**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

**PROPOSED AGENDA**

1. **TF Term has been extended to APR 2023**
   1. What now? Goals, Timeline, Deliverables

**-Monthly meeting**: 2nd and 4th week of month, latter part of week

Schedule around major events/conferences

Morning for EST, end of week is better

-Aim for longer **in-person meeting @** **World Dairy Expo** in October / get producer feedback here

-By Jan of next year/halfway point have started collecting data

1. **Any Progress Reports (open to all)**
   1. Recruitment of AMS herds (Jeffrey)
      1. Update on Oakfield Corners agreement (Andy Lenkaitis | GEA)

4/11/22 email: MLA signed, Andy to assemble narrative for available data

\*Any movement? Can follow-up after research plan finalized

* 1. Possible DelPro Data (Asha)

Met with Nancy Charlton (DeLaval North America Senior Advisor)

Recommended: find farms, ask if they have had milk meters calibrated, ask who their dealer is, then come back to Nancy. She can work with them to generate customized reports that are automatically uploaded to a cloud for us on a set time schedule

* 1. Possible AFI herd (Asha)

Knows someone at GPS dairy consulting who can put us in contact with herd

* 1. MSTF talk @ ICAR/Interbull

Reminder: speak soon or forever hold your peace re: slides for Joao

1. **Research Proposal (Asha)**
   1. Discuss changes/additions to objectives before fleshing out Approach

Especially Obj 1: assemble high-quality (comprehensive) dataset

We need consensus on what data should be included before we move forward with recruiting herds

Robert has 191 PCDART herds with MS-relevant info (Fiona project)

What does “high-quality dataset” mean?

Calibrating meters, reliable ID recording, controllers are working, not all parlors =, finite endpoint in rotary, parallels may not have that, parameters for robots are different -> must be considered in experimental designs

What fault codes do we want to include?

Not just interested in MS only, need other info also, which doesn’t just come off a robot system (still need traditional flow of data)

**Enrollment criteria**:

-participate in DHI programs to make sure we can validate their information AND pull in their traditional information (pedigrees, etc)

“Representing US dairy demographics” – better to Represent diff types of systems (rather than US demo as a whole, data for many herds not available)

**Data goals**:

-Short-term: data for pilot research

How much do we need and of what?

-Long-term: plan for how to bring in data

-DRPCs should be able to ID herds with automated systems.

-Need to go to VAS etc. with clear directives (what exact data do we need you to retain)

**Data Types:**

System

-Pen effects, interactions. Etc.

Biology

-Age at first calving

Human

-milkers, prep procedures

-milking team within herd effect can’t be ignored ; for purposes of GE some variation can be diluted by characterizing MS per cow regardless of human effect (avg of 15 d of milking, multiple measurements)

**Phenotype questions**:

Continuous or categorical, can be answered with data but approach will change sample size requirements

We want to start with quantitative scale then assess whether scaled levels are needed

Quant measures could be interesting indicators for herd (was fast, now 2 min slower, etc.)

SE involved in Dutch eval on MS, this is more detail than most countries consider

**Needs/Action Items**:

Glossary of terms: information we want, but also what we mean by that

Enrollment:

-DHI herds (there’s no precedent of non-DHI data being included in GE)

1. **CDCB Producer Advisory Committee Meeting?** (tabled from last time)
   1. Brainstorm questions
      1. What are all the ways you use MS data?
      2. What questions do you want to be able to answer about your cows and your herd (related to MS)?
   2. Timeline/Schedule Meeting?