



Dr. Kamatara Kanifa
Lecturer / Animal Scientist
Tel: +256 701177420
Email: Kanifa.kamatara@mak.ac.ug
Facebook Kamatara Kanifa
Twitter @Kamatara

Address

College of Agricultural and Environmental Sciences,
School of Agricultural and Environmental Sciences,
Department of Agricultural Production
Makerere University, P. O. Box 7062,
Kampala Uganda

About/Introductory statement

Kamatara holds a Doctorate in Agriculture with a specialization in meat Science. She possesses over 10 years of experience in Animal Science research with emphasis on utilization of indigenous cattle and goat breeds for enhanced production of quality meat. In addition to research, Kamatara teaches and supervises both postgraduate students.

Qualifications

- **2021** -PhD in Agriculture (Meat Science), Makerere University.
- **2011** -MSc Animal Science, Makerere University.
- **2006** -BSc Agriculture (Animal Science option), Makerere University.

Biography

Kamatara Kanifa has worked at Makerere University for over 10 years and is currently lecturing Livestock production systems. Kamatara conducts research in slaughterhouse practices, carcass grading and meat quality assessment with an emphasis on eating. She worked with Uganda Cooperative Alliance as a Production and Marketing Officer. She offers expertise on animal genetic-nutrition and slaughter-post-mortem handling interactions on meat quality. She has supervised 6 undergraduate students to completion and currently supervising 3 PhD students. She was published in peer reviewed journals and a reviewer to 2 international journals.

Other Activities

- Association of Uganda Professional Agriculturalists (ASUPA)-Member
- Uganda Society of Animal Science-Member
- Makerere University Farmers Association (MUFA)-Member
- South Africa Society of Animal Science-Journal Reviewer
- Scientific African-Journal Reviewer

Teaching

- Introductory Livestock Management
- Poultry management I
- Applied Poultry Management
- Dry season feeding and forage conservation
- Beef and rangeland management

Research Projects

- CAGOV Project 2021. Catalyzing Goat Value Chains to Increase Climate Resilience, Incomes and Assets of Smallholder farmers and Urban Youths in West Nile CCGS/6/LV07/21 - **Participating Scientist**.
- HEPANUT-Project 2021. Estimating intake of cattle grazing heterogeneous pastures using Near Infrared Reflectance Spectrophotometry (NIRS) for improved nutrition management and productivity of pasture-based systems. Government of Uganda Research and Innovation Fund. **Participating Scientist**.
- IGMAFU-meat project, 2013-2017. Income generation through market access and improved feed utilization - production of quality beef and goat meat. DANIDA –ENRECA Project. **PhD student**
- Effect of finishing system and post-mortem carcass treatment on carcass and meat quality of selected beef cattle genotypes in Uganda-Carnegie Cooperation of New York. Data collection grant 2013.

Fellowships

- **Agricultural policy fellowship awardee, 2021.** Enhancing the Capacity of Young Scientists to Engage in Agricultural and Food Security Policy Processes in East Africa. AgriFose2030.
- International Congress Hidden Hunger Fellowship, University of Hohenheim (2017).

Community based work

1. Educate an Orphan- Member.
2. Byakala-Twezimbe women's group of Kabanyolo-Gayaza. Secretary
3. Greater Bushenyi Muslim Education committee. Advisory Member

Publications

1. Asizua, D., Mpairwe, D., Kabi, F., Mutetikka, D., **Kamatara, K.**, Hvelplund, T. Weisbjerg, M.R., Mugasi, S.K. and Madsen, J. 2014. Growth performance, carcass and non-carcass characteristics of Mubende and MubendexBoer crossbred goats under different feeding regimes. *Livestock Science*, 169: 63-70.
2. K. Kamatara, D. Mpairwe, M. Christensen, D.

- Mutetikka and J. Madsen. Influence of age and carcass suspension method on meat quality attributes of pure bred Ankole bulls. *Livestock Science*, 2014, 167:175-179.
3. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka and J. Madsen. Effect of finishing system on Carcass characteristics and composition of Mubende goats and Boer crossbreds. *South African Journal of Animal Science* 2013, 43 Issue 5 Supplement 1. Pp 111-115
 4. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka and J. Madsen. Sensory characteristics and tenderness of meat from Ankole bulls - influence of crossbreeding and feeding system. *South African Journal of Animal Science* 2013, 43 Issue 5 Supplement 1. Pp 107-110
 5. D.R. Kugonza, K. Kamatara, D. Nabakabya and S.Kikonyogo. Effect of bee hive type and tree shade on colonization rate and pest prevalence on honey bee (*Apis mellifera*) colonies in central Uganda. *African Journal of Animal and Biomedical Sciences* 4 (2) 2009.

Conference proceedings

1. K. Kamatara. Carcass composition of indigenous cattle: Influence of feeding system. Presented at the 3rd International Congress on Hidden Hunger, Stuttgart Germany. 20-22nd March, 2017 at Movenpick Hotel Stuttgart Airport.
2. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka, D. Asizua and J. Madsen. Influence of finishing duration of supplemented grazing animals on meat quality of selected beef breeds in Uganda. Presented at the Mak-Sida International Research and Innovations Dissemination Conference. 20th -21st April, 2015, Hotel African Uganda. Book of Abstracts.
3. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka and J. Madsen. Eating quality of meat from Mubende goats and their Boer crossbreds. A paper presented at the 35th Tanzanian Animal Science Production Conference, 23rd-26th October 2012. Arusha Tanzania.
4. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka and J. Madsen. Water holding capacity and sensory attributes of meat from Mubende goats and their Boer crossbreds: effects of genotype and feeding system (Presented at the Tanzanian Society of Animal Science Annual Conference, 23rd -26th October, 2012, Olasit Garden, Arusha Tanzania).

5. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka and J. Madsen. Meat eating quality of Ankole cattle. A paper presented at the 3rd Annual Makarere Research and Innovations Dissemination Conference, 11-12th April, 2011 at Hotel African Uganda. Book of Abstracts.
6. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka and J. Madsen. Carcass characteristics and meat quality of pure bred Ankole cattle and their Boran and Friesian crossbreds finished in a feedlot. Paper presented at All Africa Animal Agriculture, Adis Ababa, 24-29th October, 2010.
7. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka and J. Madsen. Meat quality attributes of Ankole cattle and their Boran and Friesian crossbreds. Paper presented at the 55th International Congress of Meat Science and Technology, at the International Conference Services Bella Centre Copenhagen, Denmark 16th -21st August, 2009.
8. K. Kamatara, D. Mpairwe, M. Christensen, D. Mutetikka and J. Madsen. Effect of genotype and dietary treatment on pH, carcass characteristics and composition of Mubende goats and their Boer crossbreds. Presented at the 10th World Conference on Animal Production, Cape Town South Africa. 24th-27th November, 2008.