Publications for members of NCERA-199, 2009

Bold author names indicate members of NCERA-119

** indicates a collaboration between members of NCERA-119*

1. Aguilar, I., S. Tsuruta, and **I. Misztal**. 2009. Computing options for multiple trait test day random regression models while accounting for heat tolerance. J. Anim. Breed. Genet. (Accepted)
2. Aguilar, I**., I. Misztal**, and S. Tsuruta. 2009. Genetic components of heat stress in dairy cattle for multiple lactations. J. Dairy Sci. (Accepted)
3. Aldai, N., M. E. R. Dugan, K. Osoro, Z. Wang, **D. H. Crews, Jr**., and C. Li. 2009. Phenotypic correlations of fatty acid composition among intramuscular, subcutaneous and intermuscular fat tissues in concentrate-fed beef cattle of differing genotypes. Canadian Journal of Animal Science 89:67-70.
4. Allan, M. F., Kuehn, L. A., Cushman, R. A., Snelling, W. M., Echternkamp, S. E., and **Thallman, R. M**. 2009. Confirmation of QTL using a low density SNP map for twinning and ovulation rate on bovine chromosome 5. J. Anim. Sci. 87:46-56.
5. Andersen, K. J., and **L. R. Hyde**. 2008. NALF announces genetic evaluation service provider. Bottom Line. Spring:5.
6. Andersen, K. J., and **L. R. Hyde**. 2008. NALF announces genetic evaluation service provider. Limousin World. April:106.
7. Andersen, K. J., **and L. R. Hyde**. 2008. Vision Quest 2 demonstrates Limousin, Lim-Flex carcass merit.. Limousin World. January:18-20.
8. Banos, G., J.A. Woolliams, **B.W. Woodward**, A.B. Forbes, and M.P. Coffey. 2008. Impact of Single Nucleotide Polymorphisms in Leptin, Leptin Receptor, Growth Hormone Receptor, and Diacylglycerol Acyltransferase (DGAT1) Gene Loci on Milk Production, Feed, and Body Energy Traits of UK Dairy Cows. J. Dairy Sci. 91:3190–3200.
9. Bennett, G. L., **Thallman, R. M**., Snelling, W. M., and Kuehn, L. A. 2008. Experimental selection for calving ease and postnatal growth in seven cattle populations. II. Phenotypic differences. J. Anim. Sci. 86:2103-2114.
10. **Bormann, J.M**., D. W. Moser, T. T. Marston, and K. C. Olson. Residual feed intake and reproductive performance of heifers sired by high or low RFI EBV bulls. J. Anim. Sci. 87(E-Suppl. 2):18(Abstr.).
11. Brigham, B.W., S.E. Speidel, **D.J. Garrick**, L.K. Keenan and R.M. Enns. 2009. Aggregate stayability – using information from younger ages. J. Anim. Sci. 87:E-suppl 3, abstract 4.
12. Casas, E., **Thallman, R. M**., Kuehn, L. A., and Cundiff, L. V. 2009. Postweaning growth and carcass traits in crossbred cattle from Hereford, Angus, Brangus, Beefmaster, Bonsmara, and Romosinuano maternal grandsires. J. Anim. Sci. (Available: http://jas.fass.org/cgi/reprint/jas.2009-2271v1).
13. Chen,C. Y., **I. Misztal**, S. Tsuruta, W.O. Herring,J. Holl, and M. Culbertson. 2009. Influence of heritable social status on daily gain and feeding pattern in pigs. J. Animal Breed. Genet. (Accepted) 140
14. Chen,C. Y., **I. Misztal**,S. Tsuruta,B. Zumbach, W.O. Herring,T. Long, and M. Culbertson. 2009. Estimation of genetic parameters of feed intake and daily gain in Durocs using data from electronic swine feeders. J. Animal Breed. Genet. (Accepted)
15. Cloete,S.W.P., **I. Misztal**, and J.J. Olivier. 2009. Genetic parameters and trends for lamb survival and birth weight in a Merino flock divergently selected for multiple rearing ability. J. Animal Sci. 87:2196–2208. 130.
16. **Crews, D. H., Jr**., G. E. Carstens, R. Hill, J. A. Basarab, and M. Nielsen. 2009. Individual feed intake and efficiency measurement. In: Guidelines for Uniform Beef Improvement Programs, 9th Edition [Draft]. Beef Improvement Federation (www.beefimprovement.org).

17. Crowley, J. J., M. McGee, D. A. Kenny, **D. H. Crews, Jr**., R. D. Evans, and D. P. Berry. Phenotypic and genetic parameters for different measures of feed efficiency in Irish performance tested beef bulls. Journal of Animal Science (Accepted).
18. **Davis, M. E**., and R. C. M. Simmen. 2009. Estimates of inbreeding depression for serum insulin-like growth factor I concentrations, body weights, and body weight gains in Angus beef cattle divergently selected for serum insulin-like growth factor I concentration. J. Anim. Sci. doi.2527/jas.2009-2232.
19. Dib, M. G., L. D. Van Vleck, and **M. L. Spangler**. 2009. Estimates of Genetic Parameters for Weight and Height of Angus Cows using a Repeatability Model. Proc. Western Section Animal Science Meetings, Vol. 60 pp 40-41.
20. **Elzo, M. A**., D. D. Johnson, D. G. Riley, G. R. Hansen, G. C. Lamb, R. O. Myer, J. G. Wasdin, and J.D. Driver. 2009. Association between carcass and meat quality traits, and phenotypic residual feed intake, breed composition, and temperament in Angus-Brahman multibreed cattle. J. Anim. Sci. 87 (E-Suppl. 2):19.
21. **Elzo, M. A**., D. O. Rae, S. E. Lanhart, F. G. Hembry, J. G. Wasdin, and D. J. Driver. 2009. Association between cow reproduction and calf growth traits and Elisa scores for paratuberculosis in a multibreed herd of beef cattle. Trop. Anim. Health Prod. 41:851- 858.
22. Ferraz, J.B.S., L.F.B. Pinto, F.V. Meirelles, J.P. Eler, E.C.M. Oliveira, F.M. Rezende.; H.B. Almeida, **B. Woodward**, and D. Nkrumah. 2009. Association of SNPs with carcass traits in Nellore Cattle. Genetics and Molecular Research. (In press).
23. Ferraz, José Bento Sterman, Flavio V. Meirelles, Joanir P. Eler, Fernanda M. Rezende, Elisangela C. Mattos, Henry B. Almeida, Roulber C.G. Silva, Stewart Bauck, **Brent Woodward**, and Joshua Donald Nkrumah. 2009. Validation of genetic markers in Nelore beef cattle in Brazil. In: Proc. Statistical Genetics of Livestock for the Post-Genomic Era Symposium, Madison, WI.
24. Franke, D.E., T.D. Bidner, M.G. Thomas, and **B.W. Woodward**. 2008. Genetic markers in the leptin gene and association with carcass traits in Brahman steers. J. Anim. Sci. 86:2, E-Suppl. 3.
25. **Garrick, D.J**. 2009. The nature and scope of some whole genome analyses in beef cattle. http://www.bifconference.com/bif2009/ab_g1_4_garrick.html
26. **Garrick, D.J**. 2009. Bayesian analyses of whole-genome data. Australasian conference on statistical methods for genomic data analysis. http://genepi.qimr.edu.au/genomics/sept30_files/Page671.htm
27. **Garrick, D.J**., and B.L. Golden. 2009. Producing and using genetic evaluations in today's U.S. beef industry. J. Anim. Sci. 87:E11-18E.
28. **Garrick, D.J**. 2009. An animal breeding approach to the estimation of genetic and environmental trends from field populations. J. Anim. Sci. jas.2009-2329v1-20092329.
29. **Garrick, D.J**. 2009. New genomic advances in dairy and beef cattle improvement. Proceedings of the Ensminger School held in Costa Rica Feb 11-13, 2009, Retos y alternativas para la produccion animal tropical. Pp 89-105.
30. **Garrick, D.J**. 2009. The nature and scope of some whole genome analyses in U.S. beef cattle. Proceedings of the Beef Improvement Federation's 41st Annual Research Symposium and Annual Meeting. 41:92-102. http://www.bifconference.com/bif2009/proceedings/G3_pro_Garrick.pdf
31. Golden, B.L., **D.J. Garrick** and L.L. Benyshek. 2009. Milestones in beef cattle genetic evaluation. J. Anim. Sci. 87:E3-10E.
32. Gradert, K.C., **J. M. Bormann**, S. F. DeWitt, L. W. Lomas, J. M. Kouba, and T. L. Slough. The use of Doppler ultrasonography to measure vasoconstriction in horses consuming endophyte-infected tall fescue. J. Anim. Sci. 87(E-Suppl. 2):243(Abstr.).
33. Gradert, K.C., **J. M. Bormann**, S. F. DeWitt, L.W. Lomas, J. M. Kouba, and T. L. Slough. The effect of consuming endophyte-infected tall fescue on lameness in the horse. J. Anim. Sci. 87(E-Suppl.

2):578(Abstr.).

34. Gradert, K.C., **J. M. Bormann**, S. F. DeWitt, L.W. Lomas, J. M. Kouba, and T. L. Slough. The use of thermal imaging to monitor temperature in the hoof of horses consuming endophyte-infected tall fescue. J. Anim. Sci. 87(E-Suppl. 2):578(Abstr.).
35. Herrera, A. C., C. M. Mendez, M. F. Ceron, **M. A. Elzo**, and O. D. Vergara. 2009. Genetic and economic evaluation of dairy production systems in Holstein, Ayrshire, BON cattle and their crosses in Antioquia. Rev. Colomb. Cienc. Pec. 22:464-465.
36. Huang, C., S. Tsuruta, J. K. Bertrand, **I. Misztal**, T. J. Lawlor, and J. S. Clay. 2009. Trends for conception rate of Holsteins over time in Southeastern USA. J. Dairy Sci. 92:4641 4647.
37. **Hyde, L. R**. 2008. Too high? Too low? Percentile tables help you decide. Bottom Line. Spring:15.
38. **Hyde, L. R**. 2008. Visions Quest brings instrument grading into focus. Bottom Line. Winter:12-13.
39. **Hyde, L.R**. 2009. Cow weights, condition scores help manage costs. Limousin World. November:61.
40. **Hyde, L. R**. 2009. Genetic trends demonstrate breed improvement. Bottom Line. Spring:11.
41. **Hyde, L. R**. 2009. Limousin breeders tackle temperament; genetic trend shows power of selection. Bottom Line. Winter:17,20.
42. **Hyde, L.R**. 2009. Limousin helps integrate DNA technology. Bottom Line. Fall:12.
43. **Hyde, L.R. 2009**. Worth the effort: collecting feed efficiency data is not only practical, but smart. Limousin World. October:24-26.
44. Islam, K. K., M. Vinsky, R. E. Crews, E. Okine, S. S. Moore, **D. H. Crews, Jr**., and C. Li. 2009. Association analyses of a SNP in the promoter of IGF-1 with fat deposition and carcass merit traits in hybrid, Angus, and Charolais beef cattle. Animal Genetics 40(5):766-769.
45. *Kizilkaya, K. R.L. Fernando and **D.J. Garrick**. 2009. Simulation of genomic selection in a crossbred beef cattle population. J. Anim. Sci. 87:E-suppl 3, abstract 38.
46. *Kizilkaya, K., R. L. Fernando, **and D. J. Garrick**. Genomic prediction of simulated multi-breed and purebred performance using observed 50k SNP genotypes. J. Anim. Sci. jas.2009-2064v1-20092064.
47. Kongnoi, T., S. Koonawootrittriron, **M. A. Elzo**, T. Suwanasopee, and A. Hirunwong. 2009. Factors affecting and correlation among semen quantity and quality traits of dairy bulls raised in central Thailand. Pages 182 - 190 in Proc. 47th Kasetsart University Conference, March 17 - 21, 2009, Bangkok, Thailand.
48. Kongnoi, T., S. Koonawootrittriron, **M. A. Elzo**; T. Suwanasopee, and A. Hirunwong. 2009. Semen quantity and quality of dairy bulls raised in tropical Central Thailand. J. Anim. Sci. 87 (E-Suppl. 2):425.
49. Koonawootrittriron, S., **M. Elzo**, T. Suwanasopee, P. Sopanarat, S. Prasanpanich, C. Chaimongkol, T. Tongprapi, and T. Ralukmun. 2009. D.P.O. Sire & Dam Summary 2008. Dairy Farming Promotion Organization, Ministry of Agriculture and Cooperatives of Thailand, Bangkok. p 1-56.
50. Koonawootrittriron, S., **M. A. Elzo**, and T. Tongprapi. 2009. Genetic trends in a Holstein x other breeds multibreed dairy population in Central Thailand. Livest. Sci. 122:186-192.
51. Lancaster, P. A., G. E. Carstens, **D. H. Crews, Jr**., T. H. Welsh, Jr., T. D. A. Forbes, D. W. Forrest, L. E. Tedeschi, R. D. Randel, and F. M. Roquette. 2009. Phenotypic and genetic relationships of residual feed intake with performance and ultrasound carcass traits in Brangus heifers. Journal of Animal Science {jas.2009-2041v1-20092041}.
52. Lancaster, P. A., G. E. Carstens, F. R. B. Ribeiro, L. O. Tedeschi, and **D. H. Crews, Jr**. 2009. Characterization of feed efficiency traits and relationships with feeding behavior and ultrasound carcass traits in growing bulls. Journal of Animal Science 87:1528-1539.
53. Lawrence, P., M. McGee, D. A. Kenny, **D. H. Crews, Jr**., and B. Earley. 2009. Grass silage intake, rumen and blood variables, ultrasound and body measurements and behavior in pregnant beef heifers differing

in phenotypic residual feed intake. 2009 Agricultural Research Forum, Tullamore, Co. Offaly, Ireland.

54. Legarra, A., I. Aguilar, and **I. Misztal**. 2009. A relationship matrix including full pedigree and genomic information. J. Dairy Sci. 92:4656 4663

55. Lewis, R. M., B. B. Lockee, M. S. Ames, and G. C. Márquez Betz. 2009. Solving an educational dilemma through collaboration: an inter-institutional approach to graduate distance learning. Conf. Higher Education Pedagogy, Blacksburg, Virginia (Abstr.).

56. *Lewis, R. M., B. B. Lockee, M. S. Ames, G. C. Márquez, R. M. Enns, J. M. Rumph, T. W. Wilkinson, and E. J. Pollak. 2009. Solving a dilemma in graduate education: Animal Breeding and Genetics Online. J. Anim. Sci. 87(E-suppl. 2):623 (Abstr.).

57. Lockee, B. B., R. M. Lewis, and M. S. Ames. 2008. CyberSheep: employing games and simulations for the enhancement of online learning. No. 37-I1 in Proc. Assoc. Education Commun. Technol., Orlando, Florida (Abstr.).

58. Lorenzen, C. L., M. K. Hendrickson, A. D. Clarke, M. C. Shannon, R. M. Torres, **R. L. Weaber**, and K. L. Savage-Clarke. 2009. Integrating a food defense educational program across an animal science curriculum. J. Anim. Sci. Vol. 87(E-Suppl. 3): 129. (Abstr.)

59. Lorenzen, C. L., M. K. Hendrickson**, R. L. Weaber**, A. D. Clarke, M. C. Shannon and K. L. Savage-Clarke. 2009. Food Defense: Protecting the Food Supply from Intentional Harm.

60. Lorenzen, C. L., M. K. Hendrickson, A. D. Clarke, M. C. Shannon, **R. L. Weaber**, and K. L. Savage-Clarke. 2009. Food Defense Planning. University of Missouri Extension: A training manual for regional extension specialists.

61. Lorenzen, C. L., M. K. Hendrickson, A. D. Clarke, M. C. Shannon, R. L. Weaber, and K. L. Savage-Clarke. 2009. Food Defense: Protecting the food supply from intentional harm. University of Missouri Extension: A training manual for producers, processors and retailers.

62. *MacNeil, M.D., J.D. Nkrumah, **B.W. Woodward**, and S.L. Northcutt. 2009. Genetic evaluation of Angus cattle for carcass marbling using ultrasound and genomic indicators. J. Anim. Sci. (Pub online 11-6-09).

63. Maddock, T. D., J. L. Foster, **M. A. Elzo**, and G. C. Lamb. 2009. Changes in temperament scores of cattle handled frequently failed to enhance feed intake. J. Anim. Sci. 87 (E-Suppl. 2):6.

64. Maricle, E. A., M. Kaps, R. L. Weaber, and W. R. Lamberson. 2009. Evaluation of G × E in Angus cattle by using reaction norms. J. Anim. Sci. Vol. 87(E-Suppl. 3): 54. (Abstr.)

65. Márquez, G. C., S. E. Speidel, R. M. Enns, and **D. J. Garrick**. 2009. Genetic diversity and population structure of American Red Angus Cattle. J. Anim. Sci. jas.2008-1292v1-20081292.

66. McAllister, C. M., S. E. Speidel, B. W. Brigham, **D. H. Crews, Jr.,** and R. M. Enns. 2009. Genetic parameters for percent intramuscular fat, marbling score, scrotal circumference, and heifer pregnancy in Red Angus Cattle. Proceedings, Western Section, American Society of Animal Science 60:152-155.

67. *Meiwes, B. C., G. H. Loneragan, B. W. Brigham, R. M. Enns, R. L. Weaber, H. Van Campen, J. L. Salak-Johnson,
C. C. L. Chase, J. J. Wagner, C. M. McAllister, and E. J. Pollak. 2008. Factors Associated with Successful Treatment in Feedlot Cattle. 89th Annual Meeting of the Conference of Research Workers in Animal Diseases, December 7-9, 2008, Chicago, Illinois.

68. **Misztal, I., A**. Legarra, and I. Aguilar. 2009. Computing procedures for genetic evaluation including phenotypic, full pedigree and genomic information. J. Dairy Sci. 92:4648 4655.

69. Mujibi, F. D. N. and **D. H. Crews, Jr**. 2009. Genetic parameters for calving ease, gestation length and birth

weight in Charolais cattle. Journal of Animal Science 87:2759-2766.

70. Nafikov, R.A., J.P. Schoonmaker, J.M. Reecy, D. Moody-Spurlock, **J. Minick-Bormann**, K.J. Koehler, and D.C. Beitz. 2009. Genetic regulation of milk fatty acid composition: developing tools for use in selection. J. Anim. Sci. 87(E-Suppl. 3):12(Abstr).
71. Nafikov, R.A., J. P. Schoonmaker, J. M. Reecy, D. Moody-Spurlock, **J. Minick-Bormann**, K.J. Koehler, and D. C. Beitz. Polymorphisms in lipogenic genes and variations in milk fatty acid composition in Holstein dairy cows. J. Anim. Sci. 87(E-Suppl. 2):45(Abstr.).
72. *NALF. 2008. International Limousin Genetic Evaluation Manual. Fall ed. North American Limousin Foundation, Englewood, CO. Available: http://www.nalf.org/programs/programs.html.
73. *NALF. 2008. International Limousin Genetic Evaluation Manual. Spring ed. North American Limousin Foundation, Englewood, CO.
74. *NALF. 2009. International Limousin Genetic Evaluation Manual. Fall ed. North American Limousin Foundation, Englewood, CO.
75. *NALF. 2009. International Limousin Genetic Evaluation Manual. Spring ed. North American Limousin Foundation, Englewood, CO.
76. *Nkrumah, J.D**., D.J. Garrick**, R.L. Fernando, S. Northcutt, B. Bowman, B.W. Woodward, S.W. Bauck, D. Vasco,

T.M. Taxis, M.M. Rolf, J.E. Decker, J.W. Kim, M.C. McClure, S.D. McKay, R.D. Schnabel, J.F. Taylor. 2009. Alternative methods for selecting SNP panels to predict marbling in Angus cattle. . Late breaking abstract of the joint ASAS/ADSA/CSAS meeting held in Montreal, Canada, 11 July, 2009.
77. Nkrumah, J.D., **B.W. Woodward**, J.A. Basarab, and G.E. Carstens. 2008. Genetic and phenotypic relationships between multi-marker molecular breeding values for feed intake and feed efficiency with their component traits in beef cattle. Can. J. Anim. Sci. 89:128.
78. Nkrumah, J.D., **B.W. Woodward**. 2008. Validation of multiple marker DNA profiles for carcass merit across multiple populations of beef cattle. J. Anim. Sci. 86:360, E-Suppl. 2.
79. Nkrumah, J.D., **B.W. Woodward**. 2008. Multiple marker DNA profiles for production, fertility and functional traits in Holstein cattle. J. Dairy Sci. 91:360, E-Suppl. 1.
80. Nkrumah, J.D., **B.W. Woodward**, and S.W. Bauck. 2009. Application of data mining techniques and DNA marker genotypes to predict feedlot performance. In: Proc. Plant and Animal Genome, PAG XVII, San Diego, CA.
81. Pendley, C. T., C. M. McAllister, S. E. Speidel, **D. H. Crews, Jr**., J. D. Tatum, and R. M. Enns 2009. Relationships between calving ease EPD and progeny carcass performance. Proceedings, Western Section, American Society of Animal Science 60:31-33.
82. *Pepper, A. R., R. M. Enns, R. l. Weaber, H. Van Campen, G. H. Loneragan, J. L. Salak-Johnson, C. C. L. Chase, R. K. Peel, J. J. Wagner, **D. H. Crews, Jr**., and E. J. Pollak. 2009. Relationships of exit velocity and average chute score with carcass traits in feedlot steers. Proceedings, Western Section, American Society of Animal Science 60:34-37.
83. *Pepper, A. R., R. M. Enns, **R. L. Weaber**, H. Van Campen, G. H. Loneragan, J. L. Salak-Johnson, C. C. L. Chase, R. K. Peel, J. J. Wagner, D. H. Crews, Jr., and E. J. Pollak. 2009. Correlations of exit velocity and average chute score with carcass traits in feedlot steers. J. Anim. Sci. Vol. 87(E-Suppl. 3): 139. (Abstr.)
84. *Pollak, E. J., R. M. Thallman, **M. L. Spangler**, S. Kachman, K. Hanford, and B. M. K. Long. 2009. Genomics Project in Growth Traits in Beef Cattle. Proc. BeefImprovement Federation Annual Meeting.
85. Pompeu, L. B., J. E. Williams, D. E. Spiers, R. L. Weaber, M. R. Ellersieck, K. M. Sargent, N. P. Feyerabend, H. L. Vellios, and F. Evans. 2009. Tasco Alleviation of Heat Stress in Dairy Cows. J. Anim. Sci. Vol. 87(E-Suppl. 2): 82. (Abstr.)
86. Pszczola, M., I. Aguilar, **and I. Misztal**. 2009. Short Communication: Trends for Monthly Changes in Days

Open in Holsteins. J. Dairy Sci. 92:4689 4696.

87. Rolf, M. M., J. F. Taylor, R. D. Schnabel, and **R. L. Weaber**. 2008. Evaluation of Model Predicted Feed Intake Data for Genetic Analysis and QTL Discovery in Beef Cattle. Plant and Animal Genome Meeting, January 2009.
88. Sánchez, J. P., R. Rekaya and **I. Misztal**. 2009. Reaction norm models subject to threshold response. Genet. Sel. Evol.41:10, doi:10.1186/1297 9686 41 10.
89. Sánchez, J. P., **I. Misztal** , I. Aguilar, B. Zumbach, and R. Rekaya. 2009. Genetic determination of the onset of heat stress on daily milk production in the US Holstein cattle. J. Dairy Sci. 92: 4035 4045.
90. Seangjun, A., S. Koonawootrittriron, and **M. A. Elzo**. 2009. Characterization of Lactation Patterns and Milk Yield in a Multibreed Dairy Cattle Population in the Central Region of Thailand. Kasetsart J. (Nat. Sci.) 43:74-82.
91. Shin, J., B. Li**, M. E. Davis**, Y. Suh, and K. Lee. 2009. Comparative analysis of fatty acid-binding protein 4 promoters: Conservation of peroxisome proliferator-activated receptor binding sites. J. Anim. Sci. 87:3923-3934.
92. Snellgrove, L., T. A. Hoagland, G. W. Kazmer, M. E. Davis, D. Schrieber, and S. A. Zinn. 2007. Follicle numbers on the ovaries of cows selected for high and low IGF. J. Anim. Sci. 85 (Suppl. 1):530.
93. Snelling, W. M., Allan, M. F., Keele, J. W., Kuehn, L. A., McDaneld, T. G., Smith, T. P., Sonstegard, T. S., **Thallman, R. M**., and Bennett, G. L. Genome-Wide Association Study of Growth in Crossbred Beef Cattle. 2009. J. Anim. Sci. (Submitted 6/30/09).
94. ***Spangler, M. L.,** K. R. Robbins, M. D. MacNeil, J. K. Bertrand, and R. Rekaya. 2009. Ant colony optimization as an alternative method for genotype sampling. Animal Genetics DOI: 10.1111/j.1365-2052.2008.01835.x.
95. **Spangler, M. L**., and D. W. Moser. 2009. Real-time ultrasound: What does image quality mean to genetic evaluations. Proc. Annual Beef Improvement Federation Meeting.
96. ***Spangler, M. L**., S.P. Greiner, T.D. Pringle, J.R. Rumph, D.R. Strohbehn, and W.D. Busby. 2009. Ultrasonically measured ribeye area in beef cattle: A look into the relationship between image quality and prediction bias. J. Anim. Sci. 87 (Suppl. 3) (Abstr.)
97. **Spangler, M. L**. 2009. Using Information to Make Informed Selection Decisions. Proc. Range Beef Cow Symposium.
98. *Speidel, S. E., R. M. Enns, and **D. H. Crews, Jr**. 2009. Genetic analysis of longitudinal data in beef cattle: A review. Genetics and Molecular Research (Accepted).
99. Strandén, I., and **D.J. Garrick**. 2009. Technical note: Derivation of equivalent computing algorithms for genomic predictions and reliabilities of animal merit. J. Dairy Sci. 92:2971-2975.
100. **Thallman, R. M**., Kuehn, L. A., Allan, M. F., Bennett, G. L., and Koohmaraie, M. 2008. Opportunities for collaborative phenotyping for disease resistance traits in a large beef cattle resource population. Developments in Biologicals 132:327-330.
101. Tsuruta, S., **I. Misztal**, C. Huang, and T. J. Lawlor. 2009. Bivariate Analysis of Conception Rates and Test Day Milk Yields Using A Threshold Linear Model with Random Regressions. J. Dairy Sci. 92: 2922 2930.
102. Vergara, O. D., M. F. Ceron, **M. A. Elzo**, and E. M. Arboleda. 2009. Weaning weight and post-weaning gain in a Blanco Orejinegro-Romosinuano-Angus-Zebu multibreed cattle population in Colombia. Livest. Sci. 124:156-162.
103. Vergara, O. D**., M. A. Elzo**, and M. F. Ceron. 2009. Genetic parameters and genetic trends for age at first calving and calving interval in a Angus-Blanco Orejinegro-Zebu multibreed cattle population in Colombia. Livest. Sci. 126:318-322.

104. Vergara, O. D. , **M. A. Elzo**, M. F. Ceron, and E. M. Arboleda. 2009. Genetic parameters and genetic trends for pre and postweaning growth in a Colombian Blanco Orejinegro-Romosinuano-Angus-Zebu cattle population. J. Anim. Sci. 87 (E-Suppl. 2):17.
105. Vergara, O. D. **, M. A. Elzo**, and M. F. Ceron. 2009. Heritabilities, genetic correlations, and genetic trends for age at first calving and calving intervals in a Colombian Blanco Orejinegro-Angus-Zebu cattle population. J. Anim. Sci. 87 (E-Suppl. 2):16-17.
106. Ward, Rebecca E., **Brent Woodward**, Nigel Otter, and Olena Doran. 2010. Relationship between the expression of key lipogenic enzymes, fatty acid composition, and intramuscular fat content of Limousin and Aberdeen Angus cattle. Lvstk. Sci. 127 22-29.
107. ***Weaber, R. L**. and R. M. Enns. 2009. Managing genetic antagonisms between economically important beef production traits and marbling. J. Anim. Sci. Vol. 87(E-Suppl. 2):185. (Abstr.)
108. **Weaber, R. L.** and J. L. Lusk. 2009. Defining the Value of Genome-Enabled Improvement and Precision Management of Beef Tenderness. Submitted to Cattlemen's Beef Board. 48 pages.
109. **Weaber, R. L.** 2008. Genetic Prediction of Temperament in Beef Cattle. Proc. Beef Improvement Federation 9th Genetic Prediction Workshop-Molecular Approaches to Genetic Improvement. December 8-10, 2008, Kansas City, Missouri.
110. Williams, J.L., **D.J. Garrick** and S.E. Speidel. 2009. Reducing bias in maintenance energy EPD by accounting for selection on weaning and yearling weights. J. Anim. Sci. 87:1628-1637.
111. **Woodward, B.W**., and J.D. Nkrumah. 2009. Development and validation of SNP markers comprising the IGENITY® profile for carcass traits and ADG in beef cattle. J. Anim. Sci. 87:532, E-Suppl. 2.
112. **Woodward, B.W**., J.D. Nkrumah, P.A. Lancaster, G.E. Carstens, and D.J. Johnston. 2009. Development and independent validation of SNP markers comprising the IGENITY® profile for feed intake and efficiency in indicus-influenced beef cattle. J. Anim. Sci. 87:532, E-Suppl. 2.
113. Zumbach, B., **I. Misztal**, C.Y. Chen, S. Tsuruta, M. Lukaszewicz, W.O. Herring, and M. Culbertson. 2009. Use of serial pig body weights for genetic evaluation of daily gain. J. Animal Breed. Genet. (Accepted)