

ARD Advisory Council Meeting Agenda

April 10, 2024 | 3:00 PM | East Campus Union

1. Introduction of new members
 - a. Welcome Raul Barletta and Hyun-Seon Song!
2. Approval of last meeting minutes - May 23, 2023
 - a. John moved to approve the minutes of the May 23, 2023, meeting. Dinos seconded. Minutes were approved without changes.
3. Review of the 2023 ARD research meeting
 - a. There were a few panel sessions during the meeting:
 - i. Cultural competency panel- Jacquelyn Wiersma-Mosley, PJ Haynie and Joe Brownell were panelists.
 - ii. Industry research panel – feedback from attendees was that there is not enough engagement, especially at ENREEC.
 - b. Research impact videos were recorded as a way to increase communication and promote research.
 - i. IANR is creating “brag” sheets for each area where research is occurring and the impact that has happened.
 - ii. **Action Item:** share brag sheets with the ARD Council
 - c. Feedback from the Council – it was a great meeting, and the structure was good.
4. Suggestions for the 2024 ARD Research Day
 - a. **Action Item:** Lauren will look at dates in early September.
 - b. Discuss long term vision, where we are going to be in 5 years, and discuss how decisions affect this plan.
 - i. Example: people aren’t sure how the ARS building fits into UNL.
 - c. REEC Collaboration Panel - Short session about resources and work being done at REECs.
 - i. Share examples of collaboration projects between REECs and campus.
 - ii. Have the directors talk about facilities and faculty talk about their experience, challenges, and positives.
 - iii. Impact and major findings.
 - d. Multi-disciplinary team/team science
 - e. Extension – how do we integrate extension into activities and help with research?
 - i. Have Charlie, Jentry, and/or Dave talk about how extension can help with greater impacts.
 - ii. SAS (Sustainable Ag System through NIFA) proposals require 30% of budget to go toward extension and teaching. See if Paul Kononoff can talk about how it was implemented in his grant.
 - iii. How do we develop and approach development and training?
 - f. EPSCOR grants – invite Nathan Meier and Matt Andrews to talk about this.
 - i. Jessica Corman, Dirac Twidwell, Dan Schachtman, Harkamal Walia, Craig Allen are working or have worked on these grants.

- g. AI keynote - precision digital ag, climate smart, carbon neutral farm (vision for Roger Memorial Farm)
 - h. Bring UNL IT to meeting?
5. Review ARD events for 2024
- a. USDA ARS Beef meeting – emphasizing UNL beef.
 - b. Aksarben Leadership Visit – hosting at ENREEC, NIC and East Campus. Plan to demonstrate the research happening on campus and think about how to partner with Aksarben on projects within the state.
 - c. NFARMS groundbreaking – early summer
 - d. ND3P (Nebraska Drug Discovery and Development Pipeline) virtual symposium – partnering with UNMC for this event.
 - e. KFIC ribbon cutting – facility will have animals by August.
 - f. Field days will take place throughout the summer at research sites around the state.
 - g. Great Plains Network meeting – Tours will be held at ENREEC and GIC. They would like to learn more about data and the barriers.
 - h. RCAS – Research Center Administrators Society
 - i. Administrators in this society have similar responsibilities as Hector, which is to oversee research centers in their states.
 - ii. They hold two meetings during the year and UNL is hosting this fall - September 8-11, 2024.
 - i. The International Plant Phenotyping Network will be held the first week of October 7-11, 2024, in Lincoln.
 - j. 2025 – Animal Precision Livestock; Tami Brown-Brandl and team is hosting with the help of ARD.
 - i. Anticipate about 300 researchers to attend.
 - k. Tala is leading the global engagement effort by going on trips and attending events on city and east campus.
 - i. Educational platform can exclude research, so how do we partner to discuss research?
 - ii. Bring global engagement connections and/or collaborations to Tala
6. ARD Initiatives updates
- a. Partnerships for Data Innovations (PDI) is a USDA-ARS program that Derek and Tala are working with, and the goal is to help them to advance data science and data across pipeline.
7. Research growth and needs:
- a. IT exception policy – need for university-based structure.
 - A committee was formed to work with city campus IT to help fix issues.
 - Data storage costs money - encouraging faculty to write this (purchase capacity of data storage) into grants.
 - The suggestion was made to have representatives that work directly with data on the committee.
 - o Julie will talk with REEC faculty to see if needs are met.
 - There are intersections of development of data ecosystems – frequency, size
 - o Data flow from PI to the storage

- Continue conversation with IT to help understand our needs.
 - Please let ARD administration know what issues there are currently so that they can be shared with UNL IT.
 - b. Large data management
 - c. AAU status strategy
 - Links to research KPIs
 - Beginning process with department heads
 - d. Research KPIs
8. Council members proposed initiatives
- a. Data access, IT exceptions
 - i. What is the vision? – determining where we’re trying to go may help to guide the discussion.
 - ii. How can we make it secure?
 - iii. We have some publicly shared data, some secure (human)
 - 1. Check in with UNMC for their processes and procedures (human records)
 - b. Mesonet – The bill did not get out of the committee, but Senator Dorn will put it back next year. Working with other groups to secure funding.
9. Other items

Move to adjourn –

- Dinos moved to adjourn the meeting; Raul seconded. The meeting was adjourned at 4:14 PM.