

CURRICULUM VITAE

PERSONAL DETAILS

Name : Wilckyster Nyateko Nyarindo
Nationality : Kenyan
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EDUCATIONAL BACKGROUND

2017– 2022 Doctor of Philosophy in Agricultural Economics, University of Western Australia (UWA) in Perth, Western Australia.
Thesis title: “Economic Evaluation of Market Participation and Adoption of Sustainable Agricultural Intensification Practices among Maize–Legume Smallholder Producers in Kenya”

2012-2015 Master of Science in Agribusiness Management, Egerton University, Kenya.
Thesis title: “Analysis of The Determinants of Diffusion of Sustainable Agricultural Intensification Practices in A Maize-Legume System in Kenya”

2009-2012 Bachelor of Science in Agricultural Economics, Egerton University, Kenya

2005-2008 Diploma in Farm & Resource Management

EMPLOYMENT HISTORY

2022-To date Lecturer, Department of Agricultural Economics & Extension, University of Embu

2018-2022 Tutorial Fellow, Department of Agricultural Economics & Extension, University of Embu

2016 Field Supervisor, International Centre of Insect Physiology and Ecology (ICIPE)

2016 Part time lecturer, Department of Agricultural Economics & Extension, University of Embu

2013-2015 Research Assistant Adoption Pathways development project (CIMMYT) Nairobi Kenya

2011 Internship, Tegemeo Institute of Agricultural Policy and Development

WORK EXPERIENCE

Lecturer – University of Embu

Responsibilities:

- Preparing and delivering lectures, and conducting tutorials and seminars.
- Teaching courses such as New Institutional Economics, International Trade, Agricultural Marketing, Production Economics, Agricultural Finance, Farm Management & Development Economics, Microeconomics, Macroeconomics.
- Preparing, administering and marking of examinations
- Conducting research, agricultural extension services and undertaking consultancies in agricultural economics and agribusiness.
- Supervision of undergraduate and postgraduate projects.

- Mentoring/advising students on academic and related matters.
- Conducting research, agricultural extension services and undertaking consultancies in agricultural economics and agribusiness

Tutorial Fellow – Embu University College

Responsibilities

- Preparing and delivering lectures, and conducting tutorials and seminars.
- Taught courses such as New Institutional Economics, Econometrics, International Economics, International Trade, Agricultural Marketing, Production Economics, Farm Management & Microeconomics
- Preparing, administering and marking of examinations.
- Conducting research, agricultural extension services and undertaking consultancies in agricultural economics and agribusiness

Supervisor

International Centre of Insect Physiology and Ecology (ICIPE)

- Farming & Pest weed control (STRIGA) data collection in (Migori, Siaya & Homabay Counties) using computer aided Programme-CS Pro.

Research Assistant

Adoption Pathways development project (CIMMYT)

- Coordinating training activities, designing of questionnaire, data collection & entry using computer aided Programme-CS Pro, data analysis, compiling and presenting field reports, developing briefs, journal articles, and presentation for conferences, seminars and workshop.

Internship

Tegemeo Institute of Agricultural Policy and Development.

- Assisted senior researches in collecting and analysing data, data entry cleaning and analysis.

INTERNATIONAL COLLABORATIONS AND LINKAGES

2023 Facilitator in Sustainable Agroecosystems, Training on Tropical Agriculture- ETH Zurich University and University of Embu.

UNIVERSITY RESPONSIBILITIES

2024 Aug – Present: Chairperson Welfare Committee Department of Agricultural Econ & Extension

2024 Jan– Present: Examinations coordinator School of Agriculture

2022 Nov – Present: Member of ETH Zurich University -UoEm MoU joint implementation committee

2022 Oct – Present: Science and technology champion department of Agricultural Econ & Extension

2022 Aug – Present: Chairperson procurement and budgetary committee department of Agricultural Econ & Extension

2022 Aug – Present: Member of UoEm- member board of postgraduate studies (BPS) committee

2022 Aug – Present: Member of UoEm- member board of undergraduate studies committee

POSTGRADUATE SUPERVISION

DOCTOR OF PHYLOSOPY: GRADUATED

1. **Catherine Nyambune Maindi** Reg. No A807/302/2021 Collective action, women empowerment and food security among smallholder farmers in Murang'a County, Kenya. (Graduated, 2024)

MASTER THESIS: GRADUATED

1. **Timothy Meti Kioko** Reg No A510/1507/2021 Climate change resilient technologies on productivity and household food security in dryland areas of Kibwezi west sub county, Makueni County. (Graduated, 2024)

DOCTOR OF PHYLOSOPY: ONGOING

1. **Joseph Kiprotich Ruttoh** Reg No A807/315/2021 Intertemporal evaluation of sustainable crop intensification, diversification and commercialization among the smallholder farmers in Kenya.
2. **Nancy Wamwitha Ndung'u** Reg No A807/321/2022 Economic evaluation and gender participation in the edible insect value chain development in Kenya and Uganda.
3. **John Kennedy Musyoka** Reg No A807/306/2021 Economic evaluation of coping strategies in chicken farming on productivity and resilience to covid-19 among smallholders in lower Eastern Kenya.
4. **Margaret Njeri** Reg No A811/335/2022 Analysis of potato seed multiplication technologies and post-harvest losses on potato productivity in Kenya.

MASTER THESIS: ONGOING

1. **Caroline Mukami Miriti** Reg No A512/1536/2021 evaluation of smallholder farmers' satisfaction with agricultural extension services in Embu east sub-county, Embu County.
2. **Andrew Kirimi** Reg No A512/1473/2021 uptake of dairy farming technologies and productivity among smallholder farmers in Meru County, Kenya.
3. **Mwirigi Antony Mutuma** Reg No A510/1553/2021 Economics of postharvest management practices on pulses and household food security among smallholders in Tharaka Nithi county.

POSTGRADUATE THESIS EXAMINATION

INTERNAL EXAMINATION

1. Market efficiency, choice of marketing channel and supply of macadamia among smallholder farmers in Embu West Sub County. (MSc 2024).
2. Kenya's macroeconomic policies and trade efficiency within the east African Community (MSc 2024).
3. Adoption, productivity and return on investment of integrated soil fertility management technologies among sorghum farmers in Tharaka-Nithi County, Kenya. (MSc 2023)
4. Real estate development, human capital and economic growth in Kenya. (MSc 2023)
5. Assessment of fodder conservation technologies among farmers in Tharaka-Nithi County, Kenya. (MSc 2023)

EXTERNAL EXAMINATION

1. Influence of production, financial and marketing factors on adoption of agricultural technologies in Irish potatoes in Ol Kalou Sub County, Kenya. (PhD 2024).
2. Factors associated with sustainability of contract farming among sorghum farmers in Tharaka-nithi county Kenya (MSc 2023).

PUBLICATIONS AND DISCUSSION PAPERS

Miriti C. M., **Nyarindo W. N.**, Mburugu K.N., Nthiwa D. (2024). Determinants of smallholder farmers' satisfaction with agricultural extension services in Embu County, Kenya. *Journal of Agriculture and Rural Development in the Tropics and Subtropics*, 125(2) 209–218.

Kirimi, A. K., **Nyarindo, W. N.**, & Gatimbu, K. K. (2024). Is adoption of modern dairy farming technologies interrelated? a case of smallholder dairy farmers in Meru County, Kenya. *Heliyon*, 10(e38157)

Maindi, C.N., **Nyarindo, W. N.**, Ndirangu, S.N. & Isaboke H.N (2024). Collective action typologies and their implications for policy targeting: The case of smallholder households from central region of Kenya, *Journal of Agriculture and Food Research*, 18 (101288).

Maindi, C.N., **Nyarindo W. N.**, Ndirangu S. N & Isaboke H.N. (2024). Debunking the one-size-fits-all approach: Synergistic and trade-off effects of collective action on household food security among the smallholder farmers in central Kenya. *Journal of Global Innovations in Agricultural Sciences* 12:811-826.

Kioko, T.M., Ndirangu S. & **Nyarindo W.** (2024). Evaluating effect of climate smart agricultural practices adoption on productivity of drought-tolerant pulses: Insights from dryland areas of Makueni County, Kenya. *Journal of Global Innovations in Agricultural Sciences* 12:799-809.

Nyarindo, W.N., Mugera, A., Hailu, A., Obare, G.A. (2024). Do combined sustainable agricultural intensification practices improve welfare? Evidence from eastern and western Kenya. Paper accepted for publication in “*Agricultural Economics*”.

Isaboke, H. N., Qiao, Z., & **Nyarindo, W. N.** (2016). The Effect of Weather Index Based Micro-Insurance on Food Security Status of Smallholders. *Agricultural and Resource Economics : International Scientific E-Journal*, 2(3), 5–21.

Isaboke, H. N., Qiao, Z., **Nyarindo, W. N.**, & Ke, W. (2016). Explaining the Perception of Smallholders towards Weather Index Micro-insurance alongside Risks and Coping Strategies. *International Journal of Food and Agricultural Economics*, 4(4), 59–77.

Ogutu, W. N., & Obare, G. A. (2015). *Crop Choice and Adoption of Sustainable Agricultural Intensification Practices in Kenya. Adoption Pathways project discussion paper 10.* CIMMYT, Nairobi. http://aci-ar.gov.au/aifsc/sites/default/files/docs/crop_choice_and_sips.pdf

Ogutu, W. N., Obare, G. A., & Kassie, M. (2015). Farm Plot Level Determinants of the Number of Sustainable Agricultural Intensification Practices Adopted in a Maize-Legume Cropping System in Kenya. *Adoption Pathways Project Discussion Paper 9.* CIMMYT, Nairobi http://aci-ar.gov.au/aifsc/sites/default/files/docs/plot_level_determinants_of_the_number_of_saips.pdf

RESEARCH GRANT

2024: Strengthening the Chicken Value Chain beyond Backyard Farming with Eco-Friendly Practices among Smallholders in Lower Eastern Kenyan. (**USD 49,986**) **Principle Investigator**

2022: Gender Justice for Sustainable Aquaculture and Fisheries travel grant for attending Global

Conference on Gender in Aquaculture and Fisheries in India (**USD 1,410) PI**

2022-2023: Enhancing livelihoods through access to poultry feeds among smallholders in post COVID-19 era in Eastern Kenya. (**AUD 20,000) – Principal Investigator**

FELLOWSHIPS AWARDED

2024 – Present: UNESCO-OWSD-IDRC 2024 Fellow.

2024 – Present: Open Doors Fellowship Program, Ghent University, Belgium.

2017-2022: John Allwright Fellowship (ACIAR) to pursue PhD studies in Australia.

2019-2020: To pursue John Allwright Fellowship executive leadership program (JAFel). University of New England, Australia.

MEMBERSHIP TO PROFESSIONAL ASSOCIATIONS

Australasian Agricultural & Resource Economics Society (AARES) Membership Number: 5267

WORKSHOPS/CONFERENCE

November 21th-23th 2022 Nyarindo W.N., Isaboke H. N., Robyn Alders. Enhancing livelihoods through access to poultry feeds among smallholders in post COVID-19 era in Eastern Kenya: A Gender Perspective. Paper presented at the 8th Global Conference on Gender in Aquaculture and Fisheries in India, **21th-23rd November 2022.**

April 18th -29th 2022 Facilitated the Field course on “Tropical Cropping Systems, Soils and livelihoods” in the University of Embu 18th -29th April 2022 for the Sustainable Agro-ecosystems group at ETH Zürich.

February 11th -14th 2020 Ogotu, W.N., Mugeru, A. Hailu, A. Adoption of sustainable intensification practices in Kenya: Analysis of choices among packages generated using K-modes clustering. Paper presented at the 64th Australasian Agricultural and Resource Economics Society Conference (AARES). Perth, Western Australia, 11–14 February 2020

Isaboke, H. N., Qiao, Z., **Nyarindo, W. N.**, Ke, W. (2016) Factors explaining producer perception towards weather index micro insurance: Evidence from Kenya. *Fifth RUFORUM Biennial Regional Conference 17 - 21 October 2016, Cape Town, South Africa*

May 6th 2016 Curriculum Development and Implementation in Higher Education
Facilitated by Embu University College.

June 11th , 2014 Identifying Socioeconomic Constraint to and Incentives for Faster Technology Adoption. Facilitated by CIMMYT and Egerton University.

March 5th 2015 Sustainable Agricultural Intensification Through Multi-Technology Adoption:
Facilitated by CIMMYT (*CASFESA Project Closing Workshop*)

TRAININGS AND SHORT COURSES

1. Speaking science
2. Certificate of proficiency in Participatory Rural Appraisal Techniques (PRA)

3. Certificate of proficiency in Strategic Planning and Management of Projects
4. Leadership and project management
5. Softwares; Stata, SPSS Statistics, R, OpenDataKit (survey software)

REFEREES

1. Prof. G. A. Obare
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Kindaruma Rd, Nairobi, Off Ngong road, Behind Coptic hospital
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2. Prof. Amin Muggera
University of Western Australia (UWA) in Perth 35, Stirling Highway, Crawley Western
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3. Dr. Esther Arunga
Director Academic Quality Assurance
University of Embu
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