Graduate Defense Seminar
Speaker: Nathan Hayes, NDSU ANSC Graduate Student

Topic: The Relationship between Pre-Harvest Stress and Carcass Characteristics and the Ability to Qualify for Kosher on Beef Steers and Heifers

Date/Time: Wednesday, December 12, 2012; 1:00 p.m.

Location: Hultz Hall 104

Nathan grew up on a family farm near Big Lake, Minnesota. He is a second year M.S. student studying under the direction of Dr. Rob Maddock. He is also currently coach of the NDSU Meats Judging Team.

Animal Sciences Department
Annual Holiday Potluck

Wednesday, December 12
11:30 a.m. – 12:30 p.m.
Hultz 104

Please bring a dish to share. Carnivore Catering will provide meat, buns, and drinks.
**Recent Publications**

Placental development during early pregnancy in sheep: Effects of embryo origin on fetal and placental growth, and global methylation.


Influence of nitrogen and sulfur intake on bovine uterine pH throughout the luteal phase.


[http://www.journalofanimalscience.org/cgi/content/abstract/jas.2012-5518v1](http://www.journalofanimalscience.org/cgi/content/abstract/jas.2012-5518v1)

Effects of increasing dosages of zeranol implants on lamb growth, carcass characteristics, blood hormones, and nitrogen metabolism.

**S.R. Eckerman, G.P. Lardy, M.M. Thompson, M.L. Van Emon, B.W. Neville, P.T. Berg, and C.S. Schauer.**


[http://www.journalofanimalscience.org/cgi/content/abstract/jas.2011-4818v1](http://www.journalofanimalscience.org/cgi/content/abstract/jas.2011-4818v1)

National Beef Tenderness Survey – 2010: Warner-Bratzler shear-force values and sensory-panel ratings for beef steaks from United States retail and foodservice establishments


[http://www.journalofanimalscience.org/cgi/content/abstract/jas.2012-5785v1](http://www.journalofanimalscience.org/cgi/content/abstract/jas.2012-5785v1)
Faculty/Staff Awards Program – Janelle Quam
Please plan to attend the 2012 NDSU Agriculture and Extension Faculty/Staff Awards program on Thursday, December 13, at 3:00 p.m. in the Great Room of the Memorial Union. All nominees will be introduced and the 2012 award recipients will be announced. The following people from the department have been nominated:

Erika Berg – Earl and Dorothy Foster Excellence in Teaching
Paul Berg – H. Roald and Janet Lund Excellence in Teaching
Austen Germolus – Charles and Linda Moses Staff Award
Anna Grazul-Bilska – Eugene R. Dahl Excellence in Research
Kasey Maddock Carlin – Larson/Yaggie Excellence in Research
Brandon Ostby – Rick and Jody Burgum Staff Award
Reid Redden – Myron and Muriel Johnsrud Excellence in Extension/Outreach
J.W. Schroeder – AGSCO Excellence in Extension

A reception will follow the awards ceremony.