Animal Sciences Seminar – Chung Park, Coordinator

Speaker: Dr. Kate J. Claycombe, Research Scientist
USDA Human Nutrition Research Center,
Grand Forks, ND

Topic: Maternal Diet-Induced Obesity and Adipose Tissue Epigenetics

Date/Time: Friday, April 11; 2:00 p.m.

Location: Hultz 104

Dr. Kate Claycombe is a research scientist for the USDA Human Nutrition Research Center in Grand Forks and is an Adjunct Professor for the University of North Dakota School of Medicine. She received her B.S. and M.S. degrees in biology from East Tennessee State University. In 1999, she completed her Ph.D. in nutrition from the University of Tennessee. Kate spent two years at Tufts University for her Post Doc fellowship in nutritional immunology. She then spent a few years as an Assistant Professor in the Department of Human Nutrition at Michigan State University.

Dr. Claycombe’s research is concerned with epigenetics and obesity, focusing on the functions of specific adipose tissue cell types that are important in obesity-associated growth. Dr. Claycombe has an extensive publication record, which includes 34 high impact journal articles.

Friday Afternoon Club – Kendall Swanson

Leader: Dr. Al Conley, University of California, Davis

Topic: Old role for new steroids: infinity and beyond

The papers for discussion are attached separately to the newsletter.

Date/Time: Friday, April 11; 3:15 p.m.

Location: Hultz 104

Dr. Conley is a former faculty member in our department and currently is on the faculty at UC-Davis. He is visiting NDSU to work on a collaborative research project with Dr. Larry Reynolds.
**NDSU Riders Named Reserve High-Point Team** – Tara Swanson, Coach, with Ellen Crawford, NDSU Agriculture Communication

North Dakota State University's equestrian team finished its regular show season as the Zone 7 Region 3 reserve high-point team.

"I am extremely pleased with the team's performance this year," says Tara Swanson, the team's coach. "We had a fairly young and inexperienced team, but they showed remarkable growth throughout the course of the year."

Four members of the team participated in the Zone 7 Region 3 semifinal competition March 29-30 at West Texas A&M University in Canyon, TX. They competed in preliminary rounds March 29, and all four advanced to the finals the following day.

NDSU team members and their placings at the semifinals were:
- Hailey Aagard, a junior from Wadena, MN – first in beginner horsemanship
- Janna Rice, a junior from Maddock, ND – third in advanced horsemanship
- Ashley Lindell, a senior from Solway, MN – seventh in open horsemanship, honorable mention in reining
- Cami Slaubaugh, a junior from Wolford, MN – seventh in intermediate horsemanship

Rice and Aagard will advance to the Intercollegiate Horse Show Association's National Horse Show in early May in Harrisburg, PA.

The four team members earned their spots at the semifinals by placing first or second at the Zone 7 Region 3 regional championships held at the University of Wisconsin-River Falls on March 2.

Teams are assigned randomly to one of the three semifinals. Each individual class has 18 qualified riders.

"The semifinals riders fought hard to gain their spots in the placings against tough competition," Swanson says. "These individuals showed poise, determination and a tremendous amount of talent in their rides, and I couldn't be more proud of them."
Rodeo Team Member Shines at SDSU Stampede – Tate Eck, Coach
The NDSU Rodeo Team competed at the 60th Annual SDSU Jackrabbit Stampede on April 4 and 5 in Brookings, SD. Animal science major Tracy Ellig took fourth place in the Goat Tying Event. With this placing, Tracy moved into third place in the region. The top three contestants in each event qualify for the College National Finals Rodeo. SDSU was the sixth of the 10 rodeos the region hosts. The Rodeo Team competes again in two weeks in Lincoln, NE.

Northern Crops Institute Feed Mill Featured -
http://www.feedmanagement-digital.com/#&pageSet=0&contentItem=0
The Northern Crops Institute Feed Mill is featured on the cover of the March/April 2014 issue of Feed Management. The magazine also includes an article about the feed mill entitled, “Feed technology center receives world-class upgrade” about the $800,000 rehab which will modernize the facility.

The feed mill was built in 1990 and has not undergone any significant modernization since that time. The feed mill manufactures all the feed for the NDSU farm units (between 1,800 and 2,400 tons per year) and is a teaching and research facility. The Northern Crops Institute teaches international customers how to use various crops in feed production and conducts research for private companies. Kim Koch, manager of the feed mill and Animal Sciences department adjunct faculty member, discusses the need for the upgrades in the article.

Plans are to have the upgrades completed by June 2014. For more information, visit the NCI website at www.northern-crops.com.

Therapeutic Horsemanship Research Highlighted
Dr. Erika Berg’s therapeutic horsemanship research with residents of the Home-on-the-Range ranch in Sentinel Butte, ND, was highlighted in an article in the Bismarck Tribune on March 29. This research seeks to find out if the behavior of children from troubled backgrounds can be positively modified by interacting with horses. To read the entire article, go to http://bismarcktribune.com/news/state-and-regional/ndsu-assistant-professor-studies-therapeutic-effect-of-horses/article_442e12f0-b68a-11e3-9341-001a4bcf887a.html#.Uzr0VwycPV8.email.
Anderson Retirement Reception

The Department of Animal Sciences invites you to a Retirement Reception honoring Dr. Vern Anderson on **Friday, April 25 in Hultz 104 from 3:00-4:00 p.m.** Cake and refreshments will be served.

Vern grew up on a farm near Watertown, SD. He received B.S. and M.S. degrees from SDSU and earned his Ph.D. in animal science from NDSU in 2000. He has been an animal scientist at the NDSU Carrington Research Extension Center for 35 years. He is also an adjunct faculty member in the Animal Sciences department.

Vern, along with animal science alum Travis Maddock, started a company called Dakota Global Livestock Solutions LLC in February 2012 to provide livestock production support and consulting for people in the U.S. and elsewhere. The company provides information on feed usage, feasibility planning, and technical support.

An additional reception is planned at the Carrington REC on Friday, April 11 (see right).