**Graduate Seminar** – Kim Vonnahme, Coordinator

**Speaker:**  
Ligia Prezotto  
NDSU ANSC Graduate Student

**Topic:**  
Hypothalamic Distribution, Adenohyphyseal Receptor Expression, and Ligand Functionality of RF-Amide-Related Peptide 3 in Mammals

**Date/Time:**  
Tuesday, November 26, 2013; 10:00 a.m.

**Location:**  
Hultz Hall 104

Ligia Prezotto attended the University of Sao Paulo, Brazil, where she earned a B.S. in animal science. She completed her M.S. program in physiology of reproduction at Texas A&M University where her research focused on control of luteinizing hormone release in mares. In January 2012, Ligia began a Ph.D. program under the direction of Dr. Kendall Swanson. Her research focus is on maternal nutrient restriction in cattle and sheep during different stages of growth and production and how that affects energy balance as well as determining which neuropeptides related to feed intake and energy balance have their release modified during these periods of feed restriction.

**Friday Afternoon Club** – Kendall Swanson

Due to the Thanksgiving class recess, there will not be a Friday Afternoon Club on November 29. The next meeting will be December 6.
Caton Invited to Present in China
– text and photos by Joel Caton
Joel Caton attended the 3rd International Conference on Selenium in the Environment and Human Health, which was held in Hefei, China, from November 10 to 16. At this conference, he gave an invited presentation and coauthored a second invited paper with collaborators. These invited papers (listed on page 3) were also published as invited book chapters in the text “Selenium in the Environment and Human Health,” CRC Press, 2014.

The conference had participants from 26 nations. Joel served as a member on the international steering committee for the conference along with other members from Australia, Belgium, Brazil, Germany, India, Malawi, United Kingdom, and United States.

At the conference, the newly formed International Society for Selenium Research (ISSR) was launched. Joel will serve as vice president of the ISSR for the next two years. The conference is scheduled to be held in Cuiaba, Brazil, in 2015 and Stockholm, Sweden, in 2017.

Photo captions: #1 and 2 – Friends and colleagues in China, #3 - Giving the presentation


Photo captions: #4 – Wall hanging, #5 – a view from the mountain, #6 – Mops by a tree, #7 – looking through the doorway of a Chinese home
Pork Processing Workshop – Austen Germolus
The NDSU Meat Lab is holding a Pork Processing Workshop on December 6 (8:00 a.m. to 4:30 p.m., lunch provided) and December 7 (8:00 a.m. to noon) in Shepperd Arena. Topics include: lab safety and HACCP, humane pork harvest, federal/state inspection, pork carcass fabrication, pricing and packaging, sausage making and smoking, and further processing of pork. The hands-on workshop is $150 per person and the registration deadline is November 27 (available online at http://tinyurl.com/porkworkshop).

For more information, contact Austen Germolus or Theresa Jeske at 231-8107.

Quadrathlon Scholarships Added – Kasey Maddock Carlin
The Academic Quadrathlon is scheduled for December 3 starting at 5:00 p.m. This year, for the first time, members of the winning teams in each event and the overall winner will receive monetary scholarships in addition to bragging rights and the opportunity to represent NDSU at the Midwest ASAS meetings.

Students can sign up their 4-member teams with Kasey Maddock Carlin (231-8797, kasey.maddockcarlin@ndsu.edu) or Megan Kortie (231-7641, megan.kortie@ndsu.edu) by Wednesday, November 27.

Recent Publications
Influence of level of dried distillers grains with solubles on feedlot performance, carcass characteristics, serum testosterone concentrations, and spermatozoa motility and concentration of growing rams.
http://www.journalofanimalscience.org/cgi/content/abstract/91/12/5821

Influence of pregnancy in mid-to-late gestation on circulating metabolites, visceral organ mass, and abundance of proteins relating to energy metabolism in mature beef cows.
http://www.journalofanimalscience.org/cgi/content/abstract/91/12/5775