Kim Vonnahme Receives Award
Kim Vonnahme, Associate Professor of Animal Sciences with an emphasis in reproductive physiology, was awarded the Young Scientist Award at the Western Section of the American Society of Animal Sciences meetings held in Bozeman, MT, June 19-21. This is the first time a faculty member from NDSU has won this award.

Animal Sciences Graduate Student Receives Travel Award
Guangquiang (Derek) Jia, a Ph.D. student under the direction of Drs. Joel Caton and Larry Reynolds, is the recipient of a travel award supported by the National Institutes of Health and NIFA-AFRI to attend the Aspen/Snowmass Perinatal Biology Symposium in Snowmass, CO, to be held August 24-27. His paper, listed below, is a collaborative effort funded by the UK Wellcome Trust and NIFA-AFRI.


Recent Extension Publications – Let’s Communicate, NDSU Agriculture Communication, July 13, #10
• AS 1252 Revised – Quality Forage: Haylage and Other Fermented Forages by J.W. Schroeder
• V1669 – Echinococcus in Dogs and Cats by Charlie Stoltenow and Neil Dyer
• V1670 – Roundworms in Dogs and Cats by Charlie Stoltenow and Neil Dyer
• V1677 – Encephalitis Virus Infections by Charlie Stoltenow and Neil Dyer

These Extension publications and others are available online at http://www.ag.ndsu.edu/publications/livestock.
Animal Science Alumni Roundup – Greg Lardy
Animal Sciences alumni and their families are invited to majestic western North Dakota for the first annual Animal Science Alumni Roundup. There will be time to catch up with alumni and friends on **August 15-17** while enjoying North Dakota’s top vacation spot. There will be organized events, including golf at the renowned Bully Pulpit golf course, a horseback trail ride, Medora Musical, Pitchfork Fondue, and alumni social, dinner and auction. The complete schedule follows.

**Thursday August 15**
5:00-8:00 p.m. BBQ Boot Camp, Harold Schafer Center  
($40/person, register at www.ag.ndsu.edu/ansc)

**Friday, August 16**
Morning and afternoon at your leisure
5:30 p.m. Pitchfork Fondue, Burning Hills Amphitheatre  
($28 for 12 oz. ribeye, $14 buffet only, $6.95 kids under 12; call 1-800-633-6721 to make a reservation, due by **July 15**)
7:30 p.m. Medora Musical ($35 adults, $16 students, preschoolers free, call 1-800-633-6721 to make a reservation, due by **July 15**)

**Saturday, August 17**
Morning and afternoon at your leisure
10:00 a.m. – 3:00 p.m. Trail Rides (you must bring your own lunch, beverage, and horse – horse boarding is available at Ranchorama Boarding Stables, call 1-800-Medora-1 to make your required advanced reservation)
10:30 a.m. Golf at Bully Pulpit ($80/person)
5:00-10:00 p.m. Alumni Social, Dinner, and Auction, Medora Community Center  
($30/person, $10 for kids under 12; auction proceeds benefit student scholarships)

Preregister for any of the Saturday events at the Alumni Association website below.

Persons who were not students of Animal Sciences, but who have worked for the department are also invited to attend.

A block of rooms has been reserved at the Badlands Motel for $135/night for a standard room. Call 1-800-MEDORA-1 and ask for the NDSU Department of Animal Sciences alumni group. Please make reservations by **July 15**.

Lauren (Hulsman) Hanna Joins Faculty of ANSC

Lauren (Hulsman) Hanna started recently as Assistant Professor in the Department of Animal Sciences for the Genetic Improvement of Livestock position. She grew up in a small town about 25 miles south of College Station, Texas, called Navasota. Lauren was active in 4-H and FFA while growing up in Navasota, including raising and showing pigs for county and state fairs.

After high school, Lauren attended Texas A&M University in College Station for her B.S., M.S., and Ph.D. degrees. (A triple threat as they jokingly call it!) Her B.S. degree focused on Animal Science, with an emphasis on science curriculum, and a minor in business. She then focused on animal breeding and genetics for her graduate studies, particularly research in quantitative genetics with beef cattle. Lauren finished her Ph.D. in May 2013 and will graduate from Texas A&M this August. Her dissertation topic covered genomic predictions and its application to selection using Bayesian statistics in crossbred cattle (e.g., *Bos indicus* x *Bos taurus* crosses).

Lauren was married to Heath Hanna on June 22 before moving to North Dakota on the June 25. Heath is originally from Franklin, Texas. Lauren loves music and she played piano and soprano/alto saxophone while growing up in Navasota. She played the alto saxophone in a spirit band for volleyball and basketball games while attending Texas A&M. Lauren also enjoys photography, particularly taking unique pictures of flowers and nature. Both Heath and Lauren enjoy the outdoors, including fishing, boating, hunting, and hiking, to name a few. Although a little concerned about the winters, as they are much different from Texas, both Heath and Lauren are excited about living and exploring North Dakota as their new home.

Lauren’s office is in Hultz 162. Her phone number is 231-7636. Her email address is lauren.hulsman@ndsu.edu. Welcome Lauren!
**Jena Peine Wins First Place in Competition**

Animal Sciences graduate student Jena Peine placed first in the open graduate student research paper competition at the Western Section American Society of Animal Sciences meetings (WSASAS) in Bozeman, MT, June 19 to 21. This is the first time that a North Dakota graduate student has placed first in the WSASAS graduate research paper competition. Her collaborative research paper was selected from 21 other competitors from the western half of the United States.


In addition to placing first in the graduate competition, Jena’s paper placed third in the open applied research paper competition. Research reported in this paper was a collaborative effort between the NDSU departments of Animal Science and Pharmaceutical Sciences, and the Hettinger Research Extension Center.

Jena Peine is employed in a three-quarter time technical position in the Animal Sciences Nutrition Lab. She is also working on her M.S. degree under the direction of Dr. Joel Caton.

**Larry Reynolds to Chair Cell Biology Symposium**

Dr. Larry Reynolds, University Distinguished Professor and co-director of the NDSU Center for Nutrition and Pregnancy, is the co-organizer and chair of the Cell Biology Symposium to be held at the Joint Annual Meeting of the American Society of Animal Science and the American Dairy Science Association in Indianapolis, IN, July 8-12.

The Cell Biology Symposium is held every year and highlights current animal sciences research in cell and molecular biology. This year’s symposium will focus on “The Immune System in Pregnancy.”

**Allison Meyer Joins Faculty of Mizzou**

Allison Meyer, Animal Sciences Ph.D. graduate, will be an Assistant Professor of Ruminant Nutrition in the Division of Animal Sciences at the University of Missouri. Allison is available at 573-882-6354. Her mailing address is 115 Animal Science Research Center. Her email is MeyerAll@missouri.edu.
Faculty Members Receive Grant Funding

Larry Reynolds, along with Dr. Al Conley from UC-Davis, has received seed grant funding in the amount of $150,000 from USDA-NIFA. His proposal was titled, “Role of placental, fetal adrenal and fetal neural steroids in parturition and extraterine survival.” The long-term goal of the research proposal in this application is to understand the mechanisms of parturition. The specific aim is to inhibit 5-alpha reductase and determine the effect on the maintenance of pregnancy and fetal adrenal activity.

Dale Redmer has received grant funding in the amount of $42,451 from USDA-NIFA. His proposal was titled, “Acquisition of equipment for the shared reproductive physiology laboratory spaces.” The objective of the grant is to purchase an ABI 7500 Fast qPCR system for continuing and expanding research in reproduction to replace outdated equipment.

Anna Grazul-Bilska has received funding in support of the Aspen/Snowmass Perinatal Biology Symposium in Snowmass, CO, on August 24-27. This year’s symposium is titled, “Fetal adaptation to maternal and placental dysfunction.”

Photos: Larry Reynolds, Dale Redmer, Anna Grazul-Bilska
Extension Events Feature Animal Sciences Personnel

- **July 16, 9:00 start, Carrington Research Extension Center Beef Production Program and Livestock Tour**
  Speakers include Animal Sciences adjunct faculty member Vern Anderson speaking on “Research on the value of fat in distillers grains;” “Sugar beets for saline soils and feed;” and “Comparing dry lot with pasture for summer feeding cow-calf pairs.” Graduate student Kate Sorenson will speak on “Forage levels in finishing yearling steer rations.”

- **July 8, 9:30 start, Central Grasslands Research Extension Center Annual Field Tour**
  Speakers include Animal Sciences adjunct faculty member and CGREC director Bryan Neville who will speak on “Early intensive grazing to reduce Kentucky bluegrass.” Carl Dahlen and graduate student Mellissa Schook will speak on “Is AI right for your cattle operation?”

Write Web References Correctly - Let's Communicate, Agriculture Communication Newsletter, July 2013, No. 210

- email – It is short for electronic mail. Capitalize the “e” if it is the first word in a sentence. “You can reach me by email.” “Email me with your suggestions.”
- Internet – It is a global system of interconnected computer networks. The first letter is capitalized in all cases because it is a proper name. The Net is OK on second and future references in the same article.
- Web – That’s short for the World Wide Web, a system of interlinked hypertext documents accessed via the Internet. When referring to this system, the first letter is capitalized in all cases because it is a proper name. “The Web was developed between March 1989 and December 1990.”
- Web page and Web feed – Notice they are two words and Web always is capitalized.
- website, webcam, webcast, webmaster – These are one word. The “w” is lowercase unless the word is at the beginning of a sentence. “John Smith is our new webmaster.” “Websites are easy to develop.”

Happy July 4th
Celebrate Safely!

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This publication will be made available in alternative formats for people with disabilities upon request, contact Holly Erdmann, Animal Sciences News editor at (701) 231-7513. NDSU is an EO/AA employer.