


	Add your information to this column. If you don't have research/teaching roles or publications, please add "n/a" in those fields.
Photograph	
Full name including title	Donald Rugira-KUGONZA Dr.; Associate Professor
Staff ORCID ID	http://orcid.org/0000-0002-4873-6637
Staff ID Number	0231.11.1053
Unit under DAP	Animal Science
Contact Telephone number	+256 (0) 782874551 / 0750874550
Email address	rugira.kugonza@mak.ac.ug ; donkugonza@gmail.com
Social media accounts	Twitter: https://twitter.com/DonaldKugonza LinkedIn: https://www.linkedin.com/in/donald-rugira-kugonza-phd-msc-mba-a3abab3b/ Facebook: https://www.facebook.com/donald.kugonza Instagram: https://www.instagram.com/donkugonza/ Personal website: https://rugirakugonza.com/
Address	College of Agric. & Env. Sciences (CAES) / School of Agricultural Sciences (SAS) / Department of Agricultural Production (DAP); School of Agricultural Sciences Building, Makerere University (MAK), Kampala, Uganda, Postcode: 7062
About/Introductory statement	Donald Rugira Kugonza Akiiki is an Animal Scientist with BSc. Agriculture honours degree (1997), M.Sc. Agriculture (Animal Science) (2003), Doctorate of Philosophy (PhD) in Animal Breeding and Genetics (2010) from Makerere University, and a first class Master of Business Administration (MBA) <i>summa cum laude</i> from the prestigious Amity Business School (2016). He is an Associate Professor teaching animal breeding, genetics, animal agriculture and

	<p>apiculture courses. He is also an Adjunct Professor of BioSciences at Chandigarh University in India. He coordinates the Service Learning Internship Program, a 15-year collaboration between Makerere University and Iowa State University, USA. His major research interests are in conservation and performance improvement of African Animal Genetic Resources. He is Chairperson of Management/Advisory Boards of several national and regional organisations including: the National Livestock Resources Research Institute (NaLIRRI) of NARO; the Fisheries Training Institute (FTI); the Uganda National Bureau of Standards (UNBS) Technical Committee (TC2/SC14) on Apiculture & Apiculture Products. He is President of the Association of Uganda Professional Agriculturalists (ASUPA); and is member of the African Union-InterAfrica Bureau for Animal Resources (AU-IBAR) Taxonomy Advisory Group and member of the African Technology and Innovation Incubators Advisory Committee (ATIAC); the Uganda Society of Animal Sciences (USAS). He is an assiduous Editor of Elsevier's Scientific African Journal (SciAf), and Sub-editor for the South African Journal of Animal Science (SAJAS) and a regular reviewer for several high impact journals in his specializations. He has won several awards at national, regional and international level for research that impacts livelihoods and creates knowledge. His international engagement as a Uganda delegate at world events goes back 26 years when he rose to be a full-term Vice Chairman of the World Youth Forum after a vote by 113 countries.</p>
<p>Qualifications</p>	
<p>Biography</p>	<p>I am a passionate animal scientist, currently an Associate Professor of animal agriculture, apiculture, animal breeding and genetics at Makerere University and an Adjunct Professor of BioSciences at Chandigarh University, India. I get a rush from helping others succeed, a process catalyst, science mentor a change agent and have taught and mentored learners from all over the world. Am highly motivated and result-driven, with over 20 years of teaching, and an acclaimed extensive collaborative research engagement of 30 grants, and a prolific author of 3 books, 14 book chapters, 71 high impact journal papers, 65 conference papers that I presented in Japan, Sweden, New Zealand, Norway, Italy, India, USA, Egypt, South Africa etc. I have collaborated with over 195 scientists from over 100 institutions across the world focused on optimizing agricultural productivity through performance improvement of a wide array of several Animal Genetic Resources. I have extensively researched, published on and farmed pigs, goats, cattle and various poultry species; as well as possess international expertise in livestock breeding, genetics and apiculture. I have strongly contributed to agricultural policy in East and Central Africa by collaborating very closely under various platforms with the Association for Strengthening Agricultural Research in East and Central Africa (ASARECA). I won the 2019 Award for Outstanding Contribution to the Development of the Characterisation, Inventory and Monitoring Tool (AnGR-CIM-Tool) for Animal Genetic Resources of Africa under the patronage of the African Union Commission. In 2017, I won the Best Alumna Award for the Australia Africa Awards Course on Increasing the Development Impact of Agricultural Research (IDIAR). Recent fellowships won include: Evidence-informed Policymaking Fellowship by the European Commission (2018), Visiting Scientist Fellowship to Iowa State University, College of Agric. & Life Sciences (2013, 2017). I enjoy developing curricula that transform learners into doers and better citizens and have contributed to curricula for several tertiary education institutions in Uganda, Kenya and Rwanda. Am currently an Editor for Elsevier's journal <i>Scientific African</i>; a sub-Editor for the <i>South African Journal of Animal Sciences</i> as well as being an assiduous reviewer for Eight high impact journals in the discipline of Animal Science and Production. Mountaineering is my side passion and am looking forward to my eighth conquest, having cleared Mt. Kenya (1997), Uluguru Mts. (1999), Mt.</p>

	<p>Mgahinga (2013), Mt. Kilimanjaro (2014), Aberdare Ranges (2017), Mt. Muhabura (2020) among others. My publications on Research-Gate have over 182,300 reads/downloads from across the world, making me one of the most read about authors in Makerere during the recent years; and with almost 1000 Google Scholar citations & over 11,600 professional connections on LinkedIn, the rise is still on.</p>
<p>Other Activities</p>	<ol style="list-style-type: none"> 1. Fellow, Uganda National Academy of Sciences (UNAS), 2017-present 2. Chairman, Advisory Committee of the National Livestock Resources Research Institute (NaLIRRI) – National Agricultural Research Organisation (NARO) 2014-present 3. Chairperson, Governing Council, Fisheries Training Institute, Entebbe, Uganda (Representative of All Public Universities in Uganda on the Council). 2015-present 4. Chairperson, Uganda National Bureau of Standards (UNBS) Technical Committee (TC2/SC14) on Apiculture and Apiculture Products 2019-present 5. Sub-Regional Focal Person for Animal Genetic Resources, Association for Strengthening Agricultural Research in Eastern & Central Africa (ASARECA), 2017-present 6. Acting President & Member, Association of Uganda Professional Agriculturalists (ASUPA), 2021-present 7. Member, African Technology and Innovation Incubators Advisory Committee (ATIAC) for the African Union Commission 2020-present 8. Member, African Organization for Standardization (ARSO), Technical Committee ARSO/TC 02 Apiculture and Pollination Services, 2021-present 9. Member, Taxonomy Advisory Group for AnGR of the African Union-InterAfrica Bureau for Animal Resources (AU-IBAR), 2015-present 10. Acting Head of Department, Department of Agricultural Production, College of Agricultural & Env. Sciences, Makerere University, Occasional 11. Secretary, Masindi Avocado Farmers’ Cooperative Society Limited, 2021-present 12. Member, Feed Security Assessment Team, Ministry of Agriculture, Animal Industry and Fisheries (MAAIF, Uganda), 2021-present 13. Member, School Academic Board, School of Agricultural Sciences, 2013-present 14. Member, Forum for Agricultural Research in Africa (FARA), 2013-present 15. Member, Africa Society of Animal Production (AASAP), 16. Founder Member, African Animal Breeding Network (AABNet) 17. Member, Domestic Animal Diversity Network - DAD-Net (hosted by FAO), 18. Founder Member, Entomological Association of Uganda (EAU) 19. Founder Member, The Uganda National Apiary Development Organisation (TUNADO) 20. Member, The Uganda Society

	<p>21. Member, Uganda Society of Animal Science (USAS)</p> <p>22. Academia Representative, World Poultry Science Association - Uganda Branch</p> <p>23. Member, Advisory Group Network of the African Youth Movement – Committee on Agriculture, Technology and Economy, 2015-2019</p> <p>24. Member, Makerere University Agricultural Research Institute Kabanyolo (MUARIK) Policy Committee, Makerere University, 2014-2018</p> <p>25. Member, Anti-sexual Harassment Committee, Makerere University, 2009-2012</p> <p>26. Member, Faculty Board, Faculty of Agriculture, Makerere University, 1997-2013</p>
Teaching	<ul style="list-style-type: none"> • BSc Agriculture • BSc. Food Science and Technology • BSc. Forestry • Bachelor of Agricultural & Rural Innovation • Bachelor of Education • Bachelor of Animal Production and Management • Master of Science in Animal Science • Master of Science in Biomedical Technology
Research	<p>Format: Project Funder-Project Code - Project Title - Project Acronym - Duration</p> <p>1. <i>Sustainable Development Goals Fund</i> - Characterization, Production and Reproductive performance of the Small East Africa Zebu x Tyrolean Grey Cattle Crosses in Uganda’s Agro-ecological zones, 2022-2025</p> <p>2. <i>Austrian Development Cooperation + Austrian Partnership Programme in Higher Education and Research for Development (APPEAR)</i> - Finding the silver piglet: Best types of pigs for smallholder, medium size and commercial pig farms in Uganda – SilverPiglet – 2022-2025.</p> <p>3. <i>African Union Commission</i> - AURG-II/2/2018 - Marker-assisted Breeding of Selected Native Chickens in Mozambique and Uganda - Native Chicken project. 2019-2022</p> <p>4. <i>GoU & Makerere University Research and Innovation Fund 2020</i> - MAK RIF2/CHUSS/015 - Reversing under-five child malnutrition: multidisciplinary innovations to improve free-range chicken production and consumption, 2020-2022</p> <p>5. <i>International Livestock Research Institute (ILRI)</i> - CRP001113 - Improving Pig Productivity and Incomes through an Environmentally Sustainable and Gender Inclusive Integrated Intervention Package, 2019-2021</p> <p>6. <i>European Union & Ministry of Science, Technology & Innovation</i> - LEAP-AGRI-326 - Genetic Characterization of Cattle Populations for Optimized Performance in African Ecosystems (OPTIBOV), 2018-2022</p> <p>7. <i>GoU & Makerere University Research and Innovation Fund 2019</i> - MAK RIF1/CAES/009 - Integrating Assisted Reproductive Technologies and Elite Pig Genetics to Transform the Pig Value Chain in Uganda (IntARTs Genetics); 2019-2021</p>

- 8. National Agricultural Research Organisation (NARO) Competitive Grant Scheme (CGS) - CGS/2/16/14 - Establishing Boar Semen Centres and Database for Commercializing Liquid Boar Semen in Uganda; 2017-2018**
- 9. Regional Universities Forum for Research on Agriculture (RUFORUM) - RU-2015-GRG-122 - Incorporating Climate Smart and Fast Growth Traits to Transform the Local Chicken Value Chain in Uganda (SMART-Chickens); 2015-2017**
- 10. Regional Universities Forum for Research on Agriculture (RUFORUM) - RU-2015-GRG-123 - Enhancing Production and Incomes in the Honey Value Chain through Addressing the Challenges of Pests and Parasites of Honeybees in Uganda (Bee Health); 2015-2017**
- 11. Regional Universities Forum for Research on Agriculture (RUFORUM) - RU-2015-GRG-119 - Enhancing Commercial Production and Marketing of Local Chickens in Northern Uganda through Innovation Platforms (ECOPROMALI); 2015-2017**
- 12. National Agricultural Research Organisation (NARO) Competitive Grant Scheme (CGS) - CGS/2/16/14 - Improvement of Pig Productivity through Diversification of Piglet Nutrition Options and Up Scaling of Pig Artificial Insemination in Uganda; 2014-2016**
- 13. Regional Universities Forum for Research on Agriculture (RUFORUM) - RU-CGS-GRG-30-9-11 - Enhancing Local Chicken Productivity through Strategic Breeding and Nutrition Management in Northern Uganda (ELOCHIP); 2012-2014**
- 14. National Agricultural Research Organisation (NARO) Competitive Grant Scheme (CGS) - Participatory Development of the Strategies for Improving Kid Survivability amongst Goats of All Genotypes in the Extensive Production System of South-Western Uganda; 2010-2013**
- 15. Carnegie Corporation, New York - Influence of Management System on Growth and Carcass Characteristics of Ugandan Local Chickens; 2010-2012**
- 16. National Agricultural Research Organisation (NARO) - Integration of Efficient Chicken Management Strategies and Commercial Production into the Cash Economy of Smallholder Farmers in Lake Victoria Crescent Zone; 2010-2014**
- 17. Association for Strengthening Agricultural Research in Eastern & Central Africa (ASARECA) - Testing and Validation of Breed Survey Methodology, Socio-economic survey and characterization of Selected Indigenous Cattle of Eastern and Central Africa; 2009-2011**
- 18. Carnegie Corporation, New York - Development of an Improved Protocol for Processing and Handling of Honey in Uganda; 2009-2011**
- 19. National Agricultural Research Organisation (NARO) Competitive Grant Scheme (CGS) - Enhancing Smallholder Pig Productivity through Efficient Utilisation of Local Feed and Elite Pig Resources in the Lake Victoria Crescent; 2008-2010**
- 20. National Agricultural Research Organisation (NARO) Competitive Grant Scheme (CGS), Increasing Smallholder Pig Productivity: Integrated Approaches to Breeding, Feeding and Control of African swine fever; 2007-2009**
- 21. National Agricultural Research Organisation (NARO) Competitive Grant Scheme (CGS) - Socio-economic Impact Assessment of Goat Productivity Interventions and the Use of Innovative & Participatory Breeding Approaches in Uganda; 2007-2009**
- 22. National Agricultural Research Organisation (NARO) Competitive Grant Scheme (CGS) - Development of Honeybee Pest and Disease Control Methods to Improve the Quality of Honey and Other Hive Products in Uganda; 2007-2009**
- 23. Network of Ugandan Researchers and Research Users (NURRU) - Analysis of the Production & Marketing Channels of Local Chickens & their Products in Central Uganda; 2008-2009**
- 24. National Agricultural Research Organisation (NARO) Competitive Grant Scheme (CGS) - Improving Free Range Poultry**

	<p>Productivity in North West Uganda; 2007-2008</p> <p>25. African Institute for Capacity Development (AICAD) - Suckling Management and Feeding Strategies of Sows & their Litters in an Integrated Pig and Crop Production System on Smallholder Pig Farms; 2006-2008</p> <p>26. Promotion of Local Innovation / Centre of Development Research Network (ProLINNOVA/ CDRN) - Farmer Innovation in Incubation and Brooding on Smallholder Chicken Productivity: An On-Farm Evaluation in Wakiso district; 2004-2005</p> <p>27. Swedish Development Agency (Sida/SAREC) - Exploration of Honey, Wax and Propolis Productivity in Central Uganda; 2004-2005</p> <p>28. Swedish Development Agency (Sida/SAREC) - Weaning Strategies for Improving the Performance of Sows and Their Progenies under Smallholder Conditions; 2004-2005</p> <p>29. NORAD - Genetic Polymorphism, Pedigree Relationships and Selection Criteria of Ankole Cattle Populations of Uganda; 2003-2008</p> <p>30. DANIDA-ENRECA - Studies on Phenotypic Response to Population Screening Criteria of Indigenous Meat Goats in the Field in Uganda; 1998-2001</p>
<p>Research groups and Centres</p>	<p>Africa Native Chickens Research Group (NativeChickens) https://www.nativechicken.org/</p> <p>Optimised African Cattle Ecosystems Research (OPTIBOV) https://leap-agri.com/?page_id=291 ;</p> <p>Africa Society of Animal Production (AASAP), https://faraafrica.community/fara-net/aasap-aacaa7/join</p> <p>African Animal Breeding Network (AABNet) https://www.ctlgh.org/the-african-animal-breeding-network-aabnet/</p> <p>Domestic Animal Diversity Network - DAD-Net https://dgroups.org/fao/dad-net</p> <p>Entomological Association of Uganda (EAU)</p> <p>The Uganda National Apiary Development Organisation (TUNADO) http://tunadobees.org/</p>
<p>Community based work</p>	<ol style="list-style-type: none"> 1. Pig artificial insemination program that serves pig farmers in Uganda, Rwanda and Kenya. Over 10,000 pigs have been inseminated since 2001 with astounding results. 2. Radio Talk Show Presenter, Piggery and other livestock enterprises, Central Broadcasting Services, Mega FM (2010-present) 3. Trainer and Advisor for farmers of goats, cattle, pigs, chickens, and honey bees: Farmers are either hosted individually at my office or are visited at their farms. In several cases, farmers organize themselves into groups and are trained at their preferred locations. Such group trainings have been conducted in over 60 districts of Uganda (2000-present) 4. Masindi Avocado Farmers' Cooperative Society Limited. 5. Ambassador, Makerere University Retirement Benefits Scheme (MURBS): Participate in activities of the retirement benefits scheme; 2018-present 6. Coordinator, Makerere University/Iowa State University Service-Learning Program, (2010-present)
<p>Awards or special recognitions received</p>	<ol style="list-style-type: none"> 1. Certificate of Recognition, Facilitator for the Research Writing in the Sciences 6-week International Course by AuthorAID-INASP (2021) 2. Recognition Plaque for Outstanding Contribution to Development of Animal Genetic Resources CIM tool for Africa,

	<p>African Union Commission (2019)</p> <ol style="list-style-type: none"> 3. Evidence-informed Policymaking Seminar Fellowship, European Commission (2018) 4. Australia Africa Universities Network and Australia Africa Award Fellowship (2018) 5. Visiting Scientist, Iowa State University, College of Agric. and Life Sciences (2017) 6. Inducted as a Fellow of the Uganda National Academy of Sciences (UNAS) (2017) 7. Best Alumna Award, Australia Africa Awards Short-Course on Increasing the Development Impact of Agricultural Research (IDIAR) (2017) 8. International Congress Hidden Hunger Fellowship, University of Hohenheim (2015) 9. <i>Africa-wide Young Professionals in Science Award</i> (by CTA, FARA, IFS, RUFORUM, ANAFE, NEPAD & AGRA R4D Consortium) (2013) 10. Visiting Scientist, Iowa State University, College of Agric. and Life Sciences (2013) 11. Young Affiliate Nominee, Academy of Sciences for the Developing World (2012) 12. Best Exhibitor Award (Institutions Category), National Agricultural Show (2010) 13. International Atomic Energy Agency (IAEA) Fellowship (2004)
<p>Publications</p>	<ol style="list-style-type: none"> 1. Kugonza, D.R. 2022. Bee Keeping: Theory and Practice (2nd Edition). Fountain Publishers, Kampala. 461 pages. ISBN: 978-9970-02-965-5. 2. Beyihayo, G.A, Ndyomugenyi, E.K., Echodu, R. and Kugonza, D.R. 2022. <i>In-situ</i> morphological characterization of indigenous chicken Ecotypes in Uganda. <i>Ecological Genetics and Genomics</i> 24(2022) 100129; https://www.sciencedirect.com/science/article/abs/pii/S2405985422000180 3. Burikukiye, J.M., Ntahonshikira, C., Biryomumaisho, S. and Kugonza, D.R. 2022. Major health problems of the Boer goats introduced in Bugenyuzi agriculture and livestock research center, Karusi Province of Burundi. <i>Journal of Veterinary Research Advances</i>, 4(1): 09-12. https://jvra.org.in/archive/major-health-problems-of-the-boer-goats-introduced-in-bugenyuzi-agriculture-and-livestock-research-center-karusi-province-of-burundi 4. Burikukiye, J.M., Ntahonshikira, C., Biryomumaisho, S. and Kugonza, D.R. 2022. Characteristics of smallholder goat production systems and effect of Boer crossbreeding on body measurements of goats in Burundi. <i>Int. Journal of Novel Res. & Dev.</i> 7(6): 905-916. 5. Murera, A., Marco, V. and Kugonza, D.R. 2021. Assessment of the adoption of recommended fishing practices of <i>Limnothrissa miodon</i> (Tanganyika sardine) in Lake Kivu. <i>International Journal of Fisheries and Aquaculture</i> 13(1): 1-14. doi.org/10.5897/IJFA2019.0753; https://academicjournals.org/journal/IJFA/article-full-text-pdf/2A5A2DC66232 6. Kugonza, D.R. 2020. Africa under attack: a continent-wide mapping of pathogens, parasites and predators afflicting the hived honey bee <i>Apis mellifera</i> L. (Hymenoptera: Apidae). <i>African Journal of Rural Development</i> 5(2): 1-27. 7. Kugonza, D.R., Kayitesi, A., Nakkazi, C., Okot, M.W. and Mulindwa, H. Local chicken production in Uganda: Breeding practices and flock productivity. In: Mensah, S., Tusiime, G and Adipala, E. (Eds.). <i>RUFORUM Working Document Series</i>, No. 18. 8. Kugonza, D.R., Kayitesi, A., Nakkazi, C., Okot, M.W. and Mulindwa, H. Performance of Kuroiler and local Ugandan chickens reared under extensive and intensive management systems: Carcass and Meat traits). <i>RUFORUM Working Document Series</i>, No. 18.

9. Dos Anjos, F., **Kugonza, D.R.**, Okot, M.W., Costa, R. and Okello, D. Marker-assisted breeding of selected native chickens in Mozambique and Uganda. In: Mensah, S., Tusiime, G and Adipala, E. (Eds.). *RUFORUM Working Document Series*, No. 18.
10. Yussif, I., Annor, S.Y., Amidu, B. and **Kugonza, D.R.** Lemon grass (*Cymbopogon citratus*) as a herbal feed additive to improve productive performance of rabbits (*Oryctolagus cuniculus*). In: Mensah, S., Tusiime, G and Adipala, E. (Eds.). *RUFORUM Working Document Series*, No. 18.
11. Hirwa, C.D., **Kugonza, D.R.**, Kayitesi, A., Murekezi, T., Semahoro, F., Uwimana, G. and Habimana, R. 2019. Phenotypes, production systems and reproductive performance of indigenous chickens in contemporary Rwanda. *International Journal of Livestock Production*, 10(10): 213–231. doi.org/10.5897/IJLP2019.0618
12. Elbeltagy, A., Bertolini, F., Fleming, D.S., Van Goor, A., Ashwell, C.M., Schmidt, C.J., **Kugonza, D.R.**, Lamont, S.J. & Rothschild, M.F. 2019. Natural selection footprints among African chicken breeds and village ecotypes. *Frontiers in Genetics*, 10:376. doi: 10.3389/fgene.2019.00376.
13. Aryemo, I.P., Akite, I., Kule, E.K., **Kugonza, D.R.**, Okot, M.W. & Mugonola, B. 2019. Drivers of commercialization: a case of indigenous chicken production in northern Uganda. *African Journal of Science, Technology, Innovation and Development*, 11(6): 739-748. doi:10.1080/20421338.2019.1573957.
14. Siya, A., Bazeyo, W., Tuhebwe, D., Tumwine, G., Ezama, A., Manirakiza, L., **Kugonza, D.R.** and Rwego, I.B. 2019. Lowland grazing and Marburg virus disease (MVD) outbreak in Kween district, Eastern Uganda. *BMC Public Health* 19: 136 doi.org/10.1186/s12889-019-6477-y.
15. **Kugonza, D.R.** 2018. Inyambo cattle and their critical roles: Royalty through inheritance but facing adversity. African Union – InterAfrican Bureau for Animal Resources, Nairobi, Kenya.
16. Kiyimba, F. & **Kugonza, D.R.** 2018. Effect of dietary protein level on growth, survival and feed utilization in Guinea fowl keets. *African Journal of Rural Development*, 3(2): 799–811.
17. Niyiragira, V., **Kugonza, D.R.** & Hirwa, C.D. 2018. Success drivers of pig artificial insemination based on imported fresh semen. *International Journal of Livestock Production*, 9(6): 102–107.
18. Onzima, R.B., Gizaw, S., **Kugonza, D.R.**, van Arendonk, J.A.M. & Kanis, E. 2018. Production systems, breeding objectives and farmer preferences for indigenous goat breeds in Uganda. *Small Ruminant Research*, 163: 51–59.
19. Lubandi, C., Lwasa, S., **Kugonza, D.R.**, Babigumira, B.M., Semahoro, F., Nadiope, G. & Okot, M.W. 2018. Analysis of the indigenous chicken value chain in Uganda. *African Journal of Rural Development*, 3(3): 895–912.
20. Siya, A., **Kugonza, D.R.** & Muwanika, V. 2018. Commercialisation of alternative livestock feeds could save fish stocks in Lake Victoria. *African Journal of Tropical Hydrobiology and Fisheries*, 16: 48–50.
21. Akite, I., Kule, E., Mugonola, B., Aryemo, I.P., **Kugonza, D.R.** & Okot, M.W. 2018. Gender dimensions in the local chicken value chain in northern Uganda. *African Journal of Science, Technology, Innovation & Development*, 10: 367–380.
22. Bamundaga, G.K., Natumanya, R., **Kugonza, D.R.** & Owiny, D.O. 2018. Reproductive performance of single and double artificial insemination protocol in swine. *Bulletin of Animal Health and Production in Africa*, 66(1): 143-157.
23. Babigumira, B.M., Nabukalu, R.G., Masaba, J.K., Egadu, G.W., Mulindwa, E.H., Oluca, J. & **Kugonza, D.R.** 2018. Growth characteristics of Sahiwal x Zebu F1 crossbred cattle in Uganda. *International Journal of Livestock Research*,

8(6): 35–40.

24. Gorla, E., Bertolini, F., Strillacci, M.G., Cozzi, M.C., Roman-Ponce, S.I., Ruiz, F.J., Vega, V.V., Dematawewa, C.M.B., **Kugonza, D.R.**, Elbeltagy, A., Schmidt, C.J., Lamont, S.J., Bagnato, A., Rothschild, M.F. 2018. Genomic diversity using copy number variations in worldwide chicken populations. *International Journal of Animal Health & Animal Science Food Safety*, 5(1): 49–50.
25. Hirwa, C.D., **Kugonza, D.R.**, Amahoro, E., Ingabire, C., Niyiragira, V., Myambi, C., Manzi, M., Murekezi, T., Nyabinwa, P., Nshimiyimana, A.M., Kanyandekwe, C. & Gahakwa, D. 2017. Influence of breed, season and age on bovine semen used for artificial insemination. *International Journal of Livestock Production*, 8(6): 72–78.
26. Hirwa, C.D., **Kugonza, D.R.**, Murekezi, T., Rwemarika, J.D., Kayitesi, A., Musemakweri, A., Shabayiro, J.P., Shumbusho, F., Manzi, M. & Safari, T. 2017. Management and phenotypic features of indigenous cattle in Rwanda. *International Journal of Livestock Production*, 8(7): 95–112.
27. Elbeltagy, A., Bertolini, F., Fleming, D., Van Goor, A., Ashwell, C., Schmidt, C., **Kugonza, D.R.**, Lamont, S. & Rothschild, M. 2017. Evidence of natural selection footprints among some African chicken breeds and village ecotypes. *International Journal of Animal & Veterinary Sciences*, 11(8), urn:dai:10.1999/1307-6892/63529
28. Philipsson, J., Zonabend, E.K., Strandberg, E., Albihn, A., Atkisson, A., Chagunda, M., Frid, G., **Kugonza, D.R.**, Okeyo, M., Ojango, J. & Peters, K.J. 2017. Sustainable agricultural production and food security: use of livestock resources for food security in the light of climate change. Swedish International Agricultural Network Initiative (Siani) and SLU Global. Uppsala, Sweden. 4 pp.
29. Ojango, J.M.K., Mrode, R., Okeyo, A.M., Rege, J.E.O., Chagunda, M.G.G. & **Kugonza, D.R.** 2017. Improving Smallholder Dairy Farming in Africa. In: Belzen, N. Van. 2017. Achieving Sustainable Production of Milk Vol. 2: Safety, quality and sustainability. Cambridge, UK: Burleigh Dodds Science Publishing Limited, 1–26, <http://dx.doi.org/10.19103/AS.2016.0005.38>. (Book Chapter 38).
30. **Kugonza, D.R.**, Hirwa, C.A., Rwemalika, D., Mayigane, L.N., Safari, S., Kayitesi, A. & Gahakwa, D. 2017. Kuroiler chickens: A new chicken ecotype for Rwanda, its growth and survival performance under restricted range conditions. (Chapter 3.10) In: Gaidashova, S., Kagabo, D. and Gahakwa, D. (Eds), *Confronting the challenges of food insecurity in the era of climate change and variability*. CABI, UK, 288-294.
31. **Kugonza, D.R.**, Lubandi, C., Kirembe, G., Taabu, H.L., Mugala, L.K. & Lusembo, P. 2017. Enhancing pig productivity in Lake Victoria crescent zone through genotype and post-weaning diet interventions. (Chapter 3.9) In: Gaidashova, S., Kagabo, D. and Gahakwa, D. (Eds), *Confronting the challenges of food insecurity in the era of climate change and variability*. CABI, UK, 277-287.
32. Hirwa, C.D., **Kugonza, D.R.**, Wallace, P., Manzi, M., Murekezi, T., Nyabinwa, P., Semahoro, F., Rwemarika, D., Nshimiyimana, A.M. & Gahakwa, D. 2017. Efficacy of progesterone releasing intra-vaginal device (PRID) in pure Ankole cattle and crossbreds with three exotic breeds. (Chapter 1.15) In: Gaidashova, S., Kagabo, D. and Gahakwa, D. (Eds), *Confronting the challenges of food insecurity in the era of climate change and variability*. CABI, UK, 123-128.
33. Mwiza, W.K., **Kugonza, D.R.** & Mutimura, M. 2017. Growth performance of *Cavia porcellus* (Guinea pig) under intensive feeding regime. (Chapter 1.19) In: Gaidashova, S., Kagabo, D. and Gahakwa, D. (Eds), *Confronting the challenges of food insecurity in the era of climate change and variability*. CABI, UK, 148-153.

34. Ntirugulirwa, B., Gakwerere, E., Mwiza, W.K. & **Kugonza, D.R.** 2017. Comparative yield of honey for two locations in Ruhande arboretum across twelve months. (Chapter 1.22) In: Gaidashova, S., Kagabo, D. and Gahakwa, D. (Eds), *Confronting the challenges of food insecurity in the era of climate change and variability*. CABI, UK, 172-176.
35. Namayanja, D., Akol, A.M. & **Kugonza, D.R.** 2016. Prevalence of *Varroa* mite infestations among honey bee colonies in Uganda. *RUFORUM Working Document Series*, 14(2): 459–465.
36. Aryemo, I.P., Kule, E., **Kugonza, D.R.**, Okot, M.W. & Mugonola, B. 2016. Extent of commercialization of indigenous chicken production in northern Uganda. *RUFORUM Working Document Series*, 14(2): 951 – 956.
37. Nabikyu, J.R. & **Kugonza, D.R.** 2016. Profitability analysis of selected piggery businesses in peri-urban communities of Kampala, Uganda. *Livestock Research for Rural Development*, 28(5): 1–10.
38. Akol, A.M., Namayanja, D., Agaba, A., Kajobe, R., Kasangaki, P. and **Kugonza, D.R.** 2016. The state of knowledge on key pests and parasites afflicting honeybee colonies in Uganda. *RUFORUM Working Document Series*, 14(1): 755–758.
39. Kayitesi, A., Nakkazi, C., **Kugonza, D.R.**, Okot, M.W. & Mulindwa, H. 2016. Local chicken production in northern Uganda: Breeding practices and flock productivity. In: *Research Application Summary* pp. 291–292.
40. **Kugonza, D.R.**, Lubandi, C., Kirembe, G., Taabu, H.L. & Lusembo, P. 2015. Effect of genotype and post-weaning diet in enhancing pig production within Lake Victoria crescent in Uganda. *Agricultural Innovations for Sustainable Development*, 4(3): 296–304.
41. Nakkazi, C., **Kugonza, D.R.**, Kayitesi, A., Mulindwa, H. & Okot M.W. 2015. The effect of diet and feeding system on the on-farm performance of local chickens during the early growth phase. *Livestock Research for Rural Development*, 27(10): 1–11.
42. Semakula, J., Lusembo, P., Mwesigwa, M., Ssenyonjo, J., Lumu, R., **Kugonza, D.R.** & Mutetikka, D. 2015. Infectious causes of mortality in smallholder mature scavenging chickens in central Uganda. *Livestock Research for Rural Development*, 27(4): 1–8.
43. Nonnecke, G., McMillan, D., **Kugonza, D.R.** & Masinde, D. 2015. Leaving the Door Open to New Beneficiaries. (Chapter 7). In: Butler, L.M. & McMillan, D.E. (Eds.). *Tapping Philanthropy for Development: Lessons Learned from a Public-Private Partnership in Rural Uganda*. Kumarin Press, Lynne Rienner Publishers, 250 pages. ISBN: 978-1-62637-194-1.
44. **Kugonza, D.R.**, Stalder, K. & Rothschild, M.F. 2014. Effect of buck and doe size on the growth performance and survival of their progeny. *Livestock Research for Rural Development*, 26(3):1–8.
45. Nakkazi, C., Kayitesi, A., Mulindwa, H., **Kugonza, D.R.** & Okot, M.W. 2014. The status of local chickens (*Gallus domesticus*) production in northern Uganda. *Livestock Research for Rural Development*, 26(11): 1–9.
46. Kabugo, S., Mutetikka, D., Mwesigwa, R., Beyihayo, G.A. & **Kugonza, D.R.** 2014. Utilisation of brewers' yeast as a substitute for fish meal in diets of growing pigs. *African Journal of Agricultural Science and Technology*, 2(5): 116–121.
47. **Kugonza, D.R.** 2014. Ring-Fence Budgets for Agricultural Research. In: *Life Stories of African Women and Young Professionals in Science*. CTA/IFS, pp. 30-31.
48. **Kugonza, D.R.**, Kayitesi, A., Semahoro, F., Ingabire, D., Manzi, M., Hirwa, C.A. & Gahakwa, D. 2013. Factors affecting suitability of surrogate dams for embryo transfer in cattle. *Journal of Animal Science Advances*, 3(4): 203–210.

49. Musoni, A., **Kugonza, D.R.** & Gahakwa, D. 2013. Do neighbours of agricultural research stations learn anything from them: the case of Rubona station, Rwanda? *Livestock Research for Rural Development*, 25(11): 1–9.
50. Mwesigwa, R., Mutetikka, D. & **Kugonza, D.R.** 2013. Performance of growing pigs fed diets based on by-products of maize and wheat processing. *Tropical Animal Health and Production*, 45(2): 441–446.
51. Kagoya, T., Natukunda, K. & **Kugonza, D.R.** 2013. Profitability of smallholder dairy cattle farming in the Kamuli plains of eastern Uganda. *Agricultural Journal*, 8(5): 248–255.
52. Mwesigwa, R., Mutetikka, D., Kabugo, S., & **Kugonza, D.R.** 2013. Varying levels of wheat processing by-products in diets for growing pigs: effect on growth and carcass Traits. *Tropical Animal Health and Production*, 45(8): 1745–1749.
53. Manzi, M., Mutabazi, J., Hirwa, C.D. & **Kugonza, D.R.** 2013. Socio-economic assessment of indigenous goat production systems in rural areas of Bugesera district in Rwanda. *Livestock Research for Rural Development*, 25(11): 1–8.
54. Bett, R.C., Okeyo, A.M., Malmfors, B., Johansson, K., Agaba, M., **Kugonza, D.R.**, Bhuiyan, A.F.K., Filho, E.V., Mariante, A., Mujibi, D. & Philipsson, J. 2013. Cattle breeds: extinction or quasi-extant? *Resources*, 2: 335–357.
55. **Kugonza, D.R.** 2013. Apiculture and Food security. In: Mukungurutse, C., Mbeye, N., Zhang, Y. & Liu, D. (Eds). Sustainable agriculture and food security: National and Global perspectives. International Rural Development (IRD) Matters. Spring 2013 Edition. Royal Agricultural College, Gloucestershire, UK. 36 pp.
56. **Kugonza, D.R.**, Kiwuwa, G.H., Mpairwe, D., Jianlin, H., Nabasiye, M., Okeyo, A.M. & Hanotte, O. 2012. Accuracy of pastoralists' memory based kinship assignment of Ankole cattle: a microsatellite DNA analysis. *Journal of Animal Breeding & Genetics*, 129: 30–40.
57. **Kugonza, D.R.**, Nabasiye, M., Hanotte, O., Mpairwe, D. & Okeyo, A.M. 2012. Pastoralists' indigenous selection criteria and other breeding practices of the long-horned Ankole cattle in Uganda. *Tropical Animal Health and Production*, 44(3): 557–565.
58. **Kugonza, D.R.**, Kirembe, G., Tomusange-Nvule, E., Lutalo, D. & Drani, E. 2012. Experimental validation of farmer innovations in incubation and brooding management of chickens. *Livestock Research for Rural Development*, 24(5): 1-7.
59. Nabasiye, M., **Kugonza, D.R.** & Mpairwe, D. 2012. Population structure and dynamics of Ankole cattle in Uganda: implications for sustainable utilisation of the breed. *African Journal of Agricultural Research*, 7(34): 4819–4829.
60. Magala, H., **Kugonza, D.R.**, Kwizera, H. & Kyarisiima, C.C. 2012. Influence of management system on growth and carcass characteristics of Ugandan local chickens. *Journal of Animal Science Advances*, 2(6): 558–567.
61. Magala, H., **Kugonza, D.R.**, Kwizera, H. & Kyarisiima, C.C. 2012. Influence of varying dietary energy and protein on growth and carcass characteristics of Ugandan local chickens. *Journal of Animal Production Advances* 2(7): 316–324.
62. Mujuni, A. Natukunda, K. & **Kugonza, D.R.** 2012. Factors affecting the adoption of beekeeping and associated technologies in Bushenyi district. *Livestock Research for Rural Development*, 24(8): 1-16.
63. **Kugonza, D.R.**, Nabasiye, M., Mpairwe, D., Hanotte, O. & Okeyo, A.M. 2011. Productivity and morphology of Ankole cattle in three livestock production systems in Uganda. *Animal Genetic Resources*, 48: 13–22.
64. **Kugonza, D.R.**, Jianlin, H., Nabasiye, M., Mpairwe, D., Kiwuwa, G.H., Okeyo, A.M. & Hanotte, O. 2011. Genetic

diversity and differentiation of Ankole cattle populations in Uganda inferred from microsatellite data. *Livestock Science*, 135: 140–147.

65. Natukunda, K., **Kugonza, D.R.** & Kyarisiima, C.C. 2011. Indigenous chickens of the Kamuli plains in Uganda: I. Production system and flock dynamics. *Livestock Research for Rural Development*, 23(10): 1-13.
66. Natukunda, K., **Kugonza, D.R.** & Kyarisiima, C.C. 2011. Indigenous chickens of the Kamuli plains in Uganda: II. Factors affecting their marketing and profitability. *Livestock Research for Rural Development*, 23(10): 1-8.
67. Mugisha, A., Hoona, J., Oluca, J. & **Kugonza, D.R.** 2011. Socio-economics of goat productivity interventions in Uganda. *Africa Journal of Animal and Biomedical Sciences*, 6(1): 9-17.
68. Kyarisiima, C.C., Nagujja, F.A., Magala, H., Kwizera, H., **Kugonza, D.R.** & Bonabana-Wabbi, J. 2011. Perceived tastes and preferences of chicken meat in Uganda. *Livestock Research for Rural Development*, 23(11): 1-7.
69. Semakula, J., Lusembo, P., **Kugonza, D.R.**, Mutetikka, D., Ssenyonjo, J. & Mwesigwa, M. 2011. Estimation of live body weight using zoometrical measurements for improved marketing of indigenous chicken in the Lake Victoria basin of Uganda. *Livestock Research for Rural Development*, 23(8): 1-8.
70. Semakula, J., Mutetikka, D., **Kugonza, D.R.** & Mpairwe, D. 2010. Variability in body morphometric measurements and their application in predicting live body weight of Mubende and Small East African goat breeds in Uganda. *Middle-East Journal of Scientific Research*, 5(2): 98–105.
71. Semakula, J., Mutetikka, D., **Kugonza, D.R.** & Mpairwe, D. 2010. Smallholder goat breeding systems in humid, sub-humid and semi-arid agro-ecological zones of Uganda. *Global Veterinarian*, 4(3): 283–291.
72. Semakula, J., Mutetikka, D., **Kugonza, D.R.** & Mpairwe, D. 2010. Comparison of breeding systems by smallholder goat keepers in the humid sub-humid and semi-arid agro-ecological zones of Uganda. *Agricultural Journal*, 5(2): 89–97.
73. Emuron, N., Magala, H., Kyazze, F.B., **Kugonza, D.R.** & Kyarisiima, C.C. 2010. Factors influencing the trade of local chickens in Kampala city markets. *Livestock Research for Rural Development*, 22(4): 1-12.
74. Lutalo, R., Tomusange-Nvule, E., Kirembe, G., **Kugonza, D.R.**, Lutalo, S. & Critchley, W. 2010. Trying Out Joint Experimentation in Poultry Farming in Uganda: An Experiment in Itself. (Chapter 10) In: Wettasinha, C. & Waters-Bayer, A. (Eds). *Farmer-led joint research: Experiences of PROLINNOVA partners*. Silang, Cavite, Philippines: IIRR/Leusden, ETC EcoCulture. pp. 64–69.
75. **Kugonza, D.R.**, Kamatara, K.B., Nabakabya, D. & Kikonyogo, S. 2009. Effects of hive type and tree shade on colonization rate and pest prevalence of honeybee (*Apis mellifera*) colonies in central Uganda. *Africa Journal of Animal and Biomedical Sciences*, 4(2): 87–92.
76. **Kugonza, D.R.** 2009. Beekeeping: Theory and Practice. Fountain Improved Farming Series. Farming Guide 8. Fountain Publishers, Kampala. 282 pages. ISBN: 978-9970-02-965-5.
77. Mutetikka, D. & **Kugonza, D.R.** 2009. Okuganyulwa mu Bulunzi bw'Embizzi (*How to benefit from piggery business*). Fountain Improved Farming Series. Farming Guide 11. Fountain Publishers, Kampala. 39 pages. ISBN: 978-9970-02-967-9.
78. Kajobe, R., Agea, J.G., **Kugonza, D.R.** Alioni, V., Otim, S.A. & Twine-Rureba, D. 2009. National beekeeping calendar, honeybee pest and disease control methods for improved production of honey and other hive products in Uganda.

- Final Project Report. National Agricultural Research Organisation (NARO), Entebbe, Uganda. 51 pp.
- 79. Kugonza, D.R. & Nabakabya, D.** 2008. Honey quality as affected by handling, processing and marketing channels. *Tropicultura*, 26(2): 113–118.
 - 80. Kugonza, D.R.,** Kyarisiima, C.C. & lisa, A. 2008. Indigenous chicken flocks of eastern Uganda: I. productivity, management and strategies for better performance. *Livestock Research for Rural Development*, 20(9): 1-8.
 - 81. Natumanya, R., Owiny, D. & Kugonza, D.R.** 2008. The potential of Ankole cattle abattoir ovaries for *in vitro* embryo production. *African Journal of Animal and Biomedical Sciences*, 3(1): 1–5.
 - 82. Oluka, J., Sorensen, P. & Kugonza, D.R.** 2006. Studies on Adult Body Size and its Effects on Pre-Weaning Kid Weight of Mubende Goats in Uganda–Population Screening. (Chapter 3) In: On-farm comparative performance evaluation of selected indigenous, exotic and crossbred goat populations in Uganda. *The Royal Veterinary and Agricultural University, Copenhagen, Denmark*, pp. 61–82.
 - 83. Kugonza, D.R. & Mutetikka, D.** 2005. Weaning strategies for improving the performance of sows and their progenies under smallholder farm conditions. *South African Journal of Animal Science*, 35(4): 244–248.
 - 84. Kyarisiima, C.C., Kugonza, D.R. & Twesigye, C.** 2004. The potential role of Ugandan indigenous chicken in poverty alleviation. *The Uganda Journal*, 50: 85–90.
 - 85. Kugonza, D.R.,** Bareeba, F.B. & Petersen, P.H. 2001. Response to phenotypic screening of Mubende meat goats. *MUARIK Bulletin*, 4: 18–24.
 - 86. Kugonza, D.R.,** Bareeba, F.B. & Kirembe, G. 2001. Characterisation of meat goat management systems in three districts of central Uganda. *MUARIK Bulletin*, 4: 26–29.
 - 87. Kugonza D.R.,** Kayitesi, A., Nakkazi, C., Okot, M.W. and Mulindwa, H. 2019. Local chicken production in Uganda: Breeding practices and flock productivity. 15th RUFORUM Annual General Meeting 2019. Theme: Livestock and livestock production systems. December 2-6, 2019, University of Cape Coast, Ghana.
 - 88. Kugonza D.R.** Africa under attack: A continent-wide mapping of the status of pathogens, parasites and predators of the hived honey bee *Apis mellifera* L. (Hymenoptera: Apidae). 15th RUFORUM Annual General Meeting 2019. Theme: Biosafety, Biosecurity and Biorisk management. December 2-6, 2019, University of Cape Coast, Ghana.
 - 89. Illyass, Y., Serekye, Y.A., Balchisu, A. & Kugonza, D.R.** 2019. Lemongrass (*Cymbopogon citratus*) as a herbal feed additive source on rabbit (*Oryctolagus cuniculus*) performance. 15th RUFORUM Annual General Meeting 2019. Theme: Livestock and livestock production systems. December 2-6, 2019, University of Cape Coast, Ghana.
 - 90. Kugonza, D.R.,** Murera, A. & Verschuur, M. 2018. Value chain analysis and fishing technology adoption drivers for Tanganyika sardine (*Limnothrissa miodon*) in Rwanda. 2nd Joint National Agricultural Research Organisation and Makerere University (NARO-MAK) Scientific Conference & 1st Feed the Future Innovation Lab for Nutrition Annual Scientific Symposium. Theme: “*Research for Innovative agri-food systems and nutrition*”, November 12–15, 2018, Speke Resort Hotel, Munyonyo, Kampala, Uganda.
 - 91. Namayanja, D., Akol, A.M. & Kugonza, D.R.** 2018. Population Dynamics and Seasonal Occurrence of the Honey bee pest *Varroa* mite in Uganda. 2nd Joint NARO-MAK Scientific Conference & 1st Feed the Future Innovation Lab for Nutrition Ann. Sci. Symposium. Theme: “*Research for Innovative agri-food systems and nutrition*”, November 12–15, 2018, Speke Resort Hotel, Munyonyo, Kampala, Uganda, 2: p86.

92. Lubandi, C., Lwasa, S., **Kugonza, D.R.**, Babigumira, B.M., Semahoro, F., Nadiope, G. & Okot, M.W. 2018. Analysis of the Indigenous Chicken Value Chain in Uganda. 2nd Joint NARO-MAK Scientific Conference & 1st Feed the Future Innovation Lab for Nutrition Ann. Sci. Symposium. Theme: *“Research for Innovative agri-food systems and nutrition”*, November 12–15, 2018, Speke Resort Hotel, Munyonyo, Kampala, Uganda, 2: 32–33.
93. Babigumira, B.M., Nabukalu, R.G., Masaba, J.K., Egadu, G.W., Mulindwa, E.H., Oluka, J. & **Kugonza, D.R.** 2018. Growth Characteristics of Sahiwal x Zebu F1 Crossbred Cattle in Uganda. 2nd Joint NARO-MAK Scientific Conference & 1st Feed the Future Innovation Lab for Nutrition Ann. Sci. Symposium. Theme: *“Research for Innovative agri-food systems and nutrition”*, Nov. 12–15, 2018, Speke Resort Hotel, Munyonyo, Kampala, Uganda, 2: 97–98.
94. Lubandi, C., **Kugonza, D.R.**, Walusimbi, S., Babigumira, B.M., Nadiope, G. & Okot, M.W. 2018. Manipulation of ducks as chicken egg incubators for low input production systems. 11th World Congress on Genetics Applied to Livestock Production, February 10–16, 2018, Aotea Centre, Auckland, New Zealand, 11:450.
95. Semahoro, F., **Kugonza, D.R.**, Babigumira, B.M., Walusimbi, S., Nadiope, G. & Okot, M.W. 2018. Growth performance of chicken ecotypes based on indigenous populations of Eastern Uganda. 11th World Congress on Genetics Applied to Livestock Production, February 10–16, 2018, Aotea Centre, Auckland, New Zealand, 11:557.
96. Ojango, J.M.K., Rege, J.E.O., Dror, I., **Kugonza, D.R.**, Chagunda, M.G.G., Mrode, R., Philipsson, J. & Okeyo, A.M. 2018. Alternative learning technologies for developing capacity in Animal Breeding and Genetics in middle- and low-income countries. 11th World Congress on Genetics Applied to Livestock Production, February 10–16, 2018, Aotea Centre, Auckland, New Zealand, 11: 829
97. Gorla, E., Bertolini, F., Strillacci, M.G., Cozzi, M.C., Roman-Ponce, S.I., Ruiz, F.J., Vega, V.V., Dematawewa, C.M.B., **Kugonza, D.R.**, Elbeltagy, A., Schmidt, C.J., Lamont, S.J., Bagnato, A., Rothschild, M.F. 2018. Genomic diversity using copy number variations in worldwide chicken populations. Proceedings of Veterinary and Animal Science Days 2018, June 6–8, 2018, Università degli Studi di Milano, Milan, Italy.
98. Tukamuhebwa, F. & **Kugonza, D.R.** 2017. Relating the Hygienic Behaviour of Ugandan Honey Bees with Age of the Comb and Size of the Colony. UR International Scientific Conference Week. Theme: *“Rebranding Research for Sustainable Development”*. June 14–16, 2017, Kigali Conference & Exhibition Village, Kigali, Rwanda.
99. **Kugonza, D.R.**, Bamundaga, G.K., Katongole, I., Natumanya, R., Mwesigwa, R. & Kirembe, G. 2016. Enhancing Pig Productivity in Uganda through Novel Piglet Diets & Artificial Insemination Technologies. National Agricultural Research Organisation–Makerere University Joint Agricultural Dissemination Conference. Theme: *“Agricultural Research and Innovations for Socio-economic Transformation”*. November, 21-24, 2016, Speke Resort Hotel Munyonyo, Kampala, Uganda.
100. Bamundaga, G.K., Natumanya, R., Owiny, D.O., **Kugonza, D.R.**, Mwesigwa, R., Kirembe, G. & Katongole, I. 2016. Reproductive Performance of Single and Double Artificial Insemination Protocol in Swine. National Agricultural Research Organisation–Makerere University Joint Agricultural Dissemination Conference. Theme: *“Agricultural Research and Innovations for Socio-economic Transformation”*. November, 21-24, 2016, Speke Resort Hotel Munyonyo, Kampala, Uganda.
101. Katongole, I., **Kugonza, D.R.**, Natumanya, R., Okello, S., Bamundaga, G.K., Kirembe, G. & Mwesigwa, R. 2016. Assessment of the Current Piglet Nutrition Options in Wakiso and Kabarole Districts of Uganda. National Agricultural Research Organisation–Makerere University Joint Agricultural Dissemination Conference. Theme: *“Agricultural*

Research and Innovations for Socio-economic Transformation". November, 21-24, 2016, Speke Resort Hotel Munyonyo, Kampala, Uganda.

- 102.** Semahoro, F., **Kugonza, D.R.**, Babigumira, B.M., Nadiope, G., Okot, M.W. 2016. Breeding Practices and Selection Criteria of Indigenous Chickens in Eastern and Western Uganda. 5th African Higher Education Week & RUFORUM Biennial Conference. October, 17–21, 2016, Century City Conference Centre, Cape Town, South Africa.
- 103.** Namayanja, D., Akol, A.M. & **Kugonza, D.R.** 2016. Prevalence of Varroa mite infestations among honey bee colonies in Uganda. 5th African Higher Education Week & RUFORUM Biennial Conference. October, 17–21, 2016, Century City Conference Centre, Cape Town, South Africa.
- 104.** Agaba, A., Akol, A.M. & **Kugonza, D.R.** 2016. Prevalence of Small Hive Beetle (Coleoptera: Nitidulidae) in selected Agroecological zones in Uganda. 5th African Higher Education Week & RUFORUM Biennial Conference. October, 17–21, 2016, Century City Conference Centre, Cape Town, South Africa.
- 105.** Lubandi, C., Lwasa, S., **Kugonza, D.R.**, Babigumira, B.M, Nadiope, G. & Okot, M.W. 2016. Resource flow and marketing of indigenous chickens in Uganda. 5th African Higher Education Week & RUFORUM Biennial Conference. October, 17–21, 2016, Century City Conference Centre, Cape Town, South Africa.
- 106.** Aryemo, I.P., Kule, E., **Kugonza, D.R.**, Okot, M.W. & Mugonola, B. 2016. Extent of commercialization of indigenous chicken production in Northern Uganda. 5th African Higher Education Week & RUFORUM Biennial Conference. October, 17–21, 2016, Century City Conference Centre, Cape Town, South Africa.
- 107.** Akite, I., Mugonola, B., Okot, M.W., **Kugonza, D.R.** & Kule, E. 2016. Gender participation in the local chicken value chain in northern Uganda. 5th African Higher Education Week and RUFORUM Biennial Conference. October, 17–21, 2016, Century City Conference Centre, Cape Town, South Africa.
- 108.** Mwiza, W.K., **Kugonza, D.R.**, Ntirugulirwa, B., 2016. Rwanda Country Paper. 2016 APiExpo Africa 2016. 4th Africa Honey Week. Sept. 21–26, 2016, Kigali Conference and Exhibition Village, Kigali, Rwanda.
- 109.** **Kugonza, D.R.**, Masinde, D., Nonnecke, G. & Acker, D. 2015. Solving the invisible hunger crisis among school children through service learning: A case study from Kamuli, Uganda. 2nd International Congress Hidden Hunger, March 3–6, 2015, Mövenpick Hotel/University of Hohenheim, Stuttgart, Germany.
- 110.** **Kugonza, D.R.**, Masinde, D., Nonnecke, G. & Acker, D. 2015. Solving the invisible hunger crisis among school children through service learning. Makerere University International Research and Dissemination Conference. April 20-21, 2015, Hotel Africana, Kampala, Uganda.
- 111.** **Kugonza, D.R.**, Bareeba, F.B., Stalder, K.J. & Rothschild, M.F. 2014. Effect of buck and doe size on growth performance and survival of their progeny. 6th All Africa Conference on Animal Agriculture. Theme: *"Africa's Animal Agriculture: Macro-trends and future opportunities"*, October 26–30, 2014, Kenyatta International Conference Centre, Nairobi, Kenya.
- 112.** **Kugonza, D.R.**, Stalder, K.J. & Rothschild, M.F. 2014. Effect of buck and doe size on growth performance and survival of their progeny. 10th World Conference on Genetics Applied to Animal Production, August 17–22, 2014, Vancouver, Canada, 10: 9481. Available at: <https://asas.confex.com/asas/WCGALP14/webprogram/Paper9481.html>.
- 113.** Kayitesi, A., Nakkazi, C., **Kugonza, D.R.**, Okot, M.W. & Mulindwa, H. 2014. Local chicken production in Northern Uganda: Breeding practices and flock productivity. 4th RUFORUM Biennial Conference. July 21–25, 2014, Maputo,

Mozambique. 4: 291–292.

- 114.** Nakkazi, C., Kayitesi, A., **Kugonza, D.R.**, Okot, M.W. & Mulindwa, H. 2014. The status of indigenous chicken production in Northern Uganda. 4th RUFORUM Biennial Conference. July 21–25, 2014, Maputo, Mozambique.
- 115.** **Kugonza, D.R.**, Lubandi, C., Kirembe, G., Taabu, H.L. & Lusembo, P. 2013. Enhancing pig productivity in Lake Victoria crescent zone: the effect of genotype and post-weaning diet. 6th Africa Agriculture Science Week and FARA General Assembly, 3rd Young Professionals in Science Competition. Theme: “Feeding 1 billion in Africa in a changing world”, July 15–20, 2013, International Conference Centre, Accra, Ghana. Book of Abstracts, 25 pp.
- 116.** **Kugonza, D.R.**, Hirwa, C.A., Rwemalika, D., Mayigane, L.N., Safari, S., Kayitesi, A. & Gahakwa, D. 2013. Growth and survival performance of Kuroiler breed chickens and their crossbreds with local hens under restricted range conditions. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 141 (Abstr.).
- 117.** **Kugonza, D.R.**, Lubandi, C., Kirembe, G., Taabu, H.L., Mugala, L.K. & Lusembo, P. 2013. Enhancing pig productivity in Lake Victoria crescent zone through genotype and post-weaning diet interventions. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 136 (Abstr.).
- 118.** Ebong, C., **Kugonza, D.R.**, Biryomumaisho, S. & Gahakwa, D. 2013. Policy incentives for research and development: opportunity for poultry sector in Rwanda. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 18 (Abstr.).
- 119.** Musoni, A., **Kugonza, D.R.** & Gahakwa, D. 2013. Do Neighbours of agricultural research stations learn anything from them: the case of Rubona station, Rwanda? In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 199 (Abstr.).
- 120.** Mwiza, W.K., **Kugonza, D.R.** & Mutimura, M. 2013. Growth performance of *Cavia porcellus* (Guinea pig) under intensive feeding regime. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 47 (Abstr.).
- 121.** Hirwa, C.D., **Kugonza, D.R.**, Manzi, M., Murekezi, T., Nyabinwa, P., Semahoro, F., Rwemalika, D., Nshimiyimana, A.M. & Gahakwa, D. 2013. Efficacy of progesterone releasing intra-vaginal device in Ankole cattle and their crossbreds with three exotic breeds. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 50 (Abstr.).
- 122.** Hirwa, C.D., **Kugonza, D.R.**, Amahoro, E., Ingabire, C., Niyiragira, V., Myambi, C., Manzi, M., Murekezi, T., Nyabinwa, P., Nshimiyimana, A.M., Kanyandekwe, C. & Gahakwa, D. 2013. Influence of breed, season and age on bovine semen quality. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural*

Research and Extension, 21–23 August 2013, Kigali, Rwanda, p. 133 (Abstr.).

- 123.** Hirwa, C.D., **Kugonza, D.R.**, Ingabire, D., Murekezi, T., Mutimura, M., Semahoro, F., Rwemalika, D., Manzi, M., Uwimana, G. & Gahakwa, D. 2013. Genetic & non-genetic factors that affect growth of cattle at Songa station in Southern Rwanda. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 140 (Abstr.).
- 124.** Manzi, M., Mutabazi, J., Hirwa, C.D. & **Kugonza, D.R.** 2013. Socio-economic assessment of indigenous goat production system in rural areas of Bugesera district in Rwanda. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 138 (Abstr.).
- 125.** Manzi, M., Mutabazi, J., Hirwa, C.D. & **Kugonza, D.R.** 2013. Performance of six goat genotypes reared under range grazing at Karama station, Rwanda. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 60 (Abstr.).
- 126.** Ntirugulirwa, B., Gakwerere, E., Mwiza, W.K. & **Kugonza, D.R.** 2013. Comparative yield of honey from two locations across twelve months at Ruhande arboretum. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 48 (Abstr.).
- 127.** Murekezi, T., Ndayambaje, B., Hirwa, C.D., **Kugonza, D.R.**, Serumaga, P. & Ryan, C. 2013. A comparative study of conception rates between synchronised and non-synchronised artificially inseminated cows in Huye district, Rwanda. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 139 (Abstr.).
- 128.** Mwiza, W.K., Kanyandekwe, C., Nshimiyimana, A.M., Mukamurenzi, E. & **Kugonza, D.R.** 2013. Evaluation of three varroacides in honeybee *Apis mellifera* (Hymenoptera: Apidae) colonies in Rwanda. In: Gaidashova, S.V., Kagabo, D.M., Ebong, C., Biryomumaisho, S., Kugonza, D., Walyaro, D., Gahakwa, D. and Mbonigaba, J.J.M. (eds) *Book of Abstracts of First RAB Biennial Conference on Agricultural Research and Extension*, 21–23 August 2013, Kigali, Rwanda, p. 52 (Abstr.).
- 129.** **Kugonza, D.R.**, Mpairwe, D., Nabasiye, M., Okeyo, A.M. & Hanotte, O. 2011. Genetic improvement of the Ankole cattle breed: Some on-going efforts in Uganda. ASARECA Scientific Conference, October 31–Nov 4, 2011, Source du Nil Hotel, Bujumbura, Burundi.
- 130.** Masaba, J.W.K., **Kugonza, D.R.**, Mpairwe, D. & Oluka, J. 2011. Characterisation and initiation of a community-based breeding scheme for Nganda and Teso Cattle of Uganda. ASARECA Scientific Conference, October 31–Nov 4, 2011, Source du Nil Hotel, Bujumbura, Burundi.
- 131.** Kayitesi, A., Semahoro, F., Ingabire, D., Kirino, Y., Manzi, M., Rwemalika, D., **Kugonza, D.R.** & Gahakwa, D. 2011. Factors affecting suitability of surrogate dams for embryo transfer in cattle. ASARECA Scientific Conference, October 31–Nov 4, 2011, Source du Nil Hotel, Bujumbura, Burundi.

- 132.** Kabugo, S., Mutetikka, D. & **Kugonza, D.R.** 2011. Utilization of brewer's yeast for feeding growing pigs. Theme: "The Role of Livestock in Sustainable Livelihoods in the face of changing climate". Tanzanian Society of Animal Production (TSAP) 34th Annual Scientific Conference, October 25–27, 2011, Olasit Gardens, Arusha, Tanzania.
- 133.** Semakula, J., Lusembo, P. & **Kugonza, D.R.** 2011. Estimating live body weight of indigenous chickens will help rural farmers negotiate equitable prices of birds in Uganda. Theme: "Development on the margin". Tropentag, October 5–7, 2011, Bonn, Germany.
- 134.** Mwesigwa, R., Mutetikka, D. & **Kugonza, D.R.** 2011. Performance of growing pigs fed cereal processing by-products from maize bran or wheat bran. 3rd Makerere Annual Research & Innovations Dissemination Conference (Kampala, Uganda) *Proceedings*, 3:.
- 135.** Kabugo, S., Mutetikka, D. & **Kugonza, D.R.** 2011. Effect of feeding sun-dried brewer's yeast on growth, feed efficiency and cost / gain of growing pigs. 3rd Makerere Annual Research & Innovations Dissemination Conference (Kampala, Uganda) *Proceedings*, 3:.
- 136.** Bett, R.C., Philipsson, J., Johansson, K., Malmfors, B., Agaba, M., **Kugonza, D.R.**, Mariante, A., Filho, E.V., Bhuiyan, A.F.K. & Okeyo, A.M. 2010. Cattle Genetic Resources: Extinction or Evolution? European Farm Animal Biodiversity Information System Network (EFABISNet) Conference, Palermo, Italy, 01–02, December, 2010. (<http://efabis.tzv.fal.de/>)
- 137.** Taylor, K., Stammer, A., Nangobi, P., Tusiime, S., Ikendi, S., Brumm, T., **Kugonza, D.R.**, Masinde, D., Nonnecke, G. & Schultz, R. 2010. Windbreaks and Living Fences at Namasagali Primary School. *Poster Competition at the 9th Norman E. Borlaug Lecture 2010 for the World Food Prize, Iowa State University, USA. October 11.* (Won 1st place for the undergraduate category).
- 138.** Lundy, S., Hunter, J., Franzenburg, E., Ibore, M., Seitz, A., Tusiime, S., Walugembe, M., Brumm, T., **Kugonza, D.R.**, Masinde, D., Nonnecke, G. & Schultz, R. 2010. Sanitation Education for Increased Health of Primary School Children in Uganda. *Poster Competition at the 9th Norman E. Borlaug Lecture 2010 for the World Food Prize, Iowa State University, USA. October 11.* (Won 2nd place for the undergraduate category).
- 139.** Mwesigwa, R., Mutetikka, D. & **Kugonza, D.R.** 2010. Effects of graded levels of cereal brans on growth performance and carcass characteristics of growing-finishing pigs. 2nd RUFORUM (Regional Universities Forum) Biennial Conference (Entebbe, Uganda) *Proceedings*. Imperial Resort Beach Hotel, September 13–17, 2010.
- 140.** **Kugonza, D.R.**, Jianlin, H., Kiwuwa, G.H. & Hanotte, O. 2009. Ankole cattle pastoralists are right when they claim to accurately memorize pedigrees of their herds: Molecular evidence and implications. *Proceedings of the 2nd Annual Research & Innovations Dissemination Conference, Hotel Africana, Kampala, Uganda. November 5–6, 2009.* 2: 36–37.
- 141.** **Kugonza, D.R.**, Okeyo, A.M., Nabasirye, M. & Hanotte, O. 2008. The Ankole cattle in Uganda: Productivity and morphology in three production systems. 10th *World Conference on Animal Production (Cape Town, South Africa) Proceedings* 10: 16.
- 142.** Kamatara, K., **Kugonza, D.R.**, Nabakabya, D. & Kikonyogo, S. 2006. Effect of hive type and location on honey bee colonisation rate and pest prevalence. 9th *Annual Graduate Workshop of the Faculty of Agriculture, Makerere University (MUARIK, Uganda) Proceedings*, 9: 11.
- 143.** **Kugonza, D.R.**, Kirembe, G., Tomusange, E., Mulindwa, P., Namussu, R., Lutalo, D. & Drani, E. 2006. Confined incubation and brooding as strategies for improving smallholder rural poultry productivity: An on-farm evaluation

of a farmer's innovations. *9th Annual Graduate Workshop of the Faculty of Agriculture, Makerere University (MUARIK, Uganda) Proceedings*, 9: 14–15.

- 144. Kugonza, D.R.**, Mwai, O.A., Mutetikka, D., Mpairwe, D.R., Nabasirye, M., Kiwuwa, G.H. & Hanotte, O. 2005. Ankole cattle breed of Uganda: Functions and criteria used in identification, selection and parentage assignment by herdsman. *6th Rare Breeds International, Conservation of Domestic Animal Genetic Resources Global Conference (Johannesburg, South Africa) Proceedings*. 6: 18.
- 145. Kugonza, D.R.**, Mutetikka, D., Nabasirye, M., Mwai, O.A., Hanotte, O. & Kiwuwa, G.H. 2005. Functions and criteria used in identification, selection and parentage assignment of Ankole cattle by herdsman. *8th Annual Graduate Workshop of the Faculty of Agriculture, Makerere University (MUARIK, Uganda) Proceedings*, 8: 17.
- 146. Kugonza, D.R.**, Mugumya, R., Nabakabya, D., Musooli, D., Odong, M., Alich, D.P. & Mugala, L. 2005. Honey quality as affected by handling, processing, channels of marketing & other constraints to beekeeping. *39th International Apicultural Congress (Apimondia) Proceedings (Dublin, Ireland)*. 39: 25.
- 147. Kugonza, D.R.**, Jianlin, H., Mwai, O.A., Kiwuwa, G.H. & Hanotte, O. 2005. Microsatellite DNA polymorphism of the long horned Ankole cattle of Uganda. *4th All Africa Society of Animal Production, Animal Agriculture Conference (Arusha, Tanzania) Proceedings*, 4: 271–277.
- 148. Kugonza, D.R.**, Natumanya, R., Jianlin, H., Kiwuwa, G.H. & Hanotte, O. 2004. Kinship analysis of Ugandan Ankole cattle populations using autosomal microsatellite markers and indigenous knowledge. *29th International Society of Animal Genetics (ISAG), Animal Genetics Conference (Tokyo, Japan) Proceedings*, 29: 102.
- 149. Kugonza, D.R.** & Mutetikka, D. 2004. Restricted suckling and split weaning as strategies for improving the performance of sows and their progenies under smallholder farm conditions. In: Smith T. Godfrey S.H. Buttery P.J. Ssewanyana E. & Owen E. (Eds.) *Small stock in development: Enhancing the contribution of small livestock to the livelihoods of resource-poor communities, workshop (Masaka, Uganda) Proceedings*. November 15-19, 2004, Hotel Brovad, Masaka, Uganda. Natural Resources International Ltd., Aylesford, Kent, UK. pp. 180–184. (www.smallstock.info/research/proj/R7798.htm).
- 150. Kugonza, D.R.**, Natumanya, R., Ochieng, J.W., Hanotte, O. & Kiwuwa, G.H. 2004. Population diversity and differentiation of Ugandan Ankole cattle populations using autosomal microsatellite markers. *1st APSK/TSAP/MU Regional Animal Production Conference (Nairobi, Kenya) Proceedings*, 1: 43.
- 151. Kugonza, D.R.**, Nabakabya, D. & Kabaasa, J.D. 2004. Quality evaluation of processed Uganda Honey. *1st APSK/TSAP/MU Regional Animal Production Conference (Nairobi, Kenya) Proc.*, 1: 9.
- 152. Kugonza, D.R.**, Tobin, N., & Deckers, S. **2018**. Center for Sustainable Rural Livelihoods (CSRL) and ISU-Uganda Program: Report of the external program evaluation commission, Ames, Iowa (Unpublished report).
- 153. Kugonza, D.R.** **2016**. Enhancing performance appraisal and feedback in tertiary education institutions: The case of two colleges at Makerere University. MBA-IB Thesis, Amity University. 147 pages.
- 154. Kugonza, D.R.** **2010**. *Omuringo Gw'okuhakuura Obwoki, Kutunga Enjoki N'okureeberera Emyanya Y'okutungiramu Enjoki Ogurikumara Obwire Buraingwa Omuri Uganda Na East Africa (Lifelong Learning in Honey Collection, Beekeeping & Apiary)*. Question & Answer Trainer's Manual in Rukiga/Runyankore. Commonwealth of Learning (Canada). 90 pp.
- 155. Kugonza, D.R.**, Lusembo P., Taabu H.L., Mutetikka D., Kirembe G. Mugala L., Ssenyonjo J.M. & Lumu R. **2010**.

	<p>Enhancing smallholder pig productivity through efficient utilisation of local feed and elite pig resources in the Lake Victoria crescent. Final Project Report, National Agricultural Research Organisation (NARO), Entebbe, Uganda. 48 pp.</p> <p>156. Kugonza, D.R. 2010. Lifelong Learning in Honey Collection, Beekeeping and Apiary. Consultancy Report for the Commonwealth of Learning (Canada). 51 pp.</p> <p>157. Mugisha, A., Oluka, J., Hoona, J. & Kugonza, D.R. 2009. Socio-economic impact assessment of goat productivity interventions and the use of innovative and participatory breeding approaches in Uganda. Final Technical Report, National Agricultural Research Organisation (NARO), Entebbe, Uganda. 55 pp.</p> <p>158. Kyarisiima, C.C., D.R. Kugonza & H. Magala. 2009. Analysis of the production and marketing channels of local chickens and their products in central Uganda. Final Project Report. Network of Uganda Researchers and Research Users (NURRU), Kampala, Uganda. 50 pp.</p> <p>159. Kugonza, D.R. 2008. Genetic diversity, husbandry, selection criteria and verification of kinship assignment of Ankole cattle populations in Uganda. PhD Thesis, Makerere University. 222 pages. DOI: 10.13140/RG.2.2.25029.93925</p> <p>160. Lutalo, R., F.W.N. Tomusange, G. Kirembe, D. Kugonza, S. Lutalo. 2005. Case Study of Participatory Innovation Development (PID) Joint experimentation in Uganda. 6 pp.</p> <p>161. Kugonza, D.R. 2002. Studies on phenotypic response to population screening criteria of indigenous meat goats in the field in Uganda and their genetic implication. M.Sc. Thesis Makerere University. 109 pp.</p> <p>162. Kugonza, D.R. 1996. The effects of pregnancy concurrent with lactation on performance of sows and their progeny. BSc. Dissertation, Faculty of Agriculture. 36 pp.</p> <p>163. Pork demand outpacing supply. (New Vision, August 30, 2017)</p> <p>164. When it's got to be pigs. (New Vision, September 5, 2017)</p> <p>165. COVID-19: Increased pork consumption raises price (New Vision, January 3rd, 2021)</p>
Podcasts	
Videos	<ol style="list-style-type: none"> 1. https://www.youtube.com/watch?v=-Vr7VyLVNZU 2. https://www.youtube.com/watch?v=ubkgPCmg_uE&t=179s 3. https://www.youtube.com/watch?v=ZNJrh6a0fRo 4. https://www.youtube.com/watch?v=GnmithfU46Y&t=316s 5. https://www.youtube.com/watch?v=jhmPaMNI55w
Keywords	Animal breeding, genetics, animal genetic resources, animal agriculture, apiculture, beekeeping, poultry genetics,

