VI. **Publications:**

*Refereed Journal Articles:*

1. Amorim, S. T., K. J. Retallick, A. Garcia, N. Ibañez-Escriche, and G. Morota. 2025. Genetic Heterogeneity of Residual Variance for Foot Score Traits in American Angus Cattle. *Journal of Animal Breeding and Genetics*. 0:1–11. doi:10.1111/JBG.12949.
2. Kelly, A.M., W.C. Rusche, F.L. Francis, M.G. Gonda, C.L. Wright, and Z.K. Smith. 2024. Dietary management strategies to mitigate decreased feed intake associated with terminal implant administration in finishing beef steers. American Journal of Animal and Veterinary Sciences. 19(4): 360-70. <https://doi.org/10.3844/ajavsp.2024.360.370>
3. Baker, E.C., D.G. Riley, R.C. Cardoso, T.B. Hairgrove, C.R. Long, R.D. Randel, and T.H. Welsh, Jr. 2024. Assessment of prenatal transportation stress and sex on gene expression within the amygdala of Brahman calves. Biology 13:915. <https://doi.org/10.3390/biology13110915>
4. Earnhardt-San, A.L., E.C. Baker, K.Z. Cilkiz, R.C. Cardoso, N. Ghaffari, C.R. Long, P.K. Riggs, R.D. Randel, D.G. Riley, and T.H. Welsh, Jr. 2025. Evaluation of prenatal transportation stress on DNA methylation (DNAm) and gene expression in the hypothalamic–pituitary–adrenal (HPA) axis tissues of mature Brahman cows. Genes 16:191. <https://doi.org/10.3390/genes16020191>

*Proceedings:*

1. Saad, H.M., J.L. Foster, D.G. Riley, A.D. Herring, and A.D. Sandell. 2024. Innovative technologies in livestock phenotyping: The integration of boluses and GPS collars at Texas A&M AgriLife Research—Beeville station. Proc. 70th Annual Texas A&M Beef Cattle Short Course. Pages 298 to 309.
2. Sandell, A.D., H.M. Saad, J.L. Foster, and D.G. Riley. 2024. Heat tolerant cattle performance and grazing trait analysis at the Texas A&M AgriLife Research Beeville Station. Proc. 70th Annual Texas A&M Beef Cattle Short Course. Pages 306 to 310.
3. Herring, A.D., J.O. Sanders, B.M.B. Burns, C.A. Gill, P.K. Riggs, and D.G. Riley. 2024. Considerations of reciprocal effects among Bos indicus-Bos taurus crosses for global beef value chains. Proc. 70th Annual Texas A&M Beef Cattle Short Course. Pages 311 to 320.

*Abstracts:*

1. Herring, A.D., J.O. Sanders, C.A. Gill, P.K. Riggs, and D.G. Riley. 2024. The role of non-traditional inheritance patterns among Bos indicus-Bos taurus crosses for global beef value chain considerations. J. Anim. Sci. 102(Suppl. 3): 84–85(Abstr.). https://doi.org/10.1093/jas/skae234.094
2. Zhang, N., C. A. Gill, P. K. Riggs, A. D. Herring, J. O. Sanders, and D. G. Riley. 2024. XWAS using multi-generational data from crossbred Bos indicus-Bos taurus cattle. In: Proc. 7th Int. Conf. Quant. Genet. Inst. Sci. Tech. Austria. p 204-205 (Abstr.). https://icqg2024.pages.ist.ac.at/wp-content/uploads/sites/268/2024/08/7th-International-Conference-of-Quantitative-Genetics-Abstract-Book.pdf

*Refereed Journal Articles Under Review:*

1. Amorim, S. T., K. J. Retallick, A. Garcia, N. Ibañez-Escriche, and G. Morota. 2025. Genetic Heterogeneity of Residual Variance for Growth Traits in American Angus Cattle. *Genetics Selection Evolution*.
2. Amorim, S. T., N. B. Stafuzza, D. C. Cifuentes, J. G. N. Moraes, B. R. dos Reis, R. Messmann, L. Camaripano, and F. Baldi. Genomic study for pregnancy loss in Brahman cattle. Journal of Animal Science*.*

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1. Amorim, S. T., N. B. Stafuzza, D. C. Cifuentes, J. G. N. Moraes, B. R. dos Reis, R. Messmann, L. Camaripano, and F. Baldi. Genomic study for pregnancy loss in Brahman cattle. *2025 American Society of Animal Science*.
2. Bis, F. C., F. E. Carvalho, C. A. Almeida, H. B. dos Reis, S.T. Amorim, N. B. Stafuzza, E. C. de M. Oliveira, M. P. Negreiros, J. B. S. Ferraz, and F. Baldi. Weighted single-step genome-wide association study for pregnancy loss in Nelore heifers. *2025 Brazilian Symposium of Animal Breeding (SBMA)*.
3. Anema, R.F., J.J. Block, K.C. Olson, K.R. Underwood, R.N. Funston, A.D. Blair, and M.G. Gonda. 2025. Effect of maternal protein restriction in primiparous heifers during mid- or late gestation on progeny gene expression in *longissimus dorsi* muscle. Plant and Anima Genome Meeting, San Diego, CA.
4. Viskupič, F., D. Wiltse, M. Gonda, and R. Daly. 2025. Partial spillover of COVID-19 vaccination decisions onto cattle vaccination practices: Evidence from a survey of South Dakota beef producers. Nanovax 2025 Conference, Ames, IA.