

## **CURRICULUM VITAE**

**PROF. LT. COL. (RTD) JOHN MARTIN OKOTH**

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Profession: Clinical Scholar in Nursing and Medical Education holding Doctor of Nursing Science( PhD ), Master of Philosophy Medical Education (Mphil), Diploma Advanced Nursing, Diploma in Midwifery, Diploma Registered Nursing.

### **PROFESSIONAL/WORK EXPERIENCE**

**October 2020 to date** - Associate Professor of Nursing supporting research and scholarship , supervise and advise students, conduct clinical research and present scholarly work at conferences, developing and implementing curricula to prepare postgraduate and undergraduate students adequately for the challenges presented within all aspects of the nursing field, especially the highly specialized teaching areas requiring vast experience and advanced knowledge and offer support and leadership to the nursing academic team and clinical staff to deliver appropriate teaching, preceptorship and mentorship in their area of expertise.

**2015 to September 2020** – Associate Professor & Executive Dean School of Nursing, Midwifery & Paramedical Sciences providing professional leadership and direction in the School at Masinde Muliro University of Science and Technology.

**2011 to June 2015**- Senior lecturer & Dean School of Nursing & Midwifery providing strategic and transformational leadership and direction in the School at Masinde Muliro University of Science and Technology.

Over 30 years of experience gained holding high-level health manpower positions including teaching, clinical, health research, management and leadership whilst working with the Ministry of Health, Kenya Defense Forces, The UN and Private and public universities

### **Overall Job Purpose**

As a nursing professor my duty include developing and implementing curricula in order to prepare postgraduate and undergraduate students adequately for the challenges presented within all aspects of the nursing field especially the highly specialized teaching the areas requiring vast experience and advanced knowledge. My repertoire include acute care, medical-surgical nursing, oncology –palliative care, forensic nursing, nursing education, health care law and ethics and advanced pathophysiology and health assessment

**Key responsibilities & Accountabilities: To C.O.Ds**

In addition to classroom teaching,

1. To contribute to research and scholarship, supervise and advise students, conduct clinical research and present scholarly work at conferences.
2. Lead and manage the research activity in the nursing subject area and support research and collaborative partnerships to make a substantial contribution to research agenda of both the University and Hospitals.
3. To carry out independent research adding to the body of knowledge in appropriate areas and make a significant contribution to the strategic development across both organizations.
4. Offer support and leadership to the nursing academic team and clinical staff in both organizations and deliver appropriate teaching in their area of expertise.
5. Ensure relevant governing body accreditation is managed and maintained.
6. To promote research into educational programmes, CPD and the application of research into practice and disseminate research findings widely through publication writing, supporting other staff to write and contribute to publications, teaching, and presentations at conferences.
7. To be involved in bids for research and for other externally funded projects collaborating in the development of joint proposals and project work and manage research contracts and budgets accordingly.
8. To secure income from a range of sources such as research, consultancy, CPD and short courses and facilitate this development in others.

**2015 to October 2020 – Associate Professor & Executive Dean  
School of Nursing, Midwifery & Paramedical Sciences.  
Masinde Muliro University of Science and Technology**

**Overall Job Purpose**

Provide professional leadership and direction in the School of Nursing, Midwifery & Paramedical Sciences to achieve quality and innovative medical education and training, promote scholarship, research and innovations and provide service to humanity for sustainable individual and societal development

**Key responsibilities & Accountabilities: To the Deputy Vice Chancellor, Academic Affairs**

- Oversee the administration and manage the operations of the school including human and fiscal resources
- Coordinate and Supervise learning-teaching programs
- Supervise and evaluate faculty performance
- Develop, conduct and coordinate research programs
- Provide clinical expertise for research
- Design, implement and evaluate research,
- Supervision of thesis and clinical experiences,
- Develop, review and appraise Proposals and Strategic plans
- Establish and manage collaboration and networking with national and international institutions
- Program monitoring and evaluation
- Direct the implementation and evaluation of instructional processes
- Participate in staff capacity building, coaching and counseling
- Participate in providing service to community
- Leading and managing community of practice.

**2013 - 2014 – Senior Lecturer & Dean School of Nursing & Midwifery  
Masinde Muliro University of Science and Technology**

Providing professional leadership and direction in the School at Masinde Muliro University of Science and Technology.

**2008 - 2013 – Lecturer & Chairman Department of School of Nursing Sciences**

## **Masinde Muliro University of Science and Technology**

- On being appointed COD, immediately worked out strategic plan, budget plans, and master rotation plans and established collaboration and networking with several medical institutions and hospitals for clinical placements, capacity building and research since the year 2008.
- Together with other members we established the vibrant programs in the university including BSc in Nursing-Upgrading and Direct Entry, BSc in Optometry and Vision Sciences, BSc in Health Promotion and Sports Science, BSc in Health Professions Education
- Together with other staff we established a quality nursing skills laboratory
- Together with other members we established the vibrant mentoring, preceptorship and faculty practice programs in both clinical areas and in the department
- Together with other members we have established the most vibrant academic linkage and exchange program with Oulu University of Applied Science , Finland
- We are enjoying a cordial collaboration with the entire health sector in Kenya
- We introduced an array of pedagogical methods in the training and education of health care providers
- Together with other staff we have established an extension service with a health care clinic

**2006 – July 2008 - Lecturer –Clinical practitioner**  
**Kenyatta University**

### **Overall Job Purpose**

Provide professional leadership and direction with other members of academic staff in the School of Health Sciences and the Department of Nursing Sciences to achieve quality

and innovative medical education and training, promote scholarship, research and innovations and provide service to humanity for sustainable individual and societal development

**Key responsibilities & Accountabilities: To H.O.D**

- Plan, design, review, implement and evaluate curriculum
- Plan and develop and manage through technical monitoring instructional materials and processes
- Direct the implementation and evaluation of instructional processes
- Coordinate and Supervise learning-teaching programs
- Coordination of departmental examinations
- Establish and provide strategic advice in Mentoring and Preceptorship Programs
- Design, implement, supervise and publish clinical and operations research
- Design, review and appraise grant proposals
- Participate in policy formulation
- Oversee the management and administration of post graduate programs of the School of Health Sciences
- Establish and manage collaboration and networking with national and international institutions
- Participate in the implementation of quality management system
- Participate in staff capacity building, coaching and counseling
- Participate in providing service to community

**Achievements**

- I was instrumental in writing a successful proposal for the establishment of Kenyatta University Teaching, Research and Referral Hospital in the year 2005
- I played a key role in facilitating collaboration with Aga Khan University in a program to improve Nurse and Medical Education and Practice in East Africa funded by European Development Bank in the 2007
- I was appointed clinical placement coordinator and immediately worked out budget plans, master rotation plans and established collaboration and networking with several medical institutions and hospitals including public, private and mission for clinical placements, capacity building and research since the year 2005.
- Together with other members we have established the vibrant mentoring programs in the university.

- Together with other staff we have established a quality management system and we making great steps to being ISO certified and I am one of the lead quality auditors in the university.
- As service to community I participated in the review of the National Curriculum for the training of registered Nurses at Diploma level conducted by the Nursing Council of Kenya, 2007
- Together with other department lecturers designed an upgrading programme in Bachelor of Nursing and International Health
- On being appointed Chairman of the board of postgraduate medical education, I immediately streamlined the supervision and processing of postgraduate programs to meet international standards in the year 2008

**2005 –2006 - Lecturer**  
**Aga Khan University**

**Overall Job Purpose:** Provide professional leadership, mentorship and direction in the Advanced Nursing and Postgraduate Medical Education Programs to achieve quality human resource in health, promote scholarship and research, and provide service to humanity

**Key responsibilities & Accountabilities:**

- Design and implement Curriculum as approved by National Nursing Jurisdiction
- Assess availability of clinical facilities for students
- Liaise with appropriate senior management for clinical facilities for student placement
- Sign agreements with clinical facilities
- Plan for clinical experiences
- Liaise with hospital to plan and implement hospital orientation programs for students and new faculty.
- Plan, Implement and evaluate classroom and clinical learning activities.
- Coordinate all communications related to student clinical activities.
- Maintain progress records of students.
- Participate in faculty meetings to discuss student and faculty issues and assignment of teaching responsibilities.

- Advice and counsel students on academic activities and assign other teachers to serve as advisers.
- Supervise and evaluate faculty performance as required.
- Monitor faculty teaching and clinical hours to determine fair distribution of teaching load.
- Prepare examination schedule in coordination with faculty and administration.
- Set and mark examinations.
- Keep faculty and student's line of communication open.
- Prepare a master plan of clinical placement for student.
- Plan ceremonies and functions.
- Work with curriculum committees to improve courses.
- Compile all academic results and clinical evaluations within given deadlines.

#### **Achievements:**

Streamlined student admission and examination setting and moderation by both internal and external examiners

### **2002 -2004 Commanding Officer and Chief Nurse Armed Forces Medical Services**

Overall Job Purpose: Provide Professional Leadership and direction in Command and Control, and Nursing Services

Key responsibilities & Accountabilities

- Military command and discipline for all personnel of the hospital including civilian staff and military of the rank and file (majors and below)
- Chief executive and Director of nursing services
- Oversee the administration and manage the operations of the department including human and fiscal resources
- Participate in providing service to community
- Establish and manage collaboration and networking with national and international institutions
- Developing department policies
- Participating in establishment of hospital policies.
- Formulation of performance evaluation programs
- Implementing master staffing plans
- Developing of quality improvement programs
- Co-ordination of research collaboration with relevant institutions

**Achievements:**

- Influenced the successful review and implementation of long overdue staff establishment, rationalization and job redesigning.
- Was very instrumental in developing a strategic plan for the management of HIV/AIDS and ART programs in the Kenya Armed Forces
- Developed budget and work plans and secured funding for Continuing Professional Development programs.

**2000 -2001 - Specialist Combat Medic**

**United Nation Peace Keeping In Sierra Leone.**

Overall Job Purpose: Provide Professional Leadership and direction in planning, implementing and evaluating Medical Support in peace- keeping, humanitarian medical assistance and combat operations

**Key responsibilities & Accountabilities:**

- Oversee Medical Support in combat operations.
- Oversee the administration and manage the operations of the including human and fiscal resources
- Participate in providing service to community
- Establish and manage collaboration and networking with national and international institutions
- Provide leadership in health care management
- Design and oversee the implementation of hygiene and preventive health measures.
- Design and monitor implementation of quality health care.
- Assess and plan casualty evacuation and emergency health care
- Design and implement training programs for health workers in health promotion
- Liaise with other medical sectors and hospitals within mission area.
- Participate in Critical incident debriefing and stress management of UN troops
- Coordinate Medical emergencies, care and evacuations.
- Participate in planning and providing humanitarian medical care

#### **Achievements:**

- A member of a dream team of stress management that provided pscho-trauma counseling to 6,000 UN troops and staff some of whom had been held hostages or witnessed gross human violations and atrocities among the civilian population
- Initiated a multiple intervention heath promotion strategy for various aspects of health care

### **1989 -1999 - Chief Nurse Trainer Armed Forces Medical Training School.**

Overall Job Purpose: Provide Professional Leadership in Education and Training of Nurses.

#### **Key responsibilities & Accountabilities:**

- Provided leadership and professional direction in the college.

- Project Manager HIV/AIDS attitude training.
- TOT for HIV/AIDS/STI Syndromic management approach.
- Co-ordination and participated in training needs assessment.
- Participated in the quality of care assessment as a quality assurance committee member.
- Facilitated the introduction of quality improvement tools.
- Involved in continuous monitoring and evaluation of the training program.
- Collaborated with the Nursing Council of Kenya and other Medical training institution in review and development of training curriculum materials (including STI/HIV/AIDS curriculum, midwifery, community Health and Nursing).
- Coordinated with Armed Forces School Management Board for the improvement of the capacity of tutors, instructors and preceptors.
- Planned for use of sustainable training approaches including on job training, preceptors and mentoring.
- Evaluated training programs

#### **Achievements**

- Coordinated and Supervised Clinical Placements.
- In 1992 together with other department lecturers designed and established for the first time in the Kenya Armed Forces , a training for Enrolled Community Health Nurse programme. [ ECHN].
- Developed and established Mentoring and precepting of students in clinical placements.
- Together with other department lecturers designed an upgrading programme ECHN to KRCHN Diploma.
- Member of National Examinations Board of the Nursing Council of Kenya.

**Sept. 1991 - August 1997    Deputy Chief Nurse Trainer**

**Armed Forces Training College**

#### **Key responsibilities & Accountabilities:**

- Provide Professional leadership in nurse training programs
- Plan, monitor and evaluate nurse training program
- Plan and oversee the implementation of home based health care
- Assess and practical performance of nurse – trainees in the home based health care.

- Plan and supervise the research project by nurse trainees.
- Assess clinical performance in patient education.
- Assess clinical performance of nurse trainee and conduct health interviews and physical assessment.
- Teach and supervise nurse training in midwifery and maternity nursing, community health and emergency care.

**Jan. 1989 – Aug. 1991: Garrison Chief Nurse,  
Kahawa Garrison Medical Centre.**

**Key duties and responsibilities:**

- Clinical and Administrative head
- Provide professional leadership in patient care management
- Plan and evaluate patient care
- Plan and supervise home based health care for HIV/AIDS and chronically ill.
- Monitor quality health care.
- Plan and monitor casualty evacuation and emergency medical care.
- Oversee the management of reproductive health services e.g safe motherhood, child survival, growth and monitoring and contraceptive services, maternity care.

**Dec.1981 – Aug. 1986 Head Nurse  
Nanyuki Barracks Medical Centre**

**Key duties and responsibilities:**

- Assess plan and implement holistic patient care
- Oversee and evaluate patient care
- Control and monitor patient care
- Supervise nursing staff
- Managing prenatal, postnatal and family planning clinics
- Managing of maternity and newborn care

**1980 : Nurse – Midwife In-Charge of Maternity Unit  
Kisii District Hospital**

**Major duties and responsibilities**

- Oversee the running of the prenatal care
- Supervise the implementation of care of postnatal mothers in the maternity.

- Planning and developing monitoring process and measuring instruments of quality care in maternity.
- Promoting quality education and guidelines.
- Improving in deficient areas.
- Planning, monitoring and evaluating of care provided to mothers on labour.
- Overseeing the management of babies at risk.
- Overseeing the care of normal newborns.
- Counseling of prenatal mothers.

**May 1977 – Dec. 1978: Assistant Head Nurse,  
Bungoma District Hospital**

**Major duties and responsibilities**

- Supervise patient care
- Planning and providing patient care
- Planning and coordinating patient care
- Teaching nurse trainees and other staff
- Implementing and evaluate patient care.

**Academic/Professional Qualifications**

2004- 2007 - Doctor of Nursing Science (PhD)- BSU, Alabama

1997- 2000 - Master of Philosophy Medical Education (MPhil.) - Moi University

1986 – 1989- Diploma in Advanced Nursing –University of Nairobi

1979 - Diploma in Midwifery - Kenya Medical Training College

1973 -1977- Diploma Registered Nursing-Kenya Medical Training College

**Other Professional Training Courses**

<b>Training</b>	<b>Trainer(s)</b>	<b>Where training was held</b>	<b>Date when training was held</b>
Faculty mentorship programme	Intrahealth, AMREF, USAID, PEPFAR	Ortum Mission hospital school of nursing	July 4 <sup>th</sup> , 2019
ToT for Basic Life Support	St. John Ambulance	MMUST	June 11 <sup>th</sup> , 2019
Research ethics for institutional	NACOSTI	Egerton	30 <sup>th</sup> April to 3 <sup>rd</sup>

ethics review committees course		University	May, 2019
Deans forum	Human resource for Health Kenya Mechanism -UASID	AMREF International University	19 <sup>th</sup> -20 <sup>th</sup> September 2018
13 <sup>th</sup> Biennial ECSAcon Scientific Conference	Eastern, Central and Southern Africa College of Nursing (ECSACON)	Nairobi	5 <sup>th</sup> – 7 <sup>th</sup> September 2018
Workshop to develop standards and accreditation checklist for model clinical practicum sites	AMREF health Africa; USAID; PEPFAR; IntraHealth International; Strathmore Business School	Maanzoni Lodge	27 <sup>th</sup> – 31 <sup>st</sup> March 2017
Deans Forum	Human resource for Health Kenya Mechanism –UASID	AMREF	August 2017
Inter-professional Models in Global Injury Care and Education Program	Rutgers School of Nursing	Rutgers School of Nursing, USA	20 <sup>th</sup> June – 1 <sup>st</sup> July 2016
Trauma Nursing Course	Paramerican Trauma Society	New Jersey, USA	21 <sup>st</sup> June 2016
2016 Summer Institute of Teaching and Leadership	Langara College of Nursing	Vancouver BC, Canada	16 <sup>th</sup> – 27 <sup>th</sup> May 2016
NEXT STEP Dissemination on Interpersonal Team Education Promoting Public Health	Oulu University of Applied Sciences	Ndola, Zambia	10 <sup>th</sup> – 11 <sup>th</sup> April, 2015
Integrity Assurance Officers Course	Ethics and Anti-Corruption Commission	Golf Hotel, Kakamega	13 <sup>th</sup> – 17 <sup>th</sup> April, 2015
Facilitated a training in Bioethics & Biosafety	Masinde Muliro University of Science and Technology (MMUST)	MMUST	5 <sup>th</sup> – 6 <sup>th</sup> March 2015
Developing of BSc Midwifery Training Guidelines, clinical Practice Logbook, Programme Approval Guidelines	Nursing council of Kenya	Tea tot Hotel Machakos	3 <sup>rd</sup> November 2014
Faculty Development on Instruction and Clinical Assessment	FUNZO Kenya	Maanzoni Lodge	October 2014
Intensive course on Inter-professional competencies and participative methods for better care and education	Oulu University-Finland	Oulu University-Finland	Sept.2014
Training of Trainers in Clinical Instruction	FUNZO Kenya	Maanzoni Lodge	Sept. 2013
Bioethics training -	UON	UON	April 2012
Effective Methods of Teaching Palliative Care -KePCA			2012
Internal Quality Auditing Course- MMUST	Masinde Muliro University of Science and Technology (MMUST)	MMUST	2011
Training Workshop on External	INQAAHE	INQAAHE	March 2011

Peer Review of Higher Education Institutions			
RN-BSc N curriculum development workshop	Nursing Council of Kenya	AMREF	April 2010
Internal Quality Auditing Course	Kenya Bureau of Standards.	Kenyatta University	April 2007
Basic PC and Internet Course	Aga Khan University	Aga Khan University	December 2006
Voluntary Counselling and Testing Course	University of Nairobi	University of Nairobi	September 2005
Adherence Counselling in HIV/AIDS Management	University of Nairobi	University of Nairobi	October 2005
Certificate in Rational use of ARVs	AMREF	AMREF	July 2004
Performance Improvement Approach Course	Defence Forces Hospital	Defence Forces Hospital	November 2004
Syndromic Management of Sexually Transmitted infections	Ministry Of Health	Ministry Of Health	June 2003
Certificate in Management of Sexually Transmitted Infections/HIV/AIDS	University of Nairobi	University of Nairobi	August 1997
Certificate in Clinical Diagnosis and Disease from Management	AMREF NAIROBI	AMREF NAIROBI	May 1992
Certificate in Maternal Child Health/Family from Planning Reproductive Health	Divisional Family Health Nairobi	Divisional Family Health Nairobi	March 1983

### **Recent appointments**

- March 2021 member of MMUST curriculum development and review committee
- January 2021 member of MMUST TVET Board
- December 2020 MUUST Post Retirement Contract Evaluation Panel
- March 2020 chairman of Technical SubCommittee, Kakamega County Covid 19 strategic preparedness and response plans
- January 2019 External Examiner for University of Nairobi
- January 2018 Acting MMUST Deputy vice-chancellor (Academic and Student Affairs)
- March 2018 Chairman of MMUST ODEL Board
- August 2018 member of CUE Regular Institutional Quality Audit
- June 2018 Resource person for CGFNS International for verification of nursing academic and professional credentials
- February 2018 member of the operationalization and equipment for Kakamega Teaching and Referral Hospital

- February 2016 member of MMUST Enterprises Board
- April 2016 member of Kakamega County referral Hospital Board
- September 2016 Resource person for Masai Mara University for the establishment of school of Nursing
- June 2013 Consultancy Team Lead- MMUST FUNZO Kenya Project
- February 2014 member of MMUST Curriculum Development Committee
- February 2014 member of MMUST Steering Committee for the establishment of MMUST school of Medicine
- February 2014 member of Kaimosi Friends University College Steering Committee
- June 2014 member of MMUST Corruption Prevention Committee
- Jan 2012 Peer Reviewer- Nursing Council of Kenya
- January 2012 member of MMUST Institutional Review Ethics Committee (IREC)

## PUBLISHED JOURNAL ARTICLES

1. Thomas Ong'ondo Ng'ambwai, Prof. Lt Col (Rtd) John Martin Okoth<sup>2</sup> & Dr. Tecla Psusma Sum<sup>3</sup> Factors Influencing Control of Blood Pressure Levels Among Hypertensive Adult Patients in Selected Hospitals, Kakamega County, Kenya, Journal of Health, Medicine and Nursing ISSN 2520-4025 (Online) Vol.6, Issue 2, No.4, pp 42-71, 2021
2. Robina Ogendo, **Prof. LT. Col (RTD) John M. Okoth**, Lilian Isiaho; Evaluation of Clinical Management Of Cryptococcal Meningitis Among Health Care IOSR Journal of Nursing and Health Science (IOSR-JNHS), e-ISSN: 2320–1959.p- ISSN: 2320–1940 Volume 8, Issue 5 Ser. X. (Sep-Oct .2019), PP 54-63
3. Emily M. W. Wamalwa, **Prof. Lt. Col (Rtd) John M. Okoth**, Dr. Damaris Ochanda: Factors Contributing to Academic Dishonesty among Nursing Students in Medical Training Colleges Western Kenya; EJMED, European Journal of Medical and Health Sciences Vol. 2, No. 4, July 2020
4. Samuel Kipunaa Lopar, RN, BScN<sup>1,3</sup>, John Arudo, MPH/Epi, MSc<sup>1</sup>, **John M. Okoth**, RN, PhD<sup>2</sup> :Contribution of Community Health Volunteers in Immunization Uptake in Pokot South, Sub-County, Kenya , IOSR Journal of Nursing and Health Science (IOSR-JNHS) e-ISSN: 2320–1959.p- ISSN: 2320–1940 Volume 8, Issue 6 Ser. V. (Nov - Dec .2019), PP 13-20 [www.iosrjournals.org](http://www.iosrjournals.org)
5. Mary Ingadoh Isalambah, Prof. **Lt.Col. (Rtd) John M. Okoth**, Dr. Ferdinand Nabiswa,: Heterosexual Couples' Risk Perception On Hiv Infection Management In Kakamega County, Kenya , International Journal of Contemporary Applied Researches Vol. 6, No. 10, October 2019 (ISSN: 2308-1365) [www.ijcar.net](http://www.ijcar.net)
6. Gicuku, **John. M. Okoth** and Damaris A. Ochanda: Prevalence And Risk Factors For Substance Use Among Students At Kenya Medical Training College, International Journal of Current Science and Engineering, *Vol. 01, Issue 03, pp.089-094, July, 2019*, online at <http://www.journalijcse>

7. Metrine Nekesa Wakhungu, **John.M. Okoth** and Mary Kipmerewo: Perception of Nursing Students' and Clinical Instructors on the Clinical Environment Factors Influencing Clinical Learning in Kenya( **Elixir International Journal spec.128(2019)52857-52861, issn2229-712x**
  
8. Musa Lavu Mmani, **John M. Okoth**, Norbert Boruett: Student Factors Affecting Simulation Learning On Fetal Heart Rate Assessment Skills Among Nursing Students In Public Medical Training Colleges In Western Kenya, *International Journal of Scientific Research and Innovative Technology Vol. 6 No. 5; June 2019*
  
9. Mary Ingadoh Isalambah, **Prof. Lt.Col. (Rtd) John M. Okoth**, Dr. Ferdinand Nabiswa: Human Immunodeficiency Virus Infection Prevention Strategies In Heterosexual Couples In Kakamega County, Kenya , *International Journal of Contemporary Applied Researches Vol. 5, No. 5, May 2018 (ISSN: 2308-1365)*  
[www.ijcar.net](http://www.ijcar.net)
  
10. Makong'o, S, Ochanda D. A, **Okoth, J. O. 2018**. Factors Influencing Quality of Sleep among Critically Ill Patients in Selected Hospitals in Western Kenya, *Journal of Health, Medicine and Nursing* [www.iiste.org](http://www.iiste.org) ISSN 2422-8419 An International Peer-reviewed Journal Vol.56, 2018
  
11. Wekesa J, **Okoth J**, Mutai C , Arudo J: The Contribution of Healthcare Workers' Knowledge on Use of Integrated Palliative Care Approach in the Management of Chronic and Life Threatening Diseases at Kakamega County Referral Hospital, Kenya, *World Scientific Research , Vol. 5, No. 1, 24-31, 2018 , ISSN(E) 2411-6661 / ISSN(P) 2518-0177 , DOI: 10.20448/journal.510.2018.51.24.31*
  
12. Lydiah Bochaberi Nyachiro, **Prof. Lt Col (Rtd) John M. O. Okoth**, Dr. Gordon Nguka: Nurses' Knowledge on The Nature and Scope of Diabetic Complications in Selected Hospitals in Kisumu County, Kenya, *International Journal of Advanced Research in Education & Technology (IJARET), Vol. 5, Issue 2 (April - June 2018), ISSN : 2394-2975 (Online) , ISSN : 2394-2975 (Online), ISSN : 2394-6814*
  
13. Judygrace Monyangi Ombati; **Lt. Col. (Rtd) John Okoth** and Charles Mutai Assessment of Factors influencing *Morphine* use on Cancer Pain Relief in Adult Cancer patients in Kakamega county General Hospital, Kenya-Africa *International*

14. Serem. C, **Okoth.J** and Mutai.C: Socio Demographic Characteristics and Chemotherapy Compliance among Patients with Breast Cancer at Moi Teaching and Referral Hospital Eldoret, Kenya, *International Journal of Life Sciences*. Vol. 6 No. 4. 2017. Pp. 119-124, ISSN: 2277-193x
15. Elizabeth Nasambu Wafula, **John Martin Okoth**, John Arudo & Peter Odera Ajuoga. Health Related Quality of Life (HRQOL) Among Female Breast Cancer Patients Infaraja, Nairobi County, Kenya *International Journal of Innovative Research and Advanced Studies (IJIRAS)*, Volume 4 Issue 4, April 2017 ISSN: 2394-440
16. Anne Asiko Okanga, **John Okoth Ogur** & John Arudo. Institutional Characteristics Influencing Bachelor of Science Nursing Student Performance in the Nursing Council of Kenya Licensure Examinations in Kenya *Journal of Education and e-Learning Research*, Vol. 4, No. 1, 28-36, 2017, ISSN(E) 2410-9991/ISSN(P) 2518-0169, DOI: 10.20448/journal.509.2017.41.28.36
17. Kawinzi C ; **Okoth J** and Mutai C . Prevalence of Neutropenia among Patients with Solid Tumors undergoing Chemotherapy at Moi Teaching and Referral Hospital, Kenya *International Journal of Life Sciences*. Vol. 6 No. 3. 2017. Pp. 91-95 ISSN: 2277-193x
18. Joy R.A. Otolo a Wycliffe A. Oboka (PhD) b **Dr. Lt.Col (Rtd) J.M. Okoth c**. Services Provided to Households enrolled on orphans and Vulnerable Children in Intervention Programmes in Kisumu County, Kenya. *Global Journal Of Human-Social Science: Arts And Humanities-Psychlogy*. Vol 14 Issue 9 Version 1.0, November 2014. ISSN:2249-460X & Print ISSN: 0975-587X.
19. Joy R.A. Otolo Wycliffe A. Oboka (PhD) b **Dr. Lt.Col (Rtd) J.M. Okoth c**. Conditionalities for Opharns and Vulnerable Children Intervention Programmes in Kisumu County, Kenya. *International Journal of Humanities And Social Science Vol 4 No. 12; October 2014*
20. Joy R.A. Otolo a Wycliffe A. Oboka (PhD) b **Dr. Lt.Col (Rtd) J.M. Okoth c** Targeting of OVC Beneficiary Households in Kisumu County, Kenya. *International Journal of Education and Research Vol. 2 No. 9 September 2014*

21. M. Barasa, Z.W. Ng'ang'a, G.A. Sowayi, **J.M. Okoth**, M.B.O. Barasa, F.B.M. Namulanda, E.A. Kagasi, M.M. Gicheru and S.H. Ozwara (2012). Cytokine expression in malaria-infected non-human primate placentas. *Open Veterinary Journal*, (2012), Vol. 2: 58-64 ISSN: 2226-4485 (Print) ISSN: 2218-6050 (Online)
22. Elizabeth O Onyango, George Ayodo, **John M Okoth**, Carren A Watsiera Collins Ouma: Factors associated with non-adherence to Artemisinin-based combination therapy (ACT) to malaria in a rural population from holoendemic region of western Kenya *BMC Infectious Diseases* 2012, 12:143, <http://www.biomedcentral.com/1471-2334/12/143>
23. Nguka G, **Okoth J.M** and Mengich G( 2012) Forest Biodiversity, conservation and Climate Change *Role of Forest Conservation on the Households food and Nutrition Security: The State of Southern Sudan*. ISBN: 978-9966-21-012-8

## UNIVERSITY LEVEL BOOKS

1. **John M. Okoth** : Nurses and their work-place stress , LAP Lambert Academic Publishing, ISBN10 3330014806, ISBN13 9783330014800(13 Jun 2019)
2. **Dr. John Okoth:** Medical-Surgical Nursing, AMREF (**Copyright 2014**)
3. **Dr. John Okoth:** Health Assessment in Medical-Surgical Nursing, AMREF (**Copyright 2013**)
4. **Okoth, John;** STI/HIV AND AIDS: A MULTIPLE PREVENTION STRATEGY, **LAP LAMBERT Academic Publishing GmbH & Co. KG,** isbn: 978-3-659-13420-3

## MANUALS

1. **John M Okoth (2010);** The Bachelor of Science in Nursing (BScN) Training File:
2. A manual for the Nursing Council of Kenya, 2011
3. **Lieutenant Colonel John Martin Okoth;** HIV Prevention for the young soldiers: A manual for Kenya Armed Forces, 2nd Edition, 2004
4. **Lieutenant Colonel John Martin Okoth;** HIV Prevention for the Young Soldiers: A manual for Kenya Armed Forces, 1st Edition, 2003
5. **Lieutenant Colonel John Martin Okoth;** Barrack Based Care for HIV/AIDS patients in the Uniformed Services: A manual for Kenya Armed Forces, 2003.

## SEMINAR PAPERS

1. Nguka G & **Okoth J O**. Challenges in Integrated Disease Surveillance and Response in Post Conflict: The case of Southern Sudan, <https://wfpha.confex.com/wfpha/2012/webprogram/meeting.html> Masinde Muliro University of Science and Technology, Kakamega Kenya
2. Nguka Gordon, **John M. Okoth** and Sherry Oluchina: Risk Factors for Severe Acute Malnutrition in Children Under the Age of Five: A Case-Control Study in the South Sudan July 2012
3. **John Martin Okoth**: Complementary Medicine Cancer Management in the Lake Victoria Basin, Kenya, accepted for oral presentation at the International Conference on Traditional Medicine (CONTRAMED 2011) held at the Bayview Beach Resort, Penang, Malaysia from November 29 – 30, 2011.)
4. **John M Okoth** & John Arudo : Quality of life and related factors among HIV positive patients attending Comprehensive Care Centre in Machakos District Hospital. Kenya Nursing Journal (in print)
5. **Major John Martin Okoth**; Disaster Management in Kenya: The real problem, The GOs Voice Journal, 2005
6. **John Martin Okoth** ; Military medical humanitarian assistance: A seminar paper presented to the centre for disaster management and humanitarian assistance (MMUST) workshop
7. **John Martin Okoth**; Academic Linkages and International Collaboration: A seminar paper presented during International Conference at Masinde Muliro University of Science and Technology, Feb. 2010
8. **John Martin Okoth**; Nursing education in the 21st century: A comparative study – the Developed countries and Sub-Saharan Africa : A seminar paper presented during international seminar at Masinde Muliro University of Science and Technology, Feb.. 2009
9. **John Martin Okoth**; Traditional Medicine in EAST AFRICA: A seminar paper presented during at Oulu University, Finland May 2009
10. **John Martin Okoth**; Women & Children's Health: Reduction of Maternal and Child Mortality: A nurses Role: A seminar paper presented at Oulu University, Finland May 2009

- 11. John Martin Okoth;** Parents Attitudes towards Sexuality Education for Youth: A seminar paper presented at Oulu University, Finland May 2009
- 12. John Martin Okoth ;** Mentoring in Nursing Practice: A seminar paper presented during a seminar at Masinde Muliro University of Science and Technology, Nov. 2008
- 13. Major John Martin Okoth;** Disaster Preparedness and Response in Kenya: A Primary Health Care Approach. UnPublished M.Phil Thesis Presented to Moi University, 2000

#### **SCIENTIFIC CONFERENCES, WORKSHOPS AND SEMINARS ATTENDED**

1. Eastern, Central and Southern Africa College of Nursing (ECSACON) Nairobi -5<sup>th</sup> – 7<sup>th</sup> September 2018
2. Amref health Africa; USAID; PEPFAR; IntraHealth International; Strathmore Business School- 27<sup>th</sup> – 31<sup>st</sup> March 2017- Maanzoni Lodge
3. Feb 2013 Development of the Nurse Training and Accreditation Standards
4. Jan.2014 University Multiplication Training Workshop on curriculum Development and Review for Public universities in Kenya: Implementation and Accreditation
5. Curriculum Development Retreat: Kisumu, 11th - 15th November, 2013
6. Scheme of Service for Nursing Personnel: City Max Hotel Nakuru, Sept 8th -14<sup>th</sup>
7. Resource Mobilization and Operational Effectiveness: Maazoni Lodge, Machakos August 26th – 30th 2013
8. Faculty Competency Development Workshop: Maazoni Lodge, Machakos September 15th to the 20th.

## POSTGRADUATE SUPERVISION

1. **Anne Asiko Okanga:** Impact Of Peer Mentorship On The Academic Success Of Bachelor Of Science Nursing Students In Universities in Western Kenya PhD (**on-going**)
2. **Sally Jepkosgei Oronje:** Effectiveness Of Midwife Led Debriefing on Prevention of Postpartum Depression in Western, Kenya PhD ( **on-going**)
3. **Philip Kimutai Sanga :** Efficacy of A Peer-Led Suicide Preventive Intervention Among University Students in Selected Universities in Kenya -PhD ongoing
4. **Isalmbah Mary Ingadoh:** HIV Prevention Strategies Among Heterosexual Couples In Kakamega County - PhD (**completed 2019**)
5. **Joy Rachael Otolu** Targeting of OVC Beneficiary Households in Kisumu County, Kenya - PhD (**Completed 2014**)
6. **Thomas Ong'ondo Ng'ambwa :**Factors Influencing Control of Blood Pressure Levels Among Hypertensive Adult Patients in Selected Hospitals, Kakamega County, Kenya ( **Completed 2021**)
7. **Robina Ogendo:** Clinical Management Of Cryptococcal Meningitis Among Health Care Providers In Selected Hospitals, Kisumu, Kenya (**completed 2020**)
8. **Emily M. W. Wamalwa,** Factors Contributing To Academic Dishonesty Among Nursing Students In Medical Training Colleges Western Kenya (**Completed 2020**)
9. **Samuel Kipunaa Lopar;** Contribution of Community Health Volunteers in Immunization Uptake in Pokot South, Sub-County, Kenya (**completed 2019**)
10. **Gicuku :**Prevalence And Risk Factors for Substance Use Among Students at Kenyamedical Training College **MSc. (completed 2019)**
11. **Musa Lavu Mmani :** Evaluation of Simulation Method in Assesment of Fetal Heart Rate among Nursing Students in Medical Training Colleges in Western Kenya. **MSc (Completed 2019)**
12. **Metrine Nekesa Wakhungu,;** Perception of Nursing Students' and Clinical Instructors on the Clinical Environment Factors Influencing Clinical Learning in Kenya **MSc (Completed 2019)**

13. Wekesa J : The Contribution of Healthcare Workers' Knowledge on Use of Integrated Palliative Care Approach in the Management of Chronic and Life Threatening Diseases at Kakamega County Referral Hospital, Kenya, **MSc (completed 2018)**
14. Lydiah Bochaberi Nyachiro : Nurses' Knowledge on The Nature and Scope of Diabetic Complications in Selected Hospitals in Kisumu County, Kenya, **MSc (completed 2018)**
15. Sarah Makong'o: Factors Influencing Quality of Sleep among Critically Ill Patients in Selected Hospitals in Western Kenya, **MSc (completed 2018)**
16. **Serem. C:** Socio Demographic Characteristics and Chemotherapy Compliance among Patients with Breast Cancer at Moi Teaching and Referral Hospital Eldoret, Kenya **MSc (completed 2018)**
17. **Judygrace Monyangi Ombati ;** Assessment Of Factors Influencing *Morphine* Use On Cancer Pain Relief In Adult, Cancer Patients In Kakamega County General Hospital,Kenya-Africa
18. **Elizabeth Nasambu Wafula:** Health Related Quality of Life (HRQOL) Among Female Breast Cancer Patients Infaraja, Nairobi County, Kenya **MSc (completed 2017)**
19. **Anne Asiko Okanga:** Institutional Characteristics Influencing Bachelor of Science Nursing Student Performance in the Nursing Council of Kenya Licensure Examinations in Kenya **MSc (completed 2017)**
20. **Kawinzi C:** Prevalence of Neutropenia among Patients with Solid Tumors undergoing Chemotherapy at Moi Teaching and Referral Hospital, Kenya **MSc (completed 2017)**
21. **J N Onsare** Knowledge, Attitude and Practices (KAP) Study on cholera Epidemics in Bungoma County – MSc (completed)
22. **S. Opiyo:** Antecedents of Workplace Stress on Nurses' Productivity in Public Health Care Institutions in Siaya County, Kenya –MSc (Completed)

23. Ambudo O. Alfred: Assessment of Teenage Pregnancies in Matungo Subcounty  
Master of Public Health Thesis - Mount Kenya University (Ongoing)
24. Judith M. Ommang'ale: Determinants of Utilization of skilled Birth attendance in  
Lurambi Division Kakamega Central District. ( Maseno university- ongoing)
25. . T. R. Musundi: Factors influencing HIV-Positive mothers' participation in  
prevention of Mother-Child Transmission Programmes (PMTCT) in Mumias District,  
Kenya. MMUST- (Ongoing)

## **POSTGRADUATE EXAMINATION**

### **A. Internal Examiner**

1. Kemboi Georgine Jabet  
Degree Programme: Master of Science in Disaster Management and Sustainable  
Development. Title: Socio-Cultural factors perpetuating the spread and effects of  
HIV on women and girls in Keiyo District – Kenya. (July 2010)
2. Raphael Kavilo Mul : A Comparative Study of Injection Safety Practices In  
Public and Private Facilities In Nairobi North District, Kenya (Master of Public  
Health , Maseno University
3. Alice Gichuhi  
University of East Africa Baraton University  
Degree: Master of Science in Nursing . (University of East Africa Baraton  
University 2011).  
Title: Evaluation of Compliance to Infection Prevention and Control Measures  
among Health Care Workers at Kapsabet District Hospital, Kenya
4. Yugi James Onyango:  
Degree: Master of Science in Nursing, University of East Africa Baraton University  
Title: Knowledge of non-professional care givers providing home based care on  
accidental exposure to HIV from selected NGO's and CBO's in Kisumu, Kenya.

### **B. External Examiner**

1. 2018-2022 - University of Nairobi
2. 2013- 2018 - Kenyatta University
3. 2009-2011-Aga Khan International University-

## **MAJOR CURRICULUM DEVELOPMENT ACTIVITIES**

1. MSc Nursing Masinde Muliro University, 2014
2. BSc Medical Laboratory science Masinde Muliro University, 2011
3. BSc Nursing ( Direct Entry, Masinde Muliro University , 2009
4. BSc Optometry and Vision Science Masinde Muliro University 2009
5. BSc Health Promotion and Sports Science Masinde Muliro University 2009
6. BSc. Nursing Upgrading , Masinde Muliro University,2008
7. Review of KRCHN Program Nursing Council of Kenya – 2007
8. Development of MSc Nursing East Africa 2007
9. BSC. Nursing Program Kenyatta University,1999
10. KRCHN Diploma Armed Forces, 1998
11. Enrolled Community Health Nurse program- Armed Forces ,1992
12. Pharmaceutical Technician Program- Armed Forces,1990
13. Medical Orderly Program – Armed Forces , 1990

## **CURRICULUMS REVIEWED FOR COMMISSION OF UNIVERSITY EDUCATION**

1. Bachelor of Science in Nursing, AMREF International University, September 2019
2. Bachelor of Science in Midwifery with reproductive health, AMREF International University, September 2019
3. Master of Science in Advanced Nursing Practice, Aga Khan University, July 2019
4. Master of Science in Advanced practice midwifery, Aga Khan University, July 2019
5. Master of Science in Nursing, Kabarak University, 2019
6. Regular Institutional quality audit of Chuka University, 23<sup>rd</sup> August-1<sup>st</sup> September, 2018
7. A resource person for the Commission for University Education: BSc Midwifery Aga Khan University 2014
8. BSc Nursing Curriculum for Jomo Kenyatta University of Agriculture and Technology
9. BSc Nursing Curriculum for MT. Kenya university
10. Evaluation of proposed BSc in nursing curriculum by the Presbyterian University of Eastern Africa, 2011.

11. Evaluation of proposed MSc in Nursing curriculum by the University of Eastern Africa, Baraton Sept. 2011
12. Evaluation of Master of Science in Nursing Education –KeMU, 2010 Evaluation of BSc Nursing curriculum for the Catholic University of East Africa, 2009
13. Review of the National Syllabus and Curriculum for the training of registered Nurses at BSc level conducted by the Nursing Council of Kenya, Oct. 2009
14. Evaluation of BSc Nursing Daystar University 2008

## **PROJECTS**

- a. USAID Intrahealth FunzoKenya Project
- b. USAID Intrahealth HR Kenya Project

## **BENEFICIARIES**

- i. Colleges attained increased numbers of market ready graduates who are responsive to Kenya's disease burden;
- ii. National and County leadership improved efficient HRH management systems that addressed health workforce challenges including reduction of staff shortages;
- iii. National and County Governments were enabled to make HRH decisions based on market – driven data and disease epidemiology that improved health outcomes.
- iv. HRH-Kenya mechanism served to build on the successes and lessons learned from HRH Capacity Bridge & FUNZOKenya Projects
- v. Supported sustainable interventions that increased the number of graduating health workers.
- vi. Improved quality of pre-service training, faculty, learning environment and curriculum development.
- vii. Institutionalized in-service training at county level
- viii. Post Training Follow up of participants trained in Family Planning-Long Acting and Reversible Methods of Family Planning including Implanon NXT.

## **Activities**

- i. Health workers training on LARC
- ii. TOT Training for Long Acting and Reversible Methods of Family Planning

- iii. Health workers training on ART
- iv. Data management on IRHIS
- v. HIV Training

**MEMBERSHIP-Professional Associations**

1. National Nurses Association of Kenya,
2. Kenya Hospices and Palliative Care Association