

Animal Science Weekly

April 12, 2010

Inside this issue:

- Texas AgriLife Research, Korea National Institute of Animal Science extend partnership for beef studies
- Burdick receives U.S. Senator Phil Gramm Doctoral Award
- Past judging team members needed to answer survey
- Parents' Weekend activities planned for April 16-17
- Spirit of Aggieland Inaugural Sale Catalog available online
- Recent publication
- Upcoming events

Texas AgriLife Research, Korea National Institute of Animal Science extend partnership for beef studies



(Pictured front from left) Dr. Craig Nessler, director of Texas AgriLife Research, and Dr. Sang Cheol Lee, director of the Nutrition and Physiology Division within the National Institute of Animal Science of South Korea, and (front right) Dr. Chang Weon Choi, researcher in animal nutrition and physiology division within the within the N.I.A.S of South Korea. Also pictured (from left) Dr. Stephen Smith, AgriLife Research meat scientist and lead researcher on the project, Dr. David Lunt, assistant director with AgriLife Research. (Texas AgriLife Research photo by Jerrold Summerlin)

By Blair Fannin
AgriLife Communications

COLLEGE STATION – Texas AgriLife Research and the Republic of Korea National Institute of Animal Science have signed an agreement to extend a joint exchange in beef-production research, specifically examining the healthful traits of oleic acid found in Hanwoo cattle.

“We’re extremely pleased to be extending this research partnership that ultimately will have positive outcomes for Texas beef production and for consumers nationally,” said Dr. Craig Nessler, director of Texas AgriLife Research.

The agreement is an extension of an existing research partnership that began more than five years ago, said Dr. Stephen Smith, AgriLife Research meat scientist

and lead researcher on the project.

“This agreement will allow us to build on what we’ve already discovered the past five years,” he said. “Specifically, we’ve learned what we can do in marbling and functional foods related to healthy fats. We’ve exchanged information on digestive and production practices that lead to more marbling and healthier marbling. Now, we’d like to take it a step further and look at the cellular level, what is actually happening. You just don’t get the kind of marbling in South Texas cattle that you do in Hanwoo.”

“We are expecting great things during the next five years (of the agreement),” said Dr. Sang Cheol Lee, director of the Nutrition and Physiology Division within the National Institute of Animal Science

Partnership (cont. on page 2)



<http://www.facebook.com/tamuanimalscience>

Burdick receives U.S. Senator Phil Gramm Doctoral Award

COLLEGE STATION - Nicole Burdick, animal science doctoral student working under the direction of Drs. Tom Welsh, Jeff Carroll and Ron Randel in the physiology of reproduction section, has received the U.S. Senator Phil Gramm Doctoral Award.

Burdick was one of six outstanding graduate students honored by the Office of Graduate Studies April 8, 2010 in the University Club, Rudder Tower.

Each student selected for this award must concurrently exemplify excellence in both research and teaching endeavors. The other five award recipients were from the departments of communication, geography, soil and crop sciences, chemistry, and veterinary physiology and pharmacology.



Partnership (continued from page 1)

of South Korea. "At the moment, beef production (in Korea) is 30 months to slaughter. We've realized 30 months of slaughter time is the reason there are high production costs."

Lee said the Korean government would like to cut production time to 27 months, but expects Korean beef producers to not be in favor of the change since it may decrease marbling, flavor and oleic acid.

"That's why we want this partnership, to find new techniques to increase flavor and keep production time at 27 months," Lee said.

Part of Smith's research program has specifically involved studying the effects of oleic acid in cattle production. Most recently, Smith and a graduate student found there are healthful levels of oleic acid in brisket – a cut of beef used commonly among barbecue restaurants.

"Everything that I've learned about oleic acid in the past few years is a result of my foreign travels," Smith said. "More people could benefit from collaborations with other countries. The cultural aspects have supported my science."

In addition to potential new discoveries, the collaboration will include an international symposium to be held in Texas in 2011, bringing together beef associations, scientists and beef producers, Smith said.

Past judging team members needed to answer survey

Horse · Livestock · Meat · Wool · Dairy · Meat Animal Evaluation



Former Texas A&M judging team members who participated on the horse, livestock, meat, wool, dairy or meat animal evaluation judging teams between the years of 1970 to 2004 are needed to answer a quick survey. This survey is being conducted to explore the potential impact that prior participation on a collegiate judging team may or may not have had on the team members' career, life skills and professional abilities. The survey is straightforward, simple and quick. If you qualify and are interested, please take a few minutes to answer the survey found at the following link at <http://www.surveymonkey.com/s/judgingteams>. If you have any questions, please contact Dr. Clay Cavinder at <cac@tamu.edu> or (979) 845-7731.

Parents' Weekend activities planned for April 16-17

COLLEGE STATION - The Department of Animal Science and Saddle & Sirloin Club will host several activities during this year's Parents' Weekend on April 16-17. Parents' Weekend provides an opportunity for current and retired faculty members to visit and interact with students and their parents. The schedule is as follows:

April 16

- 5:00 p.m. - Little Southwestern (*Pearce Pavilion*)
(Sheep and goats showmanship)
- 6:00 p.m. - Cookoff (*Pearce Pavilion*)
- 7:00 p.m. - Ham Auction

April 17

- 9:00 a.m. - Little Southwestern (*Pearce Pavilion*)
(Cattle, swine, horses and overall showmanship)
- 5:00 p.m. - Scholarship Donor Reception (*Brazos County Expo Center*)
- 6:00 p.m. - Awards Banquet (*Brazos County Expo Center*)



Spirit of Aggieland Inaugural Sale Catalog available online

COLLEGE STATION - Details on the Spirit of Aggieland Inaugural Sale to be held at the Beef Center on April 18 at 1:30 p.m. are available in the sale catalog now online. Information available includes a schedule of events, contact names and numbers, and photos and details on the cattle being offered. The catalog can be viewed at the following link:
<http://animalscience.tamu.edu/images/pdf/beef/TAMU-Beef-Center-2010-Final-Sale-Catalog.pdf>.

Recent publication

Lupton contributes book chapter for Goat Science and Production

S.G. Solaiman, Editor. 2010. Goat Science and Production. Wiley-Blackwell, Ames, Iowa.

A new book covering all aspects of goat sciences and applicable production practices was published in March by Wiley-Blackwell, Ames, Iowa. The depth of scientific information makes it suitable for junior-senior level animal science majors, researchers, outreach personnel and producers. Authors from 14 countries contributed chapters covering the characteristics, management, production, and contributions of goats throughout the world. The editor was Dr. Sandra Solaiman of Tuskegee University. Dr. Ed Huston, professor emeritus of animal and range sciences, Texas A&M University, wrote the foreword for the book and Dr. Chris Lupton, Texas AgriLife Research, San Angelo, contributed the chapter on goat fibers.

Upcoming events

TSCRA/TBC sponsored beef cattle program (April 15, 2010 - Pearce Pavilion - 5:30 p.m.) - Students in the College of Agriculture and Life Sciences and the College of Veterinary Medicine are invited to interact with cattle and industry leaders at a prime rib dinner and program. For more information, call (979) 845-6931 or email <extansc@ag.tamu.edu>.

Spirit of Aggieland Inaugural Sale (April 18, 2010 - TAMU Beef Center - 1 p.m.) - For more information, please contact Paul Maulsby at 979-862-4736 or at <beefcenter@tamu.edu>.

Prepare for a career in agriculture sponsored by the S&S Club and Ag Workers Insurance (April 22, 2010 - Beef Center - 6:30 to 8:30 p.m.) - Enjoy a hamburger dinner and seminar designed to help students prepare for a career in agriculture. For more information, please contact Amanda Smith at <amandasmith10@gmail.com> or Jennifer Ann Smith at <jenniferann.smith@yahoo.com>.

Upcoming events

Children's Barnyard hosted by the Saddle & Sirloin Club (April 27-29, 2010 - Pearce Pavilion) - For more information, contact Kaleigh Burnett <krburnett2007@neo.tamu.edu> or call (512) 750-2530 or visit the website at <http://animalscience.tamu.edu/students/clubs/s&s/announcements/index.htm>.

Bounce Back in 2010 by Alltech (April 29, 2010 - Hilton College Station - 5:30 p.m.) - Join an interactive discussion on getting the industry back to profitability and strength. Please RSVP to April Lankford at <alankford@alltech.com>.

"Man of Trail" Clinic (May 1, 2010 - Freeman Arena) - For more information, please contact Dr. Clay Cavinder at 979-845-7731 or at <cac@tamu.edu>.

ASGSA Crawfish Boil (May 1, 2010 - Lake Bryan Pavilion) - For more information, please contact Lauren Hulsman at 936-870-6102 or email <lhulsman@tamu.edu>.

Texas A&M University Show Cattle Camp (May 28-30, 2010 & June 4-6, 2010) - For more information, please visit <http://animalscience.tamu.edu/academics/beef/beef-center/camps/show-cattle-camp/index.htm> or contact Paul Maulsby at 979-862-4736 or by email at <beefcenter@tamu.edu>.

Horse Judging Camp (June 2-4, 2010 & June 16-18, 2010) - For more information, please visit the website at <http://animalscience.tamu.edu/workshops/youth-workshops/tamu-horse-judging-camp.htm> or contact Dr. Clay Cavinder at 979-845-7731 or by email at <cac@tamu.edu>.

Livestock Judging Camp (June 13-15, June 20-22 & June 23-25, 2010) - For more information, please visit the website at http://animalscience.tamu.edu/workshops/youth-workshops/livestock_judging_camp.htm or contact Jake Franke at 979-845-7616 or by email at <jfranke@tamu.edu>.

Aggieland™ Lamb & Goat Camps (July 16-18, 2010 & July 23-25, 2010) - For more information, please visit the website at <http://animalscience.tamu.edu/academics/sheep-goats/sheep-center/youth-camps/index.htm> or contact Dr. Shawn Ramsey at 979-845-7616 or by email at <sramsey@tamu.edu>.

56th annual Texas A&M Beef Cattle Short Course (Aug. 2-4, 2010 - College Station)- For more information, please contact the Beef Cattle Extension office <extansc@ag.tamu.edu> at 979-845-6931 or visit <http://beef.tamu.edu>.



Department of Animal Science - Dr. Gary Acuff, Professor & Head - 2471 TAMU - College Station, TX 77843-2471
Tel. 979.862.4994 - <http://animalscience.tamu.edu>

Please forward additions to the mailing list and future requests and events to Courtney Coufal <cacoufal@tamu.edu>