Animal Sciences News

Week of October 14, 2012

Graduate Seminar – Anna Grazul-Bilska, Coordinator
Speaker: Ely Camacho
Animal Sciences Graduate Student

Topic: Effects of Maternal Nutrient Restriction Followed by Realimentation During Early to Mid-Gestation on Conceptus Development and Umbilical Cord Hemodynamics in Beef

Date/Time: Friday, October 19; 3 to 4 p.m.
Location: Hultz Hall 104

Ely Camacho grew up in a small agricultural community in Baja California, Mexico. She earned a B.S. degree in agronomy with emphasis in Zootecnia from the University of Baja California and completed her M.S. degree in Animal Science at New Mexico State University. She is currently working toward her Ph.D. in reproductive physiology under the direction of Dr. Kim Vonnahme.

46th Annual Bison Stampede Rodeo
October 19 (7 p.m.)
October 20 (1 p.m. and 7 p.m.)
NDSU Equine Center
1½ miles west of I-29 (Exit 67) on 19th Avenue North

Adults - $8, Students - $5, Kids 6-12 - $4, Kids under 6 – free

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.
**Koch Provides Assistance to Moroccan Companies** – Kim Koch

Kim Koch, Food Scientist for the Northern Crops Institute and adjunct faculty member in Animal Sciences, visited three companies in Morocco from October 6 through 15. While there, he provided on-site technical assistance in feed manufacturing to a layer (chicken) operation located approximately 60 kilometers north of Marrakech, a feed company 5 kilometers south of El Jadida, and a dairy operation 12 kilometers south of Larache.

The layer operation is big by anyone’s standards – 400,000 birds at the current site (200,000 birds per house) and an additional 400,000 birds at a new site. The houses are approximately 155 meters long by 50 meters wide. The birds are housed in batteries 8 levels high, and there are 8 rows of batteries per house.

The company needed assistance with the installation, start-up, and operation of a new roller-grinder for particle size reduction of whole corn used in their rations.

The feed company and the dairy are both installing flaking rollers to process tempered corn. The feed company intends to sell flaked product to smaller producers in their service area. The dairy is flaking corn for its own use – 2,000 cows in milk, plus dry cows, heifers, and calves. They are milking 3 times a day in an 80 cow parlor (40 per side).

![Kim inside the new bird house](image-url)
Meet Julie Jensen
Julie Jensen is the new custodian for the first floor of Hultz Hall. She has been employed at NDSU for 23 years, previously working for Residence Life. In her spare time she likes to read and do word searches.

Julie and her husband John have two children – Tony who is 26 years old, and Kristina who is 18. They also have two dogs – Hunter who is 2 years old, and Marley who is 7. The Jensens live in West Fargo.

Welcome Julie!

SPAM Award – Erika Berg, Assistant Professor of Animal Science
Tate and Shannon Eck are the October recipients of the ANSC SPAM Award. Tate is a Lecturer in the department and the Rodeo Team and Horse Judging Team Coach. Shannon is the Unit Manager at the Equine Center.

Representing the group who chose Tate and Shannon, Erika Berg stated, “Their tireless dedication to students, the Rodeo and Horse Judging Teams, and the Equine Science program made them an obvious choice for the award. The Ecks devote a tremendous amount of time and energy to NDSU. We wanted to recognize their positive influence and contributions to the Animal Sciences Department. Congratulations and thanks for all you do!”

The SPAM Award was instituted to recognize Animal Sciences personnel who exhibit Spirit, Pride, and Motivation in their work in the department.

Tate and Shannon have 30 days to select the next winner(s) and present the award.
Veterinary Technology Open House – Stacey Ostby, Vet Tech Program Co-Director

In conjunction with Family Weekend at NDSU, the Veterinary Technology program held an open house for students’ families and friends on Friday, October 12.

Hot apple cider, treats, and door prizes were provided to the students and more than 50 guests who attended the open house. A brief reception and faculty/staff introductions were held before turning the families loose to tour the facility and experience what students are doing while attending classes in Robinson Hall.

Activities and displays included a radiograph station with skeletal examples of the bones pictured in the radiographs, microscope evaluations of blood and parasites, a bone and skull identification station, photo boards demonstrating many large animal skills the students learn, and several stations utilizing our small animal venipuncture models.

The faculty and staff enjoyed meeting the families and friends of our wonderful students while allowing them to experience a day in the life of the Veterinary Technology program.
**Chung Park Presents at Texas A&M** – Mark Walters, Research Specialist
Dr. Chung Park, Professor of Animal Science, was invited to present his research findings at the Reproductive Biology Forum at Texas A&M University on October 12. The forum is an interdisciplinary group of faculty members from the College of Agriculture, Veterinary Medicine, and the College of Medicine.

The title of Dr. Park’s presentation was, “Maternal methyl diet and epigenetic imprint of mammary carcinogenesis in offspring.”

**Extension Happenings**

- **Backgrounding Cattle 2012: High Feed Prices**
  October 17 from 7 to 9 p.m.
  104 Hultz Hall
  Contact Karl Hoppe (701-652-2951) or John Dhuyvetter (701-857-7682), or Carl Dahlen (701-231-5588) for more information
  Registration is not required
  Department participants: Jerry Stokka, Carl Dahlen

- **Sheep Nutrition and Ultrasound School**
  October 20 from 10 a.m. to 3 p.m.
  Rick Schmidt farm, 1.2 miles east of Center, ND
  Contact Reid Redden (701-231-5597) for more information
  Department participant: Reid Redden

**October 22**

**Advising for Spring Semester begins**