Round Table Discussion Key Takeaways

**Topic:** Women as a Minority in engineering majors and how the WISE program provides support  
**Unit:** Women in Science and Engineering (WISE)  
**Facilitator:** Linda Varvel  
**Number of Attendees:** 2

**Key Takeaways:**
- Women in STEM need the social connection just as much (if not more!) than some of the academic or professional development events on campus.
- WISE is meeting a need on campus that not a lot of units are meeting and needs to continue with the support in funding and staffing.
- Some of the needs WISE is meeting exist for grad + post doc women outside of STEM fields as well.

**Topic:** Iowa STEM teacher externships  
**Unit:** Southeast Iowa STEM Hub  
**Facilitator:** Kristine Bullock  
**Number of Attendees:** 4

**Key Takeaways:**
- Great interaction with other presenters
- Need to be more active (speed dating) to convey more info to larger groups

**Topic:** Disseminating your work through open access publishing  
**Unit:** UI Libraries  
**Facilitator:** Mahrya Burnett  
**Number of Attendees:** 5

**Key Takeaways:**
- Predatory publishers are bad actors in the open access space, but you can tell the good from the bad with close evaluation.
- UI has an institutional repository for archiving faculty scholarship. You can make your work open that way.
- The library’s Scholarly Impact Dept. can review your CV + tell you if your work can be deposited without violating copyright.

**Topic:** Building partnerships to promote clinical trial research infrastructure at Iowa  
**Unit:** Clinical Trials Statistical and Data Management Center (CTSDMC)  
**Facilitator:** Dixie Ecklund  
**Number of Attendees:** 2

**Key Takeaways:**
- Establishing central IRB capabilities with Iowa as the reliant institution will help with infrastructure at Iowa.
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**Topic: Program evaluation services for grants**
**Unit:** Center for Evaluation and Assessment (CEA)
**Facilitators:** Liz Hollingworth and Valerie Decker
**Number of Attendees:** 2

- A researcher asked where they can look for small grants. She works at a center in the hospital and is struggling finding RFPs at the right scale.
- What projects can benefit from program evaluation? Where do evaluations fit into the process?

**Topic: Artificial Intelligence and Machine learning**
**Unit:** Iowa Initiative for Artificial Intelligence (IIAI)
**Facilitator:** Milan Sonka
**Number of Attendees:** 3

- Interest from Education
- Interest from Dentistry
- Offer seminars at colleges and units

**Topic: Museums’ roles in impact and engagement**
**Unit:** UI Pentacrest Museums
**Facilitator:** Jessica Smith
**Number of Attendees:** 2

- Diversity and acceptability in museums/research and programming deserve careful attention.
- Funding for new projects or collaborations – key.
- Research collections are invaluable.

**Topic: Building successful outreach initiatives for first generation or racial/ethnic minority students**
**Unit:** Center for Diversity and Enrichment (CDE)
**Facilitator:** Nadine Petty
**Number of Attendees:** 4

- Outreach to FG and minority students is difficult. This is because we don’t know what we don’t know about these groups. As such, we make promises we can’t keep or miss engaging them entirely. We set up false perceptions of “acceptance” they can see right through.
There is interest across various departments and units to provide GRE prep support to FG and minority students. CDE is already doing this. OGI is interested in partnering with CDE on initiative and Public Health will reach out for info.

There needs to be more FG support for FG students before college matriculation. Examples: FAFSA help, help with college applications. Many students come from high schools that don’t have this support. (Tied to key takeaway #5)

Better outreach to minority students involves understanding they will engage in a self-learning process outside the process of earning their actual degrees. So we need to help support them with figuring out components of navigating PWI not tied to degree.

Getting into high schools to provide seminars, educate and support counselors, and educate parents are important for FG pre-matriculation support. (We need to do a better job of engaging feeder high schools.)

**Key Takeaways:**
- Better list of resources is needed.
- Networking is the most effective way to find resources.

**Topic:** Concept to prototype! Design and construction of mechanical and electronic devices  
**Unit:** Engineering Technology Center  
**Facilitator:** John Kostman  
**Number of Attendees:** 1

**Key Takeaways:**
- Attendees happy to see “precision nutrition” included in the draft Strategic Plan for NIH Nutrition Research to better explore individual variability in response to diet.
- Post Doc glad to know one of the seven major themes of the draft Strategic Plan for NIH Nutrition Research includes “support for training an outstanding nutrition workforce”.
- Attendee disappointed the major themes of the draft report did not include one on empowering the public by providing more and better nutrition education for the general population, especially children. However, the draft report does include a theme on advancing research to evaluate strategies for sustaining nutrition-related behavior change and encouraging the adoption of evidence-based dietary interventions.
- Attendee believed the emphasis on minority health and health disparities, women, infants and children were important and warranted to help establish better nutrient requirements for these groups of individuals.
- Facilitator was pleased the draft report encourages a) the collection of dietary intake and nutritional status biomarkers in non-nutrition studies because they may influence biological responses to drug and biomedical study interventions and b) the use of
controlled feeding studies which would provide more rigorous data on specific diets prior
to the initiation of dietary intervention studies in free-living populations.