

CURRICULUM VITAE

A) PERSONAL INFORMATION

Names: Pakoyo Fadhuru Kamba
Date of Birth: 03/17/1977
Nationality: Ugandan
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Busitema University.
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B) SCIENTIFIC PROFILE SUMMARY

I am a multi-disciplinary scientist combining extensive hands-on graduate training in laboratory biomolecular research with postdoctoral training in quantitative and qualitative non-laboratory research. Motivated by a desire to acquire advanced expertise in scientific techniques essential to drug and vaccine discovery and development, I undertook Masters degree training in Virology and doctoral training in Cell and Molecular Biology in leading universities in the UK and USA. I have expertise in several recombinant DNA technologies, including molecular cloning (a key technology for design of DNA vaccines and recombinant DNA for biochemical and biotechnological studies); recombinant protein production, purification and characterization (for therapeutics, subunit vaccines, diagnostics and biochemical studies); protein structural studies; in vitro RNA production (a key technology for production of pure RNAs of specific genes for biochemical studies and mRNA vaccines); assays of protein-RNA interactions; antiviral drug assays; antibacterial drug assays. I have extensive hands-on experience with diverse, cutting edge scientific technology for validating drug targets, including biomolecular nuclear magnetic resonance (NMR) spectroscopy, protein crystallization (for structure elucidation by x-ray crystallography), circular dichroism (CD) spectroscopy, fluorescence spectroscopy, tandem liquid chromatography mass spectrometry (LC-MS/MS), matrix assisted laser desorption ionization (MALDI) mass spectrometry, in vitro selection of high affinity ligands for drug targets, virtual drug screening (structure based drug design), electrophoretic mobility shift assays (EMSA) and bioinformatics (including in silico prediction of protein secondary and three dimensional structures). On the other hand, I have undertaken postdoctoral population-based research in prescription opioid and psychotropic drug regulation and non-medical use, and developing technological interventions to mitigate the rising burden of prescription opioid and psychotropic drug abuse. In this vain, we have recently developed a web-based prescription drug monitoring system (PDMS) which if deployed will strengthen compliance of prescribers and pharmacies with opioids and psychotropic drug regulations in Uganda. I have undertaken trainings in laboratory biosafety, radiation safety in the lab, responsible conduct of research, Good Clinical Practices (GCP), biostatistical and epidemiological data analysis, and advanced methods of qualitative research.

C) ACADEMIC BACKGROUND

INSTITUTION AND LOCATION	DEGREE/CERTIFICATE	Completion Date MM/YYYY	FIELD OF STUDY
Makerere University, Kampala, Uganda	Bachelor of Pharmacy (Upper Second, HONS)	06/2000	Pharmacy/Pharmaceutical Sciences
University of London (London School of Hygiene & Tropical Medicine), London, UK	MSc. in Virology	08/2005	Molecular & Clinical Virology; Molecular Biology; Bacteriology; Antimicrobial Therapy

Makerere University, Kampala, Uganda	Master of Business Administration	07/2007	Management; Business Administration
Michigan State University, East Lansing, Michigan, USA	PhD	08/2013	Cell & Molecular Biology; Protein Biochemistry /Biophysics
St. Peter's College Tororo	UACE	04/1996	Physics, Chemistry, Mathematics
St. Peter's College Tororo	UCE	12/1993	
Kanginima Primary School	PLE	11/1989	

D) PROFESSIONAL MEMBERSHIPS

2023 (Dec) to date: Member, Busitema University Academic Staff Association (BUASA)

2018 (Aug) to date: Member, AFREhealth.

2009 (Mar) to 2014 (May): Member, RNA Society.

2006 (May) to 2023 (Dec): Member, Makerere University Academic Staff Association (MUASA)

2001 (Oct) to date: Member, Pharmaceutical Society of Uganda.

E) PROFESSIONAL CAREER

Period	Position & Institution
2023 (Jul to Dec)	Associate Professor, Department of Pharmacy, Makerere University
2018 (Feb) to 2023 (Jul)	Senior Lecturer, Department of Pharmacy, Makerere University
2008 (Feb) to 2018 (Jan)	Lecturer, Department of Pharmacy, Makerere University
2005 (Sep) to 2008 (Jan)	Assistant Lecturer, Department of Pharmacy, Makerere University
2003 (Apr) to 2004 (Sep)	Scientific Officer/Pharmacist, Development of Antiretroviral Therapy in Africa (DART) Project, UK Medical Research Council, UVRI, Entebbe
2001 (Oct) to 2003 (Sep)	Pharmaceutical Director, Abacus Pharma (Africa) Ltd, Mbale, Uganda
2000 (Aug) to 2001 (Oct)	Intern pharmacist, Mulago Hospital, Butabika Hospital, Joint Medical Store

F) EXPERIENCE IN ACADEMIC LEADERSHIP AND GOVERNANCE

Period	Position & Institution
2023 (Dec) to date	Deputy Vice Chancellor (Finance & Administration), Busitema University
2022 (Apr) to 2023 (Dec)	Dean, School of Health Sciences, College of Health Sciences, Makerere University
2018 (May) to 2022 (Apr)	Head, Department of Pharmacy, Makerere University
2015 (Oct) to 2017 (Nov)	Ag. Head, Department of Pharmacy, Makerere University

G) EXPERIENCE IN CORPORATE GOVERNANCE

Period	Nature of service
2023 (Jan) to date	Member, King Ceasor University Council, Kampala
2023 (Jan) to date	Vice Chairperson Appointments Board, King Ceasor University, Kampala
2021 (Oct) to date	Member, Governing Council of the Allied Health Professionals Council
2021 (Oct) to date	Member of the Education, Training and Registration Committee, Allied Health Professionals Council
2021 (Oct) to date	Member of the Inspection and Quality Assurance Committee, Allied Health Professionals Council
2016 (Jul) to 2022 (Sep)	Member of the Board of Directors, National Drug Authority, Kampala
2017 (Jan) to 2022 (Sep)	Chairperson of the Board's Committee on Essential Drugs, National Drug Authority

2017 (Jan) – 2020 (Jan)	Member, Board’s Human Resource Committee, National Drug Authority, Kampala
2017 (Jan) – 2022 (Sep)	Member, Board’s Veterinary Medicines Committee, National Drug Authority
2001-2010	Chairman, Pallisa District Youth Council
2002-2004	Chairperson School Management Committee, Kanginima Primary School

H) GRANTS WON AND EXPERIENCE IN PROJECT MANAGEMENT

No.	Particulars of Grant	Amount	Role
1.	2021 (Aug): Development of a prescription drug monitoring system (PDMS) for opioids and psychotropic drugs in Uganda. MakRIF	UGX 167,828,000 (USD 45,359)	Co-PI
2.	2021 (Feb): Fleming Country Grant II for Antimicrobial Resistance Surveillance in Uganda, RFP/CGII/UGANDA. UK Department of Health and Social Care. [Consortium led by Infectious Diseases Institute, Makerere University]	£ 76,636	Partner Team Lead
3.	2020: Scaling up the Refugees and Host Community’s response towards COVID-19 in Northern Uganda. Makerere University Research and Innovations Fund (RIF)	UGX 59,808,000 (USD 15,949)	PI
4.	2020: A Prospective Cohort Study of Oral Morphine Self-medication by Caregivers of Paediatric Patients at Mulago National Referral Hospital, Kampala. Mak RIF	UGX 89,457,480 (USD 23,855)	PI
5.	2018: Fleming Fund Country Grant I for Antimicrobial Resistance Surveillance in Uganda, RFP/CGI/UGANDA. UK Department of Health and Social Care. [Consortium led by Infectious Diseases Institute, Makerere University]	£ 70,000	Partner Team Lead
6.	2017: Health as a Business project phase II (HaaB II). Cardno /USAID Uganda Private Health Support Program. Contract # 4717-2017-FFP-014	USD 125,000	Team Lead
7.	2014 (Oct): Business Training and Counseling for the Private Health Sector in Uganda”. Awarded by USAID/Uganda Private Health Support Program. Grant # 4717-2014-004-1	USD 250,000	Team Lead

I) EXPERIENCE IN STAFF MENTORING AND CAREER DEVELOPMENT

As a Head of Department and Dean, I personally took on career mentoring and guidance of staff, and ensured timely handling of staff promotion applications. Through this, I convinced many staff who were initially disinterested to enroll for PhDs; directly mentored many to write grants, fellowship applications, and manuscripts for publication; linked them to funding opportunities; and achieved the highest promotion rates in the history of the School of Health Sciences at Makerere University. The following staff enrolled for PhDs after my mentoring:

1. Kaggwa Bruhan
2. Lutoti Stephen
3. Paul Kutyabami
4. Winnie Nambatya
5. Munanura Edson Ireeta

The following staff won grants and fellowships for the first time and the sustained it through my direct mentoring and inputs:

1. Kaggwa Bruhan
2. Lutoti Stephen
3. Paul Kutyabami

4. Winnie Nambatya
5. Munanura Edson Ireeta
6. Mugisha Mike
7. Kalidi Rajab
8. Kyeyune Henry

The following staff were promoted under my leadership:

No.	Staff names	Department	Promoted from	Promoted to	Year Promoted
1	Paul Kutwabami	Pharmacy	Lecturer	Senior Lecturer	2023
2	Mugisha Mike	Pharmacy	Assistant Lecturer	Lecturer	2023
3	Dr. Pakoyo Fadhiru Kamba	Pharmacy	Senior Lecturer	Associate Professor	2023
			Lecturer	Senior Lecturer	2018
4	Dr. Kitutu Freddy Eric	Pharmacy	Lecturer	Senior Lecturer	2022
5	Robert BD Otto	Pharmacy	Lecturer	Senior Lecturer	2021
6	Kaggwa Bruhan	Pharmacy	Assistant Lecturer	Lecturer	2021
7	Munanura Edson Ireeta	Pharmacy	Assistant Lecturer	Lecturer	2021
8	Dr. Patience Muwanguzi	Nursing	Lecturer	Senior Lecturer	2022
9	Dr. Richard Muhindo	Nursing	Lecturer	Senior Lecturer	2022
10	Dr. Tom Ngabirano	Nursing	Senior Lecturer	Associate Professor	2023
11	Dr. Scovia Mbalinda	Nursing	Lecturer	Senior Lecturer	2023
12	Dr. Catherine Mwesigwa		Lecturer	Senior Lecturer	2022

J) OTHER SUCCESSSES AS AN ACADEMIC LEADER

i) Introduced leadership succession planning in the Department of Pharmacy

Although Makerere University structure does not provide for a deputy to the Head of Department, I introduced the idea of Associate Chair where the department's faculty democratically select someone to understudy the Head of Department full time. This was idea was embraced by Department and it has enhanced leadership effectiveness by decongesting Head of Department's schedule, as well as provided hands-on exposure in academic leadership to at least two young faculty.

ii) Enhanced Masters' degree completion rates in the Department

When I became Head of the Department of Pharmacy in October 2015, I found when most students from 2011, 2012 and 2013 had not completed their degrees, either because they had not been taught some courses where department depended on guest lecturers or they had not progressed on their theses. I permanently reversed this trend through internal reorganization of teaching in the department, engagement of the students to understand and address their challenges, active monitoring and follow-up of graduate students, and MOU with National Drug Authority that was the primary source of guest lecturers.

iii) Rejuvenated interest in graduate programmes in the Department of Pharmacy

When I became Head of the Department of Pharmacy in October 2015, I found when annual enrollment to the Master of Science in Pharmacognosy had dropped to zero and that to the Master of Science in Pharmaceuticals and Health Supplies Management had dropped to one for at least two years. I turn this around through improved efficiency in management of graduate programmes (as

stated above) and stepped-up advertising of these programmes online and among social media platforms of targeted applicants.

iv) Pioneered weekly research seminars in the Department of Pharmacy

This helped mentor students and staff in critical appraisal of literature, resulting in improved confidence in writing thesis proposals and final theses by students, and improved quality of mentoring graduate students by supervisors. This also contributed to enhanced completion rates of Masters students. These research seminars are now integrated into graduate curricula.

v) Reduced delays in examination of doctoral dissertations as Dean

This has been achieved through efficient management of examiners' approval process by the doctoral committee and School Higher Degrees Committee, sharing of electronic thesis and examination guide with examiners ahead of the hard copy, and improved communication with internal and external examiners to ensure examination of the thesis books is completed early. Where examination of doctoral dissertations takes at least 6-12 months in other schools at Makerere University, this has been realized in 3-4 months under my deanship.

K) EXPERIENCE WITH ENTERPRISE MANAGEMENT TECHNOLOGIES

2001 (Apr – May): As an intern pharmacist, I received hands-on apprenticeship on Navision at Joint Medical Store in 2001

2018 to date: Have used various enterprise management systems as Head of Department and Dean at Makerere University, such as AIMS (academic information management system) for management of students' results and graduation; ACMIS (academic management information system) for management of students' results and graduation; e-hrms (e-human resource management system) for managing staff performance, leave, promotions, confirmations, etc.

Skills in database applications: Literacy in Microsoft Excel, including using it in budget preparation and analysis; training in Microsoft Access.

Skills in data analysis applications: Hands-on training and experience using STATA

L) UNIVERSITY COURSES TAUGHT OVER THE YEARS

Course code	Course Name
Programme: Bachelor of Pharmacy (BPharm)	
PHS3213	Pharmaceutical Biotechnology and Industrial Microbiology
PHS4105	Research Methodology and Proposal development
PHS4205	Research project work
Programme: Master of Science in Pharmacognosy	
PCG7109	Pharmacokinetics, Pharmacodynamics, Receptor Theory and Biopharmaceutics
PCG7206	Biotechnology of Natural Products
PCG7207	Entrepreneurship and Business Development for Natural Products
PCG7208	Drug Discovery, Development and Registration
MPM8104	Research Seminar I
PCG8104	Research Proposal Development
PCG8202	Dissertation
MPM8203	Research Seminar II
Programme: Master of Science in Pharmaceuticals and Health Supplies Management	
MPM7101	Inventory Management
MPM7201	Medicines and health Supplies Management
MPM8101	Research Proposal
MPM8103	Drug Policy and Regulations
MPM8201	Research Project

M) STUDENTS' RESEARCH SUPERVISED

i) Completed dissertations

No.	Student names	Research topic	Year completed
Programme: PhD in Pharmaceutical Analysis, Mbarara University of Science and Technology			
1.	Kaggwa Bruhan	Development of Analytical Biomarkers and Chromatographic Methods for Phytochemical Standardization of Herbal Medicines Manufactured in Uganda	2024
Programme: Master of Science in Pharmacognosy, Makerere University			
1.	Agonza Dickson	Evaluation of the lactogenic activity of <i>Moringa oleifera</i> ethanol extract in Swiss Albino Rats.	2022
2.	Okwany Patrick	Heavy metal contamination of oral herbal medicines sold in retail pharmacies in the Central Division of Kampala city	2021
3.	Kyeyune Henry	Traditional practices of disease diagnosis and patient monitoring by herbalists in Uganda: a case study of Mpigi District	2020
Programme: Master of Science in Pharmaceuticals and Health Supplies Management			
1.	Nannyonjo Anne	Scope of work and factors associated with pharmacist practice in public and private hospitals in Kampala, Uganda	2023
2.	Kayondo Isaac	Health care workers' knowledge, policies, procedures and practices of medicines disposal in private clinics in Kampala Capital City	2022
3.	Namirimu Regina Mary	Effect of covid-19 on supplier performance, costs, and availability of medicines in public referral hospitals in Uganda	2022
4.	Kakiya Robinah	Assessment of availability and inventory management practices of microbiology laboratory supplies in public health facilities in Kampala Metropolitan Area	2022
5.	Walugembe Richard	Availability of cold chain products and systems, and factors associated with adherence to essential cold chain requirements among community pharmacies in Kampala and Gulu districts	2022
6.	Ameso Sarah	Compliance to regulatory requirements for wholesale among pharmaceutical distributors in Kampala Central Division and Mbale Municipality in Uganda.	2022
7.	Kirungi Gloria	Effect of judgmental adjustments and environmental factors on forecast accuracy in improving the forecast for Anti-retroviral Medicines in Uganda.	2021
8.	Asiimwe Pamela Nnunda	Pharmaceutical waste burden and disposal practices among community pharmacies in Kampala. MSc in Pharmaceuticals and Health Supplies Management of Makerere University. [under examination]	2021
9.	Hezron Kataza Ssajjalyabene	Medicines traceability system needs for effective product recall by the medicines regulator in Uganda.	2021
10.	Busingye Raymond	The benefits and pitfalls of electronic inventory management among retail pharmacies in Uganda: case study of Kampala	2020
11.	Kasamba Ronnie	Qualitative study of the drivers and lived experiences of controlled prescription drug use among mental health patients at Butabika National Mental Referral Hospital	2019
12.	Mpewo Judah	Healthcare workers perspectives of controlled prescription drug abuse in the health care workforce at two hospitals in Uganda	2019
13.	Kabagabe Helen	Coping Patterns of Health Workers and Consumers towards Medicines Stock-outs in Public Health Facilities in Uganda: Case Study of Kabarole District	2019
14.	Mugisha Mike	Financial Performance of retail pharmacies: A case of Kampala	2019

15.	Obua Thomas Ocwa	Factors that affect the attraction and retention of pharmacists in public sector hospitals in Uganda	2017
16.	Aguma Bush Herbert	Dispensing of prescription only medicines in community pharmacies in Kampala: Associated Factors	2016
17.	Magombe Geoffrey	Supply Chain Agility and its Determinants in the Private Pharmaceutical Sector in Kampala City	2016
Programme: Master of Science in Molecular Biology and Applied Biotechnology			
1.	Balikuna Sulah	Generating catalytically mutant mycobacteria rhomboid protease 1 recombinant DNA constructs in <i>Escherichia coli</i> expression vectors. MSc Molecular Biology and Biotechnology.	2022
Programme: Bachelor of Pharmacy			
1.	Apio Patricia, Kyomuhendo Evalyne, Muhwezi Ashraf	Assessing appropriate use and outcomes of emergency contraceptive pills among undergraduate female students of Makerere University	2023
2.	Nasasira Abert, Nanfuma Daphine, Taire Paul	Prevalence, incidence and associated factors of oral morphine self-medication among care givers of paediatric sickle cell patients on prescribed oral morphine at Mulago National Referral hospital, Kampala	2021
3.	Mabia Joshua, Katende Deogratias, Wairama Timothy	Assessing oral morphine diversion controls and effects on quality of life of caregivers and sickle cell patients at Mulago National Referral Hospital	2021
4.	Narika Racheal, Namaganda Veronica	Assessing knowledge, attitudes and practices on adverse drug reaction reporting in community pharmacies in Kampala	2019
5.	Mugera Jonathan, Kisembo John	Use of contraindicated medicines in the first trimester of pregnancy among women at China-Uganda Friendship Hospital	2017
6.	Ntale Enoch, Luberenga Paul, Dhikusooka Waiswa	Antiinflammatory effect of a topical gel of combined ethanolic extracts of <i>Curcuma longa</i> and <i>Zingiber officinale</i> in wistar albino rats	2017
7.	Walugembe Richard, Lusiba Godfrey, Angwec Babra, Mwebaza Joyce, Kisekka John Bosco	Development of a herbal spermicidal formulation containing extracts of <i>Azadirachta indica</i> and <i>Citrus limon</i>	2016
8.	Andrew Samuel Semuyaba, Edel Dorothy Masembe, Hassan Kimera Kagugube, Linda Gertrude Mutumba, Michael Kasozi	Design, development and evaluation of an oral liquid dosage form from a combined extract of <i>vernonia amygdalina</i> and <i>carica papaya</i> for the management of malaria	2015
9.	Bungu Edwin Waran	Perceived risk factors for counterfeit and sub-standard medicine trade in Uganda	2014
10.	Bbosa Rogers	Sterility assessment of selected parenteral injections after multiple dose withdrawals in Uganda Heart Institute – Mulago Hospital	2014
11.	Segawa Ivan	Evaluation of the practice of secondary prophylaxis of cryptococcal meningitis amongst HIV/AIDS patients attending Kiswa Health Centre IV, Kawempe Division, Kampala	2014
12.	Subi Henry	Prevalence and determinants of over-the-counter acquisition of macrolide antibiotics in community pharmacies in Kampala	2014

13.	Achii Pamela	Comparison of perceived early and late onset adverse drug reactions to antiretroviral therapy in HIV positive adults and children in Kampala	2007
14.	Olweny James Okoth	Knowledge, attitude and practice of HIV post-exposure prophylaxis in view of occupational exposure among health care workers in Kampala, Uganda	2007
15.	Nakyanzi Josephine	The frequency and risk factors of medicine expiry in drug outlets in Uganda: case study of Kampala and Entebbe	2007
16.	Ocanya Francis	Pharmacy practice in a large scale antiretroviral treatment programme – case of TASO Mulago	2006
17.	Tusiimire Jonans	Technical development of herbal antiviral chemotherapeutic agents in Uganda	2006
18.	Nabbale Asha	Constraints to development of herbal antiviral medicines in Uganda	2006

ii) Selected ongoing students' dissertation projects being supervised

No.	Student names	Research topic
Programme: PhD in Pharmacognosy at Mbarara University of Science & Technology		
1.	Aber Jacqueline	Biological effects of anti-prostate cancer herbal extracts with conventional anticancer drugs
2.	Ahovegbe Yémalin Lucrèce Judith	Evaluation of two medicinal plants on Key factors causing treatment failure in Hepatitis C infection
3.	Lutoti Stephen	Anti-Proliferative Activity screening of bioactive compounds from medicinal plants traditionally used by Breast Cancer patients in Central Uganda
Programme: Master of Science in Pharmaceuticals and Health Supplies Management		
4.	Semukutu Angela	Utilization enablers, challenges and impact of the Web-based Antiretroviral Ordering and Reporting System in Regional Referral Hospitals in Uganda
5.	Florence Nabirye Shantara	Utilization of temperature and humidity data loggers on in-transit consignments of pharmaceutical imports among local technical representatives in Kampala
6.	Mutesi Lilian	Towards pragmatism in medicines regulation in rural Uganda: Exploring perceptions of regulators and rural population in Iganga district towards closure of drug shops
7.	Kageni Peter	Exploratory study of registration profile, cost, consumption and quality of commonly sold therapeutic proteins in community pharmacies in Kampala City

N) SERVICE ON MAKERERE UNIVERSITY COMMITTEES

Period	Nature of service
2023 (Jan to Sep)	Finance Committee Chair, member organizing committee, and member scientific committee of the 17 th Joint Annual Scientific and Health (JASH) organized jointly by Makerere University College of Health Sciences and UNACOH; scheduled for September 20 th -22 nd 2023
2022 (Dec) to 2023 (Jan)	Member, Vice Chancellor's Investigation Committee into allegations of double employment by one staff
2022 (Apr) to 2023 (Dec)	Chairperson, School of Health Sciences Higher Degrees/Research and Ethics Committee (HDREC), Makerere University
2022 (Apr) to 2023 (Dec)	Member, Makerere University Senate
2022 (Apr) to 2023 (Dec)	Member, College Finance Committee, Makerere University College of Health Sciences
2022 (Apr) to 2023 (Dec)	Member, College Administrative Board, Makerere University College of Health Sciences
2022 (Apr) to 2023 (Dec)	Member, College Establishments and Appointments Committee
2022 (Apr) to 2023 (Dec)	Member, College Programmes and Libraries Committee

2017 - 2018	Member, Scientific Committee, Makerere University 1st International Non-communicable Disease Symposium, February 12 th -14 th , 2018, Speke Resort, Munyonyo, Kampala
2016 to 2022	Member of the School Higher Degrees Committee, School of Health Sciences
2016-2017	Member of taskforce for formation of Mak Health Ltd, College of Health Sciences
2016 (Jun – Jul)	Member, curriculum review committee assigned to harmonize new curricula for undergraduate programmes in the College of Health Sciences
2015 to date	Member, College of Health Sciences Grants Committee
2015 (Oct) to date	Member of the College Academic Board, College of Health Sciences
2015 (Oct) to date	Member of the College Examinations Committee, College of Health Sciences
2015 (Oct) to date	Member of the College Sexual Harassment Committee, College of Health Sciences

O) VOLUNTARY SERVICE TO ACADEMIA AND THE COMMUNITY

Period	Nature of service
2023 (Jan) to date	Chair, St. William Catholic Church (Kanginima, Butebo) building committee
2021 to date	Vice Chair, St. Peter's College Tororo Old Boys Association SACCO
2021 (Oct) to date	Reviewer, Substance Abuse, Treatment and Policy, a Springer journal
2021 (Sep) to date	Member of the Allied Health Professionals Council, Ministry of Health
2021 (Feb) to date	Reviewer, Scientific African, an Elsevier refereed journal
2019 to 2020	Executive Committee member, St. Peter's College Tororo Old Boys Association
2019 to date	PhD External Examiner, Rhodes University & Mbarara University of Science and Technology
2018	Member of the Scientific Committee for the 1 st International MakCHS Noncommunicable Diseases Symposium, Speke Resort Munyonyo, Kampala
2016 (Jul) to 2022 (Sep)	Member of the Board of Directors, National Drug Authority, Kampala
2011	Reviewer, Health Affairs, a public health journal in the U.S
2021-2010	Chairman, Pallisa District Youth Council
2002-2004	Chairperson School Management Committee, Kanginima Primary School

P) SELECTED PUBLICATIONS

No.	Citation of publication
Journal articles	
1.	Lucrèce Ahovègbé, Raïmi A. Kpoussou, Rajiv Shah, Chris Davis, Marc Niebel, Ana Filipe, Emily Goldstein, Khadidjatou S. Alassan, René Keke, Jean Sehonou, Nicolas Kodjoh, Surajit Ray, Craig Wilkie, Sreenu Vattipally, Lily Tong, Donald Smith, Pakoyo F. Kamba , Judith S. Gbenoudon, Rory Gunson, Patrick Ogwang, HCV-SSA network, Emma C. Thomson. (2024) Hepatitis C virus diversity and treatment outcomes in Benin; a prospective cohort study. <i>Lancet Microbe</i> [In Press]
2.	Bruhan Kaggwa, Godwin Anywar, Edson Ireeta Munanura, Raphael Wangalwa, Henry Kyeyune, Hedmon Okella, Fadhiru Pakoyo Kamba , Ogwang Patrick Engeu. Application of the Herbal chemical Marker Ranking System (Herb MaRS) to standardization of herbal pharmaceutical raw materials-a case study. <i>BMC Complementary Medicine and Therapies</i> (2023) 23:348. https://doi.org/10.1186/s12906-023-04178-3
3.	Stephen Lutoti, Bruhan Kaggwa, Pakoyo Fadhiru Kamba , Jackson Mukonzo, Crispin Duncan Sesazi, Esther Katuura. (2023). Ethnobotanical Survey of Medicinal Plants Used in Breast Cancer Treatment by Traditional Health Practitioners in Central Uganda. <i>Journal of Multidisciplinary Healthcare</i> 16: 635–651

4.	Bruhan Kaggwa, Maria Gloria Nakayita, Edson Ireeta Munanura, Henry Kyeyune, Clement Olusoji Ajayi, Raphael Wangalwa, Daniel Pillah Walakira, Godwin Anywar, Lynn K. Bagoloire, Teddy Kakazi, Gabriel Ddamulira, Fadhuru Pakoyo Kamba , Patrick Engeu Ogwang (2023). Chemometric Classification of <i>Mangifera indica</i> L. Leaf Cultivars, Based on Selected Phytochemical Parameters; Implications for Standardization of the Pharmaceutical Raw Materials. <i>Evidence-Based Complementary and Alternative Medicine</i> , Volume 2023, Article ID 7245876, 17 pages. https://doi.org/10.1155/2023/7245876
5.	Bruhan Kaggwa, Edson Ireeta Munanura, Henry Kyeyune, Godwin Anywar, Hedmon Okella, Clement Olusoji Ajayi, Raphael Wangalwa, John Mulangwa, Crispin Duncan Sesaaazi, Lynn K. Bagoloire, Casim Umba Tolo, Pakoyo Fadhuru Kamba and Patrick Engeu Ogwang. (2023). Evaluation of catechin, lupeol and betulinic acid as markers for chromatographic quality control of <i>Albizia coriaria</i> as herbal raw materials; an experimental study. <i>Journal of Medicinal Plant Research</i> 17(5): 180-200
6.	Bruhan Kaggwa, Henry Kyeyune, Edson Ireeta Munanura, Godwin Anywar, Stephen Lutoti, Jacqueline Aber, Lynn K. Bagoloire, Anke Weisheit, Casim Umba Tolo, Pakoyo Fadhuru Kamba , Patrick Engeu Ogwang. (2022). Safety and Efficacy of Medicinal Plants Used to Manufacture Herbal Products with Regulatory Approval in Uganda: A Cross-Sectional Study. <i>Evidence-Based Complementary and Alternative Medicine</i> 2022, Article (1304839), 21 pages. https://doi.org/10.1155/2022/1304839
7.	Pakoyo F. Kamba , Winnie Nambatya, Herbert B. Aguma, Esmita Charani, Kalidi Rajab. (2022). Gaps and opportunities in sustainable medicines use in resource limited settings: A situational analysis of Uganda. <i>British Journal of Clinical Pharmacology</i> . 2022;1-7. https://doi.org/10.1111/bcp.15324 .
8.	Lucrèce Y.J. Ahovègbéa , b , *, PatrickE. Ogwang a , EmanuëlL. Peter a , d , Andrew G. Mtewa a , c , Félicien M. Kasali a , e , Casim U. Tolo a , Judith Gbenoudon b , Anke Weisheit a , Kamba F. Pakoyo . (2021). Therapeutic potentials of <i>Vachellia nilotica</i> (L.) extracts in Hepatitis C infection: A review. <i>Scientific African</i> 13 (2021) e00918
9.	Paul Kutwabami 1, Edson Ireeta Munanura 1,*, Rajab Kalidi 1, Sulah Balikuna 1, Margaret Ndagire 1, Bruhan Kaggwa 1, Winnie Nambatya 1, Pakoyo Fadhuru Kamba 1 , Allan Musiimenta 2, Diana Nakitto Kesi 3, Victoria Nambasa 3 , Allan Serwanga 3 and Helen Byomire Ndagije 3. (2021). Evaluation of the Clinical Use of Ceftriaxone among In-Patients in Selected Health Facilities in Uganda. <i>Antibiotics</i> 2021, 10, 779. https://doi.org/10.3390/antibiotics10070779
10.	Pakoyo Fadhuru Kamba , John Mulangwa, Peter Kageni, Sulah Balikuna, Allan Kengo, Brian Byamah Mutamba, Nelson Sewankambo, Richard Odoi Adome, Pauline Byakika-Kibwika (2021). Predictors of controlled prescription drug non-medical and lifetime use among patients accessing public mental health services in Uganda: a cross-sectional study. <i>BMJ Open</i> 11(3):e037602. http://dx.doi.org/10.1136/bmjopen-2020-037602 Available at https://bmjopen.bmj.com/content/11/3/e037602.abstract . Online ISSN: 2044-6055
11.	Pakoyo Fadhuru Kamba , John Mulangwa, Bruhan Kaggwa, Freddy Eric Kitutu, Nelson Kaulukusi Sewankambo, Elly Tebasoboke Katabira, Pauline Byakika-Kibwika, Richard Odoi Adome and Robert Cyril Bollinger. (2020). Compliance of private pharmacies in Uganda with controlled prescription drugs regulations: a mixed-methods study. <i>Substance Abuse Treatment, Prevention, and Policy</i> ; 15: 16 https://doi.org/10.1186/s13011-020-00261-x . Available at https://link.springer.com/article/10.1186/s13011-020-00261-x . ISSN: 1747-597X
12.	Pakoyo F. Kamba , David A. Dickson, Neil A. White, Jennifer L. Ekstrom, Donna J. Koslowsky, Charles G. Hoogstraten (2018). The 27 kDa Trypanosoma brucei pentatricopeptide repeat protein is a G-tract specific RNA binding protein. <i>Scientific Reports</i> (2018) 8:16989 DOI:10.1038/s41598-018-34377-9. Available at https://www.nature.com/articles/s41598-018-34377-9 . ISSN 2045-2322 (online)
13.	Pakoyo Fadhuru Kamba , Munanura Edson Ireeta, Sulah Balikuna, Bruhan Kaggwa (2017). Threats posed by stockpiles of expired pharmaceuticals in low- and middle-income countries: a Ugandan perspective. <i>Bulletin of the World Health Organization</i> 95: 594-598, doi: http://dx.doi.org/10.2471.BLT.16.186650 .

14.	Pakoyo Fadhuru Kamba , Bruhan Kaggwa, Edson Ireeta Munanura, Tom Okurut, Freddy Eric Kitutu (2017). Why regulatory indifference towards pharmaceutical pollution of the environment could be a missed opportunity in public health protection. A holistic view. <i>The Pan African Medical Journal</i> 27:77, doi:10.11604/pamj.2017.27.77.10973
15.	Thomas Ocwa Obua, Richard Odoi Adome, Paul Kutuyabami, Freddy Eric Kitutu, Pakoyo Fadhuru Kamba (2017). Factors associated with occupancy of pharmacist positions in public sector hospitals in Uganda: a cross-sectional study. <i>Human Resources for Health</i> 15: 1-12, DOI 10.1186/s12960-016-0176-x.
16.	Mukwaya Z, Engoru T, Kainza EJ, Inyani JK, Buligwanga S, Munanura EI, Kalidi R, Mugisha M, Adome OR, Kaggwa B, Anyama N, Kamba PF (2016). Efficacy of a syrup formulated from combined extracts of Vernonia amygdalina and Musa paradisiaca for management of type 2 diabetes. <i>African Journal of Pharmaceutical Research & Development</i> 8(2): 71-80
17.	Norbert G Anyama, James K Tibenderana, Paul Kutuyabami, Pakoyo F Kamba , Freddy E Kitutu, Richard O Adome (2012). Participatory healthcare-provider orientation to improve artemether-lumefantrine-based drug treatment of uncomplicated malaria: a cluster quasi-experimental study, <i>BMJ Qual Saf</i> 21:768-777
18.	Josephine K Nakyanzi, Freddy E Kitutu, Hussein Oria, Pakoyo F Kamba (2010). Expiry of medicines in supply outlets in Uganda. <i>Bulletin of the World Health Organization</i> 88(2):154-158. PMID: PMC2814474
Book sections	
1.	Pakoyo F. Kamba , Stephen Lutoti, Bruhan Kaggwa, Edson M Ireeta, Pamela P Blessed, Paul Kutuyabami, Mike Mugisha, Bush H Aguma, Kalidi Rajab, Winnie Nambatya and Richard O Adome. (2023). Chapter 26: Makerere University's contribution to pharmaceutical skills building in East Africa. <i>In Makerere's Century of service to East Africa and Beyond: 1922-2022</i> . Edited by A.B.K. Kasozi, Josephine Ahikire, Dominica Dipio, Isaac Tibasiima and Helen Byamugisha. [In Press]
2.	Kamba Pakoyo Fadhuru , Sulah Balikuna (2020). Education trends, innovation, transformations and current drivers of pharmacy curricula in relation to national health priorities in Uganda. <i>In FIP pharmacy education in sub-Saharan Africa</i> , International Pharmaceutical Federation. The Hague.
Academic theses (dissertations)	
1.	Pakoyo Fadhuru Kamba (2013). Functional and Biophysical Characterization of <i>Trypanosoma brucei</i> Pentatricopeptide repeat proteins. <i>Doctoral Dissertation</i> , Michigan State University, USA (supervised by Prof. Charles Hoogstraten). Published in <i>Proquest/UMI Dissertation Publishing</i> , Ann Arbor, MI, USA, ISBN 9781303300806 (5 chapters).
2.	Pakoyo F. Kamba (2007). "The Concept of Productivity among managers in Ugandan manufacturing firms" <i>MBA thesis</i> , Makerere University Business School, Makerere University, Kampala, Uganda (supervised by Dr. Thomas Walter).
3.	Pakoyo F. Kamba (2005). "Molecular Analysis of Herpesvirus from Primary Infections in Pediatric HIV/AIDS in Zambia" <i>MSc Thesis</i> , London School of Hygiene & Tropical Medicine, University of London, UK (supervised by Dr. Ursula Gompels).
Non-refereed journal articles	
1.	Pakoyo F. Kamba (2009). Hunting for the 'fountain of youth': progress in anti-aging drug discovery, <i>Makerere Pharmaceutical Journal</i> . 1(7): 28-29
2.	Pakoyo F. Kamba . (2007). RNA interference, leading the assault on stubborn bugs with versatility and robustness, <i>Makerere Pharmaceutical Journal</i> 1(5): 28-29

Q) RECENT CONFERENCE PRESENTATIONS

Period	Nature of service
2023 (Nov 21 st)	Current landscape and contemporary issues concerning pharmacy careers. <i>Induction of new pharmacists Workshop</i> , Pharmacy House, Kampala
2023 (Sep 28 th)	Strengthening Veterinary Pharmacy Practice Through Targeted Postgraduate Level Training in Uganda. <i>Annual Pharmaceutical Society of Uganda Continuing Professional Development (CPD) Conference</i> , Silver Springs Hotel, Kampala
2023 (Jun 30 th)	Academia and Research Careers for pharmacists. <i>Induction of new pharmacists Workshop</i> , Pharmacy House, Kampala
2021 (Dec 15 th)	“Vaccines and drug development agenda in developing countries: What can pharmacists do differently?” <i>Annual Pharmaceutical Society of Uganda (PSU) continuous professional development (CPD) Conference</i> , Pharmacy House, Kampala
2021 (June 29 th)	Overview lecture for panel discussion on “Improving NCDs Outcomes Through Pharmaceutical Care” at the World Health Summit; Kampala, via zoom.
2019 (Aug 9 th)	Prevalence and predictors of controlled prescription drug abuse among mental health patients at three referral hospitals in Uganda, <i>3rd AFREhealth symposium</i> , Lagos
2019 (Aug 3 rd)	Prevalence and factors associated with controlled prescription drug abuse among health care workers at three referral hospitals in Uganda, <i>Annual MEPI-J D43 Networking Meeting</i> , Lagos Continental Hotel, Lagos, Nigeria
2018 (Aug 8 th)	Dispensing practices of pethidine injection among private pharmacies in Uganda, <i>2nd AFREhealth symposium</i> , ICC, Durban, South Africa
2018 (Aug 8 th)	Regulatory compliance in stock control and dispensing of controlled prescription drugs among private pharmacies in Uganda, <i>2nd AFREhealth symposium</i> , ICC, Durban, South Africa

R) SCHOLARSHIP AND FELLOWSHIP AWARDS

2017-2019: NURTURE (Research Training and Mentoring Program for Career Development of Faculty at Makerere University College of Health Sciences) Postdoctoral Fellowship, USD 48,082.

2017-2019: 112

2013: College of Natural Science Dissertation Completion Fellowship, Michigan State University.

2012: College of Natural Science Dissertation Continuation Fellowship, Michigan State University.

2012: RNA Society Travel Fellowship to the RNA 2012 Meeting, Ann Arbor, Michigan, USA.

2008: Joshi Weston Award, Institute of International Education, New York, USA.

2007-2009: Fulbright predoctoral Scholarship, United States Department of State, USA.

2004-2005: Commonwealth Scholarship for postgraduate studies in UK.

1997: State Scholarship (USD 200) for being in top 20 candidates in A’Level Sciences, UNEB.

1996: Certificate of Merit in Academic Excellence (A’Level), St Peter’s College Tororo.

1993: Certificate of Merit in Academic Excellence (O’Level), St. Peter’s College Tororo.

S) SOME PROFESSIONAL DEVELOPMENT COURSES ATTENDED

Period	Nature of service
2022 (Jun 13 th – 18 th)	Five day “Effective Communication Skills Masterclass” Training, Richemele International Consultants, Nairobi. Held at Emara Ole Sereni Hotel, Nairobi.
2022 (April 11 th – 13 th)	Training in Cognitive & Emotional Intelligence, Richemele International Consultants. Held at Lake Victoria Serena Resort Kigo

2022 (Feb 28 th – May 3 rd)	Training in cybersecurity for executives and board members. Rostec School of Leadership & Governance, Pretoria, South Africa. Held at Lake Victoria Serena Resort Hotel, Kigo.
2022 (January 20 th – 25 th)	Four days training in Finance of Non-Finance Directors in the Public Sector, Quality Assurance & Management Consultants. Held at Lake Victoria Serena Resort Kigo
2021 (May 24 th – 28 th)	Risk Management, Ethics & Governance; Rostec School of Leadership & Governance, Pretoria, South Africa. Held at Lake Victoria Serena Resort Hotel, Kigo.
2021 (Feb 25 th – 26 th)	Stakeholder management, strategic management and Judicial review training. Organized by National Drug Authority. Held at Golf Course Hotel, Kampala.
2019 (Oct 14 th – 18 th)	Attended a Leadership, Ethics and Governance Course , Rostec School of Leadership & Governance, Pretoria, South Africa.
2019 (July 3 rd – 5 th)	Two days Women’s Mental Health Research , Institute of Psychiatry, Psychology & Neuroscience, King’s College London, Denmark Hill Campus
2019 (July 1 st – 2 nd)	Two days Economic Evaluation in Mental Health , Institute of Psychiatry, Psychology & Neuroscience, King’s College London, Denmark Hill Campus
2019 (June 9 th – 15 th)	Attended Leadership and Quality Management Training for the Board of National Drug Authority, Hilton Hotel, Nairobi, Kenya.
2019 (April 6 th – 12 th)	Wellcome Genome Campus Advanced Course on Practical Aspects of Small Molecule Drug Discovery in Cape Town, South Africa
2019 (January 8 th - 16 th)	Seven day “ Gaining Altitude/Intermediate Biostatistics Course ” for NURURE/THRiVE Fellows, Infectious Diseases Institute, Makerere Univ
2018 (Dec 20 th – 22 nd):	Three day “ Ground Leveling Statistics Course ” for NURTURE Fellows, Clinical Research Building, College of Health Sciences, Makerere Univ
2018 (Nov 27 th – 30 th):	Four day “ Scientific Writing Workshop ” for NURTURE Fellows by Prof. Bob Bollinger (Johns Hopkins Univ), Infectious Diseases Institute, Makerere
2018 (Nov 21 st – 23 rd):	Three days NURTURE skills development workshop on “ Communication ” by Prof. Joachim Voss (Case Western Reserve University), IDI, Makerere Univ
2018 (Aug 13 th – 17 th)	Attended five days of CMI (Chartered Management Institute) recognized “ NURTURE Leadership Development Program ” by Cygnet Business Development Ltd (U.K). Protea Hotel, Kampala.
2018 (Mar 16 th):	One-day Symposium on Trauma, Addiction & Mental Health at MUJHU, K’la
2018 (Jan 2 nd – 13 th):	Two weeks course on Advanced Qualitative Research Methods for Health Sciences , by Makerere University School of Public Health, Kampala
2017 (Nov 13 th – 18 th)	One week THRIVE-2 Ground Leveling Epidemiology Course , Esella Country Hotel, Najjera, Kampala.
2016 (Feb)	Attended the Makerere University Symposium on Higher Education, Makerere University Main Hall, Kampala.
2014 (March)	Attended a two weeks course on Immunology in the Tropics (Modules : Evolution of the Immune system, Malaria immunology, Helminths immunology, and Lab Practicals on ELISA and Flow cytometry) at the U.K Medical Research Council/Uganda Virus Research Institute Research Unit in Entebbe, Uganda, and was awarded a certificate.
2010	Six weeks Graduate School ‘ <i>Responsible Conduct of Research Series</i> ’ at Michigan State University, East Lansing, USA. (January 2010)

2009 (Aug)	Trained in ' <i>Teaching with Technology</i> ' at Michigan State University, East Lansing, USA, and was awarded a certificate.
2004 (Jan)	Trained in ' <i>Clinical Research Skills for Investigators</i> ' at the Pediatric Infectious Diseases Clinic, Mulago Hospital, Kampala, Uganda, and was awarded a certificate by Pfizer

T) REFEREES

1. Hon. Dr. Chris Baryomunsi

Minister of ICT and National Guidance

Republic of Uganda, Kampala

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2. Prof. Buyinza Mukadasi

Academic Registrar, Makerere University/

Former Director, Directorate of Research and Graduate Training, Makerere University

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3. Hon. Dr. Medard Bitekyerezo

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