

American Sheep Industry Association

Genetics Forum Agenda

Hosted by ASI Genetic Stakeholders Committee, National Sheep Improvement Program and Sheep Genetics USA

Thursday ~ January 20, 2022

10:00 a.m. – 3:30 p.m. (Pacific Time)

- 10:00 a.m. **Welcome & Overview of Morning Session**
Lisa Weeks, ASI Genetic Stakeholders Committee Co-Chair
- 10:05 a.m. **Future View of Sheep Genetics USA**
Tom Boyer, SGU Board member
Rusty Burgett, SGU Board member
- 10:25 a.m. **Introduction of NSIP Technical Committee Members**
Andrew Hess, Ph.D., University of Nevada-Reno
Andrew Weaver, Ph.D., North Carolina State University
- 10:35 a.m. **Genotyping Techniques and Platforms**
Brenda Murdoch, Ph.D., University of Idaho
- 11:00 a.m. **Fine Wool Index Update**
Alison Crane, Ph.D., Kansas State University
Tamra Kott, Kansas State University
- 11:30 a.m. **Break**
- 1:00 p.m. **Overview of Afternoon Session**
Lisa Weeks, ASI Genetic Stakeholders Committee Co-Chair
- 1:05 p.m. **Panel on Genotyping Platforms**
Brad Boner, M Diamond Angus Ranch, WY
Lynn Fahrmeier, NSIP Board Chair
Karissa Isaacs, Superior Farms
Ben Pejsar, Neogen
Moderator: Rusty Burgett, NSIP Program Director

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- 1:50 p.m. **Release & Implementation of Genetically Enhanced EBVs**
Rusty Burgett, NSIP Program Director
Lynn Fahrmeier, NSIP Board Chair
- 2:35 p.m. **Improving Robustness and Climatic Resilience in U.S. Sheep Populations through Genomics**
Ron Lewis, Ph.D., University of Nebraska-Lincoln
- 3:20 p.m. **Concluding Remarks**
Lisa Weeks, ASI Genetic Stakeholders Committee Co-Chair