

## CURRICULUM VITAE

### PROFILE



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Elly Kurobuza Ndyomugenyi (PhD) is an [Associate Professor](#) in the Department of Animal Production and Range Management and [Head of Department, Animal Production and Range Management](#), Faculty of Agriculture and Environment, Gulu University. He is currently teaching Fish Farming, Applied Non-ruminant Production, Principles of Animal Production; Poultry Production; Agricultural Zoology, and Apiculture. Ndyomugenyi was elected by students as an [outstanding lecturer](#) of the year 2011/2012. Ndyomugenyi's research interests are in alternative feed resources to reduce feed costs for livestock production (<https://doi.org/10.13140/RG.2.2.30648.34567>). He has done extensive work on Java plum and Jackfruit seeds as feed for poultry. Ndyomugenyi has currently published over 50 articles in refereed journals, 1 book and 2 book chapters. He is actively reviewing articles for international recognized journals, and was rated top most scholar among 10 scholars of Gulu University (2014-2018). Ndyomugenyi holds a BSc (Zoology/Animal Science) from Makerere University, an MSc (Animal Science) from Makerere University, and a PhD (Non-ruminant Nutrition) from Gulu University. Ndyomugenyi started his academic career in 2008 as Visiting Lecturer at the Faculty of Agriculture and Environment, Gulu University and Part-time Lecturer at Faculty of Agriculture, Makerere University in 2009. He became a permanent Lecturer at the Faculty of Agriculture and Environment, Gulu University in 2010, rose to Senior Lecturer position in 2014, and Associate Professor in 2022. Ndyomugenyi was a Principle Investigator (PI) of Innovations at Makerere Committee ([I@Mak.Com](mailto:I@Mak.Com)) funded project titled "Evaluation of the nutritional value of Java plum beans in broiler diets" (2006-2008). He was a PI of MasterCard funded project coordinated by RUFORUM titled "Enhancing Pig Production and Marketing for Smallholder Farmers in Northern Uganda" (2017-2021). Ndyomugenyi is passionate about community transformation where he has trained several farmer groups under different organizations including; National Agricultural Advisory Services (2004-2007), African Institute for Capacity Development in collaboration with JICA (2008-2015), Private Sector Foundation Uganda in collaboration with Business Uganda Development Scheme (2010-2012), Kawempe Home Care (2013-2014), and M-LISADA Organization (2016 - 2017).

### ACADEMIC AND PROFESSIONAL QUALIFICATIONS

Date	Qualification	Institution	Location
2012 – 2016	PhD (Non-Rum. Nutr.)	Gulu University	Gulu
2004 - 2006	M.Sc. (Animal Science)	Makerere University	Kampala
1997 - 2000	B.Sc. Zoology/Anim. Sci.	Makerere University	Kampala
2001- 2002	Dip. Pig Husbandry	IPC Plant.Dier Barneveld	Netherlands
2002	Dip. Animal Feeds	IPC Plant.Dier Barneveld	Netherlands
2018	Cert. Train the Trainer	Univ. of New South Wales	Gulu

2017	Cert. Beginning to Teach	Univ. of New South Wales	Gulu
2017	Cert. Foundations of Univ. Learning and Teaching	Univ. of New South Wales	Gulu
2006	Cert. Poultry Management	Hebrew University	Israel
2005	Cert. Data Analysis	Makerere University	Kampala
2003	Cert. Information Tech.	Makerere University	Kampala
1988 - 1990	UACE	Mutolere Sec. School	Kisoro
1983 - 1987	UCE	Mutolere Sec. School	Kisoro

### TEACHING EXPERIENCE AND ABILITY

	Post and duties	Date
1.	<b>Associate Professor</b> , Gulu University, Faculty of Agriculture and Environment, Department of Animal Production and Range Management: <ul style="list-style-type: none"> <li>Conducting lectures, research, community outreach</li> <li>Examining and marking course assessment and semester examinations</li> <li>Conducting field trips during the semester and recess term</li> </ul>	2022 to date
2.	<b>Senior Lecturer</b> , Gulu University, Faculty of Agriculture and Environment, Department of Animal Production and Range Management: <ul style="list-style-type: none"> <li>Conducting lectures, tutorials, practicals to students</li> <li>Examining and marking course assessment and semester examinations</li> <li>Conducting field trips during the semester and recess term</li> </ul>	2014 - 2022
3.	<b>Lecturer</b> , Gulu University, Faculty of Agriculture and Environment, Department of Animal Production and Range Management: <ul style="list-style-type: none"> <li>Conducting lectures, tutorials, practicals to students</li> <li>Examining and marking course assessment and semester examinations</li> <li>Conducting field trips during the semester and recess term</li> </ul>	2010 - 2014
4.	<b>Part time Lecturer</b> , Makerere University, Faculty of Agriculture, Department of Agribusiness and Economics: <ul style="list-style-type: none"> <li>Conducting lectures, tutorials, practicals to students in poultry</li> <li>Examining and marking course assessment and semester examinations</li> </ul>	2009 - 2010
5.	<b>Visiting Lecturer</b> , Gulu University, Faculty of Agriculture and Environment, Department of Animal Production and Range Management: <ul style="list-style-type: none"> <li>Conducting lectures, tutorials, practical skills to students</li> <li>Examining and marking course assessment and examinations</li> </ul>	2008 - 2010

### SERVICES OFFERED TO COMMUNITIES AND GULU UNIVERSITY

Services offered to the communities	Date
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1.	National Agricultural Advisory Services (NAADS): Sub counties of Katabi, Busukuma and Masuliita, Wakiso district:	2004 - 2007
	<ul style="list-style-type: none"> <li>Farmer group formation</li> <li>Training and demonstrating farm structures, animal husbandry practices, feeds and natural resource management to farmers</li> <li>Construction of technology development sites for pigs and poultry</li> </ul>	
2.	African Institute for Capacity Development (AICAD) in collaboration with JICA, Gulu, Mityana and Mpigi districts:	2008 to date
	<ul style="list-style-type: none"> <li>Training farmers in poultry and pigs</li> <li>Writing technical reports and training manuals for farmers.</li> </ul>	
3.	Private Sector Foundation Uganda (PSFU) in collaboration with Business Uganda Development Scheme (BUDS):	2010 - 2012
	<ul style="list-style-type: none"> <li>Training farmers in poultry and pig husbandry; Animal traction</li> <li>Writing technical reports</li> <li>Writing training manuals for farmers.</li> </ul>	
4.	Kawempe Home Care	2013 - 2014
	<ul style="list-style-type: none"> <li>Training farmers (Infected with AIDS) in pig husbandry</li> </ul>	
5.	M-LISADA Organization	2016 to date
	<ul style="list-style-type: none"> <li>Training staff and farmers in poultry production</li> <li>Writing training manuals participants.</li> </ul>	
6.	Indigenous Chicken Breeding training at Gulu University Poultry Unit	2024 to date
	<ul style="list-style-type: none"> <li>Feeding indigenous chickens</li> <li>Marketing indigenous chickens and products</li> </ul>	
Services offered to Gulu University		Date
1.	<b>In Charge of Poultry Unit</b> , Faculty of Agriculture and Environment:	2010 - 2013
	<ul style="list-style-type: none"> <li>Working out management routine</li> <li>Formulating feed rations for the birds</li> <li>Developing a record system for different stages of chickens</li> <li>Making proposals for improvement of indigenous birds</li> </ul>	
2.	<b>Acting Head of Department</b> , Animal Production and Range Management:	2011 - 2013
	<ul style="list-style-type: none"> <li>Administrative and academic leadership of the department</li> <li>Preparation of monthly departmental progress reports</li> <li>Compilation of semester exams and results for submission</li> <li>Providing leadership to the students in social and academic issues.</li> </ul>	
4.	<b>Overseeing the office the Director</b> , Institute of Research and Graduate Studies in absence of the Director from time to time	2017
5.	<b>Annual Conference Committee Member</b>	2017-2018
6.	<b>Deputy Dean</b> , Faculty of Agriculture and Environment:	
	Administrative and academic leadership of the Faculty	2016 - 2021
7.	<b>Caretaker Dean</b> , Faculty of Agriculture and Environment:	2020 - 2021

- 8 Administrative and academic leadership of the Faculty
- Head of Department**, Animal Production and Range Management: 2022 to date
- Administrative and academic leadership of the department
  - Preparation of monthly departmental progress reports
  - Compilation of semester exams and results for submission
9. • Providing leadership to the students in social and academic issues.
- Vetting Committee Member**, Gulu University
10. 2024 to date
- Faculty representative to Senate**
- 2025 to date

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#### SELECTED CONFERENCE AND SEMINAR PAPERS PRESENTED AND PUBLISHED

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1. **Ndyomugenyi K. E. (2021).** Impact of Community Action Research Project (CARP+1) on the livelihoods of smallholder farmers in northern Uganda. The Seventh Higher Education Week and RUFORUM Triennial Conference, 6<sup>th</sup> - 9<sup>th</sup> December 2021, Cotonou, Benin.
2. **Ndyomugenyi, K. E. and Okot, M. W. (2011).** Evaluation of the nutritional value of Jackfruit seeds in broiler starter diets. Gulu University Second Annual Conference, 8<sup>th</sup> - 10<sup>th</sup> November 2011. Sir Samuel Baker S. S., Gulu, pp 24.
2. **Ndyomugenyi, K. E. and Okot, M. W. (2010).** Response of broiler chickens to dietary Java plum (*Syzygium cumini*) beans. Gulu University, First Annual Conference, 6<sup>th</sup> - 8<sup>th</sup> November 2010. Church Hill Court Hotel, Gulu, pp 11.
3. **Ndyomugenyi, E. K., Kyarisiima, C. C., Bareeba, F. B. and M W Okot, M. W. (2009).** Evaluation of the nutritional value of boiled Java plum beans in broiler chick diets. Imperial Royal Hotel, Kampala - Uganda. 8<sup>th</sup> - 13<sup>th</sup> November 2009, pp 22.
4. **Ndyomugenyi, K. E. and Okot, M. W. (2006).** An evaluation of Java plum (*Syzygium cumini*) seeds as a source of energy in poultry diets. Continuing Agricultural Education Centre (CAEC), MUARIK. 1<sup>st</sup> - 2<sup>nd</sup> September 2006, pp 12.
5. **Ndyomugenyi, K. E. (2006).** An evaluation of Java plum (*Syzygium cumini*) beans as an ingredient for broilers. Hebrew University of Jerusalem, Faculty of Agricultural, Food and Environmental Quality Sciences. 6<sup>th</sup> November - 1<sup>st</sup> December 2006, pp 24.
6. **Newsletter Articles published**
  - (i) **Ndyomugenyi Kurobuza Elly (2013).** Boer goats as a Goldmine Venture in Uganda. Gulu University Newsletter, Vol. 9, pp 18.
  - (ii) **Ndyomugenyi Kurobuza Elly (2012).** Researchers in Uganda could learn from Israelites. Gulu University Newsletter, Vol. 7, pp 11.
  - (iii) **Ndyomugenyi Kurobuza Elly (2011).** Prospects of Namasagali chicken at the Faculty of Agriculture and Environment poultry unit. Gulu University Newsletter, Vol. 6, pp 10.

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#### CONFERENCES AND WORKSHOPS ATTENDED

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1. Transforming Higher Education to Sustainably Feed and Create Prosperity for Africa. 19<sup>th</sup> RUFORUM Annual Meeting 28<sup>th</sup> October – 2<sup>nd</sup> November 2023, Yaounde, Cameroon.
- Strengthening Africa's Agri-food Systems in the Post COVID-19 Era – Opportunities

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2. and Challenges. 18th RUFORUM Annual General Meeting, 12-16 December 2022, Harare, Zimbabwe.  
Operationalising Higher Education for Innovation, Industrialization, Inclusion and Sustainable Economic Development in Africa: A Call for Action. The Seventh Higher Education Week and RUFORU Triennial Conference, 6th - 9th December 2021, Cotonou, Benin.
  3. Community Development, Entrepreneurship and Experiential Models as Applied at Earth University. Earth University, Guácimo, Limón, Costa Rica. 2<sup>nd</sup> - 6<sup>th</sup> February 2015.
  - 4.
  5. Facilitating Pro-Poor Value Chain Development and Actor Empowerment Course. Hotel Kakanyero, Gulu-Uganda. 21<sup>th</sup> - 25<sup>th</sup> November 2011.
  6. Convergence of veterinary science, public health and trade for sustainable livelihoods in Sub-Saharan Africa. Imperial Royal Hotel, Kampala - Uganda. 8<sup>th</sup> - 13<sup>th</sup> Nov 2009.
  7. Doctoral Research Methodology - Qualitative and Quantitative Approaches. Makerere University - Kampala. 19<sup>th</sup> - 30<sup>th</sup> November 2007.
  8. Transforming knowledge into practical technologies: The role of graduate research. Continuing Agricultural Education Centre (CAEC) - MUARIK. 1<sup>st</sup> - 2<sup>nd</sup> Sept 2006.
  9. Graduate Workshop. Continuing Agricultural Education Centre (CAEC), MUARIK. 7<sup>th</sup> - 8<sup>th</sup> September 2005.
  10. Clinical Research Skills Workshop. Natural Chemotherapeutics Research Laboratory, Kampala - Uganda. October 2004.
  11. Basic Principles of Decentralization Workshop. Uganda Management Institute, Kampala - Uganda. 16<sup>th</sup> - 20<sup>th</sup> August 2004.
  10. Laboratory Managers Workshop in East and South Africa. Regency Hotel, Kampala - Uganda. 15<sup>th</sup> - 19<sup>th</sup> December 2003.
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## MEMBER OF PROFESSIONAL BODIES

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1. Member of Uganda Society of Animal Scientists (USAS), which brings all Ugandan Animal Scientists together with the aim of increasing animal production through research.
  2. Member of PTC+ Alumni Association, which brings together all people of the world who trained at Practical Training Centres in Netherlands.
  3. Member of Makerere University Alumni Association, which brings together all people of the world who trained at Makerere University, Uganda.
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## PUBLICATIONS

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1. **Ndyomugenyi, E. K.** and Kasima, J. S. (2025). Indigenous Microorganisms as an alternative Odour-reduction approach in Pig Production systems: A review. Science and Development, 9(2): 13 - 26.  
<https://journals.ug.edu.gh/index.php/sdj/article/view/4211/1838>
2. Ogwal, A., Okello, D. M., Aliro, T., Owiny, D. O. and **Ndyomugenyi, E. K.** (2025). Prevalence of Bovine Fasciolosis, Financial Losses and Risk Factors Associated with the

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Disease in Lira and Gulu Districts, Northern Uganda. *Veterinary Medicine International*, Volume 2025, Article ID 7757654, 10 pages. <https://doi.org/10.1155/vmi/7757654>.

3. Kasima, J. S., Mugonola, B., Menya, E., Ndaula, S. and **Ndyomugenyi, E. K.** (2025). Black soldier flies as a latent driver to attaining selected SDGs in a developing country context - the case of Uganda. *Sustainable Environment*, 11:1, 2478704. <https://doi.org/10.1080/27658511.2025.2478704>.
4. Adewale, C. I., **Ndyomugenyi, E. K.** and Mugonola, B. (2025). Drivers and barriers to the choice of production systems among smallholder pig farmers: Evidence from Northern Uganda. *Heliyon* 11 (1), e41554. <https://doi.org/10.1016/j.heliyon.2024.e41554>.
5. Okello, D. M., Odongo, W., Aliro, T., Owiny, D. O. and **Ndyomugenyi, E. K.** (2025). Innovation and market orientation in smallholder pig production: the roles for access to veterinary services and use of purchased feeds. *Journal of Agribusiness in Developing and Emerging Economies*. <https://doi.org/10.1108/JADEE-03-2024-0097>
6. Kasima, J. S., **Ndyomugenyi, E.** and Mugonola, B (2025). Can Black soldier fly production contribute to sustainable circularisation of organic wastes in Uganda? *ESS Open Archive*. <https://doi.org/10.22541/essoar.173867594.48524818/v1>.
7. Kasima, J. S., Mugonola, B., Muyinza, H., Kizza-Nkambwe, S., Beyihayo, G. A., Kidega, K., Nokrach, J., Mpewo, M., Kisaame, M. and **Ndyomugenyi, E. K.** (2024). Indigenous Technical Knowledge and Its Potential Application to Uganda's Pig Sub-Sector. *Modern Agriculture*, 2(2):e70003. <https://doi.org/10.1002/moda.70003>.
8. Kasima, J. S., Mugonola, B., Muyinza, H. and **Ndyomugenyi, E. K.** (2024). Current Status and Potential Opportunities for Uganda's Pig Sub-Sector: A Review. *Science and Development*, 9(1): 111-129. <https://www.ajol.info/index.php/jsdugs/article/view/284794>.
9. Adewale, C. I., **Ndyomugenyi, E. K.** and Mugonola, B. (2024). Drivers and Challenges in Pig Production Systems in Northern Uganda: Analysing Farmers' Choices and Confronting Issues. Selected paper for presentation at the 2024 Agricultural and Applied Economic Association Annual Meeting, New Orleans, LA; July 28-30, 2024.
10. Adewale, C. I., Munezero, E., **Ndyomugenyi, E. K.** and Mugonola, B. (2024). Comparative Analysis of Profitability Drivers of Pig Production Systems in Northern Uganda. *Caraka Tani: Journal of Sustainable Agriculture*, 39(2), 370-380. <https://dx.doi.org/10.20961/carakatani.v39i2.79786>.
11. Adewale, C. I., Munezero, E., **Ndyomugenyi, E. K.** and Mugonola, B. (2024). Determinants of technical efficiency of pig production systems in northern Uganda: a Stochastic Frontier approach. *SN Business & Economics*, 4(83): 1-21. <https://doi.org/10.1007/s43546-024-00688-5>.
12. Ikinyom, N., Lamwaka, A. V., Malagala, A. T. and **Ndyomugenyi, E. K.** (2024). Antimicrobial activity of selected nutraceutical plants used in Northern Uganda. *African Journal of Clinical Experimental Microbiology*, 25 (1): 103-111. <https://dx.doi.org/10.4314/ajcem.v25i1.12>
13. **Ndyomugenyi, E. K.**, Aliro, T. and Odongo, W. (2024). Enhancing pig production and marketing for smallholder farmers in northern Uganda (**Book Chapter**): University engagement with farming communities in Africa, *Community Action Platforms. Earthscan Food and Agriculture*, Routledge, Taylor and Francis, Volume 1:199 - 212. <https://doi.org/10.4324/9781003387497-17>.
14. Ikinyom, N., Lamwaka, A. V., Malagala, A. T. and **Ndyomugenyi, E. K.** (2023). Ethnobotanical study of nutraceutical plants used to manage opportunistic infections associated with HIV/AIDS in Acholi sub-region, Northern Uganda. *Tropical Medicine and Health* 51, 50 (2023): 1-25. <https://doi.org/10.1186/s41182-023-00540-w>



15. Kasima, J. S., Muyinza, H., Mugonola, B. and **Ndyomugenyi, E. K.** (2023). The potential role of crop wastes in Uganda's future pork and poultry meat production: A mini review. *Cogent Food & Agriculture*, 9(2); <https://doi.org/10.1080/23311932.2023.2269665>.
16. Ochora, S., Kasima, J. S., Okot, W. M. and **Ndyomugenyi, E. K.** (2023). Performance of local and local x improved chicken crosses under semi-intensive management system in Northern Uganda, *Cogent Food & Agriculture*, 9:1, 2213925; <https://doi.org/10.1080/23311932.2023.2213925>.
17. Akiiki Beyihayo, G. A., Kugonza, R. D., **Ndyomugenyi, E. K.**, Echodu, R., Marion W. Okot, M. W. and Dos Anjos, F. (2023). Genetic and phenotypic parameter estimates for selection within Ugandan indigenous chickens. *Tropical Animal Health and Production*, 55:100. <https://doi.org/10.1007/s11250-023-03513-7>.
18. Akiiki Beyihayo, G. A., **Ndyomugenyi, E. K.**, Echodu, R. and Kugonza, D. (2022). In-situ morphological characterization of indigenous chicken Ecotypes in Uganda. *Ecological Genetics and Genomics*, 24 (2022) 100129.
19. Kidega, K., Aliro, T., Mugonola, B., **Ndyomugenyi, E. K.** and Okello-Uma, I. (2021). Effect of Different Floor Types on Growth Performance of Pigs and Carcass Back-Fat Thickness. *London Journal of Research in Science: Natural and Formal*, 21 (2), Compilation 1.0.
20. Okello, D. M., Odongo, W., Aliro, T., **Ndyomugenyi, E. K.** and Owiny, D. O (2021). Alone or a combination: Ascertaining factors associated with choice of pig health management strategies amongst smallholder farmers in northern Uganda. *Preventive Veterinary Medicine* 199 (2022) 105562; <https://doi.org/10.1016/j.prevetmed.2021.105562>.
21. **Ndyomugenyi, E. K.**, Aliro, T., Odongo, W. and Okot, M.W. (2021). Effect of inclusion of home-made alternative feed in the diets of growing pigs. *African Journal of Rural Development*, 6(2).
22. Okello, D. M., Odongo, W., Aliro, T. and **Ndyomugenyi, E. K.** (2021). An assessment of pig feed diversity amongst smallholder pig farmers in Northern Uganda. *Cogent Food and Agriculture*, 7:1, 1937867; <https://doi.org/10.1080/23311932.2021.1937867>.
23. Mugonya, J., Kalule, S. W. and **Ndyomugenyi, E. K.** (2021). Effect of market information quality, sharing and utilisation on the innovation behaviour of smallholder pig producers. *Cogent Food and Agriculture*, 7:1, 1948726; <https://doi.org/10.1080/23311932.2021.1948726>.
24. Kasima, J. S. Mugonola, B. Aliro, T. and **Ndyomugenyi, E. K.** (2021). Effect of substituting a commercial grower diet with fermented sweet potato vine-cassava tuber-based diet on the performance of growing pigs. *African Journal of Rural Development* 6 (2):44-52. <https://afjrd.org/index.php/jos/issue/current>.
25. Kasima, J. S., Mugonola, B. and **Ndyomugenyi, E. K.** (2021). Pig Production in Gulu and Omoro Districts of Northern Uganda. *Stechonlock Veterinary Science*, 1:1-9.
26. Okello, D. M., Odongo, W., Aliro, T. and **Ndyomugenyi, E. K.** (2020). Access to veterinary services and expenditure on pig health management: the case of smallholder pig farmers in Northern Uganda. *Tropical Animal Health and Production*. <https://doi.org/10.1007/s11250-020-02411-6>; <https://doi.org/10.1007/s11250-020-02411-6>.
27. Mugonya, J., Kalule, S. W. and **Ndyomugenyi, E. K.** (2020). Utilisation of labour among pig farmers in northern Uganda. *African Crop Science Journal*, Vol. 28 (s1): 237 - 246. <https://dx.doi.org/10.4314/acsj.v28i1.18S>.

28. Kidega, K., **Ndyomugenyi, E. K.** and Okello-Uma, I. (2020). Effect of indigenous micro-organism treatment of deep litter floor on nutrient content of pork. *African Crop Science Journal*, 28 (s1): 247 - 254. <https://dx.doi.org/10.4314/acsj.v28i1.19S>.
29. Mamawi, A. G., Aliro, T., K. Kidega, K. and **Ndyomugenyi, E. K.** (2020). Effectiveness of Indigenous Micro-Organism Treatment of Deep Litter Floor in Pig House Foul Odour Control. *IAR Journal of Agriculture Research and Life Sciences*, 1(4) 113-120.
30. Waiswa, C. D., Mugonola, B., Kalyango, R. S., Tebanyang, E., Lomuria, V., Kawube, G., Aleper, D., **Ndyomugenyi, E. K.**, Akidi, I. L., Opoka, J., Angom, S. O., Amayo, F., Asiimwe, H., Kungu, J., Nalule, S., Akol, E., Lokol, P., and Lomonyang, M. (2019). *Pastoralism in Uganda Theory, Practice and Policy*. Eleazar Business Consults Limited, Kampala, Uganda. 1<sup>st</sup> Edition. ISBN 978-9970-9120-0-1. <https://www.iied.org/20911g>
31. Mugonola, B., **Ndyomugenyi, E.**, Kungu, J., Boma, P., Lukol, P. and Tebanyang, E. (2019). *Pastoralism in Uganda Theory, Practice and Policy*. Eleazar Business Consults Limited, 1st Edition. Chapter 4; Pillar Two: the herd, pp. 87-128. <https://www.iied.org/20911g>
32. Waiswa, C. D., Mugonola, B., Kawube, G., Aleper, D., **Ndyomugenyi, E. K.**, Kalyango, R. S., Amayo, F., Asiimwe, H., Kungu, J., Boma, P., Opolot, J. S., Arasio, R., Tebanyang, E., Lomuria, V., Lokol, P., Lomonyang, M. (2019). *Trainer's Manual on Pastoralism and Policy in Uganda*.
33. Mugonya, J., Kalule, S. W. and **Ndyomugenyi, E. K.** (2019). Determinants of innovation behaviour among pig farmers in Northern Uganda. *African Journal of Rural Development*, 4 (3): 363-374.
34. Tebere, L., Aliro, T., **Ndyomugenyi, E. K.** and Odongo, W. (2018). University-BTVET-Community Convergence in promoting pig production amongst smallholder farmers in Northern Uganda. *RUFORUM Working Document Series*, 17 (3): 999-1004. <http://repository.ruforum.org>.
35. Mugonya, J., Kalule, S.W. and **Ndyomugenyi, K. E.** (2018). Pig value chain in Uganda: Considering smallholders' functional upgrading prospects. *RUFORUM Working Document Series*, 17 (3): 987-994. <http://repository.ruforum.org>.
36. **Ndyomugenyi, E. K.**, Odongo, W., Okello, D. M., Mutetikka, D., Ouma, E. and Okot, M. W. (2018). Enhancing pig production and marketing for smallholder farmers in Northern Uganda. *RUFORUM Working Document Series*, 17 (1): 293-301. <http://repository.ruforum.org>.
37. Ongeng, D., Akidi, I. L., Ajok, W., Nassanga, P., Odongo, W., Kalule, S. W., Kule, E. K., **Ndyomugenyi, E. K.**, Omara, P., Mugonola, B., Piedra, M., Nakkazi, C., Kugonza, D. R., Kayitesi, A., Mulindwa, H., Okot, M. W., Mshenga, P. M., Carsten, N. P., Olufemi, M. A., Manjur, K., Udom, B. T., Omovbude, S., Abam, P. O., Oluchi, J. J., Ehilegbu, J., Erondy, E. S., Zakka, U., Tanimola, A. A., Wokoma, E. C., Brown, I., Odogwu, B. A., Nkalubo, S., Rubaihayo, P., Nuga, B. O., Osodeke, V. E., Asawalam, D. O., Adesope, O. M., Mashenga, O. M., Mugonola, B., Hjortsoe, C. N. P., Wigwe, C. C. (2016). A strategic approach for African Agricultural Universities experiencing low human capacity to engage in graduate-level training: Lessons from Gulu University in Uganda. *RUFORUM Working Document Series*, 14 (2): 77-85. <http://repository.ruforum.org>. *(used for promotion to Associate Professor)*
38. Odongo, W., Kalule, S. W., Kule, E. K., **Ndyomugenyi, E. K.**, Omara, P. and Ongeng, D. (2016). Responsiveness of agricultural training curricula in African universities to



labour market needs: the case of Gulu University in Uganda. *African Journal of Rural Development*, 2 (1): 2017: pp.67-76. *(used for promotion to Associate Professor)*

39. Odongo, W., Kalule, S. W., Kule, E. K., **Ndyomugenyi, E. K.**, Omara, P. and Ongeng, D. (2016). Conceptualizing the Student-Centered Outreach Model for experiential learning and community transformation. *African Journal of Rural Development*, Vol. 1(3): December 2016: pp. 219 – 227. *(used for promotion to Associate Professor)*
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#### **STUDENTS SUPERVISED TO COMPLETION**

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<b>S/No.</b>	<b>Name of student</b>	<b>Degree</b>	<b>Graduation date</b>
1.	Ojok David Ocitti (14/U/2830/MAE)	MSc in Agri-enterprises Development	January 11, 2020
2.	Acan Nancy (16/U/2953/MAE)	MSc in Agri-enterprises Development	January 11, 2020
3.	Mugonya John (17/U/0263/MAE)	MSc in Agri-enterprises Development	January 11, 2020
4.	Sarudzai Muzhange (17/X/0265/MAE)	MSc in Agri-enterprises Development	January 11, 2020
5.	Kidega Kenneth (17/U/0261/MFN)	MSc in Food Security and Community Nutrition	January 11, 2020
6.	Aciro Lucy (17/U/0264/MAE)	MSc in Agri-enterprises Development	January 11, 2020
7.	Kyohairwe Prima 17/U/2500/MAE	MSc in Agri-enterprises Development	January 11, 2020
8.	Kasima Junior Senyonga (18/U/2503/MSA)	MSc. in Animal Production and Marketing	June 17, 2022
9.	Mamawi Ambayo Geoffrey (17/U/2534/MSA)	MSc. in Animal Production and Marketing	June 17, 2022

10.	Ogwal Anthony (18/U//3202/MSA)	MSc. in Animal Production and Marketing	January 18, 2023
11.	Adewale Caleb Ibukunoluwa 20/U/2362/MAE/PS	MSc in Agri-enterprises Development	Graduated on February 9, 2024
12.	Mahmoud Khalid 15/U/2127/MFN	MSc. in Food Security and Community Nutrition	Graduated on January 24, 2025
13.	Musika Rogious 21/U/2426/MSA/PS	MSc. in Animal Production and Marketing	Graduated on January 24, 2025
14.	Otimang Joseph 21/U/3399/MSA/PS	MSc. in Animal Production and Marketing	Graduated on January 24, 2025
15.	Okello M. Daniel 18/U/2515/PhD	PhD in Agricultural and Applied Biosciences	Graduated on January 25, 2025
16.	Beyihayo Geoffrey Akiiki 19/U/3189/PhD/PS	PhD in Agricultural and Applied Biosciences	Submitted Final Thesis on July 24, 2025

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## RESEARCH OUTPUT

My research interest is on use of alternative feed resources to reduce feed costs for animal production. So far, I have done extensive work on use of Java plum and Jackfruit seeds for poultry feeding (<https://doi.org/10.13140/RG.2.2.30648.34567>). Currently, I am working on “Enhancing Pig Production and Marketing for Smallholder Farmers in Northern Uganda”. My focus is on use of pig production technologies including Artificial Insemination for breeding, Indigenous Microorganisms for smell reduction and formulae from local feed resources for reducing feed costs.

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## REFEREES

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Signature



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