



Animal Sciences News

Week of August 21, 2016

Graduate Defense Seminar – Loren Hanna, Coordinator

Speaker: Kyle McLean, ANSC Graduate Student

Topic: The Impacts of Maternal Nutritional Plane on the Expression of Endogenous Retroviral Gene Elements, Pregnancy Hormones, and Placental Vascularity Factors During the Establishment of Pregnancy and Fetal Development in Beef Cattle



Date/Time: Thursday, September 1; 9:00 a.m.

Location: Hultz 104

Kyle McLean grew up in Miles City, MT. He received his B.S. in animal science in 2010 and his M.S. in animal science with an emphasis on reproductive physiology in 2013 from Oklahoma State University. He is currently working toward a Ph.D. with an emphasis on nutritional physiology under the direction of Dr. Joel Caton. His research is focused on the effects of nutritional restriction on the establishment of pregnancy and the potential influences of endogenous retroviral fragments in beef cattle.

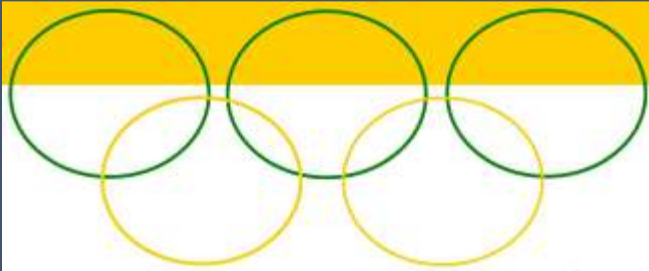
Join us!

BBQ BOOT CAMP

NORTH DAKOTA STATE UNIVERSITY

KNOW AGRICULTURE. KNOW FOOD.

Bison Football Tailgating
Saturday, August 27 – 2:30-5:00 p.m. – south side of Thunder Alley



Department of Animal Sciences

Ag Olympics




**Grand Prize:
GoPro Hero!**


**Other prizes
awarded to event and
overall Ag
Olympics
Winners!**

Ag Olympics games on
Shepperd Lawn
6:00 p.m.-7:15 p.m.

Human foosball
tournament in
Shepperd Arena
7:00 p.m.-7:45 p.m.

Dunk the Presidents
6:00 p.m.-7:00 p.m.

 **Food Provided!**

**Welcome Back Event for
students in:**

Animal Science

Equine Science

Veterinary Technology

Tuesday August 30th

6:00 p.m.-8:00p.m.

Shepperd Arena &

South Lawn

Tickets for door prizes

handed out from

6:00 p.m. -7:00 p.m.

Must have a ticket to be

eligible for prizes!!

Drawing for door prizes

8:00 p.m.



Graduate Seminar – Lauren Hanna, Coordinator

Date/Time: Tuesday, August 30; 10:00 a.m.

Location: Hultz 104

Speaker: **Kyle McLean**, NDSU ANSC Graduate Student

Topic: Review of Bovine Lactoferrin Regulated Cell Survival, Apoptosis, and Inflammation of Intestinal Epithelial Cells and Preterm Pig Intestine



Speaker: **Faithe Keomanivong**, NDSU ANSC Graduate Student

Topic: Impact of Grain Source and Distillers Fat Level on Ruminal Enzymes, pH, and Methane Production



Faithe grew up in Mechanicsville, IA. She received her B.S. (2008) and M.S. (2011) degrees in animal science from Iowa State University. She is working toward a Ph.D. with an emphasis on ruminant nutrition under the direction of Dr. Kendall Swanson. Her research focuses on the effects of nutrient intake and variable ration formulation on rumen and pancreatic enzyme activity.

Recent Publication

Khanthusaeng V., J. Thammasiri, C.S. Bass, C. Navanukraw, P. Borowicz, D.A. Redmer, and A.T. Grazul-Bilska. 2016. Lipid droplets in cultured luteal cells in non-pregnant sheep fed different planes of nutrition. Acta Histochemica 118:553-559.

Lauren Irene Gangl

Born: August 16, 2016 (5 weeks early!)

Time: 4:43p.m.

Weight/Length: 5lbs. 7oz., 18in. long



Parents are Joe and Samantha Gangl.

Samí (Kaminski) is a 2013 M.S. graduate of the department. She is a Dairy Data Specialist at Genex.



Animal Sciences in the News

- Travis Hoffman discusses lamb consumption in the United States.
<http://www.agdaily.com/livestock/when-people-talk-flavor-one-man-hopes-lamb-once-again-comes-to-mind/>
- The NDSU Dairy Barn is using spent grains from local distillers to feed dairy cattle.
<http://www.inforum.com/business/4100930-booze-moos-fargo-crafters-feed-ndsu-livestock>
- NDSU Animal Science alumnus, Sarah (Bedgar) Wilson and her husband Jeremy are featured in an AgWeekTV interview regarding their efforts to ensure your local food bank has great sweet corn.
<http://www.agweek.com/agweektv/4097792-agweektv-sweet-deal-north-dakota-corn-patch>

Students, Faculty, and Staff – Sign Up “The World’s Best Ag Conference”

– Jane Schuh

For the first time ever in the United States, the Agricultural Bioscience International Conference (ABIC) is coming to Fargo on **September 18-21**. The meeting promotes innovation in bioscience to ensure sustainable food, feed, fiber, and fuel security as the climate changes.

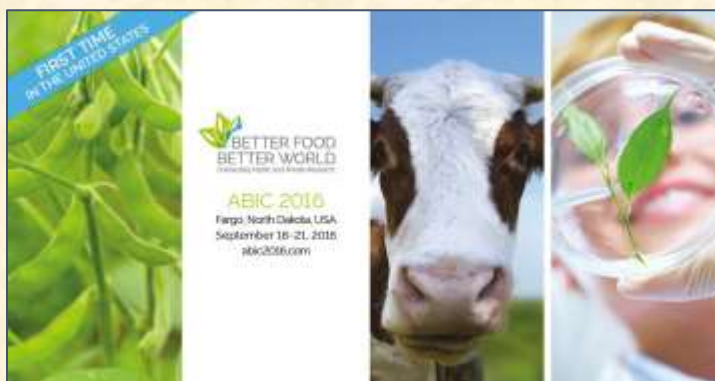
As NDSU is a university partner, there is a special registration price of **\$45 for all NDSU students, staff, and faculty** which covers full registration for all speakers, breaks, and lunches.

In addition, we are proud to host a poster competition for students with \$500 cash prizes for each of the four theme areas of plant science, animal health, innovation, and food and health. Abstracts are due September 1 and space is limited to 30 presenters, so sign up today! The links to register are:

\$45 Student registration: <http://abic2016.com/students/>

\$45 NDSU Faculty and Staff registration: <http://www.eventzilla.net/web/event/agricultural-bioscience-international-conference-abic-2016-2138878751>

Please contact Jane Schuh if you have questions (jane.schuh@ndsu.edu).



i ♥ Beef
One Powerful Protein

Beefin' It Up

fuel for the finish

5K RUN/WALK & 10K RUN
1/2 MILE FUN RUN FOR KIDS & OTHER ACTIVITIES



OCT. 1, 2016 Begins at the Post in Mandan
Winds through Fort Lincoln State Park
MANDAN, ND Kids activities

Pre-register **TODAY** on our Facebook page for a free T-Shirt,
<https://www.facebook.com/BeefinItUpFuelForTheFinish>,
or register the day of the race.

(T-shirts not guaranteed for race-day registrants.)

AGAIN IN 2016: VIRTUAL RUN! Sign up for our
Virtual 5K or 10K and you can run the race anytime
the week before Oct. 1 from wherever you are!

A portion of this year's proceeds
will be donated to

MAKE-A-WISH.

**FREE Beef Refueling Meal for
Participants and Spectators!**



A freshman welcome event was held on Monday, August 22, in Hultz 104 for new animal science and equine students and a corresponding event was held in Robinson Hall for incoming Vet Tech students (see the photo of the freshman class below). Here some of the students are taking part in a mixer with fellow students and department faculty.

(photos – Greg Lardy and NDSU Vet Tech Facebook page)

