



Ms. Nampijja Zainah
Assistant Lecturer / Animal scientist

Tel: +256 (0) 779209141
+256 (0)700759000

Email: Pijja12@gmail.com
Zainah.nampijja@mak.ac.ug

ORCID ID: [0000-0003-2599-8156](https://orcid.org/0000-0003-2599-8156)

Address

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

About/Introductory statement

Ms. Zainah Nampijja is an assistant Lecturer at the Department of Agricultural Production, School of Agricultural Sciences. Her research interests lies in poultry sciences, insects for feed and climate change. Her main core roles as an assistant lecturer includes but not limited to teaching, examining and supervising undergraduates students, conducting and disseminating research

Qualifications

1. Msc. In animal science Makerere University 2019
2. BSc (Hons) in Agriculture Makerere University, 2014
3. Certificate: Project planning and management, Innovative institute of agriculture, business and capacity building 2012

Membership to professional bodies

4. Uganda Forum for Agricultural Advisory Services (UFAAS)- Member
5. Bio innovate Africa Fellows Alumnae Network (BAFAN)- Member
6. Uganda Forum for Agricultural Advisory Services (UFAAS)- Member
7. Dairy Farmers Network (DAFAN)-Member
8. Young Women Scientists (YWS)- Member
9. International Network of Women Engineers and Scientists (INWES)-Member
10. Climate change and Environment associates (CCEA)

Biography

Zainah Nampijja is a certified greenhouse assessment expert, holding a certificate in EX-ACT carbon balance Tool and EX-ANTE carbon Value Chain analysis tool. She has conducted several studies on climate change in pastoral communities of Uganda among them being the analysis of Cost Benefit Analysis of climate change adaptation strategies, measurement of the resilience of pastoral communities using SHARP+ tool, and Agro-Ecological Performance measurement using the TAPE tool

Has 10 years' experience in participatory action research, in animal sciences

In addition she has an experience of over 8 years of implementing insect technologies since her Master's program in 2014. She has got hands on experience in breeding, production and processing of black soldier flies, first as an Msc student on INSFEED project, as an insectary manager at Makerere University, as a research associate heading the research and development department at PROTEEN LTD. She has done consultancies regarding training manual development with the International Potato Centre (CIP), Black soldier fly production manual for Hatches in partnership with Entofeed and poultry feed and feeding management manuals

Zainah has a rich experience in translation of agricultural materials from English to Luganda and/or Lusoga and Vice versa.

Other Activities

Member to charity organizations like Educate and orphan and Mia Mia that gives charity in form of education and other household necessities to orphans and other less advantaged community members.

Reviewer to journals

- Scientific African Journal

Teaching

- BSc Agriculture
- BSc. Food Science and Technology
- Bachelor of Agricultural & Rural Innovation internal
- Bachelor of Agricultural & Rural Innovation External
- Bachelor of Land Use management

Research

- Estimating Green House Gas (GHG) emissions in livestock production systems and Value chains
- Sweet potato silage as feed for livestock
- Insect (Black soldier fly larvae) as feed for poultry
- General poultry research

Research groups and Centres

INSFEED research group

INSBIZ research group

GHG quantification Research group

Community based work

Training dairy farmers silage making (under Bavubuka twekembe youth group)

Training farmers Black soldier fly production (Under ento-Organic limited)

Trainer briquette making

Radio talk show presenter on Black soldier fly production and Utilization

Awards or special recognitions received

- **Certificate of recognition**, reviewer Scientific African Journal 2022
- Bio-innovate Africa fellowship for women scientists November 2018 to February 2019

Publications

Journal Publications

1. Ssepuuya, G., Namulawa, V., Mbabazi, D., Mugerwa, S., Fuuna, P., **Nampijja, Z.**,... & Nakimbugwe, D. (2017). Use of insects for fish and poultry compound feed in sub-Saharan Africa—a systematic review. *Journal of Insects as Food and Feed*, 3(4), 289-302.
2. Galla, N. A., **Nampijja, Z.**, Lutwama, V., Mayanja, S., Grant, F., Kyalo, G.,... & Nambi-Kasozi, J. (2020). Effects of Inclusion Levels of Sweet Potato Vine Silage on Feed Intake, Milk Production and Profitability of Lactating Crossbred Dairy Cows. *Open Journal of Animal Sciences*, 10(03), 608.
3. Kiggundu, M., **Nampijja, Z.**, Kigozi, A., Mugerwa, S., Allen, M., Namazzi, C., ... & Bombom, A. (2022). Effect of substitution of fishmeal with Napier grass protein on performance and carcass characteristics of broiler chicken.
4. Nampijja Z. (2019). Effect of substituting fish meal (*Rastrineobola argentea*) protein with black soldier fly (*Hermatia illucens*) larvae meal protein on performance of broiler chickens. Master's thesis. Makerere University

Book Chapter

5. Kabirizi, J.; Muyekho, F.; Mulaa, M; Msangi, R.; Pallangyo, B.; Kawube, G.; Zziwa, E.; Mugerwa, S.; Ajanga,S.; Lukwago, G.; Wamalwa N.I. E; Kariuki, I.; Mwesigwa, R.; Nannyeenya-Ntege, W.; Atuhairwe, A.; Awalla, J.; Namazzi, C.; **Nampijja, Z.** 2015. Napier grass feed resource: production, constraints and implications for smallholder farmers in Eastern and Central Africa. ISBN: 978-9970-9269-1-6