Bovine Reproductive Ultrasound Training Agenda

Middle Tennessee Research & Education Center
Spring Hill, TN
June 3rd & 4th, 2019

**Monday, June 3rd**

9:00 AM – 9:15 AM: Check in; description of the facilities; introductions; review agenda

9:15 AM – 10:00 AM: Ultrasound Theory, physics, and interpretation

10:00 AM – 11:00 AM: Review reproductive anatomy and embryonic & fetal development

11:00 AM – 12:00 PM: Introduction to equipment and features

12:00 PM – 1:00 PM: Lunch

1:00 PM – 2:00 PM: Pregnancy diagnosis and assessment of fetal viability

2:00 PM – 3:00 PM: Scan tracts & ultrasound models; Image interpretation practice

3:00 PM – 4:30 PM: Open cow evaluation, ovarian dynamics

4:30 PM – 5:30 PM: Fetal gender determination

**Tuesday, June 4th**

7:00 AM – 11:00 AM: Beef cows (n = 70; app. 42 days post AI)

11:30 AM – 12:30 PM: Lunch

12:30 PM – 1:00 PM: Fetal aging and pathology

1:00 PM – 2:00 PM: Oocyte aspiration discussion

2:00 PM – 3:30 PM: Dairy cows (n = 20; app. 60-130 days post AI)

3:30 PM – 4:00 PM: Final questions and Evaluation