

August 26, 2021 Partners Working Group Call

Attendees: Diana Dalbotten, Jody Peters, Kira Sullivan-Wiley

Regrets: Mike SanClements, Chris Brown

Agenda and Notes

1. Work Plan link for easy access
2. Review the Bibliography - anything we want to add or is it ready to post on the EFI webpage? It is a living document, so additional materials can be added at a later date.
 - a. Reminder to Jody from June/July call. Add citations to Zotero and use that to update the citations in the bibliography so they are consistently formatted
 - b. Update from Jody: this is still on the To Do list.
3. Science Communications Panel Brainstorm (maybe beginning of October?)
 - a. What do we want from the panel?
 - i. Perspectives that can be good to include panelists to speak about the audience to communicate with
 1. general public,
 2. collaborators/team science,
 3. policy makers
 4. Op ed
 - ii. What action do you want to happen?
 1. persuasive communication,
 2. raise awareness,
 3. correct a misperception.
 4. These would all affect how you communicate.
 - b. Potential Panelists
 - c. Overcoming challenges in communicating science. Climate change science communication and handling skeptics
 - d. Getting the right science tools in the right users hands. If you are developing products and materials - how do you make them in a way that is useful to people interested in the topic. Is there a special communication problem, beyond those that get discussed at AGU/ESA (how to effectively communicate climate change)
 - e. How can forecasting be communicated more effectively so people understand it.
 - f. Would like to highlight people within EFI.
 - g. Best practices of forecast visualization
 - h. Understanding uncertainty - how does the public understand uncertainty and how does their understanding of uncertainty impact their assessment of the environment
 - i. Tool belt to talk about uncertainty - if you are talking to people who use uncertainty to say since we are uncertain then we don't know anything. How do

you talk about the fallibility of science and the trustability of science at the same time.

- j. How do you flip the dialogue to change the framing of it. Can communication be a two way street. Deciding what questions to ask in science is a power laden situation
- k. How can we make science more of a discussion rather than a me to you teachable moment. Communicate what we know and hear people's feedback to learn more about what we don't know about the questions we are asking.
- l. Would community based science improve people's ability to do science communication? This is similar to the co-production panel.
- m. How do you have a two way street? Evidence based argument vs value based argument. Making the distinction. Here is the goal we agree on and what do we know that needs to be done to get there.
- n. There can be harm when there is policy made when there is the incomplete information
- o. Ideas of potential panelists: Mike SanClements, Jeff Morrisette,
- p. Kira has connections to people at Aldo Leopold and CRED (Ag group) - she will reach out to them
- q. Focus on uncertainty and how to have a 2 way conversation about science in a human/science way. Thinking about early career people who are either over confident or not confident - and giving both types of groups tools
- r. What is uncertainty and what does the public need to know about uncertainty
- s. How far should science communication be activism and at what point does it go to far?
- t. Develop list of questions to ask panelists and then use that to reach out to potential panelists.
- u. People who have tried things very different. 5 people and reach out to our top 3. Perhaps even 2 would be good if we set up the discussion right.
- v. The professional communicator for a science group. Someone who helps drive science policy. Jessica Hellmann?
- w. Program at BU to train grad students in K-12 education. This can be a place to look.
- x. Are there people in allied programs that we can recruit people into EFI by asking people to be on the panel?
 - i. Museum of Science, Boston
 - ii. Who would be good for adding to our partners list. IF we want to write proposals down the road that will include education and communication, who would be good to add to the list
 - iii. Also need to know what the value add to them would be.
 - 1. Would be good to put us on their radar
 - iv. Smithsonian does outreach - can Jim recommend someone?
- y. Next steps
 - i. Highlight some people

1. Mike (experitial), Suarez (studying it), The Conversation or Liz Neely (we help people do this professionally)
 - ii. Develop list of questions
 1. Communicate science
 2. How to communicate uncertainty without undermine trust or belief
 3. How to have two way conversation/dialogue on science with the public or other audiences that is open to an exchange of information
4. Matchmaking Ideas - follow up to Nick Clark's email
 - a. Didn't get to this on today's call
5. Other Work Plan Core Function Ideas from Previous Calls
 - a. Core Function 1: Foster a Collaborative Community
 - i. Follow up with Melissa about point 3 Innovations and research priorities
 - ii. Kira to continue to work on a private spreadsheet of contacts and has a database from Mike to go back to
 - b. Core Function 2: Promote the Co-Development and Use of Resources and Tools
 - c. Core Function 3: Research to Operations
 - i. How do we share and communicate the Technical Readiness Levels already in place?
6. Joint Partners/Social Science Call
 - a. When to have a joint call? September?
 - b. Put ideas for the with Joint Call Here