Special Seminar – Kim Vonnahme, Coordinator

Speaker: Katie Reindl, Assistant Professor
NDSU Department of Biological Sciences

Topic: Therapeutic Potential of Bioactive Food Components in Cancer

Date/Time: Tuesday, October 15, 2013; 10 a.m.
Place: Hultz 104

Dr. Katie Reindl is an assistant professor in the Department of Biological Sciences at NDSU. She is an alum of NDSU. She obtained her Ph.D. in pharmaceutical sciences in 2006, followed by a postdoctoral fellowship in biological sciences. Dr. Reindl’s research interests are centered on the molecular mechanisms by which bioactive food components influence cancer cell behavior and the potential for these agents in cancer therapy. Her talk will highlight recent projects in her research program focused on using bioactive food components from peppers and flaxseed to treat pancreatic and lung cancer, respectively.

Carlson Featured on NDSU News Banner

Zachary Carlson, an animal sciences major and employee at the Beef Cattle Research Complex is featured in a story on the NDSU News banner. The story highlights Zac’s research project with Drs. Marc Bauer and Kendall Swanson which received first place in the undergraduate student poster competition at the Midwest Section ASAS meeting earlier this year. To see the entire article, go to http://www.ndsu.edu/news/banner_stories/zachcarlson/.

Kim Vonnahme Invited Speaker at Conference

Dr. Kim Vonnahme was an invited speaker at the 10th International Symposium on Selenium in Biology and Medicine 2013 which was held in Berlin, Germany, on September 14-18.

The title of her presentation was “Effects of supranutritional selenium on growth and vascularity of nutrient transferring tissues in livestock.”
46th Annual Bison Stampede Rodeo
October 18-19, 2013

Friday, 7:00 p.m.
Saturday, 1:00 p.m. and 7:00 p.m.

Adults – $10
Students with ID – $5
Kids 6-12 – $4
Kids 5 and under – Free

NDSU Equine Center
1½ miles west of I-29 (exit 67) on 19th Avenue North

Free Music Available from YouTube – Let’s Communicate
Agriculture Communication Newsletter, October 2013, No. 213
YouTube now offers 150 royalty-free instrumental soundtracks to use in any creative effort, not just YouTube videos. Check out the tunes on YouTube Audio Library where you can sample the tracks based on genre, mood, instrument, and duration. Get more information from the YouTube Audio Library blog post.
**Special Seminar – Kim Vonnahme, Coordinator**

**Speaker:** Caleb Lemley, Assistant Professor of Reproductive Physiology, Mississippi State University

**Topic:** Investigating Melatonin Supplementation and Hormone Bioavailability During Pregnancy

**Date/Time:** Tuesday, October 22; 3:00 p.m.

**Location:** Hultz 104

Dr. Caleb Lemley is from a small rural community located near Pentress, West Virginia. His interest in physiology started during his undergraduate studies at West Virginia University where he received a B.S. in biochemistry in 2005. Caleb received an M.S. degree in 2007 and a Ph.D. degree in 2010 in reproductive physiology under the direction of Dr. Matthew Wilson from West Virginia University. At WVU, his research focused on nutritional alterations in progesterone catabolic enzyme activity in the lactating dairy cow. He joined Dr. Kim Vonnahme’s lab at NDSU as a postdoctoral fellow in 2010. At NDSU, his research focused on the effect of dietary melatonin supplementation on uteroplacental blood flow.

Dr. Lemley joined Mississippi State University in 2012 as an assistant professor of reproductive physiology. His research there focuses on reproductive endocrinology with an emphasis on hormone bioavailability and function during conceptus development. In addition to research, his teaching responsibilities include Advanced Physiology of Reproduction, Equine Reproduction, and Physiology of Lactation.

**Camacho Poster Presented in Berlin**

Ely Camacho, Ph.D. student studying under the direction of Dr. Kim Vonnahme, presented her poster entitled, “Dietary selenium and nutritional plane alters maternal endocrine profiles during pregnancy and lactation” (co-authors C.O. Lemley, J.S. Caton, and K.A. Vonnahme) at the 10th International Symposium on Selenium in Biology and Medicine 2013 held in Berlin, Germany, on September 14-18. Ely was the recipient of the $2,500 American Society of Animal Science Wilson G. Pond International Travel Award.
Recent Publications
Realimentation of nutrient restricted pregnant beef cows supports compensatory fetal muscle growth.

http://www.journalofanimalscience.org/cgi/content/abstract/91/10/4797

Survey of transportation procedures, management practices, and health assessment related to quality, quantity, and value for market beef and dairy cows and bulls.
http://www.journalofanimalscience.org/cgi/content/abstract/91/10/5026

Important Academic Date
Friday, October 18
Grades of incomplete convert to F
(grade change forms available in Hultz 104)