



New Mexico State University

Department of Animal & Range Sciences

Number 234

January 19, 2007

PUBLICATIONS

Recent departmental publications include the following:

“Effect of ractopamine HCl supplementation on fecal shedding of *Escherichia coli* O157:H7 and *Salmonella* in feedlot cattle,” T. S. Edrington, T. R. Callaway, S. E. Ives, M. J. Engler, T. H. Welsh, **D. M. Hallford**, K. J. Genovese, R. C. Anderson, and D. J. Nisbet. *Current Microbiology* 53:340-345.

“Effects of body condition score at parturition and postpartum supplemental fat on metabolite and hormone concentrations of beef cows and their suckling calves,” S. L. Lake, E. J. Scholljegerdes, **D. M. Hallford**, G. E. Moss, D. C. Rule, and B. W. Hess. *Journal of Animal Science* 84:1038-1047.

“Effects of weaning programs on serum metabolites and hepatic IGF-1 mRNA of first-calf heifers or mature cows,” Travis Whitney, Glenn Duff, Peder Cuneo, David Henderson, David Schafer, **Dennis Hallford**, Robert Collier, and Paula Gentry. *Journal of Food, Agriculture & Environment* 4(2):49-53.

“Interactions between metabolic status, pre-breeding protein supplementation, uterine pH, and embryonic mortality in ewes: Preliminary observations,” C. A. Meza-Herrera, **Tim Ross**, **Dean Hawkins**, and **Dennis Hallford**. *Tropical Animal Health Production* 38:407-413.

“Influence of plant material handling protocols on terpenoid profiles of one-seed juniper saplings,” **S. A. Utsumi**, **A. F. Cibils**, R. E. Estell, and Y. F. Wang. *Rangeland Ecology and Management* 59:668-673.

TRAVELS

Jack Thomas attended the Fiesta Bowl in Phoenix, AZ on December 30-January 2 as part of the WAC delegation. He will be attending the NCAA convention in Orlando, Florida on February 4-8.

Milt Thomas and graduate student Ashley Garrett will travel to San Diego on January 14-17 to attend the International Plant and Animal Genome conference. Ashley will present a poster, “Associations of sequence polymorphisms in growth hormone (GH) and its transcriptional regulators, Pit-1 and Prop-1, with growth and carcass traits in Brangus bulls.”

Derek Bailey participated at the Winter Grazing Symposium in Harlowton, Montana on January 16-18.

Attending the American Society of Animal Science Board of Directors mid-year meeting in San Antonio, Texas on January 26-28 will be Dennis Hallford who serves as the Western ASAS director.

GARDNER RETIRES

Ben Gardner, research assistant with the NMSU Meat Laboratory, retired December 31 after 29 years of service. He joined the department in February, 1977



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after serving in the military and working in the oil fields. He received his degree in animal science in 1974. While at NMSU, Ben served as Block and Bridle Club and Collegiate 4-H advisor. He was responsible for supervising student employees on humane slaughter and meat processing procedures and assisted with the AnSc 262 laboratory class, State FFA and State 4-H meats contests. A farewell reception was held for Ben on December 18, 2006.

INTERDISCIPLINARY GRANTS

The Office of the Vice President for Research, Graduate Studies and International Programs has initiated award programs to foster interdisciplinary research and undergraduate involvement in faculty-mentored research projects. Jason Turner received a \$2,500 Undergraduate Research Initiative Grant and Shanna Hardin will work with him on his project involving feeding chile byproducts to horses. Shanna Ivey and Rebecca Creamer (EPPWS) received a grant to study the influence of fungal entophyte on cellulosic attachment by ruminal microorganisms.

JUDGING TEAMS

The NMSU horse judging team competed at the NRHA Reining Futurity Intercollegiate judging contest in Oklahoma City on December 1. The team finished 4th overall out of 18 teams, with Jacinda Hinkson placing 7th High Individual overall. Other team members were T. J. Arellano, Kali Benson, Davena Norris and Janae Green. Other students traveling with the team were Mallory Cohn, Erin Trujillo and Carla Miner. Amy Brown and Jason Turner are team coaches.

The livestock judging team competed at the Express Ranches judging contest in Oklahoma City on December 14-20, the Arizona National Livestock Judging contest in Phoenix on December 28-January 1, and the National Western Stock Show in Denver on January 4-14. At the Denver contest, the team was 7th in sheep with Davena Norris placing 9th in sheep and 11th overall. Patrick Pachta was 11th in the carload contest. Other team members were, Lindsay Jaramillo, Calli Benson, and Julian Marta. Team coaches are graduate assistants, Cole Gardner and Johnathon Walsh.

The wool judging team participated at the National Western Stock Show in Denver on January 8-14. The team placed 5th overall in the Wool Judging Contest and 1st overall in the Handspinning contest. Individually, Denny Burnett was 2nd in reason, 1st in grading and 3rd overall. Brock Graham was 9th in reasons and 10th overall, while Skyla Cockerman was 11th in grading and 2nd overall in handspinning. Russell Walter finished 4th overall in handspinning. Other members are Andrea Stapp and Erica Montoya. Tim Ross serves as coach assisted by Beau Schilling and Brandon Herron. The team also visited wool labs at University of Wyoming and Colorado State University.



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