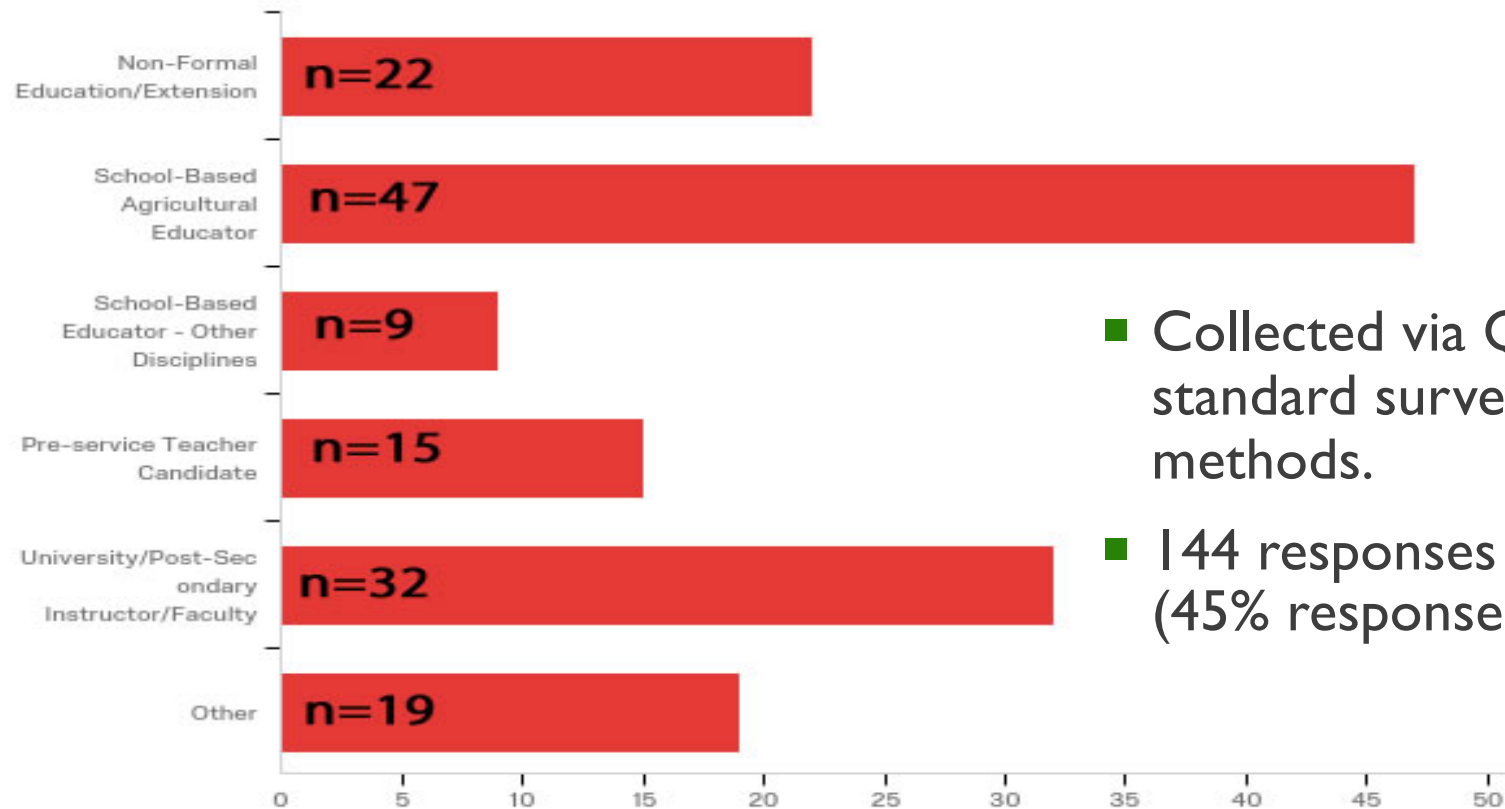


**Presentations for day  
based on question**

- \* 2-3 on-demand presentations released in morning
- \* Daily evening roundtable discussion



# #GLAG19 EVALUATION



- Collected via Qualtrics using standard survey design methods.
- 144 responses out of 312 (45% response rate)

# #GLAG19 EVALUATION ITEM HIGHLIGHTS

Note:

4-point scale used "Strongly Agree, Agree, Disagree and Strongly Disagree"

| Item  | % of respondents in agreement<br>(Strongly Agree/Agree) |
|---|---|
| I learned new ways to engage in global learning.                                    | 91%<br>(7% said "can not say at this time")             |
| Technology Platforms used met my learning needs of the conference.                  | 93%<br>(4% said "can not say at this time")             |
| I feel confident to facilitate global learning in my professional setting           | 82%<br>(15% said "can not say at this time")            |
| I feel this conference was a good value.  | 95%<br>(4% said "can not say at this time")             |
| I had the support and information necessary to engage in all conference activities. | 92%<br>(4% said "can not say at this time")             |

# TECHNOLOGY - VOICETHREAD

- 16 presentations across 5 days totaling 5 hours and 15 minutes of instructional content.
- 82.96 average experience rating on 1 to 100 sliding scale.
- 97% of respondents agreed that VoiceThread is an appropriate platform for #GLAG19

|                          | <b>Number of VoiceThread Comments by Participants</b> | <b>Number of VoiceThread Recorded Views</b> | <b>Number of VoiceThread Views Reported in the Survey</b> |
|--------------------------|---|---|---|
| Total for Week           | 133   | 299   | 598   |
| Approx. Average for Week | 8/presentation  | 19/presentation                             | 37/presentation   |



voicethread

# TECHNOLOGY - ZOOM

- 5 daily “Zoom” meetings
- 85.41 average experience rating on 1 to 100 sliding scale.

|                             | <b>Number of Times<br/>Participants Engaged in<br/>Roundtables</b> |
|-----------------------------|--|
| Total for Week              | 163  |
| Approx. Average for<br>Week | 33   |



# SELECT PARTICIPANT OPEN-ENDED FEEDBACK



- Networking
  - *"...Like it to connect people around the globe"*
- Not utilized properly
  - *"I felt like it was not structured. There was a lot of waiting around for people to answer questions and even them most people used the chat feature instead..."*
- *"...I made only one of them due to schedule restrictions"*



- Need to work with presenters
  - *"The link for some reason does not work on my mobile device, therefore I was limited to when and how many I could listen to."*
  - *"Several of the presenters had very garbled presentations that were hard to hear..."*
  - *"The only problem about the VoiceThread was that I kept on having to hit continue..."*
- Positives
  - *"What I like is, each individuals have their own interesting presentation style. The content of the presentations benefits the audience..."*

# The Future...

## Overall Trends

- Participants overall found value
  - Could prioritize based on essential question
- Overwhelmed due to overabundance
- Positive response to Zoom/VoiceThread

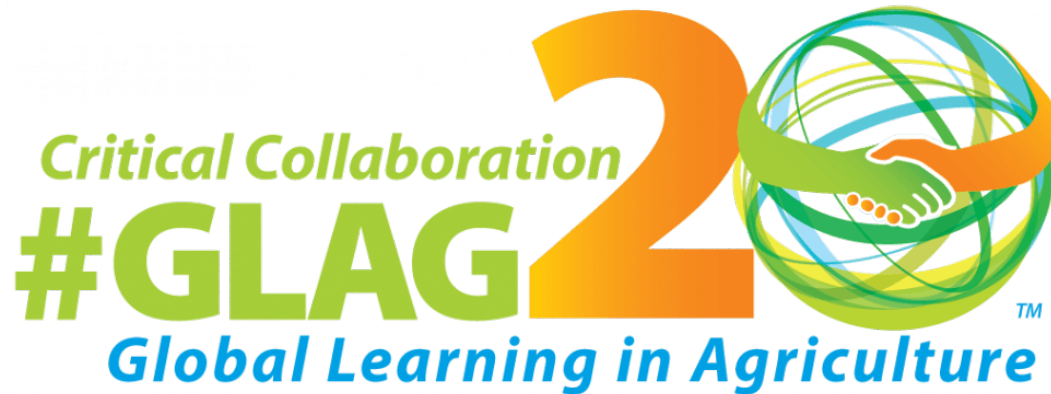
## Recommendations

- Less on-demand presentations
  - Or brand some as \*bonus\*
- Find better participant data collection methods
- Multiply roundtables

# WHERE THE RUBBER HITS THE ROAD

| Item  | % of respondents in agreement<br>(Strongly Agree/Agree) |
|---|---|
| I will attend future Global Learning in Agriculture professional development experiences                    | <b>83%</b><br>(14 % said “can not say at this time”)    |
| I prefer face-to-face professional development experiences over online professional development experiences | <b>58%</b><br>(20% said “can not say at this time”)     |
| I would recommend participating in #GLAG20 to a friend  | <b>94%</b><br>(4% said, “can not say at this time”)     |

**JOIN US! #GLAG20: CRITICAL COLLABORATIONS**  
**GLOBAL LEARNING IN AGRICULTURE WEEK: FEBRUARY 3-7, 2020**



Keynote:  
Dr. Maricelis Acevedo, Cornell  
Associate Director for Science  
Delivering Genetic Gain in Wheat Project



<https://sites.psu.edu/glag/>



THE WORLD FOOD PRIZE



**IOWA STATE UNIVERSITY**  
Department of Agricultural Education and Studies



TEXAS A&M UNIVERSITY  
Agricultural Leadership,  
Education & Communications



**PURDUE**  
AGRICULTURE



Thank You  
**FARMERS**  
PROJECT  
FOOD. FAMILY. FUTURE.  
Cubero

**NUTRIENTS FOR LIFE**  
FOUNDATION

**MICHIGAN STATE UNIVERSITY** | College of Agriculture  
and Natural Resources



