

## Registration

Online at [www.appliedreprostrategies.com](http://www.appliedreprostrategies.com)

Or mail in form below (one per person)

Note: Credit cards can only be taken via on-line registration

All conference registrations include proceedings, breaks, breakfast, lunch and steak dinner on Aug. 29 and breakfast on Aug. 30. The laboratory session the afternoon of Aug. 30 is optional and includes a box lunch. Refunds of general registration will only be made if notification is received on or before Aug. 16.

Name: \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

Item	Early registration Due July 29	Registration Deadline – Due Aug. 16	Walk-in	Amount Due
<u>Full Conference (meeting and lab)</u>				
Conference Attendee	\$170	\$200	\$250	_____
Student Attendee	\$100	\$100	\$150	_____
<u>Conference only (no lab on 8/30)</u>				
Conference Attendee	\$140	\$170	\$220	_____
Student Attendee	\$80	\$80	\$130	_____
Additional Tues pm event tickets		\$30	\$40	_____
Total Due				_____

To register with this form, make checks payable to Kansas State University and mail with completed form to Katie Golemboski, ARSBC Workshop, P.O. Box 786, Colby, KS

KSU Northwest Research & Extension Center  
 PO Box 786  
 Colby, KS 67701

# Applied Reproductive Strategies in Beef Cattle Workshop



**Aug. 29 - 30, 2017**

Hilton Garden Inn and  
 Manhattan Conference Center  
 410 South 3<sup>rd</sup> St,  
 Manhattan, KS



[www.AppliedReproStrategies.com](http://www.AppliedReproStrategies.com)

## Tuesday August 29<sup>th</sup>

8:00 a.m. Welcome - *Ken Odde*, Kansas State University, Head, Department of Animal Sciences and Industry

### **Part 1: Foundational principles**

8:05 a.m. Physiology of the estrous cycle – *Jeff Stevenson*, Kansas State University

8:40 a.m. Estrous synchronization protocol evolution and practical application - *Dave Patterson*, University of Missouri

9:10 a.m. General management considerations to improve success of AI – *Rick Funston*, University of Nebraska

### **Part 2: Application**

9:40 a.m. Characteristics of successful breeding programs – AI industry perspective – *Sandra Levering*, ABS Global, Protection, KS

9:55 a.m. Characteristics of successful breeding programs -A veterinarian perspective – *Randall Spare*, DVM, Ashland Veterinary Service

### **10:10 a.m. Break & Trade Show**

10:40 a.m. How we make reproductive technologies pay; heifer development perspective – *Doug O'Hare*, O'Hare Ranch, Ainsworth, NE

10:55 a.m. How we make reproductive technologies pay; commercial perspective – *Barb Downey*, Downey Ranch, Wamego, KS

11:10 a.m. How we make reproductive technologies pay; seedstock perspective - *Galen Fink*, Fink Beef Genetics, Randolph, KS

11:25 a.m. Questions / Discussion

### **Noon Lunch (provided) and visit Trade Show**

### **Part 3. Nutritional components**

1:15 p.m. Heifer development strategies and targets – *John Hall*, University of Idaho

1:45 p.m. Mystery and magic of mineral programs – *John Arthington*, University of Florida

2:15 p.m. Impact of nutrition, behavior and other stressors on embryonic loss and fertility - *Reinaldo Cooke*, Oregon State University

### **2:45 p.m. Break & Trade Show**

### **Part 4. The male side**

3:15 p.m. Predicting and promoting fertility in beef bulls – *John Kastelic*, DVM, University of Calgary

3:45 p.m. Developing breeding bulls for the commercial cattleman – *Dan Larson*, Great Plains Consulting

4:15 p.m. Commercial aspects of sexed semen – *George Seidel*, Colorado State University

4:45 p.m. Q & A

6:00 p.m. Social (cash bar) Stanley Stout Arena

6:30 p.m. Steak dinner, Announcement of Service to Industry Awards

7:30 p.m. Discussion groups

## Wednesday – August 30<sup>th</sup>

7:00 a.m. Breakfast (provided)

### **Part 5. Systems and health**

8:00 a.m. Reproductive and other emerging disease concerns – *Gregg Hanzlicek*, DVM, Kansas State University

8:30 a.m. Systems approach to animal health – *Dave Smith*, DVM, Mississippi State University

9:00 a.m. Pregnancy diagnosis in cattle: when, why and how – *Ky Pohler*, University of Tennessee

9:30 a.m. Feeding the future: How maternal nutrition impacts the next generation – *Kim Vonnahme*, North Dakota State University

### **10:00 a.m. Break & Trade Show**

10:30 a.m. Embryo transfer: Managing recipients and donors - *Cliff Lamb*, Texas A & M University

### **Part 6. Leveraging genetics**

11:00 a.m. Next on the horizon for genetic technology - *Randy Prather*, University of Missouri

11:30 a.m. Selection of replacement heifers – *Bob Weaber*, Kansas State University

12:00 p.m. Practical application of genomic tests in beef production – *Megan Rolf*, Kansas State University

12:30 p.m. Conference wrap up and head to lab (*LAB is optional*) or home

### **Part 7. Optional Lab**

1:45 – 4:45 pm - Stanley Stout Center –*separate fee*

Topics –

1. A tutorial on semen quality
2. Cow-side semen handling
3. DNA testing 101
4. Reproductive tract scores
5. A closer look at the “hows” of pregnancy detection
6. Pregnancy Analytics App
7. Estrus Synchronization Planner & Management Minder

Participants will rotate through 5 of 7 lab stops. Size of some sessions will be limited; order of receipt of registration will be used to determine priority if needed. Pregnant tracts will be available to try various ultrasound machines. This will not be a “how to” ultrasound session, rather an opportunity to see different machines and features in action.

