

Biographical Sketch

John Blanton Jr.

Education

New Mexico State University, B.S.	Animal Science	1993
Mexico State University, M.S.	Animal Genetics	1995
Purdue University, Ph.D.	Meat Science/Muscle Biology	1998
Indiana University Post-Doc	Molecular Genetics	1999

Professional Experience:

Research Programs Manager The Samuel Roberts Noble Foundation Ardmore, OK	2008 - Present
Project Leader – Pharmaceutical Development Intervet Inc. (now Schering-Plough) Millsboro, DE	2006 - 2008
Associate Professor of Animal Science Department of Animal and Food Sciences Texas Tech University, Lubbock, TX	2005 – 2006

Refereed Publications :

1. Dinh, T.T.N., **J.R. Blanton Jr.**, D.G. Riley, C.C. Chase Jr., S.W. Coleman, W.A. Phillips, J.C. Brooks, M.F. Miller and L.D. Thompson. 2010. Intramuscular fat and fatty acid composition of longissimus muscle from divergent pure breeds of cattle. *J. Anim. Sci.* 88:756-766.
2. Hilton G.G, J.L. Montgomery, C.R. Krehbiel, D.A. Yates, J.P. Hutcheson, W.T. Nichols, M.N. Streeter, **J.R. Blanton Jr.**, and M.F. Miller. 2009. Effects of feeding zilpaterol hydrochloride with and without monensin and tylosin on carcass cutability and meat palatability of beef steers. *J. Anim. Sci.* 87:1394-1406.
3. Leheska, J.M., J.L. Montgomery, C.R. Krehbiel, D.A. Yates, J.P. Hutcheson, W.T. Nichols, M. Streeter, **J.R. Blanton Jr.**, and M.F. Miller. 2009. Dietary zilpaterol hydrochloride. II. Carcass composition and meat palatability of beef cattle. *J. Anim. Sci.* 87:1384-1393.
4. Dinh, T.T.N., **J.R. Blanton Jr.**, J.C. Brooks, M.F. Miller and L.D. Thompson. 2008. A simplified method for cholesterol determination in meat and meat products. *J. of Food Comp. and Anal.* 21:306-314.
5. Braden, K.W., **J.R. Blanton Jr.**, J.L. Montgomery, E. van Santen, V.G. Allen and M.F. Miller. 2007. Tasco supplementation: Effects on carcass characteristics, sensory attributes, and retail display shelf-life. *J. Anim. Sci.* 85(3):754-768.
6. Fleming-Waddell, J.N., D.H. Keisler, S.P. Jackson and J.R. Blanton Jr. 2007. Characterization of leptin levels in gestating callipyge ewes. *Asian-Aust. J. Anim. Sci.* 20(1):41.

7. Anderson, M.J., **J.R. Blanton Jr.**, J. Gleghorn, S.W. Kim and J.W. Johnson. 2006. *Ascophyllum nodosum* supplementation strategies that improve overall carcass merit of implanted English crossbred cattle. Asian-Asut. J. Anim. Sci. 19(10):1514-1518.
8. Montgomery, J.L., W.M. Harper, Jr., M.F. Miller, K.J. Morrow, Jr., K.W. Braden and **J.R. Blanton Jr.** 2006. Optimization of culture conditions for determining protein synthesis in myoblasts using extract of adult bovine muscle treated with muscle enhancing compounds. Prof. Anim. Sci. 22:292-300.
9. Montgmonery, J.L., W.M. Harper, Jr., M.F. Miller, K.J. Morrow, Jr., K.W. Braden, and **J.R. Blanton, Jr.** 2006. Optimization of culture conditions for determining protein degradation in myoblasts using extracts of adult bovine muscle treated with muscle enhancing compounds. Prof. Anim. Sci, 22:283-291. 9. Anderson, M.J., **J.R. Blanton Jr.**, J. Gleghorn, S.W. Kim and J.W. Johnson. 2006. *Ascophyllum nodosum* supplementation strategies that improve overall carcass merit of implanted English crossbred cattle. Asian-Asut. J. Anim. Sci. 19(10):1514-1518.
10. Montgomery, J.L., W.M. Harper, Jr., M.F. Miller, K.J. Morrow, Jr., K.W. Braden and **J.R. Blanton Jr.** 2006. Optimization of culture conditions for determining protein synthesis in myoblasts using extract of adult bovine muscle treated with muscle enhancing compounds. Prof. Anim. Sci. 22:292-300.
11. Montgmonery, J.L., W.M. Harper, Jr., M.F. Miller, K.J. Morrow, Jr., K.W. Braden, and **J.R. Blanton, Jr.** 2006. Optimization of culture conditions for determining protein degradation in myoblasts using extracts of adult bovine muscle treated with muscle enhancing compounds. Prof. Anim. Sci, 22:283-291.
12. Ji. F, G. Wu, **J.R. Blanton Jr.**, and S.W. Kim. 2005. Changes in weight and composition in various tissues of pregnant gilts and their nutritional implications. J. Anim. Sci. 83:366-375.
13. Braden, K.W., **J.R. Blanton Jr.**, V.G. Allen, K.R. Pond and M.F. Miller. 2004. *Ascophyllum nodosum* supplementation. A pre-harvest intervention for reducing *Escherichia coli* O157:H7 and *Salmonella* spp. in feedlot steers. J. Food Prot. 67(9): 1824-1828
14. Goolsby, H.A., **J.R. Blanton Jr.** and S.D. Prien. 2004. Preliminary comparisons of a unique freezing technology to traditional cryopreservation methodology of equine spermatozoa. J. Equine Vet. Sci. 24(8): 314-318.
15. Montgomery, J.L., **J.R. Blanton Jr.**, R.L. Horst, M.L. Galyean, K.J. Morrow, Jr., V.G. Allen, D.B. Wester and M.F. Miller. 2004. Effect of supplemental vitamin D₃ concentration on concentrations of calcium, phosphorous, and magnesium relative to protein in subcellular components of the longissimus and the distribution of calcium within longissimus muscle of beef steers. J. Anim. Sci. 82:2742-2749.

Patents (2):

1. Prein, S.D., **J. Blanton Jr.**, M. Miller, B. Wood and K. Pond. 2001. Cryopreservation and recovery of viable single cells, tissues, organs, nucleic acids and other biologically active molecules using a novel freezing and chilling system. Provisional patent files June 2000.
2. Prein, S.D, B. Wood and **J. Blanton Jr.** A unique freezing technology for preparation of tissue samples for histological examination. Provisional patent files December 2000.