

## LAIKIPIA UNIVERSITY TEACHING STAFF PROFILE



**Name:** PROF. PATIENCE MLONGO MSHENGA

**Designation/Rank:** Deputy Vice Chancellor Administration, Finance and Planning

**Email:** [pmshega@laikipia.ac.ke](mailto:pmshega@laikipia.ac.ke) (corporate)

**Scholar Link:**

<https://scholar.google.com/citations?user=azrksykAAAAJ&hl=en>

**Research Gate link:**

<https://www.researchgate.net/profile/Mshenga-P-M>

**ORCID ID:** <https://orcid.org/0000-0002-4256-4299>

### PERSONAL DETAILS

#### A. Educational Background/Qualification

PhD Degree: Doctor of Philosophy in Agribusiness Management, Coursework: Michigan State University (2005-2006), Research: Egerton University, Kenya (2009)

Master's Degree: Master of Business Administration, University of Nairobi, Kenya (2000)

Bachelor' Degree: Bachelor of Agribusiness Management, Egerton University, Kenya (1995)

#### B. Work and Professional Experience

1. **Deputy Vice Chancellor-Administration, Finance and Planning. December 2024 – Present**, Laikipia University, Nyahururu-Kenya
2. **Dean - Faculty of Agriculture** April 2021 -Dec 2024, Egerton University, Njoro-Kenya
3. **Chairperson-** Department of Agricultural Economics and Agribusiness Management February 2017-April 2021, Egerton University, Njoro-Kenya
4. **Board Member-**The Association for Strengthening Agricultural Research in Eastern and Central Africa (ASARECA) - March, 2019 to date
5. **Chairperson-** CMAAE Academic Board. 2018- 2021

#### C. Brief Auto-biography of the Faculty/Staff

Patience is a Professor of Agribusiness Management with over 20 years of experience in teaching, curriculum development as well as management at the university level. Patience is also an accomplished researcher and scholar having won several research grants and published numerous articles in top-tier academic journals.

#### **D. Areas of Specialization**

1. Agribusiness Management
2. Strategic Management
3. Micro and Small business management

#### **E. Research Interest**

1. Youth Employment
2. Entrepreneurship and incubation
3. Agricultural Marketing and Value Chains

#### **F. Selected Publications**

1. Carsten N. H., G. Romanova, B. Abdulkader, K. Aitelkadi, A. Aoudji, A. Bonou, A. Egeru, E. O. Gogo, **P. Mshenga**, B. Mugonola, M. Sassi, J. Ssekandi (2025). Community engagement in African agricultural universities: challenges to the institutionalisation of engaged scholarship. *Higher Education*. <https://doi.org/10.1007/s10734-025-01538-5>
2. Okello, D., **P. M. Mshenga**, G. Owuor, M. Saidi, J. Nyangidi, P. Owino, F. Juma, B. Nyamweno and J. Wanjiku (2025). Universities as Hubs for MSME Capacity Building: Lessons from a Kenyan Bank-Higher Education Institution Training Initiative. *Trends Higher Education*, 4, 32.
3. Ninsiima, R., **P. M. Mshenga**, D. Okello (2025). Determinants of smallholder barley farmers' intentions to adopt blockchain technology: a Technology Acceptance Model approach in Uganda. *Frontiers in Sustainable Food Systems*. Volume 9, 2025. [doi.org/10.3389/fsufs.2025.1552637](https://doi.org/10.3389/fsufs.2025.1552637)

4. Ninsiima, R., **P. M. Mshenga**, D. Okello (2025). Barriers and Bridges: Understanding Blockchain Adoption in Eastern Uganda's Barley Agribusinesses. *African Journal of Agricultural Research*, DOI: 10.5897/AJAR
5. Owiti, M., **P. M. Mshenga**, K. W. Sibiko (2024). The role of producer organizations in promoting farm-level implementation of milk hygiene strategies among dairy farmers in Kenya. *Journal of Agribusiness and Rural Development*. DOI: [10.17306/j.iard.2024.01753](https://doi.org/10.17306/j.iard.2024.01753)
6. Juma, F. L., D. Okello and **P. M. Mshenga** (2024). Demystifying Firm Capabilities of Agri-Supply Chain Stakeholders; Elucidating Strengths and Limitations: An Empirical Study of Irish Potato Producers in Kenya. *Biology, Agriculture and Healthcare*. Vol 14 (3) pp 31-38 ISSN 2224-3208 (Paper) ISSN 2225-093X (Online). ISSN 2224-3208 (Paper) ISSN 2225-093X (Online).
7. Okello, D., **Mshenga, P.**, Saidi, M., Juma, F., Sassi, M., Egeru, A. And Gogo, E. (2024). Entrepreneurship education in East, West and North Africa Higher Education Institutions (HEIs): mapping agripreneurship curriculum and lecturers' competencies. *Discov Educ* 3, 100 (2024). <https://doi.org/10.1007/s44217-024-00204-9>
8. Sassi, M. and **P. M. Mshenga** (2024). Unlocking the potential of university-industry collaborations in African higher education: A comprehensive examination of agricultural faculties. *Industry and Higher Education* 0(0). <https://doi.org/10.1177/09504222241254694>
9. Chirinda N., Abdulkader B., Hjortsø C. N., Aitelkadi K., Salako K. V., Taarji N., Mhada M., Lamdaghri Z., Romanova G., Assogbadjo A. E., Chadare F. J., Saidi M., Sassi M., Mugonola B., Gogo E. O., Ssekandi J., Okalany E., Egeru A., **Mshenga P. M.**, Chfadi T., (2024). Perspectives on the integration of agri-entrepreneurship in tertiary agricultural education in Africa: insights from the AgriENGAGE project. *Frontiers in Sustainable Food Systems*. Vol 8. DOI=10.3389/fsufs.2024.1348167
10. Nakiganda, R. G, D. Okello, H.K. Bett and **P. M. Mshenga** (2024). What Are University Incubated Agribusinesses: A Sustainability: Description of University Incubated Agribusinesses in Kenya. *Journal of Agricultural Science*; Vol. 16, (8), pp ages 1-59; 2024, ISSN 1916-9752 E-ISSN 1916-9760

11. Nangobi, R., **P. M. Mshenga**, & B. Mugonola (2024). Influencers of leadership styles used by farmer organisations in Uganda. *Cogent Social Sciences*, 10(1). <https://doi.org/10.1080/23311886.2023.2294566>
12. Nangobi, R., and **P. Mshenga**, and B. Mugonola, B., (2023). Sustainability of Farmer Organizations in Uganda: The Role of Organizational and Institutional Factors. Available at SSRN: <https://ssrn.com/abstract=4312656> or <http://dx.doi.org/10.2139/ssrn.4312656> (not peer reviewed)
13. Nangobi, R., **P. M. Mshenga**, B. Mugonola (2023). Determinants of farmers' organizational structural choices in Uganda. *SN Business & Economics* 3(8). DOI: [10.1007/s43546-023-00541-1](https://doi.org/10.1007/s43546-023-00541-1)
14. Ogotu, F., **Mshenga, P. M.**, Muriithi, B. W., Khamis. M. F., Mohamed, S., and Ndlela, S. (2022). Agro-Dealers' Knowledge, Perception, and Willingness to Stock a Fungal-Based Biopesticide (ICIPE 20) for Management of *Tuta absoluta* in Kenya. *Agriculture*. 12(2) pp180. <https://doi.org/10.3390/agriculture12020180>
15. Okello, D., G. Owuor, C. Larochelle, E. Gathungu, **P. Mshenga** (2021). Determinants of utilization of agricultural technologies among smallholder dairy farmers in Kenya. *Journal of Agriculture and Food Research* 6 PP 1-11
16. Mwembe, A. M., G. Owuor, J. Langat and **P. Mshenga** (2021). Factors affecting market outlet choice by Agroforestry based mango producers in Kwale and Kilifi counties, Kenya: The application of the Multivariate Probit model. *Cogent Food and Agriculture*, 7(1), 1936367, DOI: [10.1080/23311932.2021.1936367](https://doi.org/10.1080/23311932.2021.1936367)
17. Karani, C., **P. Mshenga** (2021). Steering the Sustainability of Entrepreneurial Start-ups. *Journal of Global Entrepreneurship Research*. <https://doi.org/10.1007/s40497-021-00279-w>
18. Mwaura, S. N., I. M. Kariuki, S. Kiprop, A. S. Muluvi, B. Kiteme and **P. Mshenga** (2020). Impact of water-related collective action on rural household welfare in the Upper Ewaso Ng'iro North Catchment Area: The application of the endogenous switching regression, *Cogent Food & Agriculture*, 6:1, DOI: [10.1080/23311932.2020.1834667](https://doi.org/10.1080/23311932.2020.1834667)
19. Mwambi, M., J. Bijman, **P. Mshenga**, S. Oosting (2020). Adoption of food safety measures: The role of bargaining and processing producer organizations, *NJAS - Wageningen Journal of Life Sciences* 92 (2020) 100337: 2-9

20. Jerop, R., G. Owuor, **P. Mshenga** and P. Kimurto (2020). Effects of finger millet innovations on productivity in Kenya, *Cogent Food & Agriculture*, 6:1, 1830476
21. **Mshenga, P. M.**, N.W. Mungai, O.I. Ayuya, D.O. Okello, D. Mwangi, D. Ouma and J. Jabu (2020). Influence of entrepreneurship education on Egerton University's graduates' intention to start a business. *African Journal of Crop Science*, 28(1): 273-288
22. Rafoneke, L.P., **P. M. Mshenga**, G. Owuor and A.M. Rantlo (2020). Influence of transaction costs on choice of marketing outlets among smallholder peach farmers in Lesotho. *African Journal of Crop Science*, 28(1): 175-186
23. Opondo, F., **P. Mshenga**, A. Louw, (2022), Analysis of Marketing Margins for Cassava Farmers and Traders in Siaya County, Kenya. *Laikipia University Journal of Social Sciences, Education and Humanities*. 1 (2)
24. Opondo, F., G. Owuor, **P. Mshenga**, A. Louw, D. Jordan (2020), Estimation of the Effect of Cassava Commercialization on Different Household Income Measurements in Kilifi County, Kenya. *Journal of Sustainable Development*, 13, (1): 44-58.
25. Mwambi, M., J. Bijman, P. M. Mshenga (2020), Which type of producer organization is (more) inclusive? Dynamics of farmers' membership and participation in the decision-making process. *Annals of Public and Cooperative Economics*, 91 (2), 1-24. DOI: 10.1111/apce.12269
26. Binge, A., **Mshenga, P.**, Kgosikoma, K. (2019), Production and Marketing Constraints of Small Stock Farming: Evidence from Limid and Non-Limid Farmers in Boteti Sub-District, Botswana, *Journal of Agribusiness and Rural Development*, 3(53): 195-201
27. Mukamugema, A., **Mshenga, P.** and Birachi, E. A. (2019), Barriers to Institutional adoption of New Products Innovation: A Case of Precooked Beans among Schools in Rwanda, *Journal of Agribusiness and Rural Development*, 52(2):1-8
28. Dembele, D. K., **Mshenga, P. M.**, Owuor, G., Badolo, F. (2018), Economic Analysis and Determinants of Selected Women-Led Vegetable Enterprises Performance in Koutiala and Bougouni Distircts, Mali, *Journal of Economics and Sustainable Development*, 9(14): 98-104.
29. Aku, A., **Mshenga, P.**, Afari-Sefa, V. and Ochieng, J. (2018), Effect of Market Access provided by Farmer Organizations on Smallholder vegetable farmers' income in Tanzania, *Cogent Food and Agriculture*, 4(1), 1560596. <https://doi.org/10.1080/23311932.2018.1560596>

30. Ingabire, C., **Mshenga, P. M.**, Amacker, M., Langat, J.K., Bigler, C., and Birachi, E.A. (2018), Agricultural transformation in Rwanda: Can Gendered Market Participation Explain the Persistence of Subsistence Farming? *Gender and Women's Studies*, 2(1):4.
31. Jerop , R., Dannenberg, P. , Owuor, G., **Mshenga, P.** , Kimurto, P., Willkomm, M., and Hartmann, G. (2018). Factors affecting the adoption of agricultural innovations on underutilized cereals: The case of finger millet among smallholder farmers in Kenya. *African Journal of Agricultural Research*, Vol. 13(36), pp. 1888-1900.
32. Mbudzya, J., Ingasia, O. A. and **Mshenga, P. M.** (2017), Drivers of small scale farmers' participation in agricultural land rental markets in Kenya. *African Journal of Rural Development*. Vol. 2, (4), p. 511-522, Dec. 2017.
33. Opondo, F., Owuor, G., **Mshenga, P.**, (2017). Is Cassava Commercialization a Strategy for Improving Household Income of Smallholder Farmers in Kenya? Endogenous Switching Model Approach. *Journal of Economics and sustainable Development*, Vol.8 (20), pp.1-11.
34. Arinaitwe, S., **Mshenga, P. M.**, and Ayuya, A. O. (2017). Analysis of risk attitudes and social capital in pineapple marketing: The case of small-scale farmers in Luwero district, Uganda. *African Journal of Rural Development*, Vol. 2 (2): pp. 235-246.
35. Ingabire C., **Mshenga M. P.**, Langat K., Bigler C., Musoni A., Butare L. and Birachi, E. (2017). Towards Commercial Agriculture in Rwanda: Understanding the Determinants of Market Participation among Smallholder Bean Farmers. *African Journal of Food, Agriculture, Nutrition and Development*. Vol. 17 (4), Pp. 12492-12508.
36. Orinda, M, Lagat, J., **Mshenga, P.**, (2017). Analysis of the Determinants of Sweet Potato Value Addition by Smallholder Farmers in Kenya.' *Journal of Economics and Sustainable Development*, Vol.8 (8) pp. 1-11.
37. Ngozi, S., **Mshenga, P.**, Hillbur, P. and Kakuhenzire, R. (2017). Efficiency of Participatory Research Approaches among Smallholder Farmers. *International Journal of Agriculture and Environmental Research*. Vol 3 (2), pp. 2452-2464.
38. Gelgo, B., **Mshenga, P. M.**, Zemedu, L., (2017). Analysis of the Impact of Organic Fertilizer Use on Smallholder Farmers' Income in Shashemene District, Ethiopia. *International Journal of Agricultural Economics*. Vol. 1(4), pp. 117-124

39. **Mshenga, P. M.**, M. Saidi, A. O. Nkurumwa, J. Magogo., S. I. Oradu (2016). Adoption of African indigenous vegetables into agro-pastoral livelihoods for income and food security: Evidence from Kenya. *Journal of Agribusiness in Developing and Emerging Economies*, Vol. 6 (2), pp.110 – 126.
40. Mwambi, M. M., Oduol, J., **Mshenga, P.** and Saidi, M. (2016). Does Contract Farming Improve Smallholder Income? The Case of Avocado Farmers in Kenya. *Journal of Agribusiness in Developing and Emerging Economies*, 6 (1), pp. 2 – 20.
41. Saimon K. V., **Mshenga, P.**, Birachi, E.A., (2016). ‘Factors Influencing on-Farm Common Bean Profitability: The Case of Smallholder Bean Farmers in Babati District, Tanzania.’ *Journal of Economics and Sustainable Development*, Vol.7, (22), PP. 196-201.
42. Magogo, J. R., **Mshenga, P. M.**, Saidi, M., Nkurumwa, A. Oradu, S. I., (2015). Determinants of Choice of Marketing Outlets for African Indigenous Vegetables among the Agro-Pastoral Maasai of Narok and Kajiado Counties of Kenya. *Journal of Economics and Sustainable Development*. 6(8), pp. 29-42.
43. Jonah K. K., J. K. Lagat, **P. Mshenga**, A. M. Mwacharia (2015). Determining the Economic Value of Irrigation Water in Kerio Valley Basin (Kenya) by Residual Value Method. *Journal of Economics and Sustainable Development*. 6, (7), pp. 102-107.
44. Mwacharia, M. A, **Mshenga, P. M.**, Ngigi, M., Gido, E. O, Kiprop, K. J., (2014). ‘Effect of transaction costs on smallholder maize market participation: Case of Kwana District, Trans Nzoia County, Kenya.’ *International Journal of Development and Sustainability*, Vol 3 (4), Pp 715-725. <https://doi.org/10.3390/agriculture12020180> May 2014
45. Muthui, J. N., **P. Mshenga** and B. O. Bebe (2014), “The influence of livestock market structure, conduct and performance on herd productivity among smallholder dairy farmers in Western Kenya.” *Journal of Agricultural Economics and Development*. 3(1) pp.12-16.
46. Wachira, J. M., **Mshenga, P. M.** and Saidi, M. (2014). Comparison of the Profitability of Small-scale Greenhouse and Open-field Tomato Production Systems in Nakuru-North District, Kenya. *Asian Journal of Agricultural Sciences*. 6 (2) PP. 54-61. March 25, 2014
47. Murathi, N. K., M. Ngigi, **P. M. Mshenga**, (2014), Perception of Smallholder Farmers towards the Kilimo Plus Subsidy Program in Nakuru North District, Kenya. *IOSR Journal of Agriculture and Veterinary Science*. 6 (6), PP. 28-32.

48. Adesope, O.M.; **Mshenga, P.M.**; Mugonola, B.; Manjur, K.; and Carsten, N., (2014). 'Entrepreneurial Knowledge and Skills Needed by Agriculture Undergraduates' as Prerequisites for Sustainable Livelihood.' *VEF Journal of Agriculture, Rural and Community Development*, Vol.1, No. 2, 2014
49. Mutai, J. K., **P. Mshenga**, B. Njehia, and G. K. Kosgei (2013). Socio-Economic Factors Influencing Farmers' Participation in Grain Warehouse Receipt System and the Extent of Participation in Nakuru District, Kenya. *Journal of Economics and Sustainable Development*. 4(19) PP. 38-43.
50. Ogeto, R. M., **P. Mshenga**, E. Cheruiyot and C. N. Onyari (2012). "Influence of Institutional Factors on Sorghum Production in Nakuru County, Kenya." *Journal of Agricultural Economics and Development*. 1(6) pp 130-137.
51. **Mshenga, P. M.**, and R. Richardson (2013). "Micro and small enterprise participation in tourism in coastal Kenya." *Small Business Economics*. 41, 667–681.
52. Isaboke, H. N., **P. Mshenga** and M. Saidi (2012). "The Effect of Butternut Squash (*Cucurbita moschata*) on the Incomes of the Small-Holders in Suba District, Kenya." *Asian Journal of Agricultural Sciences* 4(5): 319-324.
53. Isaboke, H. N., **P. Mshenga**, B. K. Mutai and M. Saidi (2012). "Determinants of Adoption of Butternut Squash (*Cucurbita moschata*) Farming among Smallholders in Suba District, Kenya.
54. **Mshenga, P. M.**, R. Richardson, B. K. Njehia and E. A. Birachi, (2011). "Antecedents to Kenyan Coast Hotels' Purchases of Agricultural Products." *International Journal of Hospitality & Tourism Systems*. 4 (2), 12-20.
55. Ngore, P. M., **P.M. Mshenga**, G. Owuor and B. K. Mutai (2011). "Socioeconomic Factors Influencing Meat Value Addition by Rural Agribusinesses in Kenya." *Current Research Journal of Social Sciences*. 3(6), pp. 453-464.
56. **Mshenga, P. M.**, R. Richardson, B. K. Njehia and E. A. Birachi, (2010) "The Contribution of Tourism to Micro and Small Enterprise Growth" *Tourism Economics* .Vol.16 , (4), pp. 953-964.
57. **Mshenga, P. M.**, G. Owuor, (2009). "Opportunities Available to Micro and Small Scale Businesses in the Tourism Sector: The Case of the Kenyan Coast." *KCA Journal of Business Management*, Vol. 2, (2), pp. 52-68.

58. Owuor , G., A. S. Ouma , M. Ngigi , and **P. Mlongo** (2009), "Technical Efficiency of Smallholder Farmers In Kenya." *Journal of Agriculture and Rural development*, Vol. 3, pp. 14-29.
59. Barbieri, C. and **P. Mshenga**, (2008), "The Role of Firm and Owner Characteristics on the Performance of Agritourism Farms", *Sociologia Ruralis*, 48 (2), pp.166 -183.

## **G. Books/Book Chapters**

1. Mungai, N., D. Ongeng, **P. Mshenga** and M. Lindow (2023). Facilitating a Student and Community-Centred, Experiential Approach to Research and Innovation. DOI: 10.4324/9781003387497-8
2. Giel T., N. O. Haddad, J. Bijman, M. Sraïri and **P. Mshenga** (2016). Organizational Challenges and the Institutional Environment: A Comparative Analysis of Kenya and Morocco. Food and Agriculture Organization. ISBN 978-94-6343-031-9 (WUR), ISBN 978-92-5-109579-9 (FAO).

## **H. Project/Dissertation/Thesis Supervision**

### **PhD Thesis**

1. **Irene Lynette Akidi**. Analysis of Governance Structures Utilised by Apiculture Farmers in Uganda. (Ongoing)
2. **Racheal Ninsiima**. Effect of Blockchain Technology on the Performance of Barley Farmers in Eastern Uganda (Ongoing)
3. Nangobi, R. (2024). Institutional and Management Factors Influencing Sustainability of Farmer Organizations in Uganda
4. Ngozi, S. M. (2022). Analysis Of Risk Management Strategies among Potato (*Solanum tuberosum*) Smallholder Farmers in Tanzania
5. Jerop, R. (2019). Role of Agricultural Innovations on Productivity and Commercialisation of Underutilized Cereals: The Case of Finger Millet among Smallholder Farmers in Elgeyo Marakwet County, Kenya
6. Ingabire, C. (2019). Market Participation and its Effects on Employment and Food Access within Households of Smallholder Women Farmers in Rwanda

7. Opondo, F. A. (2018). The effect of cassava commercialization on household income of smallholder farmers in arid and semi-arid land (ASALS). The case of Kilifi and Siaya counties, Kenya.

### **Masters Thesis**

1. Owiti, M. A. (2024). Role Of Producer Organizations in Improving Milk Production and Safety Among Dairy Farmers in South Imenti, Meru County, Kenya (Awaiting graduation)
2. Luttah J. F. (2024). Effect of Entrepreneurial Competency and Agrienterprise Farm Capability on Performance of Smallholder Irish Potato Farmers in Nyandarua County, Kenya
3. Gwiza, S. (2024). Evaluation of Circular Agricultural Practices on the Profitability of Maize among Smallholder Farmers in Nakuru County, Kenya
4. Mathapelo, E. M. (2024). Effects of Digital Technologies on Marketing of Green Leafy Vegetables among Smallholder Farmers in Lari SubCounty, Kenya
5. Ogutu, F. (2023). Assessment of the Feasibility of Stocking a Fungal Based Biopesticide (*Metarhizium Anisopliae*) by Agro-Dealers in Kirinyaga County, Kenya
6. Mohamed, S. H. (2021). Effect of Agribusiness Intervention Program on Youth Participation and Small Horticultural Enterprises in Pwani and Morogoro Regions, Tanzania
7. Agbolosoo, J. A. (2020). Effect Of Entrepreneurial Behaviour on Competitive Advantage and Performance of Small scale Potato Enterprises in Molo Sub County, Kenya
8. Rafoneke, L. P. (2020). Transaction Cost factors influencing choice of market outlets among smallholder peach farmer in Lesotho
9. Otieno, D. O. (2019). Analysis of Informal Milk Market Structure, Conduct and Performance of Small and Medium Dairy Enterprises in Olenguruone and Bahati in Nakuru County, Kenya
10. Binge, A. (2019). Effects of participation in LIMID programme on household welfare of small stock producers in Boteti sub-district, Botswana
11. Mukamugema, A. (2019). Ex-ante evaluation of economic and environmental effects of using precooked bean products by schools in Rwanda

12. Ageyo, C. O. (2018). Business models for linking smallholder farmers to markets: The case of banana producers in Meru county, Kenya
13. Twaya, G. W. (2018). Effect of participation in farmer based organizations on profitability of Pigeon pea (*Cajanus cajan*) enterprise in Mulanje District, Malawi
14. Arinaitwe, S. (2017). Role of risk attitude and social capital in pineapple marketing among small scale farmers in Luwero District, Uganda
15. Mbudzya, J. J. (2018). Effect of Agricultural Land Rental Market Participation On Agricultural Income of Small Scale Farmers in Kwale County, Kenya
17. Mtui, M. A. (2017). Economic cost evaluation of selected vegetable post-harvest losses in Babati District, Tanzania
18. Aku, O. A. (2017). Influence of Farmer Organizations as a market Information System on Market Access and Income of smallholder Vegetable farmers in Babati District, Tanzania
19. Njogu, J. W. (2017). Assessment of demand for dairy cow feeds and market participation decision of small scale farmers in Kiambu county
20. Biru, G. D. (2016). Determinants of Adoption of Organic Fertilizer by Smallholder Farmers in Shashemene District, Ethiopia
21. Karane, S. V. (2016). Factors Influencing On-Farm Common Bean Profitability: The Case of Smallholder Bean Farmers in Babati District, Tanzania
22. Kimei, S. (2016). Analysis of Bean Commercialization and Food Security Trade-Off: A Case of Smallholder Farmers in Rwanda.
23. Kamunye, K. K. (2016). An Analysis of Determinants of Market Participation Among Smallholder Common Bean Farmers in Rwanda: A Gendered Approach.
24. Ngozi, S. (2016). Efficiency and Effectiveness of Participatory Research Approaches Among Smallholder Farmers in Babati District; Tanzania
25. Magogo, J. R. (2015). An analysis of marketing of African indigenous vegetables among Agro-pastoral Maasai of Narok and Kajiado Counties
26. Odera, E. V. (2015). Analysis of common Bean Cross Border Trade in East Africa: The Case of Kenya
27. Macharia, M. A (2013) Effect of Transaction Costs on Smallholder Maize Market Participation: A case of Kwanza district, Transzoia County, Kenya.

28. Mwambi, M. (2013) Participation of smallholder avocado farmers in contract farming and its effect on income in Kandara district, Kenya
29. Gachucha, M. (2013). Socio-Economic Analysis of Commercial Fish Farming in Kisii County– Kenya.’
30. Oloo, G. I. (2013) Evaluation of Climate Change Adaptation Strategies and their Effect on Food Production among Smallholder Farmers in Bungoma County, Kenya.
31. Ayele, Y. A. (2013) Factors Influencing Market Participation of Farmers along the Haricot Bean Market Chain in Meskan District, Ethiopia.
32. Nanjala, R. W. (2013) A gendered Analysis of the Determinants and Effects of Peanut Value addition on household income in Rongo and Ndhiwa Districts, Kenya.
33. Orinda, M. A. (2012). Analysis of Factors Influencing Sweet potato value addition amongst Farmers in Rachuonyo South District, Kenya.
34. Ogeto, R. M. (2012). Influence of Socioeconomic and Institutional Factors on Participation and Extent of Sorghum Production: Case of Nakuru County, Kenya
35. Isaboke, H. (2011). Factors Influencing the Adoption of Butternut Squash Farming.
36. Wachira, John (2011). Comparison of Open Field and Greenhouse Tomato Production Systems in Nakuru North District, Kenya.
37. Muthee Patrick (2010). Evaluation of Factors Influencing Value Addition by Butchery Agribusinesses in Igembe North District, Kenya.
38. Kirui Leonard (2010). Farmers Response to Climate Change. The Case of Wheat Farmers in Nakuru District, Kenya.
39. Otieno, G. (2010). Effect of value addition on price: a hedonic analysis of peanuts in Nairobi, Kenya retail supermarkets.

## **I. Research Grants and Funding**

1. **European Education and Culture Executive Agency (EACEA). Euro 1,000,000. 2025-2029.**  
AgriOpen Campus Project
2. **RUFORUM. USD 1,500,000. 2025-2029.** Agri-Food Systems Community Action Research and Entrepreneurship Projects (ASEC). **Collaborator**

3. **Cascade Climate Inc. USD \$152,880.** 2025-2027. Investigating the impact of Enhanced Rock Weathering on soil organic carbon dynamics in tropical smallholder systems. **Collaborator**
4. **European Commission. Euro 971,442.62.** 2024-2026. Enhancing adoption of competence based agricultural curricula in HEIs in East Africa (AgrCBE) project. **Collaborator**
5. **The Mastercard Foundation through RUFORUM. USD 4,746,041.** 2024-2033. Transforming African Agricultural Universities to meaningfully contribute to Africa's growth and development (TAGDev 2.0). **Collaborator**
6. **European Commission. Euro 1,795,200.** 2023-2027. Partnership to Strengthen Graduate Training and Research Capacity for developing climate smart agrifood systems in Central and East Africa (CSAS). **Collaborator**
7. **European Commission. Euro 994,811.** 2021-2024. Strengthening Agri-Entrepreneurship and Community Engagement Training in East, West and North Africa (AgriENGAGE). **Principal Investigator**
8. **Finnish Government. Euro 1,874,604.** 2020-2024. Problem-based-learning bioeconomy entrepreneurship and capacity building programme in Africa (PBL-BioAfrica). **Collaborator**
9. **European Commission. EURO 992,950.** 2020-2023. Innovative learning and co-creation of teaching methodology for scaling entrepreneurship in food and agribusiness in Sub-Saharan Africa (AgriSCALE). **Collaborator**
10. **RUFORUM. USD 50, 000.** 2018-2020. Empowering Kenyan Youth through Agrienterprise Incubation for Improved Livelihoods and Economic Development (AGLEAD). **Principal Investigator**
11. **The Mastercard Foundation. USD 27,000,000.** 2016-2024. Transforming African Agricultural Universities to meaningfully contribute to Africa's growth and development (TAGDev). **Collaborator**
12. **Netherlands Organisation for Scientific Research (WOTRO). Euro 923,000.** 2015-2019. Local and International Business Collaboration for Productivity and Quality Improvement in Dairy Chains in Vietnam, Indonesia, Tanzania and Kenya (LIQUID). **Collaborator**
13. **European Commission-ACP-EU Co-operation Programme in Higher Education (EDULINK II). Euro 496,368,** 2013-2015. Strengthening University capacity to enhance competitiveness of Agribusiness in East and West Africa. **Principal Investigator**

14. **Ford Foundation (through RUFORUM). \$ 57,375.** 2012-2014. Transforming Universities to Stimulate Pro-Poor Agri-Enterprise Development in Eastern Africa using Value Chain and the Round Table Approach to Postgraduate Training. **Principal Investigator**
15. **Netherlands Initiative for Capacity development in Higher Education (NUFFIC). Euro 1,150,000.** 2012-2014. Building capacity to deliver competent graduates for enhanced competitiveness in the dairy value chain. **Collaborator**
16. **CMAAE Faculty Research Grant. USD 15,000.** 2012-2013. Potential of Integrating Underutilized Vegetables into Agro-Pastoral Livelihoods for Income and Nutritional Security in Kajiado and Narok, Counties of Kenya. **Principal Investigator**
17. **National Council for Science and Technology (NCST). USD 33,000,** 2012-2013. Linking Agriculture to Tourism Livelihoods in Coastal Kenya. **Collaborator.**
18. **Kenya Agricultural Productivity and Agribusiness Project (KAPAP). USD 62,500.** 2011-2014. Value Chain analysis and Evaluation of Sorghum Genotypes for Domestic and Industrial uses in Kenya. **Collaborator**
19. **CMAAE Faculty Research Grant. USD 15,000.** 2010-2011. A comparative Analysis of Breeding Information Sourcing and Net Margin Estimates of Inseminations and Replacement Decisions of Smallholder Dairy Farmers. **Collaborator**

**J. Consultancies** Food and Agriculture Organization and Wageningen University (LEI), (2015) – **Organizational and Institutional Challenges in Dairy Cooperatives**

1. **KCB Foundation (2024-2025)** – Provision of Business Development Services to Micro and Small Scale Enterprises in Egerton, Njoro and Gilgil.
2. **USAID Empowered Youth Project (2022)** – Youth Labour Market Assessment in Nakuru, Kiambu, Mombasa, Kisumu, Kakamega and Isiolo Counties
3. **Michigan State University (2021)-** Consultancy on opportunities and challenges for youth employment in agriculture in Northern, Southeastern and Western Counties of Kenya
4. **JAMINT Rwanda Program, (2017)** - Vocational Skills Capacity Enhancement in Rwanda
5. **Food and Agriculture Organization and Wageningen University (LEI), (2015)** – Organizational and Institutional Challenges in Dairy Cooperatives in Kenya