

S1071 Multistate Meeting | Raleigh, NC | Hilton Raleigh North Hills, Salon F
Wednesday, May 17, 2023

Present:

- Aaron McKim, Michigan State University
- Tyson Sorenson, Utah State University
- Kevin Curry, Penn State University
- Jessica Blythe, West Virginia University
- Rachel Hendrix, West Virginia University
- Laura Hasselquist, South Dakota State University
- Catherine DiBenedetto, Clemson University
- Natalie Ferand, Virginia Tech
- Rosemarie Somors, Clemson University
- Nicole Ray, Fresno State
- Barry Croom, University of Georgia
- Jonathan Ulmer, Kansas State University
- OP McCubbins, Mississippi State University

Minutes

Meeting called to order at 5:15 pm by Aaron McKim.

Introduction of Attendees

- Each attendee introduced themselves and their general interest areas related to AG-STEM.

Project Highlights

- Aaron read a welcome message from the Project Coordinator, Leslie Oliver.
 - The project was well received.
- Aaron congratulated the group on the renewal of the multistate project.
- Aaron provided an overview of the S1071 project.
- Aaron shared the S1071 Impact Statement created by Sara Delheimer.
 - Jonathan Ulmer asked who the impact statement should be shared with?
 - Barry Croom shared it with his new department head who is new to the profession.
 - Jessica Blythe shared it with her Dean of Research.
 - Aaron recommended sharing with individuals at research conferences who may be a good fit to join the multistate project.
 - Jonathan Ulmer recommended crafting a message to the profession about the value of multistate projects. He noted that multistate participation seems low for the profession.
 - Catherine DiBenedetto asked if there could be a home on the AAAE website for all multistate projects within the profession.

Updates on Collaborative AG-STEM Efforts

Catherine DiBenedetto & Natalie Ferand

- Entering year 5 of the Stem It Up professional development program focused on agriscience teachers exploring the floriculture industry.
- PD is focused on exploring the STEM components of the floriculture industry.
- Discussed the shift from full face-to-face delivery to hybrid delivery after COVID to reach more teachers.
- Spawned a dissertation Natalie Ferand, that utilized the Integrating Agriscience Instrument.
- Natalie mentioned the noticeable difference in teachers and their confidence in teaching STEM concepts.
- Rosemarie is now working on the project and conducting research related to the PD.
- Updates regarding the Stem It Up PD will be shared in the next month. Asked the group to think of teachers who may benefit from the PD.

Barry Croom & Kevin Curry

- Working on an NSF proposal focused on post-pandemic STEM learning.
- Hoping to identify the problems that exist within post-pandemic STEM learning and potential interventions.
- The goal is to submit the proposal to NSF next summer (2024).
- If there is an interest in joining this project, contact Barry or Kevin.

Tyson Sorenson

- Have been working on identifying exemplary STEM practices implemented by agriculture teachers in Utah and Michigan for roughly two years.
- A graduate student has conducted interviews and collecting data. Data analysis should occur soon.
- If there is an interest in joining this project, contact Tyson or Aaron.

Jonathan Ulmer

- Development of the AG-STEM Innovation Configuration Matrix began several years ago.
- A year ago, conversations began about how to make the ICM publicly available. Currently exploring the best options for sharing this. Would AAAE allow for the ICM to be posted/hosted on the AAAE website?
- Jessica and OP suggested checking with your librarian to post as an Open Educational Resource.
- Aaron has been working with the JAE Editing Managing Board about hosting non-peer reviewed documents (curriculum, resources, etc.). This may be able to be posted there.
- Jonathan will reach out to Kasee Smith to see if AAAE would be willing to host this document and other resources.
- Jessica will reach out to her librarian at WVU for recommendations for hosting the document that is institution agnostic.

- If there is an interest in joining this project, contact Jonathan.

More discussion on how to best share the configuration matrix.

- Action item: Jon will reach out to Kasee to see if we can get on the website.
- Action item: Jessica will work on making a nice document for the configuration matrix.

Open sharing

- Nicole Ray shared her grant PDAL- PDAL PD support to Phenomena based instruction. Externship for teachers.
- John Ulmer shared projects related to ag mechanics and tech skills recommended by current professionals in industry- identify the skills needed- and then providing PD.

Aaron McKim discussed that we may not accomplish all of our goals and projects, but just encouraged us to keep moving forward and doing what we can.

Meeting Adjourned