Week of October 28, 2012

**Graduate Seminar** – Anna Grazul-Bilska, Coordinator

Speaker: Nichole Chapel, NDSU ANSC Graduate Student

Topic: Influence of Maternal Plane of Nutrition on Fetal Growth and the Effects of Banamine on Lameness Following Hoof Trimming in Dairy Cows

Date/Time: Friday, November 2, 2012; 3:00-4:00 p.m.

Location: Hultz 104

Nichole Chapel is originally from Johnsburg, Illinois. She completed her Bachelor’s Degree at NDSU in Equine Studies and Animal Science. Working under Dr. Joel Caton, Nichole completed and presented her undergraduate research in ruminant nutrition. Currently, Nichole is working toward her Master’s degree with Dr. Sarah Wagner. Nichole’s research is focused in dairy cow behavior and lameness. Future research will be looking at how maternal plane of nutrition effects lamb social behavior.

**NDSU Judging Club Lunch**

Wednesday, October 31, 2012
11:00 a.m.-2:00 p.m.
Shepperd Arena – 1350 Albrecht Boulevard

Menu – pulled pork sandwiches, baked beans, chips, and refreshments

Cost – donations accepted
Neil Dyer Teaches in Ulaanbataar, Mongolia – Neil Dyer, Professor, ANSC

I recently spent two weeks in the city of Ulaanbataar, Mongolia, teaching in the School of Veterinary Medicine at the Mongolian State University of Agriculture. I had the opportunity to teach in both lecture and laboratory formats. The lecture sessions pertained to specific animal disease syndromes, such as enteritis in calves or respiratory disease in horses. The laboratory sessions were essentially anatomy sessions using the dog as a model. The picture shows a group of students involved in one of those sessions. They do not receive a lot of practical training, so getting a look at the inside of a dog was fascinating for them.

I was also able to visit the Institute of Veterinary Medicine, a national animal health research facility, and State Central Veterinary Laboratory, a facility similar to the NDSU Veterinary Diagnostic Lab. I also did some clinical pathology and necropsy work for a small animal clinic in the afternoons.

Mongolia definitely has some catching up to do in the area of animal health. In the rural areas, they are a nomadic society which raises cattle, sheep, goats, camels, and yaks. There are few to no fences on the steppe, so herders move their animals from grassy spot to grassy spot. They do not save up forage for the winter. The animals have to make a go of it. Many of the herders are just now finding out about antibiotics and parasiticides that actually work, and how they can benefit from their use. Vaccines are very uncommon.

My portion of the Mongolian project is to try and bring some change at the veterinary student level, and to make suggestions relative to diagnostic medicine. It is gratifying work, but there is much to be done.
**Recent Publication**
Grazul-Bilska A.T., E. Borowczyk, J.J. Bilski, L.P. Reynolds, D.A. Redmer, J.S. Caton, and K.A. Vonnahme. 2012. Overfeeding and underfeeding have detrimental effects on oocyte quality measured by in vitro fertilization and early embryonic development in sheep. Domestic Animal Endocrinology 43:289-298. [http://ac.els-cdn.com/S0739724012000598/1-s2.0-S0739724012000598-main.pdf?_tid=e1232bc4-116b-11e2-a1c6-00000aab0f02&acdnat=1349716761_881f3dde02d4881bc63a3b1929e43de7](http://ac.els-cdn.com/S0739724012000598/1-s2.0-S0739724012000598-main.pdf?_tid=e1232bc4-116b-11e2-a1c6-00000aab0f02&acdnat=1349716761_881f3dde02d4881bc63a3b1929e43de7).

**NDSU Horseman’s Association**
The mission of the NDSU Horseman’s Association is to actively promote an interest in the equine industry and to provide members with educational and recreational activities to learn about the future of the horse world. Major activities include horse-related clinics, field trips, fundraising, philanthropy, and recreational activities. Advisors for the group are Carrie Hammer, Erika Berg, and Tara Swanson. For more information and meeting times, contact Megan Hansen (megan.hansen@ndsu.edu).

**Animal Sciences Trivia** – Marc Bauer, Associate Professor

Q: How many states are represented among the students in all three majors in the Animal Sciences department?
A: 16 states, including California, Arizona, Texas, Washington, and Alaska

Q: After the top 2 states (North Dakota with 216 students and Minnesota with 154), what are the next 4 most represented states?
A: South Dakota, Montana, California, and Michigan

Q: Which major has the most states represented?
A: Veterinary Technology
Judging Team Reunion

A reunion of Judging Team members from 1962, 1963, and 1964 was held in conjunction with the NDSU Harvest Bowl on Friday, October 26, and Saturday, October 27. Forty-two people from across the country (see red pins on the map) attended various portions of the festivities.

The reunion, organized by Russ Danielson, included a Saturday morning breakfast with greetings from Associate Dean David Buchanan and Animal Sciences Department Head Greg Lardy, a bus tour of campus and the livestock units, tailgating and going to the Bison football game, and plenty of time to visit and catch up with teammates.

(Additional photos on following page.)
Saturday Breakfast
(Prepared by Paul Berg)

Judging Memorabilia
NDSU Meats Open House a Success
The NDSU Meats Open House, held October 26, in Shepperd Arena was a resounding success. Nearly 100 people turned out to tour the facility, learn more about choosing the best cuts of meat and how to cook them correctly, and to enjoy samples of delicious meat products prepared by the Meat Lab staff.

Thanks to all who helped to make the Open House a success!

Happy Halloween!