

## June 9, 2025 Joint DEI/Education Working Group Call

Attendees: Mary Alldred, Alyssa Willson, Jody Peters, Krishna Anujan, Rachel Torres, Saeed Shafiei Sabet, Dave Klinges, Jordan Zabrecky, Jason McLachlan, Antoinette Abeyta

Agenda/Notes:

1. Poll for the Book Group: <https://www.when2meet.com/?30905545-rqiYe>
2. EFI2025 Conference EFI University for Everyone Follow Up Blog Post
  - i. Report Back Slides Working Group Updates
  - ii. Jody's Notes: EFI University for Everyone Meeting Notes
  - iii. Pictures of Flip Chart Notes
  - iv. Folder with all the EFI University for Everyone materials: EFI 2025 Conference\_EFI University of Everyone WG
  - v. Google doc for EFI University for Everyone Blog Post Draft Text
3. Funding opportunity shared by Dave:
 

<https://www.russellsage.org/research/funding/social-inequality>

  - a. Has anyone applied for funding from Russell Sage?
  - b. Is there anything connected to EFI University for Everyone?
  - c. Dave has energy to write proposals if anyone wants to connect. Dave will circle back after thinking about this more
    - i. Stress induced heat for migrants on the southern border and Indigenous communities
    - ii. Incarcerated people are another group to consider
    - iii. Urban heat islands and poverty - lots of papers out of AZ. Ambulance calls, extreme heat days.
    - iv. Book: The Heat Will Kill You First - has a great overview of extreme heat from a social perspective;
 

<https://www.hachettebookgroup.com/titles/jeff-goodell/the-heat-will-kill-you-first/9780316497558/>
    - v. People who are interested should ping Dave with their interest and ideas
  - d. Deadline is July 16 for LOI - 4 page
4. Request from Antoinette: feedback from the group for an educational framework we are developing for a grant
  - a. Antoinette and Chad Smith at U of NM Gallup are applying to implement data sensors to bring in data science education at UNMG
  - b. Is there a way to get the scaling up to come across more - perhaps make the arrows get darker or get heavier
  - c. Reflection & Refinement Phase - adjust so it is easier to read
  - d. CURE - REU style learning in the class you are actually taking

- e. e-CURE model - progressively make a CURE more complex. At the beginning, it is more basic - how is research conducted. Then give them a data question and then go to the experience where student comes up with their question, collect and analyze their data
  - f. Have a wide range of sensors in the proposal - air sensor, CO<sub>2</sub>, soil probes - temp, conductance, moisture content, solar - UV radiation, bat detector
  - g. Start with question about native vs non-native vegetation and microclimates
  - h. Students start with structure and then can spin off.
  - i. Seasonality matters - think about which sensors might give most interesting data during the different courses
  - j. Proposal due July 1
  - k. NEON is good at graphics and big picture and why it matters - language and framing could be useful for the proposal
5. Jordan - interested in learning more about educational resources. Jordan is interested in helping undergrads learn about grad student life is like
- a. Rachel and Jordan to connect about sharing experiences with McNair Scholars
6. Mary - developing K12 curricula for high school and developing active learning modules and having students develop their own research on road salt. Also building online ShinyApp.
- a. Rachel working with high school teacher on water quality modules (still figuring out the end product) but might be nice to make connections