

## **Research & Food Safety Committee**

*October 22, 2020*

- Decided to send a survey to members to determine research priorities for the year. Projects should focus on practical results for on-farm application.
- Reviewed the proposal process and timelines for the upcoming year.

*November 4, 2020*

- Reviewed the results from the research priorities survey, identifying dermatitis and beetle control as top issues.
- An RFP will be sent to identify research projects for beetle control.

*December 9, 2020*

- Reviewed the request received from Dr. Kells at the University of Minnesota on a beetle control project. The committee would like to meet with him in person.
- A second RFP for pre-proposals will be sent to identify projects to study dermatitis, reovirus, and leg issues not associated with reovirus.

*January 6, 2021*

- Interviewed Dr. Kells regarding his experience and asked to complete a pre-proposal with estimated budget.
- Pre-proposals on other research topics are due January 27.

*February 16, 2021*

- Reviewed pre-proposals received:
  - “Understanding and controlling the infestations of lesser mealworms in Upper-Midwest Turkey Production Facilities,” Dr. Kells, University of Minnesota – requested a full proposal
  - “Extent and duration of immunity in progeny following vaccination of turkey breeders against turkey arthritis reovirus,” Dr. Goyal, University of Minnesota – requested a full proposal
  - “Development of a low-cost robot to provide constant monitoring for lameness in turkey flocks,” Dr. Koltes, Iowa State University – requested a full proposal
  - “Development of rapid field deployable testing of pathogens associated with lameness,” Dr. Mor, University of Minnesota – will not request a full proposal
  - “Sequence based typing, transmission and vaccine development for turkey arthritis reovirus,” Dr. Mor, University of Minnesota – will not request a full proposal

- “Development of a serologic assay and novel vaccine approach to mitigate turkey arthritis reovirus,” Dr. Sharafeldin, South Dakota State University – requested a full proposal
- Sarah is working to convene a group who has done dermatitis research in the past.

#### *March 16, 2021*

- Heard presentations on final proposals received
  - “Extent and duration of immunity in progeny following vaccination of turkey breeders against turkey arthritis reovirus,” Dr. Goyal, University of Minnesota
  - “Development of a low-cost robot to provide constant monitoring for lameness in turkey flocks,” Dr. Koltes, Iowa State University
  - “Development of a serologic assay and novel vaccine approach to mitigate turkey arthritis reovirus,” Dr. Sharafeldin, South Dakota State University
- Will decide final funding amounts after presentation from Dr. Kells in April.
- Sarah will work with veterinarians and researchers to collaborate on articles for Gobblers about dermatitis.

#### *April 6, 2021*

- Heard presentation on outreach work proposed by Dr. Stephen Kells on darkling beetle issues in turkey barns.
- Finalized funding amounts for research projects. Letters and contracts will be sent to researchers.
- Discussed plan for a series highlighting dermatitis control procedures in Gobblers. This series will be put together by Dr. Jill Nezworski, Dr. Marissa Studniski, Dr. Michelle Kromm, and Tanner Evans.