



November 27, 2007

### PUBLICATIONS

Recent departmental publications include the following:

“Dietary capsaicin does not alter synovial concentrations of prostaglandin E2 or the acute phase response in aged horses following antigenic challenge,” **Shanna Hardin, Logan Potts, Justin Waggoner, Clint Löest, and Jason Turner**, *Journal of Equine Veterinary Science* 27(11):494-498.

“West Nile antibody titers and total immunoglobulin G concentrations in foals from mares vaccinated in late gestation,” **Jason Turner, Justin Waggoner, Susan Rose, Mark Arns, Kevin Hankins, and John Tuttle**, *Journal of Equine Veterinary Science*

“Intrauterine bacterial inoculation and level of dietary methionine alter amino acid metabolism in nulliparous yearling ewes”, **Tonya Thelan, Clint Löest, Bret Taylor, S. Wang, and G. S. Lewis**, *Journal of Animal Science* 85:3371.

“Western ranching, trade policies, and peak oil: Skyrocketing trade deficits coupled with depletion of oil and natural gas reserves could make rangeland livestock production essential to food security in the United States,” **Jerry**

**Holechek** and Jerry Hawkes, *Rangelands* 29(5):28-32.

“National security and rangelands depletion of fossil fuels and global warming could drastically reduce world food production,” **Jerry Holechek**, *Rangelands* 29(5):33-38.

“Grazing distribution: The quest for the silver bullet,” **John Tanaka, Neil Rimbey, Allen Torell, David Taylor, Derek Bailey, Tim DelCurto, Kenric Walburger, and Bob Welling**, *Rangelands* 29(4):38-46.

“Habitat effects on condition of doe mule deer in arid mixed woodland-grassland,” **L. C. Bender, L. A. Lomas, Tomas Kamienski**, *Rangeland Ecology and Management* 60:277-284.

“Hydrologic, riparian, and agroecosystem functions of traditional acequia irrigation systems,” **Sam Fernald, Terrell Baker**, and **S. J. Guldan**, *Journal of Sustainable Agriculture* 30(2).

“Deep percolation and its effects on shallow groundwater level rise following flood irrigation,” **Carlos Ochoa, Sam Fernald, S. J. Guldan, and M. K. Shukla**, *Transactions of the ASABE* 50(1):73-81.

## **TRAVELS**

Milt Thomas attended the American Society of Animal Science strategic planning retreat in Savoy, Illinois on October 10-13. He also attended the International Brangus Breeders Association summit in San Antonio on October 16-17. Dr. Thomas serves as chair of the DNA-ad hoc technology committee.

Derek Bailey was in Nashville, Tennessee on November 4-6 to appear on RFDTV to discuss grazing distribution research.

Jerry Holechek gave an invited paper on grazing management at the Mexico Cattle Growers meeting in Monterrey, Mexico on November 5-7.

Jack Thomas traveled to Baltimore, Maryland on November 7-10 to attend the Faculty Athletics Representatives Association (FARA) meeting.

Attending the American Water Resources Association Conference in Albuquerque on November 12 were Carlos Ochoa and Ciara Cusack.

## **JUDGING TEAMS**

The livestock judging team, coached by Cole Gardner and Johnathon Walsh, participated in the Texas Tech Mock Judging Contest in Lubbock on November 2-3. The team then traveled to Louisville, Kentucky to compete at the North American International Livestock

Exposition on November 13. Twenty-six team and 130 individuals participated in this contest with Davena Norris finishing 31<sup>st</sup> in swine, 33<sup>rd</sup> in cattle, 32<sup>nd</sup> in reasons, and 31<sup>st</sup> overall. Team members are Davena Norris, Julian Marta, Kali Benson, T. J. Arellano, and Sarah Peterson. At the first annual Buck Cattle Contest in Madill, Oklahoma, Davena was 4<sup>th</sup> high individual while Kali Benson and T. J. Arellano were 6<sup>th</sup> and 8<sup>th</sup> high individuals, respectively.

The horse judging team, coached by Jason Turner, finished 5<sup>th</sup> in halter, 5<sup>th</sup> in performance, 5<sup>th</sup> in reasons, and 4<sup>th</sup> overall at the US Arabian Nationals Horse Judging Contest in Albuquerque on October 26. Kaycee McDaniel was 8<sup>th</sup> in performance and 9<sup>th</sup> overall. Other team members were Arianne Wilbanks, Carla Miner, Hannah Willemsma, Nizhoni Paz and alternates, Keisha Yazzie and Danika Jackson.

## **GAMMA SIGMA DELTA**

Gamma Sigma Delta, the Honor Society of Agriculture, inducted into membership Jillian Benavidez, Sara Kuykendall, and Travis Mulliniks at the annual banquet on October 30. Dr. Mark Petersen was named recipient of the 2007 "Distinguished Graduate

Teaching/Advising Award”.  
Congratulations to these individuals.

**FALL GRADUATES**

The following students are  
scheduled to graduate on December  
15, 2007:

Animal Science

Samantha Ortiz  
Nicholas Kennedy  
Laura Dorman  
Sarah Wallace  
Benjamin Blandin  
Zuhey Medina  
Virginia Vega  
Katherine Panos  
Toni (T.J.) Arellano  
Sarah Kay Roddis-Searle  
Marie Cadieux  
Felix Smith  
William Chavez

Range Science

Amelia Underwood  
Jesarey Barela  
Tina Smith  
Josh Miller  
Christopher Teske  
Christopher Joe

Christopher Teske has been  
named “Outstanding Student in  
Agriculture” while Josh Miller  
(undergraduate) and Justin  
Waggoner (graduate) will receive  
the Dean’s Award of Excellence.

**ETC.**

Sympathy is expressed to  
Garrett Gilliam, graduate student

working with Clint Löest, on the  
death of his grandmother on  
October 24 in Quanah, Texas.

Congratulations to Kirk and  
Eileen McDaniel on the birth of a  
grandson, Owen Thomas, on  
October 27 in Colorado. Parents are  
Thomas and Andrea McDaniel.