
CURRICULUM VITAE

1.0 PERSONAL INFORMATION

NAME: Prof. Maina Mwangi
Work address: Department of Agricultural Science and Technology,
School of Agriculture and Enterprise Development,
Kenyatta University
Mailing address: Official: P.O. Box 43844 Postcode 00100 Nairobi
Mailing address: Private: P.O. Box 724 Postcode 00232 Ruiru
Mobile phone: +254710860550
Email: Official: maina.mwangi@ku.ac.ke Private: mmainam@gmail.com
Whatsapp: +254756494951
Google scholar ID: <https://scholar.google.com/citations?user=bcWe8CoAAAAJ&hl=en>
ORCID: <https://orcid.org/0000-0003-4136-8963>

2.0 ACADEMIC QUALIFICATIONS

- **2003:** PhD Plant pathology, University of Bonn, Germany
- **1997:** MSc Plant pathology, University of Nairobi, Kenya
- **1994:** BSc Agriculture, University of Nairobi

2.1 MANAGEMENT TRAINING

2020 - MBA (Leadership & Sustainability), University of Cumbria (UK). Modules in *Organizational Behavior, Financial Management, Marketing Management, Money management, Strategic Management*. Dissertation on *Adaptability in design and implementation of strategic plans in Kenyan public universities*.

- August – October 2020: Gender in Science, Technology and Innovation course. University of Witwatersrand, South Africa.
- 2017/ 2018 Training for Deans and Directors on Quality Leadership and Management: A Driver of Change in Higher Education. Organized by the Dialogue on Innovative Higher Education Strategies, DAAD.
- 2018-2019: Training on the East Africa Network of Universities of Applied Sciences. Hochschule Neu Ulm and Technische Hochschule Ingolstadt, Germany.

2.2 TEACHING EXPERIENCE / EMPLOYMENT HISTORY

Current: Associate Professor, Plant Pathology, Kenyatta University
April 2013 to 2019: Senior Lecturer, Department of Agric. Science & Technology, KU
2009 to 2013: Lecturer, Department of Agric. Science & Technology, KU
2008 – April 2009: Manager, Biosciences Business Units, Farm & Community Tech Ltd.
8/2005 – 2007: Plant Pathologist, Int. Institute of Tropical Agric., Kampala, Uganda.
2003 – 7/2005: Post Doc, International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria.

2.3 ADMINISTRATION RESPONSIBILITIES

1. June 2022- Director, Innovations Incubation and University Industry Linkages.
 2. 2021- 2022: Various times- Acting, chair AST Department and Dean, SAED
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3. 1st August 2018 – July 31, 2020: Director, Research Support and Dissemination, KU.
4. May 2016 to 30th July 2018: Director, Research Support, Kenyatta University.
5. April 2011 – May 2016: Director, Grant Writing and Management
6. On various dates: Acting Registrar- Research, Innovation and Outreach.

2.4 MEMBERSHIP TO OTHER COMMITTEES OR UNIVERSITY BOARD

1. 2022- Member, Committee to oversee implementation of cost cutting and restructuring measures.
2. 2022- Member Committee to develop mechanism to ensure high completion of postgraduate students at Kenyatta University.
3. 2022- Member, YALI programme extension phase team to develop proposal to USAID.
4. Oct 2020 – Chairman, Committee to develop policy on joint degree between KU and other institutions.
5. 30th Jan 2019 – Board Member, Endowment & Alumni programmes Directorate, KU.
6. 2019- Chair, Marketing and Publicity Subcommittee, KU Biennial Research and Innovation exhibition.
7. 2016 – Current: Member, Kenyatta University Research Advisory Board.
8. 2014 – 2016: Member, Board of Management of Chandaria Business Innovations and Incubation Center (CBIIC), Kenyatta University.
9. 2015 – 2017: Board Member, Centre for International Partnerships and Collaborations, Kenyatta University.
10. 2013 –2017 : Board Member, Institute of African Studies at Kenyatta University.
11. 2010- 2011: Coordinator: Open, Distance and e-Learning programmes in School of Agriculture and Enterprise Development, KU.
12. 2009 – 2011: Coordinator: Quality Management Systems and ISO standards in School of Agriculture and Enterprise Development and also Department of Agricultural Science and Technology.
13. 2009 – 2011: Examinations Coordinator: Department of Agricultural Science and Technology.
14. 2011- current: Professional Mentor in Agribusiness innovations at Chandaria BIIC
15. 2013 - current: Lead trainer in Agribusiness at the African Centre for Transformative and Inclusive Leadership (ACTIL), UN Women / Kenyatta university centre.
16. 2014/2015/2017: Development of the Agribusiness training module and curriculum for the KU-UN Women-ACTIL (African Centre for Transformative and Inclusive Leadership).
17. 2015 – current: appointment to various Departmental committees including head of subject section-Plant pathology; management and advisory committee; examination moderation committee; research and resource mobilisation committee; departmental advancement, community outreach, linkages and consultancy committee
18. 2015 - current: member, Committee of the African Development Bank Doctoral and MSc training programme in Chemistry and Physics SPAS.
19. 2015: Policy development committee for Chandaria BIIC.
20. 2015: Policy Development committee for the Centre for Partnerships and International Collaborations.
21. 2014 - current: member Kenyatta University speeches writing committee
22. 2017: member UBORA and ABEM project / grant implementation committee.

3.0 RESEARCH AND GRANTS FUNDING

1. 2020 – Kenya Climate Smart Agriculture Programme project Ksh. 22 M on Use of Climate Smart Technologies To Enhance Open Field Tomato Production In Arid And Semi-Arid Areas, collaborating with KALRO.
2. 2017: Awarded Ksh 15.8 M by National Research Fund for research on Enhancing Agribusiness, Livelihoods and Environment through better management of pests and diseases of horticultural crops (ENABLE-HORT).
3. 2019- Coordinating IUCEA training programme scholarships awarded to KU (14 MSc students awarded in cycle 1 -2019).
4. 2015: Awarded USD 59,909 by RUFORUM for project on Promotion of technologies to enhance passion fruit productivity under recurring drought events in semi arid eastern Kenya.
5. 2015- 2019: Coordinating DAAD InCountry/Inregion scholarships programme at KU. Over 90 MSc and PhD scholarships awarded since 2015.
6. 2013- 2017: Awarded 584,899 Euro grant by EU/ EDULINK program for project on Enhancing teaching of agriculture sciences in higher education institutions in East and Southern Africa. European Union, Euro.
7. 2014: KU component of the African Universities Research Approaches project. 2014 – 2016. Partnered with IDS (UK), Loughborough University (UK), Strathmore University, Muhimbili University.
8. 2014: Phase II of KAPAP/ World Bank program for Passion fruit research. Additional Ksh 2 M to phase 1 grant of KSh. 7 M under the Fruits value Chain project funded by Kenya Agricultural Productivity and Agribusiness project (KAPAP).
9. 2014: Lead supervisor, NACOSTI funded PhD project on “Influence of Priming on Seed Quality of Soybean Genotypes Under Different Storage Agro-ecologies and Mother Plant Nutrient Profiles in Kenya” (Grace Chirchir), Ksh. 684,000.
10. 2014: Supervisor in award of NACOSTI funded PhD research project on, “The influence of a radio intervention on farmers’ understanding and practices in climate change mitigation and adaptation in Kenya” (to Fiona. N. Mwaniki), Ksh. 600,000.
11. 2012: Lead supervisor: Cassava and sweet potato propagation project by MSc student (Kwame Ogero) on low cost tissue culture funded by National Council of Science and Technology: Ksh. 200,000.00
12. 2012: lead supervisor for NACOSTI grant for passion fruit pathology project for MSc student (Carol Wangungu) funded by National Council of Science and Technology. KES 200,000.
13. 2012: Joint award of Ksh. 2 million by NACOSTI Project on “Delivering technologies to salvage and sustain the high tunnel (“greenhouse”) innovation for profitable small holder tomato production in rural Kenya’ 2012 - 2014. KES 2000,000 with. Dr. Jesca Mbaka, Partners KALRO, KENAFF, Ministry of Agriculture, tunnel fabricators, tomato marketers and nursery operators.
14. Collaborating researcher: Project on : Enhancing cassava productivity through application of Marker Assisted Selection for Mosaic and Brown Streak disease resistance – Funded by East Africa Agricultural productivity project - EAAPP/OCGS/01/2011/19.

15. Coordinator: Integrated Soil Fertility Management Training programme grant to Kenyatta University by the Alliance for A Green revolution in Africa (AGRA) to train 15 MSc level professionals from Mozambique, Rwanda and Kenya and equip state of the art laboratory for soil and plant tissue analysis; 2010 – 2013, USD 715,000.
16. 2010: Awarded 60, 000 USD by RUFORUM for project on Banana macropropagation , 2010 – 2012. Partners KALRO, Farm and Community Technologies Ltd.
17. 2009: - Coordinated Kenyatta University component of the USD 250,000 Farmer Voice Radio project, funded by American Institutes for Research (AIR), partners KENAFF, JKUAT, KBC, FIT Resources, PUEA, and Ministry of Agriculture.
18. 2005 – 2007: Coordinator, Banana Xanthomonas Wilt component of the regional Crop Crisis Control project-C3P project (<http://c3project.iita.org/>) for six countries, funded by USAID, led by Catholic Relief Services (USD 4.5 M).
19. 2007 - ASARECA BXW management project Euro 420,000, developed and implemented with NARS in Kenya, Uganda and Democratic Republic of Congo.
20. 2006: Funding to hire Associate Professional Officer for BXW vector management, \$ 282, 000 (2006 – 2009) (The Netherlands government).
21. 2006: IFAR grant in 2006 for NARS capacity building in DR Congo, total budget \$11,000.
22. 2006: DFID Research Into Use Program, 2006. Technology evaluation grant, 7500 Pounds.

CONSULTING FOR EXTERNAL ORGANISATIONS

1. May 2021- Feb, 2022: Consultant (team member). Gender Analysis in Food Safety in Africa 12 countries- Ghana, Mali, Rwanda, Kenya, Zambia, Angola, Benin, Cameroon, Egypt, Ethiopia, Burkina Faso, and Togo. Tanager/ ACIDI – VOCA for the African-Union PACA (Partnership for Aflatoxin Control in Africa).
2. Strategic Plan Development for the Forum for Agricultural Advisory Services- Kenya (KeFAAS). Oct 2021- May 2022.
3. August 2021 – October 2021: Technical Lead, Consultancy on Global Capacity Needs Assessment for Integrating Nutrition into Extension and Advisory Services in Africa – 10 countries. FAO and African Forum for Agricultural Advisory Services.
4. May 2021 - August 2021: Lead Consultant, Evaluation of the Improving Bean productivity and Markets Project implementation in six countries - Kenya, Uganda, Tanzania, Rwanda, Zambia, Cameroon. Pan African Bean Research Alliance / CIAT.
5. Nov 2020 – June 2021: Technical Lead. Consultancy on Evaluation of the Water Efficient Maize for Africa (WEMA) project implemented in 3 countries- Kenya, Uganda and Tanzania 2008 – 2018. AATF.
6. July – November 2020: Technical lead, evaluation of the Smallholder Horticulture Empowerment and promotion project (SHEP) project contribution to human capital development. IFPRI/ JICA/ FAO
7. July –September 2020: Policy development expert on engaging private sector and youth to scale up extension service delivery innovations. Support planning and organising series of webinars on Community of Practice. Contracted by KeFAAS for Developing Local extension Capacity (DLEC) project of IFPRI and others, funded by USAID Feed the Future Programme.

8. Oct 2020 – Jan 2021: Evaluation of agriculture TVET institutions and extension service providers in western Kenya. Contracted by GiZ.
9. March 2020: External Reviewer of applications submitted to the Mawazo Institute 2020 PhD Scholars programme.
10. 2018-2019: Consultant for developing training modules for Agribusiness course at the African Center for Transformative and Inclusive Leadership
11. 2016: Member of Judging panel- Total start-upper challenge innovation competition. Total Kenya/ Chandaria BIIC.
12. 21st – 25th November 2016. Facilitated training on Value Chain Concept and Resource mobilization / Networking during training workshop for Transformative leadership in agribusiness workshop. Theme- Unleashing the potential in Agribusiness on a transformative approach. ACTIL, Kenyatta University.
13. 15-16th March, 2016: Invited to present paper on “Communicating and publishing research” during Roundtable on Research and Knowledge systems in Somalia. INASP and Rift Valley Institute. British Council, Nairobi, Kenya.
14. 7th – 9th October 2015: facilitated training on Networking Skills during workshop for Transformative leadership and entrepreneurship training for women in the banking industry. GULF Bank/ ACTIL, Kenyatta University.
15. 18th – 25th October, 2015. Facilitated expert input to training on “Women Economic Empowerment 2014 Alumni follow up workshop. ACTIL/ Kenyatta University.
16. 21st – 24th October 2014: facilitated training with UN Women-ACTIL on “Sourcing for Grants / Funds” during training workshop on Transformational Leadership for University Women, Kenyatta University.
17. 9th – 15th November 2014. Facilitated training on Opportunities and challenges in agribusiness from a gender perspective” during workshop for Women in Agribusiness-leaders training. Theme- moving from business by necessity to business by choice. ACTIL/ Kenyatta University.
18. 2012-2013: Judge panel, Next Big Thing innovations competition, Nation Media/ Chandaria BIIC
19. 2nd – 7th December 2013: Facilitated training with UN Women- ACTIL to Ethiopian women during Workshop on transformational leadership in agribusiness for Ethiopian leaders. Addis Ababa, Ethiopia.
20. 2012: Lead consultant on *Assessment of Quality Management of the Kenya National Domestic Biogas Programme (KENDBIP)*, April – June 2012. Implementers SNV (Netherlands), Hivos, KENFAP (Kenya).
21. Reviewer for research proposals in the Staple Crops Programme of ASARECA, “*Innovations for sustainable production and utilization of pearl millet in drought prone areas of East & Central Africa*”. April 2011, Entebbe Uganda.
22. 2011: Baseline assessment of the AGRA ISFM programme at KU, March 2011.
23. Reviewer for research proposals submitted to the High Value Non-Staple Crops (HVNSC) programme of ASARECA. “*Utilisation of bean innovations for food security and improved livelihoods in eastern and central Africa.*” October 2010, Entebbe, Uganda.

4.0 POSTGRADUATE STUDENTS SUPERVISION

4.1 PHD STUDENTS

1. 2016: Grace Chirchir, A99/24919/2011, Influence of priming on seed quality of soybean genotypes under different mother nutrient profiles and agroecologies in Kenya. COMPLETED

2. 2015: Mutura James Kuria, A99/13210/2009, Analysis of vertical and horizontal integration of smallholder dairy farming enterprises in lower Central Province, Kenya. PhD completed. COMPLETED
3. 2013: Mugambi David K, A99/13212/2009, Evaluation of milk production efficiency in eastern central highlands of Kenya as an indicator of product demand. COMPLETED
4. 2014: Peter Mwirigi, A99/27276/2014: Morphological characterization, water stress tolerance and nutrient management of yellow passion fruits (*Passiflora edulis f. flavicarpa*) in Mbeere District, Embu County. ONGOING
5. 2015: Paul Nyamwamu, A99/28498/014: Transmission mechanisms and management of the maize lethal necrosis disease. ONGOING
6. 2015: Njue Annette Mukami, NM85/21929/2012: The effects of pesticides on soil microbial activity and nutrient availability in French beans (*Phaseolus vulgaris*) in Muranga County, Kenya. ONGOING
7. 2016: Njeri Njau, AG431-0085/2016 (JKUAT): Distribution, Epidemiology and Management of *Ralstonia Solanacearum* on Nightshade (*Solanum Spp.*) Under Varying Climate Conditions. ONGOING
8. 2018: FELIX MATHERI (BSc., MSc), I84/38307/2017. Diversity and abundance of nematode fauna under amendments and physical-chemical dynamics of farm yard compost based on morphological and molecular tools.

4.2 MSC STUDENTS

COMPLETED

1. 2022 - NYANG'AU NYAGWONDA DOUGLAS (B.Sc.). A145/CE/28000/2015. Occurrence, Abundance And Distribution Of Plant Parasitic Nematodes Associated With Bananas In Kisii And Migori Counties, Kenya
2. 2021 - KARIUKI ANN NYAMBURA (BSc. Agriculture). Reg. No. A145/32299/2016. Effect Of *Trichoderma Viride* And *Paecilomyces Lilacinus* On The Management Of Root-Knot Nematodes On Tomatoes In Kenya.
3. 2021 - Agong Steve Ochieng, Reg. No.: A145/37615/2016. Biocontrol of late blight *Phytophthora infestans* on potato using selected fungal antagonists and plant extracts in Kiambu County, Kenya
4. 2021 - MUTHONI TERESIA WANJIRU (BSc. CROP PROTECTION). A145/OL/CTY/ 32298/ 2016. Effects of *Pseudomonas Fluorescens* And Neem Extract In Management Of *Fusarium Solani F. Sp. Phaseoli* Of French Beans In Kirinyaga County, Kenya 2020 –
5. 2021: AWA CHELANGAT, A144/OL/14731/2009. Influence of arbuscular mycorrhizae on plant phosphorous nutrition, rooting, and growth of selected tea (*Camellia sinensis*) clones.
6. Aprodia Kavutu Murero [BSc. Agric.]. A145/38267/2016. Effectiveness Of Antagonistic Bacterial Isolates Against Crown 2020: Victor Ndalo A146/25554/2013 - Population dynamics and indigenous parasitoid guild of tomato leaf miner (*Tuta absoluta*) in Loitokitok, Kajiado County Kenya.
7. Gall Disease Of Roses From Kiambu, Nakuru And Laikipia Counties, Kenya
8. 2019 - Barasa W. Michael. Reg. No: A145/38309/2016. Efficacy of Entomopathogenic Fungi Against Tomato Pests In Bungoma County, Kenya
9. 2019: Justine Michoma, A144/30875/2015. . Evaluation Of Water Conserving Technologies For Sustainable Production Of Yellow Passion Fruit In Embu County

10. 2018: Edna Abasi, A144/28218/2015. Effect Of Vine Density On Growth, Yield And Nutrient Partitioning Of Sweet Yellow Passion Fruits (*Passiflora edulis* var. *flavicarpa*) In Embu County, Kenya
11. 2018: Stella Ignatius, A144/OL/22324/2011: Evaluation of grafting technology for management of bacterial wilt of tomatoes.
12. 2016: Amos Chacha, A152/25630/2013. Assessment of profit efficiency among sweet yellow passion fruit farmers in Mbeere South District, Embu County.
13. 2014: Riziki Mwandalu, A148/25776/2011. Improving sorghum grain yield through use of fertilizer and manure in Makueni and Machakos County, Eastern Kenya.
14. 2013: Charles Karani, A103/21596/2010. Evaluation of production efficiency of small scale purple passion fruit farmers towards improved livelihoods in eastern and north-rift regions, Kenya
15. 2013: Martha Kasyoka, A103/13327/09. Efficiency of macropropagation in relation to other banana seedling production methods.
16. 2012: Carolyne Wangungu, A103/12216/09, Etiology, epidemiology and management of dieback disease of passion fruit (*Passiflora edulis*) in Central and Eastern regions.
17. 2012: Njeri Njau, A103/13606/2009. Determination of the effectiveness of macropropagation technique in production of healthy banana seedlings.
18. 2012: Kwame Ogero, A144/13872/2009: Micropropagation of cassava (*Manihot esculenta* Crantz) and sweet potato (*Ipomoea batatas* (L) Lam) through low cost and conventional tissue culture.

ONGOING

1. 2020- Malaka Musime Samuel (B.Sc Microbiol.) A145/OL/CTY/25281/2018. Virulence, Diversity and Management of *Fusarium oxysporum* f.sp. *cubense* infecting Bananas in Tharaka Nithi County, Kenya.
2. 2020 - Imbayi Makongo Berice (Bsc. CIP), A145/27703/2018. Effectiveness of Pheromone Traps in Management of Tephritid Fruit Flies On Mangoes In Central, Kenya.
3. 2018 - Obachi Isaac Ombaye (Bsc. Horticulture), EG.NO:A145/OL/NKU/ 26689/2015. Evaluation Of *Trichoderma Asperellum* And *Gliocladium Catenulatum* In Biocontrol Of Root Rot Of Beans In Soil And Soilless Culture.
4. 2018: PETER SHANGO (B.Sc.) A145/OL/NKU/26326/2015. Assessment And Detection Of Maize Chlorotic Mottle Virus Stability In Maize Seeds In Kenya.
5. 2018 - PAUL MAGDALENE WANZA. REG. NO: A145/OL/CTY/26985/2015. Management Of Crown Gall Disease In Asteraceae Flower Cuttings In Nairobi City County, Kenya.
6. 2015: Ombachi ombaye, A145/OL/NKU/26689/2015. Evaluation of *Trichoderma asperellum* and *Gliocladium catenulatum* in Biocontrol of Root Rot of Beans in Soilless Culture.
7. MWASAME, EVANS NATEMBEYA (BES.) A145/OL/CTY/27632/2014. Correlation Between Maize Lethal Necrosis Disease (MLND) And Mycotoxin In Maize Lethal Necrosis Hotspots In Kenya

5.0 EXTERNAL EXAMINER FOR OTHER UNIVERSITIES

- Meru University of Science and Technology- External examiner for Department of Agriculture in the School of Agriculture and Food Science. Appointed 8th Dec, 2021.
- Taita Taveta University postgraduate theses
- University of Nairobi

- Appointed external examiner for Department of plant sciences and crop protection Jan 2018- 2021.
- University of Nairobi external examination of MSc and PhD theses
- Egerton University postgraduate theses external examiner
- Jomo Kenyatta University of Agriculture and Technology theses external examiner
- Chinhoyi University of Technology, Zimbabwe
 - Jan 2015 – Dec 2016: – appointed external examiner for Department of Crop Science and Post-Harvest technology. Renewed on June 23rd 2017 to 31st Dec 2019.
- Maseno University
- South Eastern Kenya University,
 - 3rd May 2017 appointed external examiner for the School of Agriculture and Veterinary Sciences for 2016/2017 academic year.; 2021/2022

6.0 RESEARCH PUBLICATIONS

6.1 REFEREED JOURNAL PAPERS

1. Joseph Mulema · Roger Day · Winnie Nunda · Komivi Senyo Akutse · Anani Y. Bruce · Sospeter Gachamba · Solveig Haukeland · Ruth Kahuthia-Gathu · Staline Kibet · Asenath Koech · Thomas Kosiom · Douglas Watuku Miano · George Momanyi · Lucy Kananu Murungi · James Wanjohi Muthomi · Julianna Mwangi · Maina Mwangi · Nicholas Mwendu · John Huria Nderitu · Johnson Nyasani · Miriam Otipa · Sarah Wambugu · Eric Were · Fernadis Makale · Laura Doughty · Steve Edgington · Ivan Rwomushana · Marc Kenis, 2022. Prioritization of invasive alien species with the potential to threaten agriculture and biodiversity in Kenya through horizon scanning. *Biol Invasions*, <https://doi.org/10.1007/s10530-022-02824-4>
2. Andrew M. Nuwamanya, Steven Runo, Maina Mwangi, 2022. In-vitro sensitivity of *Alternaria solani* isolates to azoxystrobin and difenoconazole fungicides in Kenya and detection of Cyt b mutations associated with azoxystrobin resistance. *Crop Protection* 158 (2022) 106010.
3. Nyang'au, Douglas, Atandi, Janet, Cortada, Laura, Nchore, Shem, Maina, Mwangi and Coyne, Danny, 2021. Abundance and distribution of plant parasitic nematodes on bananas (*musa* spp.) in Kenya, in relation to altitude and with a focus on the pathogenicity of *Pratylenchus goodeyi*. *Nematology Journal*. https://brill.com/view/journals/nemy/24/2/article-p137_2.xml
4. Nuwamanya Andrew, Maina Mwangi, Steve Runo, 2022. Farmers' perceptions on tomato early blight, fungicide use factors and awareness on fungicide resistance: Insights from a field survey in Kenya. *PLOS ONE*. Paper Number PONE-D-22-01550R1.
5. Matheri et al., 2022. Composition, structure, and functional shifts of prokaryotic communities in response to co-composting of various nitrogenous green feedstocks. Accepted for publication in *BMC Microbiology*.
6. A.N. Kariuki, J.W. Waceke and M. Mwangi, 2021. Efficacy of Selected Local Fungal Isolates in the Management of Root Knot Nematode (*Meloidogyne* spp.) on Tomato (*Solanum lycopersicum*) in Kenya. *Plant Pathology Journal* 20: 41 – 53. DOI: [10.3923/ppj.2021.41.53](https://doi.org/10.3923/ppj.2021.41.53)
7. Mwasame E. N., Maina. M., Taracha C. and Karanja J., 2021. Incidence Of Potentially Toxicogenic Fungi And Aflatoxin In Maize (*Zea mays* L.) Infected By Maize Lethal Necrosis Disease In Bomet, Narok And Nakuru Counties Of Kenya. *Researchjournal's Journal of Agriculture* Vol. 8, No. 2 February , 2021
8. Kanyua Stella, Mwangi Maina and Mbaka Jesca, 2020. Identification of *Ralstonia solanacearum* resistant rootstocks for tomato grafting. *Journal of Animal and Plants Sciences* Volume 43 (Issue 3): 7452-7457. March 2020. <https://doi.org/10.35759/JAnmPlSci.v43-3.1>.
9. Kanyua Stella, Mwangi Maina and Mbaka Jesca, 2020. Compatibility and performance of susceptible tomato cultivars grafted onto bacterial wilt (*Ralstonia solanacearum*) resistant rootstock. *Journal of Applied Biosciences* 147: 15100 – 15107. <https://doi.org/10.35759/JABs.v147.3>

10. Ndalo Victor, Ruth Gathu and Maina Mwangi. Prevalence of *Tuta absoluta* (Meyrick) and Chemical Management in Loitokitok, Kajiado County, Kenya. *Journal of Biology, Agriculture and Healthcare* www.iiste.org ISSN 2224-3208 (Paper) ISSN 2225-093X (Online) Vol.9, No.22, 2019.
11. Ndalo Victor Gathu R. K Maina M, 2019. Population Growth of Tomato Leaf Miner Moth (*Tuta Absoluta*) within Loitokitok Kajiado County-Kenya. *Journal of Biology, Agriculture and Healthcare* www.iiste.org ISSN 2224-3208 (Paper) ISSN 2225-093X (Online) Vol.9, No.22, 2019.
12. Olivier Dayou, Maina Mwangi, Andrew Ogolla Egesa, Peter Munyao Muteti and Careen Ihazano Chumba, 2018. Application of molecular and biotechnological techniques in plant disease management: A review. *African Journal of Biotechnology* Vol. 17(31), pp. 938-948, 1 August, 2018 DOI: 10.5897/AJB2018.16532 Article Number: 16CFC7C58035.
13. Fiona Mwaniki, Charity Gichuki, Maina Mwangi, Pamela Mburia, Benson O. Wandago, 2017. Addressing challenges in communicating adaptation practices to smallholder farmers in Kenya through a radio intervention. *Journal of Agriculture and Environment for International Development - JAEID* 2017, 111 (2): 279 – 322. DOI: 10.12895/jaeid.20172.58.
14. M. Mwangi, A. Egesa and F. Matheri, 2017. Strategies to increase strawberry competitiveness among fruit growers, marketers and consumers in Kenya. *Acta Hort.* 1156: 921 - 927. ISHS 2017. DOI 10.17660/ActaHortic.2017.1156.136.
15. Grace J. Chirchir, Maina Mwangi, Desterio O. Nyamongo and Joseph P. Gweyi-Onyango, 2017. Effects of genotype and agro-ecological conditions on storability of soybean [*Glycine max* (L.) Merr.] seed. *Tropical Plant Research* 4(1) 126 – 133. DOI: [10.22271/tpr.2017.v4.i1.019](https://doi.org/10.22271/tpr.2017.v4.i1.019)
16. Grace Chirchir, Maina Mwangi, D.O. Nyamongo, Joseph Gweyi, 2016. Soybean: An Assessment of Varieties Grown, Seed Sources and Farmsaved Seed Management Practices in Meru South Sub-County, Kenya. *Elixir Agriculture* 98: 42471 – 42475.
17. Grace Chirchir, Maina Mwangi, D.O. Nyamongo, Joseph Gweyi, 2016. Soybean farm-saved seed viability and vigor as Influenced by agroecological conditions of Meru South Sub-county, Kenya. *Journal of Applied Biosciences* 101: 9634 – 9642. <http://dx.doi.org/10.4314/jab.v10i1.7>
18. Peter Mwirigi, Maina Mwangi, and Joseph Gweyi-Onyango, 2016. Agronomic Management of Yellow Passion Fruit Among Farmers In Mbeere Sub-County, Kenya. *African Journal of Horticultural Sciences* 10: 1 – 13.
19. Mwitwa. A. C., Maina M. Nyairo N. M., Ramaswamy B., 2016. Assessment of profit efficiency among sweet yellow passion fruit farmers in Mbeere south Embu county, Kenya. *Journal of Plant and Animal sciences* 27(3): 4305 – 4314.
20. Egesa Ogolla, N. Njau, P. Mwirigi, C. Muui, Korir Kibet., M. Mwangi, 2016. Climate change effects on rainfall patterns and its implications on sorghum and millet production in Kenya: A review. *International Journal of Science and Technoledge* 4(8): 44-52.
21. James K. Mutura, Newton Nyairo, Maina Mwangi and Stephen K. Wambugu, 2016. Analysis of Determinants of Vertical and Horizontal Integration among Smallholder Dairy Farmers in Lower Central Kenya. *International Journal of Agricultural and Food Research [IJAFR]* ISSN 1929-0969 Vol. 5 No. 1, pp. 1-13. (2016)
22. James K. Mutura, Newton Nyairo, Maina Mwangi and Stephen K. Wambugu, 2016. Analysis of Integration among Smallholder Dairy Farmers in Lower Central Kenya. *International Journal of Business and Management* 4(2): 57 – 64.
23. E.N. Marigi, J.O. Masanga, T.L.Munga, L.S. Karanja, M.P. Ngugi, W.M. Thagana, D. Kirubi, M. Mwangi, C.M. Githunguri, W.M. Muiro, D.W. Miano and R.O. Oduor, 2016. Optimisation of a somatic embryogenesis and transformation protocol for farmer-preferred cassava cultivars in Kenya. *African Crop Science Journal* 24: 35 – 44. <http://dx.doi.org/10.4314/acsj.v24i1.4S>

24. Matheri F, Mwangi M, Runo S, Ngugi M, Kirubi DT, Fred Teya, Mawia AM, Kioko FW, and Kamau DN., 2016. Phenotypic Characterization of Selected Kenyan Purple and Yellow Passion Fruit Genotypes Based on Morpho-Agronomic Descriptors. *Advances in Crop Science and technology* 4 (4): 1000226. 5 pp. [DOI: 10.4172/2329-8863.1000226](https://doi.org/10.4172/2329-8863.1000226).
25. Felix Matheri, Fred Teya, Festus Kioko, Amos Musyoki Mawia, Maina Mwangi, Duncan T Kirubi, Mathew Ngugi and Steven Runo, 2016. Genotyping of Kenyan *Passiflora Edulis Flavicarpa* Hybrid Accessions and their Parents using SSR Markers. *Vegetos –An International Journal of Plant Research* 29(4). doi:10.4172/2229-4473.1000181, 4pp.
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51. MARTHA R. KASYOKA, MWANGI M., KORI N., MBAKA J., GITONGA N., 2011. Distribution and uses of banana varieties in central and eastern regions of Kenya. Proceedings of the 10th African Crop Science Conference, 10th – 13th October 2011, Maputo, Mozambique, Pg. 245
52. Njeri Njau, Maina Mwangi, Ruth Gathu, Reuben Muasya, Jesca Mbaka, 2011. Assessing macropropagation technique for production of healthy banana seedlings. Proceedings of the 10th African Crop Science Conference 10th – 13th October 2011, Maputo, Moz. Pg. 248 – 249.
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57. Kasyoka, M.R., Mwangi, M., Kori, N., Gitonga, N. & Muasya, R, 2010. Evaluating the macropropagation efficiency of banana varieties preferred by farmers in Eastern and Central Kenya. Proceedings of the *Second RUFORUM Biennial Meeting 20 - 24 September 2010, Entebbe, Uganda*. Pp 499 – 503.
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<http://mak.ac.ug/documents/RUFORUM/WangungaStudies.pdf>
59. Njeri Njau, Mwangi, M., Gathu, R., Mbaka, J., Kori, N. & Muasya, R. 2010. Assessing effectiveness of macropropagation technology to produce healthy seedlings

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60. Carolyn Wangungu, Njuguna Kori, Maina Mwangi, 2010. Research gaps on passion fruit diseases in Kenya. Pg. 66 – 67, 3rd Int. e-Conf. On Agricultural Biosciences, June 1 – 15, 2010. <http://www.econference.elewa.org/agriculture/abstracts2010-new.html>
61. Maina Mwangi, 2008. Environmental impacts of crop pathogens. Proceedings of the International e-Conference on Biomedical, Environmental and nutritional Health Sciences 2008. Online, Oct 6-20, '08. <http://www.e-conference.elewa.org/biomedical>
62. M. Mwangi and S. Muthoni, 2008. Potential negative impacts of vegetable production in polluted environments. Proceedings of the international e-Conference on Biomedical, Environmental and nutritional Health Sciences 2008. Online, Oct 6-20, '08. <http://www.e-conference.elewa.org/biomedical>
63. M. Mwangi and S. Muthoni, 2008. Implementing banana macropropagation in Kenya - potential and challenges. *Proceedings of the International e-Conference on Agricultural BioSciences 2008, June 2-16, 2008. Book of Abstracts: Volume 1* <http://www.e-conference.elewa.org/agriculture/abstracts2008-new.html>
64. M. Mwangi and S. Muthoni. Biotechnology for medicinal plants in E. Africa. *Proceedings of the 1st International e-Conference on Agricultural BioSciences 2008, held online June 2- 16, 2008. Book of Abstracts: Volume 1* <http://www.e-conference.elewa.org/agriculture/abstracts2008-new.html>
65. S. Muthoni and M. Mwangi. Managing poultry cannibalism in Kenya. Proceedings of the 1st International e-Conference on Agricultural BioSciences 2008, held online June 2- 16, 2008. Book of Abstracts: Volume 1 <http://www.e-conference.elewa.org/agriculture/>
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Other conferences

67. Mwangi Maina and C. Legg, 2008. Targeting interventions against banana Xanthomonas wilt in East and Central Africa using GIS techniques. 'Banana and plantain in Africa, harnessing international partnerships to increase research impact', at Mombasa in October 5-10, 2008. www.banana2008.com.
68. Fiaboe, K.K.M.; G.V. Nakato; M. Mwangi and F. Beed, 2008. Spread and management of banana xanthomonas wilt in the great lakes region. AATF seminar, Entebbe, Uganda.
69. Mwangi Maina and Valentine Nakato. Evaluation of pesticides with potential for application in management of Banana Xanthomonas wilt. Presented at the ISHS/ProMusa Symposium; Recent advances in banana crop protection for sustainable production and improved livelihoods. Greenway Woods Resort, White River, South Africa. September 10-14, 2007. http://www.promusa.org/symposium/2007_symposium .
70. Eldad Karamura, Frank Turyagyenda, William Tinzaara, Justus Muhangi, Guy Blomme, and Francis Maina-Mwangi Participatory monitoring and evaluation of

- management strategies to control *Xanthomonas* wilt of banana and enset in East and Central Africa. Presented at the ISHS/ProMusa Symposium; Recent advances in banana crop protection for sustainable production and improved livelihoods. Greenway Woods Resort, White River, South Africa. September 10-14, 2007.
http://www.promusa.org/symposium/2007_symposium
71. Mwangi Maina, Nakato Valentine and Muthoni Sarah. Methods for disinfecting tools in management of Banana *Xanthomonas* wilt disease. Accepted for the 8th African Crop Science Society Conference. 27- 31 October 2007- El-Minia, Egypt.
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 72. Mwangi Maina, Caroline Nankinga and Eldad Karamura. Challenges to Training Stakeholders for Management of Banana *Xanthomonas* Wilt. “Utilisation of diversity in land use systems: Sustainable and organic approaches to meet human needs” Tropentag, October 9-11, 2007, Witzenhausen, Germany.
<http://www.tropentag.de/2007/abstracts/full/480.pdf>
 73. Mwangi Maina and Ndungo Vigheri. Importance of cocoyams (*Xanthosoma* sp.) in farming systems affected by banana *Xanthomonas* wilt in Eastern Democratic Republic of Congo. Accepted for the 10th Triennial Symposium of the International Society for Tropical Root Crops - Africa Branch (ISTRC-AB). “Root and Tuber Crops for Poverty Alleviation through Science and Technology for Sustainable Development”. 8 - 12 October 2007. Maputo, Mozambique
 74. Maina Mwangi, 2007. Removing infected banana mats to contain *Xanthomonas* wilt: Experiences in Uganda, Rwanda and the Democratic Republic of Congo. IITA, Ibadan. 13 pp. <http://c3project.iita.org/DOC/A4-C3PBriefBananaMatRemoval.pdf>
 75. Maina Mwangi and Ranajit Bandyopadhyay, 2006. Managing Banana *Xanthomonas* wilt. A manual packaged for the Crop Crisis Control Project. IITA, Ibadan. 33p.
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 76. Maina Mwangi, Ndungo Vigheri, Komi Fiaboe, Ranajit Bandyopadhyay, 2006. Banana *Xanthomonas* Wilt In The Democratic Republic Of Congo: Emergence, Spread and Strategies to Halt spread. Paper presented at the Musaco symposium, Limbe Cameroon, September 2006.
 77. Mwangi M, Pillay. M, Bandyopadhyay R, Tushemereirwe W. and Ragama, P. 2006. Progress in understanding mechanisms of host plant tolerance to banana bacterial wilt. In: Proceedings of the Fourth International Bacterial Wilt Symposium, Central Science Laboratory, York, UK 17–20th July 2006,
[http://www.ibws2006.org.uk/book_rev%20\(final\).pdf](http://www.ibws2006.org.uk/book_rev%20(final).pdf).
 78. Mwangi M, Bandyopadhyay R, Tushemereirwe W and Ragama, P. 2006. Developing technologies to support replanting of banana to rehabilitate farms affected by *Xanthomonas* wilt. In: Proceedings of the Fourth International Bacterial Wilt Symposium, Central Science Laboratory, York, UK 17–20th July 2006,
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 80. Mwangi M, 2006. Banana *Xanthomonas* Wilt: Status of Knowledge and Control. Paper presented at launching session of the Crop Crisis Control Project, Kigali, Rwanda, June 12 -15 2006.
 81. Mwangi, M, Bandyopadhyay, R., Tenkouano, A. and Ngoko, Z. 2005. Options for managing fungal rot pathogens of cassava in humid and sub humid agro-ecologies of

- West and Central Africa. Proceedings of the 1st APHYCEM Symposium, December 2005, Dschang University, Cameroon.
82. Mwebaze J. M, Tusiime G, Tushemereirwe. W. K, Mwangi, M. Development of a semi-selective medium for *Xanthomonas campestris* pv. *musacearum*. Proceedings of the African Crop Science Conference, 2005. Entebbe, Uganda.
 83. Mwangi, M., Bandyopadhyay, R., Dixon, A.G.O. 2004. The status of fungal rot diseases as constraints to cassava production and utilization in eastern Democratic Republic of Congo. Proceedings of International Root and Tuber Crops Conference, 2004.
 84. Messiga, A. J.N.A., Mwangi, M, Bandyopadhyay, R., Nolte, C. 2004. The status of fungal tuber rots as a constraint to cassava production in South Cameroon. Proceedings of International Root and Tuber Crops Conference, 2004.
 85. Nolte, C., Mwangi, M., Bandyopadhyay, R., 2004. The status of cassava mosaic disease, bacterial blight and anthracnose as constraints to cassava production in South Cameroon. Proceedings of International Root and Tuber Crops Conference, 2004.
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 87. Mwangi, M., Rüdiger Hauschild, Richard, A. Sikora and Eunice Mutitu. 2002. Does HCN from *Pseudomonas fluorescens* T58 contribute to biocontrol of *Fusarium oxysporum* f. sp *lycopersici*? Proceedings of the annual Conference on Tropical and Subtropical Agricultural and Natural Resource Management. 9 – 11 October 2002, Kassel -Witzenhausen, Germany. Abstract pp.31.
 88. Hauschild, R., Mwangi, M., Ellers, S., Schäfer, K. and Sikora, R.A., 2002. Induced systemic resistance against soilborne fungi and parasitic nematodes: comparison of the mechanisms. Proceedings of the 53rd German Crop Protection Conference. 16 – 19 September 2002, Bonn, Germany. Abstract pp 192 .
 89. Mwangi, M., and Hauschild , R., 2001. Is biocontrol of rhizobacteria controlling *Fusarium* wilt on tomato related to induced resistance? 53rd International Crop Protection Symposium, Ghent University, Belgium).
 90. Mwangi, M., and Hauschild, R., 2001. Biocontrol of rhizobacteria against *Fusarium* wilt on tomato is related to induced resistance. Book of abstracts and proceedings, Conference on International Agricultural Research for Development, Oct. 9 –11, 2001, Bonn, Germany, pp140.

7 SCHOLARLY PRESENTATIONS AT WORKSHOPS & SEMINARS

Papers were presented at the conferences/workshops and seminars listed below:

1. 14th – 18th March 2017: EDULINK end of project meeting, Victoria Falls, Zimbabwe.
2. July 7- 8, 2015: EDULINK EU/ACP projects stakeholders workshop in Brussels Belgium.
3. July 2016: EDULINK EU/ACP projects stakeholders workshop in Brussels Belgium
4. 1st – 5th February 2016, AGRA writeshop meeting, Naivasha. Writing a book on Soil Health Programme. AGRA
5. 16th to 17th September 2015: EDULINK project partners workshop at South Eastern Kenya University (SEKU).
6. 8th – 10th June 2015. RUFORUM Deans and Principals meeting, Khartoum, Sudan.
7. 26th – 30th August 2015. RUFORUM Deans and Principals annual meeting, Windhoek, Namibia.

8. 2nd – 5th Nov 2015; Coordinated EDULINK project visit to Italy on learning mission with delegation of 10 from Kenya, Uganda and Zimbabwe universities.
9. 7th to 8th August 2014: Participated in EDULINK project workshop on teaching and curriculum development & review in agriculture held at Chinhoyi University of Technology, Zimbabwe.
10. March 2014: EDULINK EU/ACP projects stakeholders workshop in Brussels Belgium.
11. 27th October – 2nd November 2013: Attended workshop in Barcelona Spain. Theme- “Operationalization of e-supervision of postgraduate students and facilitation of independent personal learning environments in universities”. Open University of Catalonia, Spain.
12. 13th Jan, 2013: Presented paper on “Character and opportunities for youth friendly agricultural enterprises” at the Youth in Agribusiness workshop, Nyeri, Kenya. Organised by Mkulima Young –Rockefeller Project Forum.
13. 2012: Invited participant to Biotech Workshop for leaders of Key institutions and eminent scientists involved in Biotechnology and Biosafety Activities, held at Sarova Panafric Hotel, Nairobi, May 2012. UON-USAID Agro-biotech outreach & awareness workshop.
14. 2010: Invited participant to panel workshop by Ministry of Agriculture developing policy on orphan and neglected crops, 2010.

8.0 INVITATION TO CONFERENCE AS A GUEST SPEAKER / FACILITATOR

1. Key speaker on “Building Trust and Collaboration”. Webinar presentation to Women in Business (WIB) Enterprises. on 13th July, 2022. Organised in collaboration with CPF Consulting (Member of CPF group).
2. Training to KCA University on The role of Deans, Directors and Chairpersons in Research Excellence and Knowledge Management. Workshop on Quality Leadership and management: A driver of Change in Higher Education, 10th – 11th February, 2022
3. Training to Maasai Mara University Resource Mobilization Taskforce. June 20- 21, 2022. Merica Hotel, Nakuru.
4. Key Speaker on “The power of Collaboration and Partnerships in SACCOs” and “Aligning and operationalizing collaborations and partnerships in SACCOs”. THE 7TH SACCO LEADERS CONVENTION 2022. *Theme : SACCO COLLABORATE! The Clock is ticking. SAROVA WHITESANDS BEACH HOTEL, MOMBASA, 21ST – 25TH FEBRUARY 2022*
5. June 2022 – Speaker in AGRA/ IFAD event on “Agriculture Innovations, Elevating Africa”. May 24th, 2022. Online webinar. Developed paper on TRENDS AND ELEMENTS DRIVING UPTAKE OF AGRICULTURAL INNOVATIONS IN AFRICA.
6. *Presented paper on: Motivating farmers' market-oriented production: Smallholder Horticulture Empowerment and Promotion Approach in Kenya: Maina Mwangi (lead author) KEFAAS/Kenyatta University. Presented at the webinar event on Investing in Human Capital in Rural Territories, Regional Event in East and Southern Africa (ESA). 5th April, 2022*
7. 2017 June: facilitated training on Grant proposal writing to postgraduate students in City and Mombasa Campus, Kenyatta University for Graduate School.
8. 2016. Paper on “Tips on effective project management and graduate student supervision” presented at the Fifth African Higher Education Week and RUFORUM

Biennial Conference 2016. Engaging PIs of RUFORUM Supported Research Grants for efficient Implementation: 17th October, 2016. Cape Town, South Africa.

http://www.ruforumbiennial.org/sites/all/themes/corporate-site/corporate/images/CNPI_Meeting.pdf

9. 18th May 2016: Facilitated training on Networking and negotiation skills, Chandaria BIIC.
10. October 2014: Facilitated Grant writing training at Directorate of Teaching Excellence and Research Training, Kenyatta University.
11. 2014: invited paper during conference on ‘Risk considerations in agricultural enterprise performance’. Invited paper at the 5 acres or less workshop Kampala Uganda, 10-11th February 2014.
12. Invited participant to Expert Group Meeting in Trieste, Italy organized by the International Center for Science and High Technology (ICS) and UNIDO to discuss “*Detection and health validation methods of bioactive compounds in plants and foods products*”. 14 – 15th March, 2012.

9.0 CONVENING AND COORDINATING CONFERENCES/ WORKSHOPS ETC

- 6th – 8th August 2015: Convened Mid term review workshop for EDULINK project held at Kyambogo University, Uganda.
- 17th - 18th July 2015. Convened EDULINK Project partners’ workshop held at Kenyatta University.
- 12th to 14th October 2015: Convened the Regional workshop for managers of agriculture teaching and research at Kenyatta University.
- 2nd – 6th November 2015, led a delegation of Deans and agriculture teaching managers from Kenya, Uganda, Zimbabwe to visit Italy under EDULINK project.
- 2013: Organizer committee of the 1st International Symposium on ornamentals in Africa. 9-13th September, Morendat Training and conference center, Naivasha. Theme – Ornamentals for people, planet and profit.
- 1st – 5th December 2014: Coordinated the five day International conference on “Building a new generation of agricultural scientists”, held at Kenyatta University, Kenya.
- 15th – 17th January 2014. Convened workshop between Kenyatta University faculty and Visiting Professors from Universita Politecnica Delle Marche, Italy and Texas Tech University, USA held at Kenyatta University with 30 participants. Theme: Developing and Maintaining Impactful Multi-institutional Teams”.
- 13th – 15th January 2014: coordinated the agriculture teaching and research capacity development workshop held at Kenyatta university by EDULINK project in collaboration with AGRA and Wageningen university.
- 30th May 2014: convened workshop on project sensitization and reviewing proposed reference manuals on training methods and curriculum development skills held at Kenyatta University.
- 28th to 30th November 2013 Convened and coordinated the launch conference for the regional EDULINK project on Enhancing Nutrition and Food Security Through Improved Capacity of Agricultural Higher Education Institutions In East And Southern Africa at Kenyatta University, Kenya.

8. OTHER TRAINING ATTENDED

1. 2022 Taylor and Francis book publishing workshop.

2. 2021 Global virtual mobility planning & execution, University of Florida, US
3. UAPB US linkages project workshop, Dec 2021.
4. 2020: SARIMA Research and Grants management course.
5. 2020: NACOSTI training on research management systems, ORCID system administration and integration in research approval process.
6. June 2020. Training on national cohesion and national values.
7. 2017: Risk awareness and control in Quality management systems, KU.
8. 1st – 3rd December, 2016. Institutional Strengthening workshop, CIRCLE ISP. Institutional gap analysis, and action planning. African Academy of Sciences, Nairobi, Kenya.
9. September 2016: DRUSSA course for trainers on Research uptake, Nairobi. Development Research Uptake in Sub Sahara Africa.
10. July 2014: Procurement procedures for Directors tender committee and tender processing committee at Kenyatta University. Center for procurement and supply chain management.
11. June 2009: Environmental management systems - Implementation of ISO 14001:2004. Kenya Bureau of Standards.

9. REFEREE FOR JOURNALS / MEMBERSHIP OF EDITORIAL BOARDS

1. 2022: Reviewer, Scientific Reports, published @ Nature.
2. 2019: Associate Editor, CABI Agriculture and Bioscience
3. 2017: Reviewer, Crop protection Journal @ Elsevier.com
4. 2016: Reviewer, Science Domain International
5. 2016: Reviewer, Scientific Reports, published @ Nature.com
6. 2016: Reviewer, Journal of Food Research.
7. 2014-: Editor, Journal of Plant and Animal Sciences
8. 2013- 2015: Editor, African Journal of Horticultural Sciences
9. 2010-: Editor, Journal of Applied Biosciences

10. APPOINTMENT TO OTHER BOARDS

1. 2012 – 2015: Member Executive Committee, Horticultural Association of Kenya.
2. 2014: Organising committee, Joint Conference of the Alliance of Green Revolution in Africa, Kenyatta University and the Horticulture Association of Kenya.
3. 2015: Appointed Chairman, Local organising committee of the 1st Kenyatta University, School of Agriculture SAED Biennial Conference.
4. 2016: Member, local organising committee of the 2nd biennial School of Agriculture conference.
5. 2017, 19th Dec: Appointed Member, organising committee of the 1st All Africa Post Harvest congress and Exhibition.
6. 2018: Appointed member planning and technical committee, 2nd Phytosanitary conference, Kenya.
7. 2018: Member planning committee, Kenyatta University Biennial Research and Innovation conference.
8. 2021: Appointed member planning and technical committee, 3rd Phytosanitary conference, Kenya.

11. MEMBERSHIP TO ACADEMIC / PROFESSIONAL BODIES

1. 2011 TO DATE: International Society of Horticultural Sciences, M.No. 55067
2. 2011 TO DATE: Horticultural Association of Kenya
3. 2007 TO DATE: ProMusa – the Global banana researchers’ network.
4. 2021 - Kenya Forum for Agricultural Advisory Services (KeFAAS)

Referees