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Name	Dr/CHRILUKOVIAN B. WASIKE
Qualification	Dr. rer. Agr. (Animal Genetics and Breeding), Humboldt University of Berlin, Germany MSc. Animal Production (Genetics and Breeding option), Egerton University, Kenya BSc. Animal Production, Egerton University, Kenya
Picture (JPEG or better)	
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Brief Bio	<p>Dr. Chrilukovian Bwire Wasike is a Lecturer and Chairman of the Department of Animal Science. He obtained his Dr.rer.Agr in Animal Breeding and Genetics, at Humboldt University of Berlin, Germany and was a Postdoctoral Fellow at the Department of Animal Science, Egerton University on a Project to strengthen capacity for participatory management of indigenous livestock to foster agricultural innovation in Eastern, Southern and Western Africa (iLINOVA). He is a member of the Animal Production Society of Kenya as well as American Society of Animal Science (ASAS). His research includes genetic analyses of complex traits for enhanced functional efficiency in dairy, beef, swine and Poultry species as well as genetic evaluation of male fertility and its influence on efficiency of livestock breeding programs. Dr. Wasike is a reviewer for Tropical Animal Health and Production, Journal of Dairy Research, Journal of Animal Science and South African Journal of Animal Science. He teaches Population and Quantitative Genetics, and Animal Breeding at the Undergraduate level, Population Genetics, Genetic Evaluation of Farm Animals, and Statistical Computing and Data Management in R at the post-graduate level. He has authored 2 book and (co)-authored over 40 peer reviewed research publications. His notable awards include DAAD Research Fellowship at Humboldt University of Berlin and the Norman Borlaug fellowship at The American Institute for Goat Research, Langston University. Dr. Wasike has consulted for the Livestock Recording Centre of the Ministry of Agriculture, Livestock and Fisheries, Kenya and ILRI on animal genetic improvement related projects.</p>
Current Research: We also need past research activities	<p>Current research</p> <p>Enhancing productivity and resilience of Sahiwal based pastoral dairy systems through accelerated genetic gains and reproductive technologies</p> <p>Improving smallholder farm livelihoods through climate smart community based dairy goat management practices</p> <p>Selected Past research</p> <p>Efficient utilisation of pedigree and performance data on genetic improvement of beef and dairy cattle genetic resources in Kenya</p>

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	<p>Improving Indigenous Chicken Productivity for Enhanced Livelihood and Food Security in Sub-Saharan Africa (InCIP)</p> <p>Strengthening Capacity of Higher Education Institutions in Eastern and Western Africa to Enhance Efficiency in the Dairy Value Chain (DairyChain)</p> <p>Strengthening capacity for participatory management of indigenous livestock to foster agricultural innovation in Eastern, Southern and Western Africa (iLINOVA)</p> <p>Influence of genotype and metagenomics analysis of indigenous chicken of Kenya; comparative analysis and functional inference for immune competence</p>
<p>Publications:</p>	<p>Journal Publications in the last 10 years</p> <ol style="list-style-type: none"> 1. Kahi A.K. and Wasike C.B. 2019. Dairy goat production in sub-Saharan Africa: current status, constraints and prospects for research and development. <i>Asian-Australasian Journal of Animal Sciences</i> 32:1266-1274 https://doi.org/10.5713/ajas.19.0377. 2. Odhiambo, C.O., Wasike, C.B. and Ogindo, H.O. 2019 Effect of Socio-Demographic Characteristics on Kenyan Smallholder Dairy Farmers' Adaptive Strategies to Climate Change Effects. <i>Atmospheric and Climate Sciences</i>, 9, 583- 599. https://doi.org/10.4236/acs.2019.94037 3. Odhiambo, C.O., Ogindo, H.O., Wasike, C.B. and Ochola, W.O. 2019. Adaptation of Smallholder Dairy Farmers in South Western Kenya to the Effects of Climate Change. <i>Atmospheric and Climate Sciences</i>. 9: 456-478. https://doi.org/10.4236/acs.2019.93031. 4. Miyumo, S., Wasike, C.B. and Kahi, A.K. 2018. Genetic and phenotypic parameters for feed efficiency in indigenous chicken in Kenya. <i>Livestock Science</i> 207, 91–97 5. Wambui, C.C., Njoroge, E.K. and Wasike, C.B. 2018. Characterisation of physical egg qualities in indigenous chicken under free range system of production in Western Kenya. <i>Livestock Research for Rural Development</i>. Volume 30, Article #122. Retrieved July 9, 2018, from http://www.lrrd.org/lrrd30/7/wambu30122.html 6. Mose P.B., Wasike C.B., Ombok B.O. and Kipsat M.J. 2018. Farmers' attitude towards risk on indigenous chicken in Nyanza region. <i>Journal of Agricultural Economics and Rural Development</i>, 4(2), 469-476 7. Mose P.B., Wasike C.B., Ombok B.O. and Kipsat M.J. 2018. Attitude of indigenous chicken farmers towards agricultural insurance in Nyanza, Kenya. <i>Journal of Development and Agricultural Economics</i>, 10(5), 146-151 8. Khobondo J.O., Mwakubambanya, R., Wasike, C.B. and Kahi, A.K. 2017. Genetic and non-genetic sources of variation in natural antibodies titre values among indigenous chicken. <i>American Journal of Research Communication</i>, 5(7), 31- 45 9. Namasaka, F.W., Mondoh, H.O. and Wasike, C.B. 2017. Effects of sequential teaching methods on retention of knowledge in biology by secondary school students in Kenya. <i>European Journal of Education Studies</i>, 3 (5), 716- 735, doi: 10.5281/zenodo.574666 10. Wasike, C. B., Rolf, M., Silva, N. C. D., Puchala, R., Sahlu, T., Goetsch, A. L. and Gipson, T. A. 2016. 1683 Genome-wide association analysis of residual feed intake and milk yield in dairy goats. <i>Journal of Animal Science</i>, 94, suppl5, p820, doi:10.2527/jam2016-1683

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11. Miyumo, S., Kahi, A.K. and **Wasike C.B.** 2016. Non-genetic sources of variation and temporal variability in growth and feed efficiency traits among phylogenetically distinct clusters of indigenous chicken in Kenya. *Tropical Animal Health and Production*, 48 (8), 1569–1575, doi: 10.1007/s11250-016-1129-z.
12. Namasaka, F.W., Mondoh H.O. and **Wasike, C.B.** 2016. Effects of Sequential Teaching Methods on Achievement of Knowledge of Biology by Secondary School Students in Kenya. *IAARD-International Journal of Social Sciences, Arts and Humanities*, 2016, 2(2), 50-55.
13. Khobondo, J.O., Makubambanya, R., **Wasike, C.B.** and Kahi, A. K. 2016. Variation and Repeatability of Natural Antibodies against Keyhole Limpet Hemocyanin of Indigenous Chicken of Kenya. *Genomics and Applied Biology*, 7(4): 1-8, doi:10.5376/gab.2016.07.0004.
14. Ojango, J.M.K, **Wasike, C.B.**, Enahoro, D.K. and Okeyo, A.M. 2016. Dairy production systems and the adoption of genetic and breeding technologies in Tanzania, Kenya, India and Nicaragua. *Animal Genetic Resources*, 59, 81–95, doi:10.1017/S2078633616000096
15. **Wasike, C. B.** 2015. A procedure for on-farm valuation of East Coast Fever management in dairy cattle systems: a case of Coastal lowlands of Kenya. *Livestock Research for Rural Development*. Volume 27, Article #197. Retrieved, from <http://www.lrrd.org/lrrd27/10/wasi27197.html>
16. Khobondo, J. O., Muasya, T. K., Miyumo, S., Okeno, T. O., **Wasike, C. B.**, Makubambanya, R., Kingori, A. K. and Kahi, A. K. 2015. Genetic and Nutrition development of indigenous chicken in Africa. *Livestock Research for Rural Development*. Volume 27, Article #122. Retrieved, from <http://www.lrrd.org/lrrd27/7/khob27122.html>
17. **Wasike, C. B.**, Kahi, A.K. and Peters, K. J. 2014. Genetic relationship between lactation curve traits in the first three parities of dairy cattle in Kenya. *South African Journal of Animal Science* 44:3, 245–253
18. Khobondo, J.O., Okeno, T.O., Lihare, G.O., **Wasike, C. B.** and Kahi, A. K. 2014. The past, present and future genetic improvement of indigenous chicken of Kenya. *Animal Genetic Resources* 55, 125–135
19. Wasike, C. B., Kahi, A. K. and Peters, K. J. 2011. Modelling of lactation curves of dairy cows based on monthly test day milk yield records under inconsistent milk recording scenarios. *Animal* 5:11, 1780–1790.
20. Wasike, C. B., Magothe, T. M., Kahi, A. K. and Peters, K. J. 2011. Factors that influence the efficiency of beef and dairy cattle recording system in Kenya: A SWOT-AHP analysis. *Tropical Animal Health and Production* 43,141-152.
21. Wasike, C. B., Kahi, A. K. and Peters, K. J. 2011. A participatory approach to evaluation of efficiency of animal recording practices based on Institutional Analysis and Development framework. *Journal of Agricultural Science* 149, 103- 117.
22. Wasike, C. B., Peters, K. J., Magothe, T. M. and Kahi, A. K. 2010. Non-genetic sources of variation in lactation curve traits of dairy cattle in Kenya. *East African Agricultural and Forestry Journal* 76,155-160.

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	<p>23. Kariuki, C. M., Ilatsia, E. D., Wasike, C. B., Kosgey, I. S. and Kahi, A. K. 2010. Genetic evaluation of growth of Dorper sheep in semi-arid Kenya using random regression models. Small Ruminant Research 93, 126–134.</p>
Attachment	<p>Full CV (align to the provided format)</p>
Digital Footprint	<p>e.g. Link to personal website if available.</p>