Animal Sciences Special Seminar
Speaker: Amanda Sterrett, Graduate Student
University of Kentucky

Topic: The Future of Dairy Cow Disease Detection: Check the Cow or the Computer?

Date/Time: Tuesday, January 21; 2:30-4:00 p.m.

Location: Hultz 104

Amanda Sterrett is a first year Ph.D. student at the University of Kentucky studying Precision Dairy Farming technologies and dairy systems management. Her research focuses on mastitis detection, automated feed intake monitoring, and body condition scoring. She is a graduate Extension assistant as part of the Southeast Milk Quality Initiative which aims to improve milk quality in the southeastern United States.

Amanda obtained her B.S. degree in animal sciences and biology from the University of Findlay in 2009 and her M.S. degree in animal sciences from the University of Kentucky in 2013.

Amanda is currently president of the American Dairy Science Association Graduate Student Division and was a National Mastitis Council Scholar and National Milk Producers Federation National Dairy Leadership scholarship recipient.

Faculty Members Receive SBARE Funding
The following faculty have received notification of funding from the State Board of Agricultural Research and Education for 2014.

- Impact of nutrition on ovarian function in sheep – Anna Grazul-Bilska – $3,574
- The effects of growth promotant technologies on tenderness variation within a beef retail cut – Kasey Maddock Carlin – $3,292
- Influence of DDGS with solubles on ram lamb growth and reproductive traits – Christopher Schauer and Reid Redden – $9,174
**Recent Publications**

Dietary selenium and nutritional plane alters maternal endocrine profiles during pregnancy and lactation.


Effects of maternal nutrient restriction followed by realimentation during early and mid-gestation on beef cows. I. Maternal performance and organ weights at different stages of gestation.

[http://www.journalofanimalscience.org/cgi/content/abstract/jas.2013-7017v1](http://www.journalofanimalscience.org/cgi/content/abstract/jas.2013-7017v1)

Effects of residual feed intake classification and method of alfalfa processing on ewe intake and growth.

[http://www.journalofanimalscience.org/cgi/content/abstract/jas.2013-6768v1](http://www.journalofanimalscience.org/cgi/content/abstract/jas.2013-6768v1)

Genome-wide association study of temperament and tenderness using different Bayesian approaches in a Nellore-Angus crossbred population.


**Extension Event – Dairy Cow College**

Dates/Places/Cost: February 3-6 in Linton, Dickinson, New Salem, and Jamestown from 10:30 a.m.-3:15 p.m. There is no cost for Dairy Cow College. Preregistration is not required.

Presenters: J.W. Schroeder Extension dairy specialist; Cole Rupprecht, Cass County ag and natural resources Extension agent; Susan Keller, North Dakota state veterinarian

Highlighted Topics: feed waste research, total mixed ration audits, zoonotic disease concerns for livestock producers, farm/veterinary relations, and succession planning for the next generation. Each program also includes Midwest Dairy Assn. highlights, American Dairy Assn. and Milk Producers Assn. local district meetings, current dairy topics, and dairy issues dialogue.

For more information, contact J.W. Schroeder at 701-231-7663 or jw.schroeder@ndsu.edu.
## Dean’s List

The following 100 Animal Sciences students earned placement on the Dean’s List for academic excellence for Fall Semester. Congratulations – keep up the good work!

### Animal Sciences
- Hailey A. Aagard
- Jessica R. Adamek
- Bayleigh M. Antonsen
- Laura A. Bachmeier
- Justin D. Bartholomay
- Courtney L. Beer
- Amanda B. Bierma
- Mariah J. Brooks
- Kara A. Burrer
- Zachary E. Carlson
- Lauren A. Ciernia
- Alexis G. Craig
- Kaitlyn K. Ebel
- Haley M. Furchner
- Abby J. Ganyo
- Ashley L. Giedd
- Nathaniel P. Greseth
- Jenna L. Gross
- Krista R. Gross
- Abbigael P. Gutierrez
- Jill A. Hallin
- Hilary B. Hawkins
- Leah M. Hawkins
- Mariah L. Jacobs
- Angela B. Johnson
- Abby A. Knoll
- Heather R. Kuntz
- Michelle L. Kuntz
- Rachael A. Lagein
- Marissa M. Leier
- Tiffany M. Lindner
- Trisha Maine
- Jessica L. Manthey
- Logan J. Metzen
- Allison M. Mustonen
- Tracy L. Nelson
- Siv K. Palmer
- Aryn P. Parker
- Anna M. Peterson
- Lynn M. Pouliot
- Karla B. Ryan
- Rachel R. Schroeder
- Anya K. Secord
- Tescha E. Siewert
- Kathryn L. Smith
- Dana A. Weatherford
- Jordan E. Zenker

### Equine Science
- Lacey Carlson
- Christina F. Dulik
- Nicole L. Human
- Haley M. Johnson
- Megan A. Larson
- Molly O. Lass
- Codie A. Miller
- Kassandra L. Myers
- Madelaine C. Rehn
- Janna M. Rice
- Hayley Sauber
- Cambria S. Slaubaugh
- Morgan S. Trester

### Veterinary Technology
- Kelsey M. Amborn
- Crystal L. Bosek
- Morgan L. Boyum
- Haylee M. Cloutier
- Atarah Crawford
- Amanda K. Eickhoff
- Miranda J. Ellingson
- Nicole N. Engraf
- Kristen L. Erickson
- Heather L. Frahm
- Margaret S. Fyffe
- Arielle C. Glaspie
- Ashley N. Graudin
- Monique C. Haman
- Samara G. Hansen
- Katherine M. Hanson
- Kelsey T. Heiberg
- Amy Jo E. Hummel
- Whitney L. Koch
- Tatianna M. Letcher
- Alyssa J. McKinney
- Jenna L. Mehlhoff
- Christine E. Nodsle
- Kendra J. Pahl
- Kelani J. Rosenau
- Krystal L. Roy
- Samantha M. Schiller
- Rachel R. Schlieman
- Maggie L. Smith
- Kara L. Stegner
- Carlene J. Ternes
- Kylee C. Ternes
- Allison L. Thelen
- Jennifer J. Thomas
- Stephanie L. Vagle
- Chelsea R. Volk
- Kelsey M. Warren
- Christina M. Wetzel
- Crystal A. Wilson
- Kayla M. Woltz