

**2024 NE2334 Technical Committee Annual Meeting  
Genetic Basis for Resistance and Immunity to Avian Diseases**

University of Illinois  
Urbana-Champaign  
The I Hotel and Illinois Conference Center

**October 2<sup>nd</sup> 2024**

**Member(s) Present:**

Keith Jarosinski (KJ), Rachel Jude (RJ), Cari Hearn (CH), Deborah Velez-Irizarry (DV), Ryan Arsenault (RA), Hueijun Zhou (HZ), Yvonne Drechsler (YD), Mark Parcels (MP), Andrew Broadbent (AB), Brandi Sparling (BS), Theros Ng (TN), Neith Jarosinski (NJ), Travis Williams (TW), Paul Cotter (PC), Jossie Santamaria (JS), Gisela Erf (GE), Juan C. Rodriguez (JR), Bob Taylor (BT), Chris Ashwell (CA), Ali Nazmi (AN), Rodrigo Gallardo (RG), Chrysta Beck (CB), Matt Koci (MK), Ramesh Selvaraj (RSe), Rajeev Shrestha (Rsh), and Gireesh Royashekara (GR).

**Business meeting**

- Call to order 4:39
- **Discussion around the continuation of the inbred lines.** HZ raised that, as of July 1<sup>st</sup> 2025, some of the inbred lines will not exist any more. MP inquired about whether primordial germ cells (PGCs) could be used to freeze the lines. It was responded that there has been little success with this approach. GE commented that freezing semen has had some successes, but this still need optimizing. BT commented that different frozen semen batches led to inconsistencies in the offspring, so would need to be done on a line-by-line basis. GE commented that we should not rely on PGCs until the approach has been validated, or else there may not be an incentive to keep the flocks going.
- **Electing a new secretary for 2025, who will then be the chair in 2026.** YD nominated Cari Hearn; RG seconded; Cari accepted; TN called for a vote; All the technical meeting committee voted; the vote carried unanimously. Cari Hearn will be the secretary in 2025 and chair in 2026.
- **Arranging the 2025 NE2334 meeting.** BT- suggested hosting the NE2334 meeting at the Poultry Science Association (PSA) meeting in Raleigh North Carolina in July 2025, either immediately before or after. AB is chair next year (2025) but cannot attend PSA 2025 due to attendance at the American Society for Virology (ASV) 2025 meeting which is at the same time. TN raised that some other members of NE2334 may also not attend PSA. RG mentioned that PSA was also very close to the American Association of Avian Pathologists (AAAP) meeting. YD liked the concept of tagging to another meeting in general. YD raised a motion to call vote to go to Raleigh; JR seconded; all present voted; the vote carried unanimously. The 2025 NE2334 meeting will be held in Raleigh, NC, hosted by MK. Regarding the timing, MK suggested that a google form be circulated around that members should complete for when they are not available, and then we can work around that to figure out the best timing for the meeting. If it clashes when AB is at the ASV meeting, then he could chair the business meeting by Zoom. BT suggested the group should try to extend its membership, but stressed they should participate in person.

- **Other business.** BT mentioned that the current project expires 09/30/2028, meaning there are now 4 years remaining, and we should start to think about renewing in 2026. Finally, special thanks were given to KJ for being the local host, and the University of Illinois. All agreed that the venue, the catering, the organization and the logistics were excellent.