



Animal Sciences News

Week of March 24, 2013



ANSC Research Highlighted at Brazilian Conference – Joel Caton

Dr. Joel Caton presented two invited presentations highlighting research efforts from collaborative programs between the NDSU Center for Nutrition and Pregnancy and the NDSU Animal Sciences department.

Presentations were a component of the international conference; XVII Curso “Novos Enfoques na Produção e Reprodução de Bovinos.”

The conference, held March 14 and 15 in Uberlândia, MG, Brazil, was organized by CONAPEC Jr. (UNESP - BOTUCATU), and coordinated by Professor José Luiz Moraes Vasconcelos (FMVZ-UNESP-BOTUCATU). Other international invited speakers included; Drs. Phil Garnsworthy, University of Nottingham; Barry Bradford, Kansas State University; José Eduardo P. Santos, University of Florida; Michael VandeHaar, Michigan State University; Milo Wiltbank, University of Wisconsin; Ronaldo Luís Aoki Cerri, University of British Columbia; Allen Bridges, University of Minnesota; Mike Day, Ohio State University; Reinaldo Cooke, Oregon State University; and Scott Lake, University of Wyoming.

Dr. Caton’s one-hour presentations were entitled “Emerging Concepts of Epigenetics: Background, Significance, and Potential Relevance in Livestock Production” and “Maternal Plane of Nutrition: Impact on the Offspring.” Both presentations were followed by 15 minutes of questions and discussion. At the close of the conference, invited speakers participated in an hour long round table discussion with conference attendees on specific questions regarding emerging animal science questions and issues.



There is no seminar this week due to the holiday.

SPAM Award Winner Named

Skip Anderson, Sheep Unit Herdsman, is the newest recipient of the ANSC SPAM Award. Dale Redmer, the previous recipient, presented Skip with the traveling award which is presented to an Animal Sciences employee who exemplifies the traits of Spirit, Pep, and Motivation.

Dr. Redmer noted that Skip enjoys IACUC inspections and demands his unit is always in shape to receive the IACUC award. In fact, Skip has stated, "I am going to win the IACUC award every time!" Skip has moved the Sheep Unit from having a serious foot rot problem last year to completely eradicating the problem. He has said, "I want the Sheep Unit to serve as an example of excellence on campus and to the sheep industry in the state."

Skip has been on local news numerous times with demonstrations of the sheep operation and lambing. He has given many school's tours of the Sheep Unit and he loves to host events such as the IACUC appreciation event. He is enthusiastically engaged with the students in the marketing class he teaches and has served on the Moos, Ewes & More committee. All of these activities serve as a means of communicating the mission of our department and showing the importance of NDSU and animal agriculture to the public.



(Photo L to R: Skip Anderson, Dale Redmer; Photo by Deb Thomson)

Rob Maddock Teaches in Ethiopia – Rob Maddock

In January, Rob Maddock, Associate Professor of Animal Science, spent two weeks in Ethiopia teaching Hazard Analysis Critical Control Point (HACCP) and food safety systems to government employees and private businesses. The HACCP class was conducted as a train-the-trainer exercise, with the intent that the participants would be able to help Ethiopian meat processors update and develop HACCP plans.

HACCP plans were reviewed for private meat processing companies and a complete HACCP course was taught at the Ethiopia Meat and Dairy Technical Institute (EMDTI) which is an institute of the Ethiopian government and acts much like the U.S. Extension service. EMDTI provides technical assistance to livestock and dairy producers and meat processors from a research center located in Debre Zeit, a city about 70 miles from the capital city of Addis Ababa.

Ethiopia is the largest exporter of meat in Africa, and has extensive cattle, sheep, and goat herds. The Ethiopian government is especially interested in increasing exports of meats to Europe and the Middle East as a way to grow the Ethiopian economy.

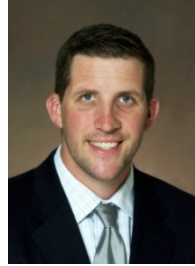
Rob went as a volunteer with the Winrock Foundation as part of a USAID project.



Rob Maddock teaches HACCP to technicians at the EMDTI.

David Newman Invited to Speak at Summit

Dr. David Newman has been invited to speak at the Protein Innovation Summit 2013 to be held in Chicago, IL, on April 15 and 16. David will participate in an interactive butchery demo which will explore muscle groups in search of hidden gems. The presentation is titled “A Fresh Look at Beef and Pork Value Cuts.”



“The Protein Innovation Summit will explore food and flavor trends, food cost strategies, process and technology trends, food politics, and emerging growth segments for new product development. Top culinary talent from restaurant and hotel chains will join R & D teams from meat and poultry processors to discuss strategies for profitable center-of-the-plate menu and product development” (<http://proteininnovationsummit.com>).

The summit is sponsored by Australian Lamb–Australian Beef, Meat and Livestock Australia, Cargill, Multivac, Quantum Foods, Winston Industries, Excalibur Seasoning Company, the Katama Company, Kemin, and Marel.

KUDOS!

Today, the individuals mentioned below did an outstanding job of promoting our department and NDSU to 55 potential new freshmen interested in biomedicine and they showcased their talents in animal husbandry and research!!

Students rotated through four stations and were helped by the person indicated in parentheses:

- Doppler ultrasound demonstration (Beth Morhorst)
- reproductive anatomy (Leslie Lekatz)
- placental artery function demonstration (Arshi Reyaz)
- observing young lambs in ANCP II (Jim Kirsch)

We got some good feedback and hope that we can work with Mr. Doug Vannurden in the future.

Special thanks to Terry Skunberg, Todd Molden, Tom Brown, and Dale Redmer for providing a wonderful clean building, a well behaved dairy cow, and reproductive tracts.

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