

ONYAMBU MESHACK ONDORA, PHD.

CURRICULUM VITAE



Career objective: To be an outstanding Practitioner, Consultant, Scholar, teacher and Researcher in Pharmacognosy and Complementary Medicine with special emphasis on natural products drug discovery, Natural Prevention of lifestyle and infectious diseases.

1.1 Personal profile

1.1.1 Personal details

Name: Meshack Ondora Onyambu

Date of birth: 30th July 1983

Work address: Department of Pharmacognosy and Pharmaceutical Chemistry, School of health sciences, Kenyatta University, Po Box 43844-00100 Nairobi

Designation : Senior Lecturer

Email: onyambu.meshack@ku.ac.ke

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Area of specialization: Pharmacognosy, Complementary medicine

Research interests

- Drug discovery from natural products
- Natural management of lifestyle and infectious diseases

Google scholar: Meshack Ondora Onyambu :
https://scholar.google.com/citations?hl=en&user=9jkLf_UAAAAJ

ORCID ID: <https://orcid.org/0000-0002-6707-9265>

Current research website: www.npr.or.ke

1.1.2 Academic and Professional Qualifications

2012-2016: Doctor of Philosophy degree in Pharmacognosy -Kenyatta University

(Thesis title: Development of chromatographic fingerprinting and other quality control methods for *Warbugia ugandensis* herbal materials).

2008-2011: Master of Science degree in Pharmacognosy and Complementary Medicine University of Nairobi

(Thesis title: Identification and characterization of the microbial contaminants of herbal medicines in Kenya)

2002-2007: Bsc. Biology (Major), Chemistry (Minor)- University of Eastern Africa, Baraton

2001 : KCSE -Masaba High School

1997 : KCPE- Nyosia Primary School

2012: Certificate in Traditional Chinese Medicine (Acupuncture and moxibustion)- Tianjin University of traditional Chinese Medicine, Tianjin China

2019: Bioethics training- CBEC-KEMRI Bioethics training initiative (CK-BTI)- Kenyatta University

2018: Training on faculty in health sciences mentorship- Intrahealth, Human resource for health, Amref, PEPFAR, Strathmore Business School and USAID

2018: Training as a champion on implementation of ISO 27001, Information security management systems (ISMS)- Kenyatta University

2018: Training on quality management systems- Kenyatta University

2015: Training on Curriculum development and review-Kenyatta University

2014: Training on Thesis supervision skills- Kenyatta University

2014: Royal Chemistry Society Training on Gas chromatography-Mass spectrometry, Use and analysis - Jomo Kenyatta University of Agriculture and Technology

2014: Training on Manuscript writing- Kenyatta University, University of Nairobi

2014: Training on ethical and responsible conduct of research-Kenyatta University

2013: Training on innovative teaching methodologies and clinical mentorship- University of Maryland USA and University of Nairobi

2013: Training on quality Higher education teaching methods: Initiative of Kenyatta university training program for all members of staff

2010: Training on Quality Control of Pharmaceuticals- National Quality Control Laboratory for Drugs and Medical devices-Kenya

1.1.3 Employment history/Work experience

August 2024 - Currently: Senior Lecturer Kenyatta University, School of Pharmacy, Department of Pharmacognosy and Pharmaceutical Chemistry

September 2016- August 2024: Lecturer -Kenyatta University, School of Pharmacy, Department of Pharmacognosy, Pharmaceutical Chemistry

August 2012- September 2016: Tutorial fellow- Kenyatta University, School of Medicine, Department of Pharmacy and CAM

Feb 2011-August 2012: Tutor and Coordinator University programs - Nyanchwa Adventist College -Department of Pharmacy and University of Eastern Africa, Baraton

Sep 2009- Feb2011: Research and Intern- National Quality Control Laboratory -

August 2007- June 2008: Volunteer field scientist- Kenya wildlife service, -Nandi North district

2004-2007: Laboratory assistant under student work program- University of Eastern Africa, Baraton, Department of Biological Sciences

1.1.4 Major achievements in the past five years

1. **2024:** Competitively appointed by the Trust for indigenous culture and health (TICAH) as lead consultant to develop a toolkit for use by herbalists in Kenya to build their capacity to enhance the quality of herbal products, safety of consumers and standards of practice
2. **2021:** Successfully coordinated the signing of a Consortium agreement with Six other institutions to carry a collaborative research for the development of natural medicinal products for mitigation of covid-19 (Consortium awarded a grant of **Ksh 50,602,000**) as **PI** coordinating **the screening for efficacy and toxicity of selected medicinal resources against SARS-CoV-2** (Project to run for three years) [State pumps money into Covid research - The Standard \(standardmedia.co.ke\)](https://www.standardmedia.co.ke/7-universities-to-receive-govt-funding-for-covid-19-research) <https://www.kbc.co.ke/7-universities-to-receive-govt-funding-for-covid-19-research>,<https://www.kbc.co.ke/7-universities-to-receive-govt-funding-for-covid-19-research>
3. **2021:** Appointed as a program development lead for master of science in Pharmacognosy and Natural therapy- Program ready for discussion at school postgraduate committee
4. **2020:** Successfully partnered with NEMA in informing Kenyans through mass media on Biodiversity for sustainable livelihoods. Discussed the ongoing research in herbal medicine for tackling covid-19 and utilization of biodiversity in community health (KBC radio talk show 4th June 2020)
5. **2019:** Successfully Partnered with Intra-health international inc. in facilitating curriculum review for Kijabe MTC under a collaborative venture with Kenyatta University.

6. **2019:** Successfully trained a conglomeration of herbalists under their umbrella body, the herbalists society of Kenya on Integrating of traditional medicine into mainstream healthcare systems in Kenya, good manufacturing processes and regulation.
7. **2018:** Successfully facilitated a one week health seminar on Natural cancer remedies in Partnership with Kenyatta university SDA church, Loma linda university, Adventists laymen services and industries and medical missionaries movement
8. **2018:** Successfully completed a mentorship training by Strathmore business school, Amref health Africa, USAID, Intrahealth and Pefar.
9. **2018:** Appointed as a champion for the faculty mentorship of the human resources for health Kenya mechanism (program successfully mentored over 15 faculty members of Kijabe medical training college and initiated the KU faculty mentorship)
10. **2018:** Successfully contributed in formulating a mentorship program known as the **cascade mentorship of faculty in health training institutions for quality delivery of health programs in Kenya** where I was also a master trainer of trainers.
11. **2017:** Won an NRF grant as CO-PI in Partnership with Machakos University and Chuka University (title of study: **A situational analysis of HIV/AIDS intervention measures in Kisii county**)-implementation is ongoing
12. **2017:** My previous study successfully featured in a policy agenda for Kenya Bureau of standards and Pharmacy and poisons board, lead to policy change (<https://www.kucomradesforum.com/dr-meshack-onyambu-herbal-products-kebs-agenda/>)

1.2. Publications

1.2.1 In refereed journals

1. **Onyambu MO**, Gladys N M, Geoffrey OM M, Augustus O N (2021) Use of complementary and alternative medicines interventions in the management of HIV/AIDS in Kisii county Kenya; A qualitative study of traditional healers. *Asian Journal of Traditional, Complementary and Alternative Medicines* (2021) 4(1-2)
2. Mukhwana R.M , Margaret N.K and **Meshack Onyambu** (2021) Sociodemographic factors associated with postnatal maternal complications in public hospitals in Nairobi City County, Kenya. *African Journal of Midwifery and Women's Health* Vol. 15, No. 1
3. **Onyambu MO**, Gikonyo NK, Hudson N and Thoithi GN (2020). Macroscopic and Microscopic features of diagnostic value for *Warbugia ugandensis*, Sparague leaf and stem-bark herbal materials. *Journal of Pharmacognosy and phytotherapy* 112(2) 36-43
4. **Onyambu MO**, Gikonyo NK, Nyambaka HN and Thoithi GN (2019). A review of trends in herbal drugs standardization, regulation and integration to the national healthcare systems in Kenya and the globe: *International Journal of Pharmacognosy and Chinese Medicine* Vol 3 issue 3
5. **Onyambu MO**, Kahiga T, Muturi M, and Nyamari JM (2018) Phynotypic and molecular characterization of pathogenic bacteria isolated from commercialized herbal products in Kenya; *International Journal of Pharmacognosy and Chinese Medicine* Vol 2 issue 2

6. Gladys N Mokuia, Geoffrey Mokuia M, Augustus Onchari N and **Onyambu Meshack O** (2019), HIV/AIDS in Kisii county: current status and challenges; *International journal of HIV/AIDS prevention, Education and behavioural science* vol 5 issue 2: 147-155
7. Geoffrey M M, Gladys N M Augustus O N & **Onyambu MO** (2020). Partner notification services in kisii county, kenya: evaluating behaviour change communication strategies. *Journal of Development Communication*, Volume 30 (2)
8. Geoffrey M M, Gladys N M Augustus O N & **Onyambu MO** (2020). A Conceptual Analysis of Metaphors Engendering HIV and AIDS Related Stigma and Discrimination in Kisii County, Kenya. *Journal of Language and Literature* 14(2) April 2020
9. Augustus O N, Geoffrey M M, Gladys N M **Onyambu MO** (2019). Communication strategies in the management of hiv and aids in kisii county, kenya: successes and gaps. *International Journal of Communication Research*
10. Mokuia Gladys Nyamoita, Maroko Geoffrey Mokuia, Nyakundi Augustus Onchari and **Onyambu Meshack Ondora** (2020) Nine medicinal plants used in management of HIV/AIDS in Kisii County, Kenya. *Journal of Medicinal Plants Studies* 2020; 8(5): 197-203
11. Mukhwana R.M , Margaret N.K and **Meshack O** (2020) Knowledge and attitude of women utilizing focused antenatal care and maternal complications in public county hospitals in nairobi county, Kenya. *Journal of Obstetrics & Gynaecology of Eastern and Central Africa*
12. Augustus Onchari NYAKUNDI , Geoffrey Mokuia MAROKO , Gladys Nyamoita MOKUA , **Meshack Ondora ONYAMBU** (2020) Stakeholder engagement and management as a determinant of health intervention outcomes: the varied messages communicated during hiv and aids interventions in kisii county, Kenya. *International Journal of Communication Research*
13. Geoffrey M M, Gladys N M Augustus O N & **Onyambu MO** (2021). Abagusii traditional environmental knowledge on hiv/aids management; Implications for English language teaching. *International ecolinguistics association article* 2021
14. **Onyambu MO**, Gikonyo NK, Nyambaka HN, Thoithi GN and Okumu TO (2022), Development of gas chromatography mass spectrometry fingerprints for warbugia ugandensis herbal materials. *Malaysian journal of pharmaceutical sciences* 19 (2): 23-46
15. Chelelgo KV, Munyoki NG, **Onyambu MO** and Khisa OA (2022) Barriers to mental health services utilization among outpatient clinics attendees at Mathari national teaching and referral hospital, Nairobi city, Kenya. *international journal of community medicine and public health*, 2022 June 9(6): 2431-2436
16. Purity N, Titus MK and **Onyambu MO** (2021) Determinants of homebirths among women of reproductive age after antenatal hospital care visits in Narok County, Kenya. *Journal of health, Medicine and Nursing* Vol 7, issue 3 no.2 pp10-28, 2021.

17. **Onyambu MO**, Osanjo G, Chepkwony H, Ouya O and Thoithi GN (2013) Microbial quality of unregulated herbal medicinal products in Kenya; African Journal of Pharmacology and therapeutics vol. 2, No. 3 pg 70-75, 2013: **ISSN 2303-9841**
18. Purity N, Titus MK and **Onyambu MO** (2023) Factors that influence place of delivery for women of reproductive age in Narok south sub-county, Kenya. America Journal of health and Medicine Vol 8, issue 4 pp 43-58.
19. Delvin KN, **Onyambu MO**, Laura LL, Geoffrey OO, Justus OO (2023) Sexually transmitted infection knowledge among men who have sex with men in Nairobi, Kenya. PLOS ONE 18(9) Sept 8, 2023.
20. Levi O, Amadi J, Wabuye E, **Onyambu M**, Orwa J, Mwafaida J, Magu M, Wagara I and Kirira P (2023), Diversity and utilization of medicinal plants used in managing respiratory illnesses in Migori county, Kenya. Journal of medicinal plant studies 11(4) pp 115-121.

1.2.2. Refereed learning modules

2020: Wrote a learning module PPD 322: Glycosides (Unit for level III, Bachelor of Pharmacy)

2020: Wrote a learning module PPD 323: Alkaloids (Unit for level III, Bachelor of Pharmacy)

2020: Wrote a learning module PIM 505: Introduction to complementary and alternative medicine (Unit for level V Bachelor of Medicine and Surgery)

2020: Wrote a learning module HNS 131: Embryology (Unit for level I Bachelor of Nursing)

2020: Wrote a learning module PCH 204: Basics of Pharmacology and Pharmacognosy (Unit for year 2 Bachelor of Community health)

2018- Participated in writing an implementation framework for cascade mentorship of faculty in health training institutions for quality delivery of health programs in Kenya (May 2018) USAID, PEPFAR, Intrahealth.

1.2.3. Scholarly books

1. Jackim Matara Nyamari, **Meshack O Onyambu** and Diana K Agwata (2017) Improving food safety standards in hospitals through education. Lambert Academic Publishers ISBN 978-3-330-04431-9.

2. Onyancha Jared and **Meshack Onyambu** (2014) Phytochemistry and Biological activity of Hypericum kenienense, Lap Publishers ISBN 978-3-659-24589-3

3. **Meshack Onyambu** and Jackim Nyamari (2011) Microbial Contaminants of Herbal medicines in Kenya. VDM Publishers ISBN 978-3-639-34874-3

1.2.4 Consultancy and project reports

2022: Quarter 1 and 2 technical report for research on the development of natural medicinal products for mitigation of covid-19 and other Sars-like ailments

2021: Policy brief on Good agricultural practices for medicinal plants by **Onyambu Meshack**

2021: Policy brief on integration of traditional medicine as a panacea for universal health coverage by **Onyambu Meshack**

2021: Model on improving research on HIV/AIDS and uptake by **Onyambu Meshack November 2020:** Implementation of phase three of nrf funded project entitled; a situational analysis of intervention measures in the management of hiv/aids prevalence in Kisii County. Report for capacity building for herbalists

March 2018: Feedback report on the human resource for health Kenya Mechanism

1.2.7 Other publications

1. **Dr. Onyambu Meshack, PhD** (2020) Philosophical differences between allopathic and traditional, complementary and alternative medicine. Pharmacy focus magazine, Issue no. 1 June-July 2020

March-April 2020

2. **Dr. Onyambu Meshack, PhD** (2020) Integration of Allopathic and traditional/ complementary medicine TCAM with conventional medicine. Pharmacy focus magazine, Issue no. 2 June-July 2020

1.2.8 Scholarly presentations at conferences/workshops/seminars

1. **22nd February 2022:** Symposium on role of traditional healers in promoting evidence based collaborative research held at KUCC: Presented a paper on ethical conduct of research in natural products, role of consent forms and material transfer agreements.

2. **8th-11th May 2019:** Curriculum mapping workshop at lake Naivasha resort- Presented the units Pharmacognosy mapping

3. **15th April 2019:** Herbalists society of Kenya training of herbalist workshop in Kericho county - presented a paper on integration of traditional medicine into mainstream healthcare systems

4. **July 2018:** Cancer natural remedies seminar at Kenyatta university SDA Church grounds-Presentation on quality control of natural cancer remedies and integration of remedies with conventional care

5. **28th-30th March 2018:** Kisii county HIV/AIDS project inception at the KCB leadership center Karen Nairobi-Presented the Kisii county hiv/aids strategic plan and NGOS dealing with HIV/AIDS in the county.

6. PhD research progress seminar, Chromatographic Fingerprinting and other quality control methods for *Warbugia ugandensis* herbal materials- May 2015

7. Curriculum for traditional medicine at the Institute of African studies, Kenyatta University, 11-12th August 2015-Kenyatta University
8. Herbal and Complementary medicine-issues of public health concern, a scientific perspective- presented at Nyanchwa Adventist College, Kisii, 16th November 2014
9. Pharmacognosy in the Pharm D curriculum, 25th April 2013, Kenyatta University Pharm D curriculum Consultative workshop.
10. Quality control and assurance of Medicines, a focus in the Kenyan herbal medicines- A paper presented at the international scientific conference in the University of Nairobi, 15th-17th June 2011
11. Towards control of endangered species extinction, a focus in *Tragelaphus spekii* and *Prunus Africana* (herbal Medicine)- A paper presented at the Nandi Biodiversity stakeholders forum at the University of Eastern Africa, Baraton 18th-19th October 2007

1.2.9 Attendance and participation in seminars, workshops and conferences

1. Royal society of chemistry and Pan-Africa chemistry network congress 2015; Health care, from discovery to delivery, 17th-19th November 2015, University of Nairobi, Kenya
2. Royal society of chemistry and PanAfrican chemistry network symposium on regulatory harmonization, hygiene and sustainability 4th-5th November 2014, University of Nairobi, Kenya
- 3 Natural products research network for Eastern and Central Africa (NAPRECA KENYA) workshop, 22nd Nov. 2013, Jomo Kenyatta University of Agriculture and Technology.
4. Kenyatta University Doctor of Pharmacy Curriculum consultative workshop, 25-26th April 2013, Kenyatta University Conference Center.
5. Innovative teaching methodologies and Clinical mentorship by partnership for advanced clinical mentorship (PACE), University of Maryland and University of Nairobi, 7-11th January 2013, Kenyatta university conference center.
6. Training on root cause analysis for departmental quality teams, 28th Feb. 2013, Kenyatta University Business and student services center
7. Coach Workshop, University of Oregon, 16th January 2013
8. International scientific conference on towards optimum health care, 15th -17th June 2011, University of Nairobi, Kenyatta National Hospital Campus.
9. Intra-regional Biotechnology Exchange Program for East Africa Workshop on advancing Biotechnology Development through seeing is believing Tour, 29th-30th may 2010, Nairobi, Kenya

10. SCGIS Conference on Geospatial technology for biodiversity conservation and management, 18th- 20th July 2007, UNEP, Nairobi, Kenya.

11. Wildlife conservation International Conference, 18th-20th April, 2007, Safari Park, Nairobi.

1.3 QAULITY TEACHING LEARNING AND MENTORSHIP

1.3.1 Student evaluations

Consistently rated above B whenever evaluated by students over the years.

1.3.2 Trainings in higher education

1. 22nd September -25th September **2020**: Trained on Pedagogical skills in higher education – Kenyatta University

2. **2019**: Bioethics research training- CBEC-KEMRI Bioethics training initiative (CK-BTI)- Kenya medical research institute and Kenyatta University

3. **2018**: Trained on faculty on higher education health sciences mentorship- Intrahealth, Human resource for health, Amref, PEPFAR, Strathmore Business School and USAID

4. **2018**: Training as a champion on implementation of ISO 27001, Information security management systems (ISMS)-Kenyatta University

5. **2018**: Training on quality management systems- Kenyatta University

6. **2016**: Kenet research infrastructure training

1.3.3 Ongoing supervisions

PhD

1. Dennis Kithinji- PhD Candidate, Pharmacognosy- Reg. no. P97/21183/2022, Efficacy validation of selected medicinal plants used in the management of Coronaviruses in Kenya

Msc

1. Edwin Murimi Wangila- Msc Medical microbiology- Reg. no. I56/20409/2021, Antimicrobial activity and phytochemical analysis of selected medicinal plants against clinical isolates of *Staphylococcus aureus*, *Streptococcus pneumoniae* and *Klebsiella pneumoniae*- **Data collection**
2. Jaji Kombo- Msc Public health- Reg no. Q23/CE/28979/15, Management of used disposable diapers in Changamwe subcounty- **Data collection**
3. Nancy Magoma Kemunto- Msc in Ethnobotany- Reg no. 156/CE/26272/2015, Distribution, utilization and conservation of medicinal plants that treat respiratory diseases among the Abagusii community of Kenya – **Data collection**

4. Seremani Omambia Levi- Msc in Plant ecology- Reg no. 156/CE/27095/2018, Diversity, abundance and threats to medicinal plants used in management of respiratory illnesses in Migori county, Kenya – **Thesis draft review bending submission for examination**
5. Rael Nasambu Lumbasi- Msc in ethnobotany – Reg no. 156/CE/29217/2015, Diversity, use and conservation of plants used in management of respiratory and covid-19 like ailments in Kakamega county, Kenya- **Proposal under review**
6. Bernard Kibet – Msc. Public health- Status of integration for conventional and complementary medicines in Kenya- **Proposal development**
7. Betty Opuodho- Msc. Public health- Reg. no. Q57/CTY/PT/31703/2015, Use of herbal medicines for non-communicable diseases among adults in Kisumu East Kisumu county- **Data collection**
8. Leila Abdirashid- Msc. Environmental health- Q23F/33078/2014, Determinants of the preference of transfusion transmitted infections among blood donors at Hargesia blood bank hospitals in Somaliland- **Proposal development**
9. Purity Makena- Msc. Environmental health- Q23/CTY/PT/37629/2016, Quality of portable water in Kajiado county rural areas-**Proposal development**

1.3.4 Supervisions of postgraduate students

1.3.4.1 Graduated Masters

1. Delvin Nyasani- Msc Public health –Q57/CTY/PT/31054/2015, Utilization of sexually transmitted infections among men who have sex with men in Nairobi city county, Kenya- **Graduated 2024**
2. Victor Kibichii – Msc Public health and epidemiology- Reg. no. Q58/30923/2015, Barriers to mental health services utilization among outpatient clinics attendance at Mathare national teaching and referral hospital, Nairobi county, Kenya – **Graduated 2023**
3. Purity Ngotiek – Msc reproductive health –Q139/CE/26231/2014, Determinants of home births among women of reproductive age after antenatal hospital care visits in Narok county, Kenya – **Graduated 20233.**
4. Raheli Mogaka- Msc. Reproductive health - Utilization of focused antenatal care and pregnancy outcomes among pregnant women in public county hospitals in Nairobi, Kenya- **Graduated 2020**

1.3.4. Engagement as an internal thesis examiner and board member

2019: Internal examiner Mr Phillip Mbithi Msc Thesis titled: Herbal medicine use among pregnant women in Makueni county Kenya

2021: Board member Ann Nyambura Msc Thesis defence

2021: Board member Abdirahman Abdala PhD Thesis Defense

1.4 PROFFESIONAL CONSULTANCY

1.4.1 Networks/collaborations

2021: Established a consortium and wrote a proposal for Covid-19 drug discovery from natural products with five other institution including Kemri, Pwani university, Egerton University, Mt Kenya University and multimedia university, won grant worth **Ksh 50,000,0000**

2020- Collaborative services with national environment management authority (NEMA) as guest resource person in Herbal medicines during world environment day 2020 theme '**BIODIVERSITY AND LIVELIHOODS**' presentation on radio KBC talk-show 4th June 2020 about 'ongoing research in herbal medicines for tackling covid-19 and utilization of biodiversity in community health.

2018: Championed collaboration between Kenyatta university school of medicine and Kijabe medical training college-mentored trainees

2017: Worked with peers from Machakos University and PAC University in collaborative proposal that won a grant worth **Ksh 10,000,000**

1.4.2 Editorial boards/referee for professional periodicals

2020-to date: Editorial board member, **the Pharmacy focus magazine**

1.4.3 Consulting for organizations/institutions

1. July 2024: Competitively appointed by the Trust for indigenous culture and health (TICAH) as lead consultant to develop a toolkit for use by herbalists in Kenya to build their capacity to enhance the quality of herbal products, safety of consumers and standards of practice

2. March 2024: Appointed as an external reviewer for Mt Kenya School of Pharmacy to provide support and capacity on postgraduate curriculum development process

3. 2019: Consulted for Intrahealth International inc. In helping Kijabe MTC to review the medical training curriculum to reflect a good human resource for health workforce training

1.4.4 Membership of academic/professional bodies

From 2014- Member the royal society of chemistry-Member number **552294**

1.4.5 Any other editorship/ peer review

2021-to-date : Reviewer for the **journal of Pharmaceutical research international**

May 2022 : Reviewer, **European journal of medicinal plants**

1.5 ADMINISTRATIVE RESPONSIBILITIES

1.5.1. Recognized University Administrative Positions

Dec 2023-currently : Appointed as a departmental research, innovation and outreach coordinator

May 2020-to 2022: Reappointed Departmental examinations coordinator Pharmacognosy and Pharmaceutical chemistry

May 2018- May 2020: Appointed Departmental examinations coordinator, department of Pharmacognosy and Pharmaceutical chemistry

December 2018-February 2019: Acting Chairman, Department of Pharmacognosy, Pharmaceutical Chemistry & Pharmaceutics and Industrial Pharmacy

June 2023-currently- Board member, National phytotherapeutic research center board

May 2023- Currently – Board member, school research, Innovation and product development board

August 14- September 4th 2023 – Acting Director, national Phytotherapeutic center

1.5.2 Other responsibilities in the University

June 2024: Appointed by the vice chancellor as a committee member to review the operations and sustainability of the directorate of innovation, incubation and university industry linkages (II&UIL)

July 2018-2022- Chairman departmental marks verification committee

July 2018-2022- Chairman departmental ISO Committee

July 2018-Chairman-Member departmental welfare committee

2013-2018: Member of the departmental quality team

2018-2022- Chairman departmental quality committee

2013-Currently: Member of the departmental corruption control team

1.6. COMMUNITY ENGAGEMENT AND OTHER CONTRIBUTIONS

1.6.1. Research funding

2021: Consortium partner and PI coordinating the screening for efficacy and toxicity of selected medicinal resources against SARS-CoV-2 (Letter of notification for NRF grant worth **Ksh 50, 602,000**)

2018: Part of team that attracted Intrahealth international inc. grant worth **Ksh 392,040** for mentoring Kijabe MTC (represented KU as a partner mentor institutional)

2017: CO-PI NRF grant No NRF/1/MMC/308 worth **Ksh 10,000,000**. A collaborative research with Machakos University as the grant managing institution.

2021: Appointed to a proposal writing committee

1.6.2 Community outreach

2020- Collaborative services with national environment management authority (NEMA) as guest resource person in Herbal medicines during world environment day 2020 theme '**BIODIVERSITY AND LIVELIHOODS**' presentation on radio KBC talk-show 4th June 2020 about 'ongoing research in herbal medicines for tackling covid-19 and utilization of biodiversity in community health.

2018- Champion, faculty mentorship program between Kenyatta University and Kijabe College of health sciences

2016-2019: Patron, Kenyatta University SDA Church

2019- Trainer, Kenya herbalists- Herbalist society of Kenya and ministry of culture and social services

1.6.3 Professional affiliations and portfolios

From 2014- Member the royal society of chemistry-Member number **552294**

1.6.4 Recognition awards and honors

2022: Awarded certificate of excellence in reviewing for outstanding contribution to the quality of European journal of medicinal plants (Refer to attachment in section 1.4.5)

2021: Awarded a certificate of excellence in reviewing for outstanding contribution to the quality of journal of pharmaceutical research international (Certificate No. SDI/HQ/PR/Cert/73954/MES) Refer to attachments in section 1.4.5).

2019: Recognized by the Ministry of culture on my role in training herbalists

1.7 REFEREES

1. Dr. Maurice Kodhiambo

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