Animal Sciences Seminar – Chung Park, Coordinator

Speaker: Tom Geary, Research Scientist, USDA-ARS Fort Keogh Livestock and Research Range Laboratory, Miles City, MT

Topic: Pregnancy Establishment in Beef Cattle: Ovarian and Follicular Dynamics

Date/Time: Friday, March 28; 2:00 p.m.

Location: Hultz Hall 104

Tom Geary received his B.S. in animal and range sciences from Montana State University in 1985. He spent two years on a family ranch in Montana before returning to school to complete his M.S. (1989) and Ph.D. (1994) degrees in animal science at Washington State University. Tom served as an assistant professor in the Animal Science Department at Colorado State University before returning to Montana in 1999. He is currently employed as a research scientist with the USDA-ARS Fort Keogh, Livestock and Research Range Laboratory in Miles City, MT.

Tom’s research focuses on reproductive efficiency in beef cattle by evaluating strategies to improve pregnancy establishment and maintenance. He directs research toward understanding early embryonic loss and applications that minimize these losses. Current research includes earlier pregnancy diagnosis in cattle (CL blood flow and microRNA), fertility associated genetic markers, spermatozoa abnormalities affecting embryonic survival, and ovarian factors associated with oocyte competence.

Join us for a celebration of National Ag Week following the seminar. Cake will be served. (photo Timeline Photos)

We will also wish Samantha Kaminski a fond farewell as she departs NDSU to begin her new position at CRI-Genex in Shawano, WI, as the Dairy Data Specialist.

This publication will be made available in alternative formats for people with disabilities upon request, contact Holly Erdmann, Animal Sciences News editor at (701) 231-7513. NDSU is an EO/AA employer.
Outstanding Seniors Named

The College of Agriculture Food Systems, and Natural Resources held its Outstanding Senior Awards Program and Reception on Tuesday, March 25. The top 10 students were recognized. Among those selected were the following with majors in the Animal Sciences Department: Zac Carlson, Rachael Lagein, and Allison Mustonen, animal science, and Christine Nodsle, veterinary technology.

Congratulations to these outstanding students!

Friday Afternoon Club – Kendall Swanson

Date/Time: Friday, March 28; 3:15 p.m.

Discussion Leader: Marc Bauer

Discussion Paper: Increased Mortality of Cattle Fed B-Adrenergic Agonists (attached)

This is a very timely topic as there is much discussion in the industry on the use of beta agonists. As of early last fall, cattle fed Zilmax were not being accepted for processing at the major North American packing plants and Merck has pulled the product from the market in North America. However, there is significant research being conducted on this topic currently, and there also is significant controversy as to the effects of beta agonists on animal welfare, mobility, lameness, etc. This paper provides some recent research results on this topic and probably adds to the controversy.

15-Passenger Van Training Scheduled

Anyone who will need to drive either the 12-passenger or 15-passenger vans from Motor Pool is required to take both online training and the behind-the-wheel training. Following are the dates scheduled for this year: May 8, June 12, August 14, September 11, and October 9.

Please call 231-9619 to schedule your individualized training. Please bring your green completion card to Holly when you receive it from Motor Pool.

Congratulations to Tara Swanson on completing her M.S. degree!
**Special Seminar**

**Speaker:** Tom Burke, American Angus Hall of Fame, Smithville, MO

**Topic:** Purebred Cattle Merchandising and Tom’s Involvement as a Member of the American Angus Hall of Fame

**Date/Time:** **Wednesday, April 2, 2014; 2:00 p.m.**

**Location:** Hultz 104

Tom Burke will be making his third annual visit to NDSU as a guest speaker in ANSC 380, Livestock Sales and Marketing. Tom will also be taking time out of his busy schedule to give this seminar about purebred cattle merchandising and his involvement as a member of the American Angus Associations Board of Directors.

Tom’s sale management firm, The American Angus Hall of Fame, manages purebred Angus cattle auctions. In the 135-year history of the Angus breed, the American Angus Hall of Fame has managed more “million dollar plus” Angus sales than all competitors combined. The American Angus Hall of Fame has continued to grow and expand in total dedication to the welfare of the Angus breed worldwide and is celebrating its 75th year.

Tom has addressed animal science students on livestock merchandising at the following colleges and universities: Auburn University, California Polytechnic State University, Cornell University, Graceland College, Kansas State University, Michigan State University, North Dakota State University, Oklahoma State University, Pennsylvania State University, University of Georgia, University of Kentucky, Virginia Polytechnic Institute, Western Kentucky University.

For those of you who have listened to Tom’s seminars before, you know he is a passionate, charismatic speaker and is truly a pleasure to listen to. If you are available Wednesday, April 2, make your way to Hultz 104! Even if you have no interest in livestock marketing, you won’t want to miss this seminar!
Elise Kapphahn and Ben Feldpausch
(With Abby and Cody Freeberg, children of Kristi Kapphahn Freeberg)

February 8, 2014
First Lutheran Church, Fargo, ND
(Elise’s parents are Jim and Marsha Kapphahn)
Former Graduate Students Recognized – Greg Lardy
Ely Camacho (Ph.D. ’13) and Erin Harris (B.S. ’09, M.S. ’11) were named ASAS Young Scholars at the Midwest American Society of Animal Science meetings which were held recently in Des Moines, IA. Each was invited to give a 30-minute presentation about their research. The titles and authors were:

Impacts of beef cow nutrition on conceptus development.
L.E. Camacho*1, C.O. Lemley2, K.C. Swanson1, and K.A. Vonnahme1; 1North Dakota State University, Fargo, 2Mississippi State University

Feeding dried distiller grains with solubles (DDGS) to immunologically castrated pigs.
E.K. Harris*1, C. Calhoun2, M.A. Mellencamp2, R. Cox1, L.J. Johnston3, and G.C. Shurson1; 1University of Minnesota, St. Paul, 2Zoetis, Inc., Florham Park, NJ, 3University of Minnesota, West Central Research and Outreach Center, Morris, MN

Ely is currently a post-doctoral student at the University of Arizona and Erin is a Ph.D. student at the University of Minnesota.