**TEAM**

Chair Asha Miles | USDA-ARS-AGIL

Membership Jeffrey Bewley | HAUSA

Sophie Eaglen | NAAB

Robert Fourdraine | DRMS

Kristen Gaddis | CDCB

Steven Sievert | NDHIA

Advisory Joao Durr | CDCB

Jay Weiker | NAAB, CDCB BOD

*In absentia:*

**PROPOSED AGENDA**

1. **Research proposal**
   1. Research agreement between ARS and DRMS for MS data exchange
      1. Approved! Data transferred to ARS as of mid-January
   2. Survey
      1. Distributing survey to participating herds
         1. DRMS can get in touch & distribute
         2. Asha will work with Robert on this
            1. Follow-up with John
         3. Asha & Joao about Amazon gift cards
   3. **Analysis**
      1. See supplemental “20230224\_MSPD-Analysis-Summary.docx”
      2. Descriptive Statistics
         1. Need to finish
            1. Milking interval calculations
            2. AMS by breed
            3. AMS all milkings (not just 1-3)
      3. Planned:
         1. PCA
         2. Regressions

Thoughts on further analysis:

-check how breeds are distributed across herds

-nest WW within HO and look at XX/XB/XD (Robert to provide sire and dam breeds to help clarify crossbreds

-look at data loss with edits by herd (and by breed for AMS)

-examine how many cows are lost with edits (not just records); how “complete” are records for each cow?

-are any herds lost in entirety?

-can’t conclude much from so little data for smaller breeds; worth pursuing and continuing to accumulate data to provide answers to smaller breeds

-difference between DeLaval and Lely MS could be box time v. milking time

-follow individual cow across her lactation (subset all cows that calve on 1/1/22 & see how her MSPD changes over DIM

-Still need to investigate SCC/MAST interactions, consider age of calving

1. **Other (Open to All)**
   1. Next meeting 03/31/2023
   2. ICAR abstracts due March 30th