



PROF. APOLLO O. MAIMA

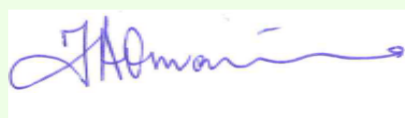
CURRICULUM VITAE



NOVEMBER, 2025

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BIODATA

Name: **Prof. Apollo Odhiambo Maima, PhD**
Profession: **Pharmaceutical Analyst and Public Health Specialist**
Nationality: **Kenyan by Birth**
Gender: **Male**
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E-mail: **apollomaima@gmail.com or aomaima@yahoo.com**
Passport No: **BKo81012**

CAREER GOAL

To make quality a way of life in the dynamic health sector, especially in teaching, research, production and service. This will be realized through a multi-disciplinary environment that encourages initiative, creativity, inquiry and knowledge sharing culminating into a position of leadership.

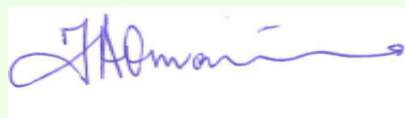
RESEARCH INTEREST

Dr. Maima's major research interest is to help improve the effectiveness of infectious disease prevention and treatment in East Africa by engaging in innovative systems for appropriate health technologies, nutrition, socio-economic development; and timely public health interventions. His approach is to work in a multi-disciplinary environment that encourages initiative, creativity, inquiry and knowledge sharing, and evaluation of progress through use of implementation research techniques.

KEY QUALIFICATIONS

Dr. Maima is currently an **Associate Professor of Pharmacy and the Dean, School of Pharmacy, Maseno University**. He is a former **Dean and Program Leader of the School of Pharmacy & Health Sciences** at the United States International University (USIU)-Africa. He is a **Fellow of the Centre for Effective Global Action (CEGA)** based at the University of California, Berkeley; a **member of the American Society of Tropical Medicine and Hygiene (ASTMH)** and the **International Society for Infectious Diseases (ISID)**. He **represented the Kenyan Academia** at the first International Pharmaceutical Federation (FIP) **Global Conference on Pharmacy and Pharmaceutical Sciences Education** held on 7-9 November 2016 in Nanjing, People's Republic of China. He is also a **Trained PhD Supervisor**.

He is a **Pharmaceutical Analyst; Public Health Specialist & Epidemiologist; Implementation Research Scientist; Registered Pharmacist in Kenya & Good Standing Member of the Pharmaceutical Society of Kenya; and Registered and contracted Assessor /Expert with the**



Kenya Accreditation Service (KENAS). He is also a **member of the International Pharmaceutical Federation (FIP)**; and a holder of the United States FPGEE (Foreign Pharmacy Graduate Equivalency Examination) Certificate. He has been a member of the **Experts /Specialization Committee of the Pharmacy & Poisons Board of Kenya** since 2018. Before then he had been a member of the **Training and Assessment Technical Committee** of the **Pharmacy and Poisons Board** of Kenya from 2012 to 2018. He is also the current **President** of the Association of Pharmacy Schools of Kenya (APSK) and the **Editor-in-Chief** of the Pharmaceutical Journal of Kenya.

He served as the **Chief Pharmacist (and Lecturer)** at the University of Nairobi for 15 years and also taught Pharmacy and Alternative Medicine students at Kenyatta University between 2008 and 2009.

Dr. Maima was a member of the **Ministerial Committee** (Ministry of Medical Services, Government of Kenya) that prepared the **Kenya National Pharmaceutical Policy (KNPP)** in 2010. He has also been a **Member of the Board of Management** of the **National Quality Control Laboratories** (January 2015 – July 2016).

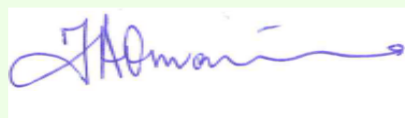
POST-GRADUATE TRAINING

Dr. Maima completed the KENAS Assessor Training Course based on **ISO/IEC 17025:2017** (General Requirements for the Competence of Testing and Calibration Laboratories) and **ISO 19011:2018** (Guidelines for Auditing Management Systems) – (21st to 25th June 2021).

He undertook the **DIES/CREST Online Course for Doctoral Supervisors** at African Universities of Stellenbosch University, Republic of South Africa (Oct 2018 – Feb 2019).

Dr. Maima underwent a fully paid 2018 **Post-Doctoral Fellowship in Implementation Research** at University of California (UC) Berkeley. He is now a fellow under the Infectious Disease in East Africa: A Behavioral and Economic Research Collaborative (IDEA-BERC), which forms a part of the greater **Centre for Effective Global Action (CEGA)**. The IDEA-BERC training program aims to improve the effectiveness of infectious disease prevention and treatment in East Africa, by offering training in the emerging field of implementation research. Through this program, he had the opportunity to participate in seminars and conferences on research topics in socio-economic development and public health, audit courses, carry out research, and design impact evaluation curricula. A CEGA faculty mentor, as well as a CEGA PhD student, CEGA staff, and an East Africa Based Mentor were available to provide professional and personal support while he was in the program.

Dr. Maima has a Certificate on the Massive Open Online Course (MOOC) of May 2018 on Implementation Research (IR), with a focus on Infectious Diseases of Poverty (IDP). This is a 5-module course (one module per week), each of which is comprised of several chapters that illustrate specific concepts: Definition of implementation research; Context and Settings; Implementation Research strategies; Outcomes in Implementation Research; and, Implementation Research in Practice. It is a step-by-step training for public health researchers and decision-makers, disease control programme managers, academics and others that focuses on designing and demonstrating robust implementation research (IR) projects that can make proven health interventions more widely available to people at risk of diseases



of poverty. This Course has been developed and organized jointly with the **International Institute of Global Health**, the **United Nations University (UNU-IIGH)**, the **Monash University**, Malaysia and the **WHO Special Programme for Research and Training in Tropical Diseases (TDR)**.

Maima is a holder of a **PhD in Community Health and Development** from the Great Lakes University of Kisumu, with Thesis titled “Pharmacoeconomic study of the Impact of Adult Pneumonia on Households living in Nairobi”.

He undertook a **Post Graduate Diploma Program (in Health Economics and Management)** of the University of Cape Town.

Master of Pharmacy (Pharmaceutical Analysis and Chemistry), University of Nairobi (2003 – 2006).

Privately prepared for, sat and passed the **US FPGEE (2005–2007)**.

POST GRADUATE WORK

Thesis for PhD (Community Health and Development): Pharmacoeconomic study of the Impact of Adult Pneumonia on Households living in Nairobi.

Thesis for Master of Pharmacy (Pharmaceutical Analysis): Antimicrobial Screening and Phytochemistry of some medicinal plants used by the Luo community of Kenya.

WORKSHOPS ATTENDED

Certificate of Participation on the Workshop on Curriculum Development for Pharmaceutical and Agricultural Training Institutions to Mainstream Chemical Security (6th Oct., 2022).

Certificate of attendance of Workshop for **Induction program on MWONGOZO (The Code of Governance for State Corporations)** by State Corporation Advisory Committee (SCAC) in Mombasa (1st – 3rd February 2016).

Workshop on **Strategic Planning for Academic Affairs Division**, at USIU-A (25th April 2016).

Workshop on **Strategic Planning for a State Corporation**, by National Quality Control Laboratories (NQCL) in Mombasa (4th – 5th February 2016).

Certificate for: **Workshop on Security and Counterterrorism Awareness**, on 24th August 2015 at USIU-A, Nairobi.

Certificate in: “**Resource Tracking, Planning, Resource Allocation and Costing**”, of the **University of Nairobi** in Collaboration with **USAID** and **Health Systems 20/20 Project** (October 2010);

Health Economics and Management/Evaluation workshop - University of Cape Town (Aug. 2010);



Certificate in: “Health Economics and Health Systems Strengthening” - the University of Nairobi in Collaboration with USAID and Health Systems 20/20 Project (July 2010);

Certificate in: “Quality Management for Healthcare Professionals” – National Hospital Insurance Fund in collaboration with University of Nairobi (2009);

Certificate in: “Good Manufacturing Practice” - World Health Organization (2004);

Certificate of the International Standards Organization ISO 9000 Certification (2007), Kenya Bureau of Standards

Certificate in: “The Comprehensive Paediatric HIV Management” course (NASCOP and A.C.T.S. Program) - May 2006.

Certificate in: “WHO/TDR-Workshop on Good Laboratory Practice” course (WHO/TDR and UON, Faculty of Pharmacy) - April 2004

Information Technology: Trained in Sage Financial Controller (Windows), Advanced QuickBooks, Lotus 1-2-3 Release 5.0, WordPerfect 6.1 for Windows, MS-DOS and Windows, all in 1996.

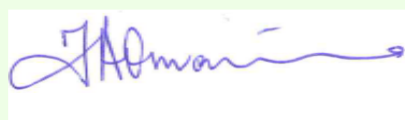
Forensic Pharmacy, Ministry of Health (1989).

GRADUATE SUPERVISION AND EXAMINATION

<i>Period</i>	<i>Topic Title</i>	<i>Student Name</i>	<i>Program</i>
November 2024 - January 2025 (Completed 2025)	Determinants of Treatment Outcomes in patients with Type 2 Diabetes on Conventional and Herbal Medicines in Nairobi, Kenya	Karara Monicah Wanjiru (U80/57874/2021), University of Nairobi, External Examiner	PhD in Clinical Pharmacy
August 2024 - September 2024 (Completed 2024)	Elucidation of anti-prostate activities of extracts of berries of <i>Solanum aculeastrum</i> DUNAL: a novel approach to management of Benign Prostatic Hyperplasia and Prostate Cancer	Gift Crucifix Pender (PhD/PH/00098/018), Maseno University, Internal Examiner & Thesis Re-Examiner	PhD in Medical Biotechnology
January 22, 2024 to date	Social Determinants and Under-five Mortality in Nairobi City County in the era of Sustainable Development Goals	Nicholas Mado (SHHY/08215P12023), Technical University of Kenya, The	PhD in Health System Management and Public Health



November 2023 to February 2024 (Completed 2024)	The effect of electronic prescribing on the patterns of reported medication errors among paediatric in-patients at Gertrude's Children's Hospital	Mwasi Mary Anne Mukokinya (U51/38316/2020), University of Nairobi, External Examiner	Masters in Pharmacoepidemiology and Pharmacovigilance
November 2023 to date	Outcomes Evaluation of Anti-Tubercular Therapy on Clinically Diagnosed and Bacteriologically Confirmed Tuberculosis patients in Siaya County, Kenya	Odhiambo Felix Oloo (PHD/PH/00088/021) Maseno University	PhD in Public Health
July 2023 to date	Assessment of Infection Prevention and Control measures for Blood Transfusions at Kisii Teaching and Referral Hospital	Collince Odiwuor Ogolla (ESM/07192/21) Maseno University	Master of Public Health (Epidemiology and Population health)
February 2023 to April 2023 (Completed 2023)	Genetic Polymorphism in the CCR5-Delta32 Allele and the role of Mobile Technology in evaluating HIV Drug Resistance	Beatrice Atieno Ongadi (I80/52029/2017) University of Nairobi, External Examiner	PhD in Biochemistry
October 2022 to date	Determinants of completion of Malaria Vaccination among children in Kisumu County.	Maureen A. Nyaura (MPH/PH/6002/2014) Maseno University	Master of Public Health (Epidemiology and Population health)
October 2022 to date	The endemic persistence of helminthiasis among school-age children in Emuhaya Sub-County, Vihiga County	Beryl Khasandi Mutuva (MPH/PH/00012/020) Maseno University	Master of Public Health (Epidemiology and Population health)
June 2022 to date	Determinants of Patient Experience for Health Services Delivery Improvement of National Referral Hospitals in Kenya: A Case Study of Kenyatta National Hospital (KNH)	Adams K. Toroitich (SHHX/06502P/2015) Technical University of Kenya	PhD (Health Systems Management)



June 2022 to November 2023 (Completed 2023)	Long-Lasting Insecticidal Nets use influence on malaria prevention among children under five years in North Kivu, DRC	Balemba Bahane Leon, (Adm. No. P12 So7 2019) Great Lakes University of Kisumu (GLUK)	PhD (Community Health & Development)
February 2021 To date	Assessment of Primary Prevention Practices Amongst Health Care Workers Handling Hazardous Drugs Throughout the Life Cycle	Wanjiru Ng'ang'a, (EL/ESM/01465/019) Maseno University	Master of Public Health
December 2020 to date	Bachelor of Technology (Community & Public Health); B.Sc. in System Management; B.Sc. in Public Health, Master of Public Health	The Technical University of Kenya, School of Health and Biomedical Sciences	External examiner for Post-Graduate and Undergraduate programs
September 2020 to February 2023 (Completed 2023)	Assessing the impact of Community-Based Financing on CHW performance in Kayanza Health District, BURUNDI.	Manirakiza Gervais, (MPH/2019/42986) Mount Kenya University	Master of Public Health
April 2018 to November 2021 (Completed 2021)	Factors influencing patients' satisfaction with prevention of mother-to-child transmission of HIV/AIDS Services in Nyamira County Hospital Kenya	Jane Kerubo Mogambi, (Adm. No. M12/So3/2017) Great Lakes University of Kisumu (GLUK)	Master of Community Health & Development
April 2018 to December 2020 (Completed 2020)	Influence of disease knowledge on the incidences of diabetes mellitus complications in adult patients attending Embu Level 5 Hospital	James Njeru Njagi, (Adm. No. M12/J-03/16) Great Lakes University of Kisumu (GLUK)	Master of Community Health & Development



August to September 2019 (Completed 2019)	Phenotyping and antimicrobial resistance profiles of <i>Escherichia coli</i> in milk intended for human consumption in Isiolo County, Northern Kenya	Catherine Anne Cheledi Ngaywa, University of Nairobi External Examiner	Master of Science in Biotechnology
Jan. 2018 to date	Enhancing sustainability of Integrated Vector Management Strategy [IVM] by community after pilot project phase through IVM model improvement at Malindi Sub-County	Dennis Kennedy Mwamodenyi, (Adm. No. P12/M02/2018) Great Lakes University of Kisumu (GLUK)	PhD (Community Health & Development)
2017 to 2020 (Completed 2020)	Master of Science in Biotechnology & Master of Science in Bioinformatics	University of Nairobi, Centre of Biotechnology and Bioinformatics (CEBIB)	External examiner for Post-Graduate programs
2016 to 2017 (Completed 2017)	Determinants of adherence to tuberculosis chemotherapy in Nairobi	Dr. Arthur G. Nderitu, (U56/8182/2015) University of Nairobi	Master of Pharmacy
Mar. 2017 to date	Evaluation of Anti-Prostate Cancer Activity of selected medicinal plants used in Cancer Management by indigenous people of Kenya	Paul Ochieng' Jaleny, (PHD/PH/006/016) Maseno University	PhD (Medical Biotechnology)
2013 – 2016 (Completed 2016)	The effect of Green Supply Chain Management practices on the performance of manufacturing firms in Kenya	John Odoyo Achuora, Jomo Kenyatta University of Agriculture & Technology, Reader	PhD (Supply Chain Management)

BOOKS CO-AUTHORED

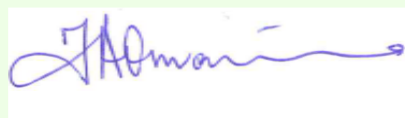
1. Policy Guidelines on Pharmacy Specialties and Recognition (2014). First Edition. Pharmacy and Poisons Board of Kenya.
2. Guidelines for Evaluation and Assessment for Enrolment of a Pharmaceutical Technologist (2013). Second Edition. Pharmacy and Poisons Board of Kenya.



3. Guidelines for Evaluation and Assessment for Registration of Pharmacists (2014). Second Edition. Pharmacy and Poisons Board of Kenya.

RESEARCH AND PUBLICATIONS

1. Ogolla, C. O., Guyah, B., & **Maima, A. O.** (2025). Assessing the impact of community health education programs on preventing non-communicable diseases in rural areas. *BMC public health*, 25(1), 4176. <https://doi.org/10.1186/s12889-025-22620-8>
2. Ogolla, C. O., Guya, B., and **Maima, A. O.** (2025). Impact of Donor History on the Risk of Transfusion-Related Infections. *Global Health, Epidemiology and Genomics*. Volume 2025, Article ID 8585241, 6 pages. <https://doi.org/10.1155/ghe3/8585241>
3. **Maima, A. O.** (2025). Reading, Writing, and Publishing in Pharmacy Practice: Why Bother? *The Pharmaceutical Journal of Kenya*. Vol. 29 (1), 2025.
4. Dogbey, G., Unim, B., Kwamena, A. R., Ahiabor, G. C., Kisiel, M. A., Zhou, X., **Maima, A. O.**, Abdul-Aziz, A., Enyetornye, B., Niayele, R., Agbolosu, A. A., Asare-Dompreh, K. (2025). Assessing the Knowledge and Experience of Healthcare Workers in Zoonoses and the One Health Approach: A Cross-Sectional Study in Ghana. *Environmental Health Insights*. 2025; 19. doi: [10.1177/11786302251339881](https://doi.org/10.1177/11786302251339881)
5. **Maima, A.** (2024). Challenges in the pharmaceutical supply chain in Kenya. *The Pharmaceutical Journal of Kenya*. Vol. 28 (1), 2024.
6. Balemba, B. L., **Maima, A. O.**, Wafula, C. (2023). Association assessment of ownership of Ilin and malaria prevention in fragile health zone of karisimbi of goma in North KIVU, DRC. *International Journal of Development Research*, 13, (09), 63831-63839. <https://doi.org/10.37118/ijdr.27228.09.2023>
7. Balemba, B. L., **Maima, A. O.**, Wafula, C. (2023). Association of importance of knowledge and good practices in the proper use of Ilin in relation to malaria morbidity in households with children under 5 in the Karisimbi Health zone of Goma in North KIVU/DRC. *International Journal of Development Research*, 13, (09), 63821-63830. <https://doi.org/10.37118/ijdr.27227.09.2023>
8. Gervais, M., Odongo, A. O., **Maima, A.** (2023). Effects of community performance-based financing on community health workers' service delivery in Kayanza health district, Burundi. *Int J Community Med Public Health* 2023; 10:21-8. DOI: <https://dx.doi.org/10.18203/2394-6040.ijcmph20223521>
9. Ondigo, D. A., Munyendo, W. L. L., Andala, D., Maima, A. O., Mosweta, J. M., Odhiambo, K. W. (2022). Enhancement of antibacterial activity through phyto-fabrication of silver nanoparticles with *Ficus thonningii* aqueous extracts. *The Institution of Engineering and Technology*. Open Access to full text available at: <https://doi.org/10.1049/nbt2.12093>

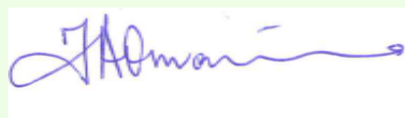


10. Judson, S., Torimiro, J., Pigott, D., **Maima, A.**, Mostafa, A., Samy, A., . . . Njabo, K. (2022). COVID-19 data reporting systems in Africa reveal insights for future pandemics. *Epidemiology and Infection*, 1-22. DOI: [10.1017/S0950268822001054](https://doi.org/10.1017/S0950268822001054)
11. Were LL Munyendo and **Apollo O Maima**. (2021). “*Camellia sinensis* and *Euphorbia prostrata* Nutraceutical Powder Formulation and Evaluation for Osteoarthritis Management”. *EC Nutrition* 16.11 (2021): 03-13. Open Access to full text available at: [ECNU-16-00990.pdf \(ecronicon.com\)](https://ecronicon.com/pdf/ECNU-16-00990.pdf)
12. Nderitu, A., Karimi, P., Guantai, E., & **Maima, A.** (2021). Determinants of Adherence to Tuberculosis Chemotherapy in Nairobi City County, Kenya. *The East and Central African Journal of Pharmaceutical Sciences*, 23(3), 100-103. Open Access to full text available at <http://uonjournals.uonbi.ac.ke/ojs/index.php/ecajps/article/view/717>
13. **Maima, A. O.** (June 2020). Reporting of Adverse Drug Reactions (Editorial). *The Pharmaceutical Journal of Kenya*. Vol. 24 (3), 2020. <https://psk.or.ke/journals/journal-35>
14. **Maima, Apollo O.** & Munyendo, Were L. L. (Jan. 2019). Antimicrobial Assay of aqueous extracts of selected Ethno-pharmacologic alternatives used by the Maasai community of Narok, Kenya. *European Journal of Medicinal Plants*, 26(3): 1-11, 2018. DOI: [10.9734/EJMP/2018/46227](https://doi.org/10.9734/EJMP/2018/46227)
15. **Maima, A. O.**, Were L. L. M. (2018). Contemporary advances and precincts of Biopharming as drugs’ production systems. *Journal of Natural Sciences Research*. Vol. 8 (4). www.iiste.org
16. Mwangi, W. W., Karimi, P., **Maima, A.**, Githinji, C., Fatumad, Abdallah (2016). Factors influencing the Management of Non-Hodgkin’s Lymphoma in children at Kenyatta National Hospital. *The Pharmaceutical Journal of Kenya*. Vol. 23 (1), 2016.
17. **Maima, A.O.** (June 2016). “Pharmacoeconomic Study of the impact of Adult Pneumonia on households living in Nairobi”. **A PhD Thesis**, Great Lakes University, Kisumu
18. **Maima, A.O.**, Okalebo, F.A., Kaseje, D.O. (2015). Data collection for disease burden studies using smartphones. *The Pharmaceutical Journal of Kenya*. Vol. 23 (1), 2015.
19. Nassali, H., Karimi, P., Nyamu, D., Guantai, E.M., **Maima, A.O.**, Kajungu, D., Kirui, J. (2015). Evaluation of Prescribing Practices in Kenyatta National Hospital. *The Pharmaceutical Journal of Kenya*. Vol. 23 (1), 2015.
20. Rugendo, A.B., Karimi, P.N., Amugune, B.K., **Maima, A.O.** (2015). Impact of Medication Related Problems on Individualized Dispensing at Kenyatta National Hospital. *The Pharmaceutical Journal of Kenya*. Vol. 22 (3), 2015
21. **Maima, A.O.**, Thoithi, G.N., Ndwigah, S.N., Kamau, F.N., Kibwage, I.O. (2014). Antimicrobial properties of some medicinal plants of the Luo community of Kenya. *African Journal of Pharmacology and Therapeutics* Vol. 3 No. 4 Pages 112-115, 2014. Open Access to full text available at <http://journals.uonbi.ac.ke/ajpt>
22. **Maima, A.O.** (June, 2014). “Pharmacoeconomic Study of the impact of Adult Pneumonia on households living in Nairobi”. **A refereed Research Proposal**, Great Lakes University, Kisumu

23. **Maima, A.O.** (2014). Does plant Biopharming hold the Future for the African Pharmacist? *The Pharmaceutical Journal of Kenya*. Vol. 22 (1), 2014.
24. Muniafu, M.M., Kipkore, K.W., **Maima, A.O.**, Kweni, M.O., Kahindi, J.H.P. (2014). Survey of Medicinal Plants used by the Giriama of Basi, Kenya. *The Pharmaceutical Journal of Kenya*. Vol. 21 (4), 2014.
25. **Maima, A.O.** (2013). Barriers to Accessing Quality Pharmaceutical Services in Rural and Remote areas of Kenya. *The Pharmaceutical Journal of Kenya*. Vol. 21 (3), 2013. 18-19
26. **Maima, A.O.** (2012). The role preparedness of the Kenyan Pharmacist in Health Economics. *The Pharmaceutical Journal of Kenya*. Vol. 21 (1), 2012. 14-17
27. **Maima, A.O.** (2012). Refereed PhD Concept Paper “**The Socio-Economic impacts of Pneumonia in adult population living in Nairobi**”. (Jan., 2012)
28. **Maima, A.O.**, Thoithi, G.N., Ndwigah, S.N., Kamau, F.N., Kibwage, I.O. (2008). Phytosterols from the stem bark of *Combretum fragrans* F. Hoffm. *East Cent. Afr. J. Pharm. Sci.* Vol. 11(2), 2008, 52-54
29. **Maima, A.O.** (2006). Antimicrobial screening and phytochemistry of the following plants: *Lannea stuhlmanii*, *Carissa edulis*, *Combretum fragrans*, *Conyza sumatrensis*, *Ormocarpum trichocarpum*, *Sida cuneifolia*, *Plumbago zeylanica*, and *Rhoicissus revouilii*, a Masters’ Thesis. University of Nairobi
30. **Maima, A.O.**, Kodhek, A., Sadia, C.W. (2001). Rational and Cost Effective Prescribing in Kenya; Report of a Retrospective Case Study at the University of Nairobi Health Services for 1999. University of Nairobi

CONFERENCE PRESENTATIONS

1. **Maima, A. O.**, Okalebo, F. A., Othoro, D. A., Osano, E. N., Orlendo, C., Mugambi, W. (2025). Impact Evaluation of the switch from 10 to 5-dose vial of Measles Rubella Vaccine in Kenya. Africa Evidence Summit in Nairobi on **June 23-24, 2025**.
2. **Maima, A. O.**, Okalebo, F. A., Othoro, D. A., Osano, E. N., Orlendo, C., Mugambi, W. (2024). **The switch from 10 to 5-dose vial of Measles Rubella Vaccine in Kenya: A Logical Evaluation Model and Theory of Change**. The Africa Evidence Summit in Dar es Salaam on **July 10-11, 2024**.
3. **Apollo O. Maima** (2022). “**Felicitous Research and Workforce Training for a 21st Century Healthcare System**” presented at the Health Workforce Conference 2022 held at Whitesands Hotel, Mombasa, from **7th to 9th February, 2022**.
4. “**Contemporary environmental and health-related factors influencing human growth and development**” presented at the 2018 Pharmaceutical Society of Kenya Annual Scientific Conference, **May 30 - June 3**, in Mombasa, Kenya.
5. Were L.L. Munyendo & **Apollo O. Maima** (2018). Pleurotus ostreatus mycelium powder aptitudes in formulations of fortified foods as patient specific Nutraceuticals averting



- product distributorship. Pharmaceutical Society of Kenya 38th Annual Scientific Conference. Mombasa Kenya **May 30th – June 3rd 2018.**
6. Were L.L. Munyendo & **Apollo O. Maima** (2017). Concomitant Voids in Community Health Systems; Deterrence to Application of Progressive Cervical Cancer Screening Technologies in Rural Africa. University of Rwanda International Scientific Conference. Kigali Rwanda **June 14th-16th 2017**
 7. **“Health-Related Quality of Life of Nairobi Adults Treated for Pneumonia”**, presented at the 2017 Pharmaceutical Society of Kenya Annual Scientific Conference, **May 30 - June 4**, in Mombasa, Kenya.
 8. **“Prevalence and Yearly Trends of Adult Pneumonia in Nairobi”**, presented at the 2016 Pharmaceutical Society of Kenya Annual Scientific Conference, **June 1 - June 5**, in Mombasa, Kenya.
 9. Poster Presentation Titled: **“Trends in facility caseloads of adult pneumonia in Nairobi”**, Presented at the **International Pharmaceutical Federation (FIP) Congress 2015, September 29 – October 3**, in Dusseldorf, Germany.
 10. **“Data collection for disease burden studies using smartphones”**, presented at the 2015 Pharmaceutical Society of Kenya Annual Scientific Conference, **May 28 - June 1**, in Mombasa, Kenya.
 11. Poster Presentation Titled: **“Antimicrobial properties of some medicinal Plants of the Luo community of Kenya”**, presented at the **International Pharmaceutical Federation (FIP) Congress 2014, August 30 - September 4**, in Bangkok, Thailand.
 12. **“Does Biopharming hold the Future for the African Pharmacist?”** presented at the 2014 Pharmaceutical Society of Kenya Annual Scientific Conference, **May 29 - June 1**, in Mombasa.
 13. **“Quixotic Access to Quality Medicines in Rural and remote areas of Kenya”** presented at the 2013 Pharmaceutical Society of Kenya Annual Scientific Conference held in Mombasa
 14. **“Microbial resistance and threats: the state of the Kenyan Pharmaceutical Sector”**, presented on the **1st day of June**, 2012 at the Pharmaceutical Society of Kenya Annual Scientific Conference held in Mombasa.
 15. **“Antimicrobial properties of some medicinal Plants of the Luo community of Kenya”**, Presented at the 2nd Kenya Medical Research Institute (KEMRI) Annual Scientific and Health (KASH) Conference, **February 8-10, 2012**, KEMRI Headquarters, Nairobi, Kenya.
 16. **“Health Economics: The Role of the Pharmacist in Kenya”** presented on the **4th day of June**, 2011 at the Pharmaceutical Society of Kenya Annual Scientific Conference held in Mombasa.
 17. **“Kenya’s Indigenous Plants: The Golden Herbage”** presented at the United States International University on the **9th day of March**, 2010

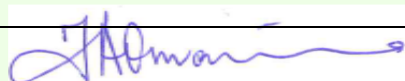


18. “Theory of Health Costing” presented at the Strathmore University Business School on the 26th day of February, 2010

GRANTS & CONSULTANCIES

i. Grants awarded

- a. **Donor 1: Network of Impact Evaluation Researchers in Africa, NIERA (2024)**
Amount: USD \$ 87,287.15 with support from:
Donor 2: National Vaccines and Immunization Program, NVIP (2024)
Amount: USD \$ 276,500
Grant for 2024 Demand Driven Research Initiative (DDRI)
- b. **Donor: Center for Effective Global Action, CEGA (2023)**
Amount: USD \$ 33,235
Grant for 2022 NIH RGC Pilot Award
- c. **Donor: Kenya Chemical Society (2022)**
Amount: KSh. 50,000
Grant for attending a Workshop in Nairobi
- d. **Donor: Center for Effective Global Action, CEGA (2022)**
Amount: USD \$ 1,200
Grant to attend Africa Evidence Summit in Kigali, Rwanda (29th – 30th June 2022)
- e. **Donor: HCP Conference 2022 Secretariat (2022)**
Amount: KSh. 150,000
Grant to attend HCW Conference in Mombasa (February 2022)
- f. **Donor: National Research Fund, NRF (2020)**
Amount: KSh. 832,950.00
Doctorate Research Grant for Evaluation of Anti-Prostate Cancer Activity of selected Medicinal plants used in Cancer Management by indigenous people of Kenya as **Supervisor**
- g. **Donor: The East Africa Social Science Translation, EASST (2019)**
Amount: USD \$ 5,000
Catalyst Grant to conduct trainings on Impact Evaluation in Kisumu and USIU-Africa
- h. **Donor: Center for Effective Global Action, CEGA (2018)**
Amount: USD \$ 20,540
Grant for Visiting Fellowship, University of California, Berkeley
- i. **Donor: Internal Research Grant by USIU-A (2018)**
Amount: KSh. 994,640.00
Research Title: Studies of phytochemicals gold nanoparticles ointments/creams for Management of *Sarcoptes scabiei* and associated bacterial infections as **Co-PI.**
- j. **Donor: Seeding Labs of Boston, USA (2018/19)**



Amount: USD \$ 110,000

Grant for Instrumental Access, as PI

k. Donor: Internal Research Grant by USIU-A (2017)

Amount: KSh. 1,000,000.00

Research Title: Fabrication of Polyamic Acid nano-filter Cartridges for Water Purification to Control Waterborne Diseases in Kenya as **Co-PI**.

l. Donor: Internal Research Grant by USIU-A (2017)

Amount: KSh. 1,000,000.00

Research Title: Chronic Exposure to *Cartha edulis* F (Miraa aka Khat) extract on testicular functions as **Co-PI**.

m. Donor: International Pharmaceutical Federation, FIP (2016)

Amount: USD \$ 5,000.00

Conference and Travel Grant for presentation on Pharmacy and Pharmaceutical Sciences Education in Kenya as **Presenter**

n. Donor: Internal Research Grant by USIU-A (2016)

Amount: KSh. 400,000.00

Research Title: Screening for Antimicrobial and Anthelmintic Activities of selected Kenyan Medicinal Plants as **PI**.

o. Donor: Internal Research Grant by USIU-A (2016)

Amount: KSh. 400,000.00

Research Title: Isolation and Screening of Potential Bioplastics Producing Halophiles From Kenyan Soda Lake Bogoria as **Co-PI**.

2. Consultancies

a) Living Good's Community Health Innovation Network, for Living Goods

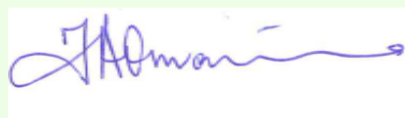
b) National Training Core Curriculum: Syllabus, Rules and Regulations for Diploma in Pharmaceutical Technology (2013 - 2014) for Pharmacy and Poisons Board, Nairobi.

c) National Core Curriculum for Bachelor of Pharmacy (B.Pharm.) Programme (2014) for Pharmacy and Poisons Board, Nairobi.

CONFERENCES ATTENDED

1. CEGA & NIERA Africa Evidence Summit 2024 held at Julius Nyerere International Convention Centre, Dar es Salaam, Tanzania from July 10-11, 2024.

2. CEGA & NIERA Africa Evidence Summit 2023 held at Mövenpick Residences, Nairobi, Kenya from June 19-20, 2023.



3. Institute of Global Health & Maseno University 1st Medical Education Conference held on March 8-10, 2023 at Kisumu Hotel in Kisumu, Kenya.
4. CEGA & NIERA Africa Evidence Summit 2022 held at Lemigo Hotel, Kigali, from 29th - 30th June 2022
5. Health Workforce Conference 2022 held at Sarova Whitesands Hotel, Mombasa, from 7th to 9th February, 2022.
6. The 2019 Pharmaceutical Society of Kenya Annual Scientific Conference, May 29 - June 2, in Mombasa, Kenya.
7. The 2018 Pharmaceutical Society of Kenya Annual Scientific Conference, May 30 - June 3, in Mombasa, Kenya.
8. The 2017 Pharmaceutical Society of Kenya Annual Scientific Conference, May 30 - June 4, in Mombasa, Kenya.
9. The 1st Global Conference on Pharmacy & Pharmaceutical Sciences Education (Representing Kenyan Academia), 7-8 November, held in Nanjing, China
10. The 2016 Pharmaceutical Society of Kenya Annual Scientific Conference, June 1 - June 5, in Mombasa, Kenya.
11. The International Pharmaceutical Federation (FIP) Congress 2015, September 29 - October 3, in Dusseldorf, Germany.
12. The 2015 Pharmaceutical Society of Kenya Annual Scientific Conference, May 28 - June 1, in Mombasa, Kenya.
13. The International Pharmaceutical Federation (FIP) Congress 2014, August 30 - September 4, in Bangkok, Thailand.
14. The 2014 Pharmaceutical Society of Kenya Annual Scientific Conference, May 29 - June 1, in Mombasa.
15. The 2013 Pharmaceutical Society of Kenya Annual Scientific Conference, May 30 - June 2, held in Mombasa
16. The 2012 Pharmaceutical Society of Kenya Annual Scientific Conference, May 31 - June 3, held in Mombasa.
17. The 2nd Kenya Medical Research Institute (KEMRI) Annual Scientific and Health (KASH) Conference, February 8-10, 2012, KEMRI Headquarters, Nairobi, Kenya.
18. The 2011 Pharmaceutical Society of Kenya Annual Scientific Conference, June 2 - June 5, held in Mombasa.

PROJECTS UNDERTAKEN

The development of the Bachelor of Pharmacy curriculum for Maseno University, 2020 to 2021



The development of the Bachelor of Technology in Analytical Chemistry curriculum for United States International University - Africa

The development of the Bachelor of Science in Epidemiology & Biostatistics curriculum for United States International University - Africa, 2015 to 2016

National Training Core Curriculum: Syllabus, Rules and Regulations for Diploma in Pharmaceutical Technology (2014). Pharmacy and Poisons Board, Nairobi.

National Core Curriculum for Bachelor of Pharmacy (B.Pharm.) Programme (2014). Pharmacy and Poisons Board, Nairobi.

The development and writing of a Technical Proposal (to USAID) for financing the purchase of equipment for laboratories for the USIU Pharmacy Training program. This is a US \$ 1,975,000 budget program

The development of the Bachelor of Pharmacy curriculum for United States International University - Africa, 2010 to 2013

The development of the curriculum for the Bachelor of Science in Industrial and Medicinal Chemistry curriculum for United States International University - Africa, 2010 to 2011

Preparation and presentation of the Sessional Paper on Kenya National Pharmaceutical Policy to the Minister for Medical Services, Government of Kenya, 2010

Preparation and editing of the Kenya National Pharmaceutical Policy (KNPP), 2010

The development of the curriculum for Chinese Traditional Herbal Medicine undergraduate degree for Kenyatta University, 2009

The development of the Bachelor of Pharmacy curriculum for Kenyatta University, 2008

Drawing up the Plan and Set-up of the Maseno University Health Services Pharmaceutical Delivery; Operations, Drug Procurement, Storage and Distribution, 1999

Development of a Curriculum for the Training of Pharmacy Assistants/ Pharmacy Technicians. The Curriculum was developed from May 1997 up to October 1998 and presented to the Ministry of Education and Technical Training for Scrutiny and final approval.

LEADERSHIP ROLES UNDERTAKEN

Chairman: Taskforce on Access of Persons Living with disability, USIU-Africa, January – May, 2017.

Chairman: University Health Services Strategic Planning Committee, 2008-2013 Strategic Plan, University of Nairobi

Chairman: University Health Services Performance Contracting Implementation & Evaluation Committee, 2007-2010

Chairman: Evaluation Committee; University Health Management Information System (UHSMIS) for Records, Operations and Internal Controls Systems, 2009



Chairman: Committee for the Re-Engineering of the University Health Management Information System, University of Nairobi, 2009-2010

Secretary: Drugs and Therapeutics Committee, University of Nairobi 1993 – 2010

Member: The John Hopkins University AIDS Service, U.S.A.

Member: University of Nairobi Health Management Board, a Sub Committee of the University Management Board (1999-2003).

Member: University of Nairobi Health Services Management Committee 1993 – 2010

Member: Technical Committee, Kenya Standard Specification of Cigarettes, Kenya Bureau of Standards, 1998-2003.

Member: University Health Services Task Force, University of Nairobi.

Member (Co-opted): University of Nairobi Tender Committee (1993-2010)

COMMUNITY DEVELOPMENT & CONSULTANCY WORK

Patron: Got Bondo School, Rarieda Division, Bondo District, Kenya since 1994 and Kasewe Women Group, Konyri Kendi Women Group and Adango Welfare Association, all of Bondo District, Kenya since 1995. These are Social, Development, Economic and Gender development groups.

Chairman: Katieno Welfare Association of Nairobi, Kenya.

Non-Executive Chairman: Board of Directors of Securi-Food Kenya, a Non-Governmental Organization registered in Kenya with the object of the promotion of efficient food production, storage, distribution / marketing and a strategic food reserve and security.

2006-2008: Worked with World Vision Kenya as a consultant for Kainuk Area Development Program in Turkana. The project benefitted 34,000 households in Turkana and Pokot.

The project had several sectors (HIV/AIDS, Health, Food Security, Economic Empowerment and Child Sponsorship). The HIV/AIDS and Health sectors focused on the following activities;

- ✚ Training of community health workers (CHWs)
- ✚ Mass de-worming and treatment of children
- ✚ Formation of Health clubs in schools
- ✚ Life skills training for youths
- ✚ Training of Peer Educators and exposure tours
- ✚ Training of VCT counsellors and equipping of VCT centers
- ✚ Organizing World Aids Day celebrations
- ✚ Provision of food supplements to HIV AIDS patients and affected Households
- ✚ Home based care training



POSTGRADUATE INTERNSHIP

New Nyanza General Hospital, Kisumu	Jul., 1989 – Dec., 1989.
Wellcome (K) Ltd., Nairobi	Jan., 1990 – Mar., 1990.
Kam Pharmacy Ltd., Nairobi	Apr., 1990 – Jun., 1990.

UNDERGRADUATE

Bachelor of Pharmacy, University of Nairobi, (1989).

Result: Passed & Graduated on 28th Nov., 1989.

UNDERGRADUATE TRAINING ATTACHMENTS

Kenyatta National Hospital

Dawa Pharmaceuticals Ltd.

Elys Chemicals Ltd.

Cosmos Pharmaceuticals Ltd.

(All 1987 – 1988).

ADVANCED LEVEL

Kenya Advanced Certificate of Education (K.A.C.E.).

Alliance High School, Kikuyu, Kenya. (1982 – 1983).

Results: 3 Principles, 1 Subsidiary.

ORDINARY LEVEL

Kenya Junior Secondary Education (1979).

Kariokor High School, Nairobi. (1978-1979).

Result: Distinction Passes in All 8 Subjects attempted.

Kenya Certificate of Education (K.C.E).

Lang'ata High School, Nairobi, Kenya (1980 – 1981).

Result: First Division. 11 Points. All subjects passed.

POSTGRADUATE SKILLS AND COMPETENCIES

Community Development	Qualitative and Quantitative advanced research; Epidemiological methods, Qualitative Methods, Quantitative Methods & Software
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	Applications; Health Economics, Economic Evaluation; International Health, Determinants of Global Trends; Health Research Ethics
Philosophy	Epistemology & Ontology; Metaphysics, idealism, realism; Theory of Knowledge, doubt, skepticism, phenomenism, relativism; Philosophy of mind, dualism, monism, behaviorism; Philosophy of Science, Deductive and Inductive reasoning, Valid and Invalid references; Ethics, utilitarianism, Virtue Ethics, Morals
Health Economics	Microeconomics for the Health Sector; Health Economics and Planning; Economic modeling and writing reports; Economic Evaluation techniques; Priority Settings, Resource Allocation and Equity; Economics of Health Systems and Health care Financing; Resource Tracking and Costing; Health Systems Strengthening; Management for Healthcare Professionals and Current Developments in Health Economics.
Pharmaceutical Analysis and Chemistry	Organic Extractions, Purification, Classification and Identification. Structure Elucidation. Analysis Method Development. Computerised 3-D Structural orientation. Instrumental methods. Pharmacopoeal limits
Electro-Chemical and Thermal Methods	Concepts and application of: differential thermal analysis, differential scanning calorimetry, thermogravimetry, potentiometry and ion-selective electrodes, non-potentiometric techniques, polarography, cathode/anode stripping and identification amperometry.
Microbiology and Biological Assay Methods:	Biology of microorganisms, Antimicrobial Agents, Pharmaceutical and Industrial Microbiology, media selection and preparation, types of techniques and experimental design, minimum inhibitory concentrations and quantitative applications. Concepts and applications of fluorescent immunoassay, enzyme immunoassay, enzyme multiplied immuno assay, enzyme linked immuno sorbent assay, autoradiography, isotope dilution analysis and activation analysis. Comprehensive HIV management, HIV/AIDS epidemiology and Resistance development.
Chromatography	Review, principles, practice and applications of theory of retention; High Pressure Liquid Chromatography (HPLC); refractive index, electrochemical, and radiochemical detectors; Electrophoresis; Thin Layer Chromatography (TLC); Gas Chromatography (GC); Column preparation (packing), packing materials, uses and limitations. The Kovats' Index.
Spectroscopic Methods	Polarimetry, Ultraviolet, Infrared spectroscopy, Fourier Transform-Infrared Spectroscopy, Atomic Emission Absorption Spectrophotometry, Spectrofluorimetry, Mass Spectrometry (MS). Nuclear Magnetic Resonance (NMR); Instrumentation, proton-



	NMR, ^{13}C -NMR; study techniques such as 2-D NMR, Fourier Transform-NMR, spin decoupling and difference spectroscopy and multiple-pulse experiments. Application in Identification and Quantitation.
Synthetic Methods	Choice of synthetic route; History of synthesis of drugs; Drug design; Selection of lead compounds, functional groups involved and their possible modifications; Structure Activity Relationship; Reactions and reaction types - theory, mechanism and application of synthesis. Total synthesis of specific drug types, the synthetic route, and the economics involved.
Research Methodology	Research and Project design; Problem formulation; use of research information and literature review; Planning and coverage of research studies, information collection and questionnaire methodology; Sample design, sampling and sample size. Organization and processing of data, use of computer data processing, data analysis, interpretation and presentation. Test of hypothesis. Report, Thesis and Project Proposal writing. Use of statistical software, including STATA and SPSS, among others.
Drug Information	The development, use and management of drug Information centre. Information technology, Information acquisition, processing, storage and dissemination. Microfiche, microfilm, and Processing machines. The role of the pharmaceutical industry in providing drug information
Biostatistics:	Normal distributions, statistical notations, means and standard deviations; variance in two way table; sampling from abnormal distribution; the t-distribution and confidence limits, statistical hypothesis and tests of significance, the F-distribution, analysis of variance and t-tests. A population of mean difference, t-test of significance, rounding and reporting numbers, factorial experiments, analysis of variance and experimental design. Completely randomized designs, randomization, source of variation and degree of freedom, correction term, sums of square and mean squares, F-value, Mean separation; least significant difference, multiple range test, orthogonal coefficient, class comparisons and trend comparisons. Linear correlation and regression; measuring correlation, correlation Vs regression, calculating linear regression, statistical significance, confidence limits, regression in replicated experiments. Analysis of counts; Chi-square test, Yates correlation for continuity, guide for using chi-square test, interpreting results, testing for independence and heterogeneity.



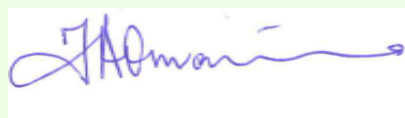
Computer Applications and Pharmacy Management	Development of computing in Pharmacy, types of computer Systems and their characteristics. Computer applications in Pharmacy administration, research, drug use review, databases, drug distribution, electronic mail and information sharing. Adopting Pharmacy computer systems; software considerations, contemporary pharmacy and health service research software in the market. Nature of management and organization, challenge for managers, managerial skills and abilities, managerial constraints and demands, organizations and organizational effectiveness. Technical competencies of management, planning, organizing, decision making and controlling. Behavioral competencies of management, motivation and performance, leadership and managerial effectiveness. Effective communication; managing finances, strategic competencies of management, managing change and risks. Application of management to different pharmacy settings. Medical and Pharmaceutical Services; Accounting and Stocks Management and Project Management.
Computerised Accounting:	Data entry; Bank & Cash Book :Journal entries; Double Entries, Principles & Application; Costing; Imprest System; Petty Cash handling; Stock Control and Valuation; Reconciliation; Suspense; Trial Balance; Trading, Profit & Loss; Balance Sheet; Audit. Sage Accountant & Financial Controller; Advanced Quickbooks Accounting.
Purchasing	Documentation; Local Purchase Orders; International Purchasing; Pre- shipment regulations; Letter of Credit, Revocable and Irrevocable; Lines of Credit; International Tendering, bidding and Due Diligence; Local Public Tender; Quotations; Spot Purchase; Technical Quality Assessment; Pre-Tender Qualification; Auction; Advantages and Disadvantages of each purchasing method; Public Procurement and Disposal Act (2005).
Logistics and Distribution:	Imports and Exports; Clearing and Forwarding; Customs regulations; Bill of Lading, CIF & FOB; Customs External Tariff (E.A.C); Taxation; Modes of transport; SIMBA System; Warehousing; Documentation; Customs and Excise Act.
Registration of Drugs	Legal Notice 147 of 1981, Kenya Gazette. How to apply; Chemical Data, Pharmaceutical Data, Stability Tests & Results, Labelling, Pharmacodynamics, Pharmacokinetics, Efficacy, Toxicology, Clinical Data, Drug Interactions. Organisation of Application and Registration Forms. Sampling for Registration



Forensic Pharmacy and Good Manufacturing Practices	Drug regulatory affairs; Pharmacy Law and Ethics, professional conduct. Rules and Law governing drug registration and utilization in Kenya. Constitution; Legal Systems; Penal Code; Statutes; Company Law, membership, share capital, private companies, meetings, Annual Returns, Role of Directors, Receivership; Food, Drugs and Chemical Substances Act, the law contents, application and enforcement; Classification and list of Poisons; understanding, interpretation, application and enforcement of the Pharmacy and Poisons Act; Classification and list of Dangerous Drugs; understanding, interpretation, application and enforcement of the Dangerous Drugs Act. Packaging materials. In process control, quality assurance, shelf-life determinations, Storage and care of samples. Use of regional and international pharmacopoeia Development and validation of analytical methods; choice of analytical methods, chemical reference substances, National standards and working standards. WHO Guidelines on GMP . Maintenance and calibration of instruments.
Management of Quality Control Laboratory and Good Laboratory Practices	The setting up of a quality control laboratory, the analyst, duties and responsibilities of analysts, organization and operations of an analytical laboratory. Analytical work sheet, testing of raw materials, dosage forms, packaging materials. Safety procedure in analytical laboratories. Record-keeping and preparation of certificates of analysis. WHO Guidelines on GLP
Communication Skills	Good in Verbal and Non-verbal, Written; Fax, Electronic and Internet
Training	Training topics in Forensic Pharmacy; Pharmacy Accounting & Management ; General Guidance on Prescribing; Prescription Writing & Interpretation; Drug Dependence & Abuse; Adverse Drug Reactions; Basic Principles of Pharmacokinetics; Basic Principles of Pharmacodynamics; Dosage and Frequency of Administration; Plasma Proteins & Tissue binding; Paediatric Prescriptions; Geriatric and Palliative Care Prescriptions; Toxicology, Poisoning & Emergency Treatment of poisoning and Drug Information Services

RELEVANT WORK EXPERIENCE

September 2020 to date	Associate Professor & Dean, School of Pharmacy
Maseno University, School of Pharmacy Rank: Associate Professor Position: Dean	Responsibilities:  Academic & Administrative Head of School of Pharmacy  To coordinate development and teaching of Pharmacy & other relevant Health Sciences  To develop, upgrade and deliver academic curricula



	✚ To lead the School faculty, staff and collaborators in carrying out innovative research, patenting, publishing and income generation ✚ To teach Pre-clinical, Medical and Pharmaceutical Sciences to both Undergraduate and Postgraduate students ✚ To Supervise students undertaking academic projects or research ✚ To examine Undergraduate and Postgraduate students ✚ To Plan for and manage development, growth and all resources assigned to the School ✚ To lead School faculty, Staff and collaborators in raising funds and other resources for Research and Development
Jan 2020 to September 2020	Associate Professor of Pharmacy
Maseno University, School of Medicine Rank: Associate Professor	Responsibilities: ✚ To coordinate development and teaching of Pharmacy & Health Sciences ✚ To develop, upgrade and deliver academic curricula ✚ To teach Pre-clinical, Medical and Pharmaceutical Sciences to both Undergraduate and Postgraduate students ✚ To Supervise students undertaking academic projects or research ✚ To examine Undergraduate and Postgraduate students ✚ To raise funds and other resources for Research and Development
2010 to 2019: 2014 to 2017:	Assistant Professor & Program Leader of Pharmacy Interim Dean, School of Pharmacy and Health Sciences
United States International University (USIU)-Africa, Nairobi Campus Rank: Assistant Professor Position: Interim Dean	Responsibilities: ❖ To coordinate development and teaching of Pharmacy & Health Sciences ❖ To develop, upgrade and deliver academic curricula ❖ To lead the School faculty, staff and collaborators in carrying out innovative research, patenting, publishing and income generation ❖ To teach Pre-clinical, Medical and Pharmaceutical Sciences to both Undergraduate and Postgraduate students ❖ To Supervise students undertaking academic projects



	or research ❖ To examine Undergraduate and Postgraduate students ❖ To Plan for and manage development, growth and all resources assigned to the School ❖ To lead School faculty, Staff and collaborators in raising funds and other resources for Research and Development
1 st Dec. 1993 to 2010	Pharmacist/Lecturer
University Health Services, University of Nairobi. Grade: Academic/Lecturer. Position: Chief Pharmacist	The Service caters for about 51,000 people as either students, staff or their dependants. All Staff and Students of the University of Nairobi are members of the University Medical Scheme which is managed by the Health Services. The Service takes care of both outpatient and in-patient needs of its members. It also cares for medical, surgical, obstetrical, gynaecological, dental, optical and well-baby services. The outpatient turnover is about 90,000 patients per year. Responsibilities: Monitor proper use of drugs and surgical equipment / items. Processing and generally Managing all Students and Staff Medical Claims, including setting rules related thereto. Team member at Ward rounds and to ensure satisfactory patient therapy Give drug information to needy patients and generally to medical prescribers. To advise the University administration on cost effective use of various groups of medication. Generally act as Poisons Information Specialist. To ensure all the drugs/surgical items used at the University are registered by the Pharmacy and Poisons Board according to the Pharmacy and Poisons Act, Chapter 244, Laws of Kenya. And also to ensure that all the Pharmaceutical suppliers dealing with the Health Services are registered as per the same Act above. Choosing, Purchasing, Stock controlling and Storage of drugs and surgical equipment/items. Distribution of the same to the various user units/ clinics Assist “user” technical staff in identifying and installing Health Service software and training on the use of the same including in the use of up graded versions.



	Assist “user” technical staff in organising and monitoring the operating environment ■ Establishment of security procedures; ■ Production of instruction leaflets and Stock Inventories for Prescribing Personnel; ■ Organisation and follow up of equipment maintenance (first level of computer maintenance, primary diagnostics, and contacts with maintenance supplier); ■ Establishment of logbooks for keeping records on equipment; ■ Installation and operation, failures, interventions, maintenance; ■ Monitoring stationery supply. As the head of the Pharmacy Unit of the Health Service ■ supervise the general performance of the unit and in particular ensure proper service delivery; ■ allocate duties to all members of staff of the unit; ■ prepare and keep a duty roster / leave roster of the staff ■ ensure that the staff are kept abreast with current information on drugs and general practice by organising Continuous Medical Education and subscription to professional Medical Journals. Setting up of an Income Generating Unit in line with current trend in all the Public Universities but in particular at the University of Nairobi. This ensures self-sustainability of the Service and improvement of the quality of service given, together with the necessary equipment and Technological back up. Attend to personnel requirements of the department, including discipline and staff welfare; recommendations for upward mobility; interviews and recommendation for staff recruitment and / or promotions; intersectional transfers and recommendation for on the job training. Attend Management and Tender Board meetings of the University of Nairobi; Secretary of the Drugs and Therapeutics Committee of the University. In-charge of the Drugs’ Stores.
April 1991 – Nov. 1993	Company Pharmacist
Pharmaceutical Products Ltd., Nairobi.	This is a pharmaceutical manufacturing plant for both veterinary and human medicines. Was overall in charge of Production, Sales, Distribution, Regulatory Affairs, Quality



Grade: Management Position: Company Pharmacist	Analysis and Quality Assurance. Designed, set up and started a functional Quality Analysis Laboratory, Warehouse/Store for raw materials and for finished products. Identified and hired staff for the same. Designed and wrote up the Standard Operation Procedures for both QA and Production Departments, as well as marketing brochures. In Production, formulated a number of medicinal preparations.
July 1990 – April 1991	Pharmacist I
Ministry of Health, Kenya.	Was the first Pharmacist to be seconded by the ministry to the newly set up Drugs and Poisons Information Centre at the Department of Pharmacy, University of Nairobi.
July 1989 – June 1990	Intern (Pharmacist II)
Ministry of Health, Kenya.	

CAREER DEVELOPMENT

He is a holder of the United States FPGEE (Foreign Pharmacy Graduate Equivalency Examination) Certificate. Has participated in many Medical seminars and workshops as organiser, facilitator and participant. Has done a lot of work in areas of Clinical application and practice, including Clinical Ward Rounds in Kenyatta National Hospital and University of Nairobi Hospital.

He taught pharmacy law and ethics to final year Pharmacy students at the School of Pharmacy, University of Nairobi. Also gave Lectures and Consults in Pharmacy and Alternative Medicine at Kenyatta University.

Has given several Lectures on “Pharmaceutical Services: Drug Procurement and Distribution” to fourth and fifth year Medical Students of the University of Nairobi as a Visiting Lecturer in the Department of Clinical Pharmacology.

MAJOR INTERESTS

Health Economics, Planning and Management; Good Manufacturing Practices; Industrial Microbiology; Drugs Sourcing, Logistics and Chain Management; Forensic Medicine and Pharmacy; Desire for Continuous Learning, Teaching and Research.

HOBBIES

Writing; Watching Outdoor Games (Soccer, Basketball, Athletics, Rugby etc); Music; Reading; Travelling; Exchanging Views and Ideas.

REFEREES

Prof. James Kahindi, PhD.,



Professor of Microbiology and
The Vice-Chancellor,
PWANI UNIVERSITY, KILIFI
Phone: +254 (0) 722-705015

Prof. Jennifer A. Orwa, PhD, OGW, FPSK

Associate Professor of Pharmacy,
Chief Research Officer and Ag. AD (Resource Development & Knowledge Management),
KENYA MEDICAL RESEARCH INSTITUTE.

And
Editor,
PHARMACEUTICAL JOURNAL OF KENYA.
Phone: +254 (0) 722 700864

Dr. Faith Apolot Okalebo, PhD., MPSK

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Dept. of Pharmacology and Pharmacognosy, School of Pharmacy,
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