

CURRICULUM VITAE

1.0 PERSONAL INFORMATION

NAME: Prof. Margaret Nyanchoka Keraka
(PH.D)

WORKING PLACE ADDRESS: Kenyatta University,
School of Public Health
P.O. Box 43844, Nairobi, Kenya

PERMANENT ADDRESS: P.O. Box 65611, Nairobi

TELEPHONE 254-02-8710901 ext 3760
Fax 254-02-8710759
MOBILE: 254-0721-817521

EMAIL: mnyanchoka2000@yahoo.com
keraka.margaret@ku.ac.ke
mnyanjokah@gmail.com

NATIONALITY: Kenyan

GENDER: Female

2.0 QUALIFICATIONS Academic Qualifications

- 2015: Professor of Population and Public Health
- 2002: Ph.D in Population and Public Health, Kenyatta University, Kenya.
- 1995: MSc. (Population Studies) University of Nairobi, Kenya
- 1990: PGD (Population Studies) University of Nairobi, Kenya.
- 1987: Bachelor of Education, Kenyatta University

3.0 DUTIES AT KENYATTA UNIVERSITY

- Formulation and design of programmes that include Master of Public Health, and BscEnvironmental Health among others
- Monitoring and Evaluation work for Kenyatta University and other institutions like AMREF and UNICEF
- Supervising MPH (Reproductive Health Option) students
- Supervising Msc (Water Sanitation and Hygiene) students
- Supervising Msc (Occupational Health and Safety) students
- Supervising Msc (Environmental Health) students
- Organizing and participating in Outreach programmes through Community based oriented training programmes for Environmental health students

- Participation in Capacity building programmes including Gender and health mainstreaming in middle level colleges
- Teaching in research, advocacy and promotion of Reproductive health issues

4.0 EMPLOYMENT HISTORY

October 2018 to date Dean School of Public Health and Applied Human Sciences

May 2015 to date: Professor of Population and Public Health, Kenyatta University

2008 to 2015: Senior Lecturer, Department of Public Health, Kenyatta University

2013: Renewal of Term of Chairman, Department of Environmental Health

2011 to 2013: Chairperson, Department of Environmental Health, School of Public Health, Kenyatta University

2010: Coordinator, Population Health and Reproductive Health Programmes at Undergraduate and Postgraduate levels

2008 to 2011: Field Attachment Coordinator for Department of Public Health and Research Project Coordinator Department of Public Health

2004: Lecturer, Department of Health Sciences and Coordinator Environmental Health Programme

2003 to 2004: Chairman and Lecturer of the Department of Environmental Health, School of Pure and Applied Sciences, Kenyatta University.

2003 Examination Coordinator for Environmental Health programmes

2002: Coordinator Environmental Health Programme, School of Pure and Applied Sciences, Kenyatta University

2002 to 2003 Lecturer, Department of Environmental and Community development

1997-2001: Tutorial Fellow, Department of Environmental and Community development, Faculty of Environmental studies, Kenyatta University.

5.0 ADMINISTRATIVE RESPONSIBILITY 5.1 At Kenyatta University

2018: Dean School of Public Health, Kenyatta University

2016 Chairperson Department of Population and Reproductive health, Kenyatta University

2011 Chairperson Department of Environmental and Population Health, Kenyatta University

July- August 2015: Standing in as Dean School of Public Health

12th July 2013 to date: Chairman, School Research Grants Allocation Committee, School of Public Health

2013: Renewal of Term of Chairman Department of Environmental Health

2011: Chairman, Department of Environmental Health, School of Public Health, Kenyatta University

2011: Member of Senate Ad-oc Committee on New and Revised Programmes to develop a Standard Policy to guide revision, approval and implementation of new and revised programmes.

2010:Secretary, Committee on Israel Collaboration with Kenyatta University Proposal development

2010: Secretary, Proposal Writing committee focusing on Greening University Campuses through Mainstreaming of Environmental Policies and Strategies into Kenyatta University Training and Management

2009: Secretary of Committee on Israel Collaboration

2009 -2011: Coordinator, Practicum, Attachment, Department of Public Health

2009 to 2011 - Coordinator Research project, Public Health Department, Kenyatta University

2009 to 2011 - Academic advisor, Department of Public Health

2008:Member of Post-graduate Committee, Department of Public Health

2008:Member of Credit transfer committee Department of Health Sciences

2005:Secretary, Restructuring of Programmes Committee, Department of Health Sciences

2003-2004:Coordinator, Open Learning Programme, Department of Environmental Sciences

2004:Member of Open Day and Publicity, Culture Week, Kenyatta University

2004 Field research committee, School of Pure and Applied Sciences

2003: Convener Department of Environmental Health, School of Pure and Applied Sciences, Kenyatta University.

6.0 FELLOWSHIPS

1998: Nominated for a commonwealth Scholarship at the International Research Institute for Population studies University, India

7.0 POSTGRADUATE SUPERVISION OF RESEARCH PROJECTS AND THESES

Supervision of PH.D Students

2020: Owaka Isaac, Influence of School Based Sexual Risk Avoidance Education on Sexual Behavior among Adolescent Girls in Homabay County, Kenya

2020: Violet Nakhungu Momanyi. Farmers' Compliance to Pesticide Use Standards and Residue Levels in Tomatoes Grown and Consumed in Kirinyaga County, Kenya

2019: Caroline Kanini Mumbi. Role of Counseling in enhancing coping after a Stillbirth among Women in Kitui and Machakos Counties, Kenya - Graduated

2019: Mwatu Agnes. Evaluation of Benzene and Toluene Levels in Spray Painting and Health Effects on Informal Auto-garage Spray painters in Embakasi, Nairobi, Kenya - Graduated

2016: Makau K. Isaac. The Health Burden of Wildlife Induced Injuries among the Maasai Cattle Herders in Kajiado County, Kenya - Graduated

2014: Priscilla N. Kabue. Implementation of Hospital strategy on Utilization of maternal services among postnatal mothers in Nairobi and Thika Districts. PH.D Thesis, Kenyatta University - Graduated

2014: Mutabazi Michel. Adherence and Treatment outcomes among patients with Co-morbidity of depression and other mental Disorders attending Psychiatric Hospitals in Rwanda. PH.D Thesis, Kenyatta University - Graduated

2013. Jackim Nyamari. Enhancing Compliance to food safety practices amongst Food handlers in Selected Hospitals in Nairobi County. PH.D Thesis, Kenyatta University - Graduated

2011: Osero Justus O.S. Prevalence and health implications of sexual Based violence among survivors in selected provinces in Kenya. PH.D Thesis, Kenyatta University. Graduated

2011. Nyagero, Josephat. Predictors and Intervention Model for Increased Health Insurance Coverage among Elderly Population in Rural Kenya – JKUAT-INTROMID Programme – graduated

2009: Akunga Daniel, Disease Burden Associated with faecal-oral pathogens attributable to water, sanitation and hygiene among children in Nairobi. PH.D Thesis, Kenyatta University– Graduated

2009: Njogu Eunice Wambui, Enhancing farming practices for improved household food and nutrition security in Kamae, a Peri-urban area, Nairobi, PH.D Thesis – Kenyatta University. Graduated

Successful Supervision of Masters Students

2020: Wekesa Zeddy Wanjala. Access to Contraceptive Services in the Era of the Global Gag Rule at Family Fealth Options Kenya in Nairobi City County

2020: Titus Mosoti Abuga. Utilization of Partograph in Management of Women in Labor among Nurses/Midwives Working in Machakos County, Kenya

2020: Ellen Chifundo Damson Modern Contraception Utilization among Adolescent Girls in Ntcheu District, Malawi

2019: Kainde Musyoka: Perinatal Outcomes of Free Maternity Services in Embakasi Subcounty, a Study of Mama Lucy kibaki Hospital in Nairobi County, Kenya

2019: Orang’ Kwamboka Miriam: Male Partner Involvement in Utilization of Preconception Care in Nairobi City County, Kenya

2019: Mwangi Hellen Nyambura: Risk Factors associated with Syphilis Infection among Men who have Sex with Men in Nairobi City County, Kenya

2019: Esther Wangari Gitahi: Acceptability and Preferences of Assisted Reproductive Technology among Women Attending Infertility Clinic at Kenyatta National Hospital, Nairobi City County, Kenya.

2019: Micah Koech: Patterns and Risk Factors of Motor Cycle Related Injuries among Boda boda Riders in Bomet Central Sub County, Kenya

2018: Miriam Wanjiru Ngunjiri: Health Seeking behaviour for Key Sexually Transmitted Infections among the Female Sex Workers in Eldoret Municipality, Uasin-Gishu County, Kenya

2017: Mary Nyambura Muriithi: Compliance to exclusive Breastfeeding of children by mothers seeking for maternal and child health services in Mathira Sub-county Hospitals, Nyeri County, Kenya. Graduated.

2017: Issa Ahmed Dahir. Utilization of family planning services among postpartum women attending child welfare clinics in Nairobi County, Kenya MPH Thesis Kenyatta University. Graduated

2017: Eliza Wachuka Wambui. The role of Maternal, psychological and social-cultural factors in HIV exposed infant's service uptake, Nakuru County referral Hospital, Kenya MPH thesis Kenyatta University. Graduated

2016: Jackline Nyakerario Ayienda: The Malaria Household Agricultural Production in Mosoch Division Kisii County, Master of Environmental studies. Kenyatta University. Graduated

2016: Roselillian Khanali Andanje: Male partner involvement in promoting skilled attendance at Childbirth in Mtayos Sub-county, Busia County, Kenya, MPH Thesis. Kenyatta University – Graduated

2016: Jeremy Murithi Njiru. Challenges to visual cervical cancer screening service integration and utilization of Reproductive health Care services in Imenti Sub-county Meru County, Kenya. MPRH Thesis. Kenyatta University – Graduated

2016: Kinoti K. Fred Moses. Care of Prostate Cancer Patients, in selected urology Clinics in Nairobi County. MPRH Thesis. Kenyatta University – Graduated

2016: Kitony Faith. Caretakers Home management and Health seeking Behaviour for Diarrhoeal Diseases among children Under Five Years in Eldoret Municipality, Kenya, MPH Thesis. Kenyatta University – Graduated

2015: Juma Mwanjama Omari. Health Facility Delivery among Women who have Delivered in the Last months in Kwale County-Kenya- MPH Thesis. Kenyatta University – Graduated

2015: Muia Zipporah Mwikali. Utilization of Reproductive Health Services by Secondary School Students in Wote Division, Makueni Sub-county , Kenya : MPH Thesis. Kenyatta University – Graduated

2015: Owaka Isaac Ogweno. Intimate Violence in Pregnancy among Antenatal Attendees at the Health Facilities in West Pokot County Kenya. MPRH Thesis. Kenyatta University – Graduated

2015: Aliongo Raymond Mukhongo. Unmet need for Family Planning among Women of Reproductive age Living in Makadara Division, Nairobi County, Kenya MPRH Thesis. Kenyatta University – Graduated

2015: Martim V. Chepchichir. Occurrence and management of Puerperal Sepsis amongst women of Reproductive Age (15-49) attending two Hospitals in Nandi county, Kenya. MPRH Thesis. Kenyatta University – Graduated

2014: Nancy Maingi. Determinants of Utilization of Health Facility during Child birth by women aged 15-49 years in Matinyani Sub-county in Kitui County, Kenya. MPRH Thesis. Kenyatta University – Graduated

2014: Daniel Kinyua M’Mauta. Assessment of Knowledge, attitude and use of insecticide treated nets among students in boarding Secondary schools in Igembe District, Kenya. – MPHE Thesis. Kenyatta University – Graduated

2014: Mukunyi Elphas Gitonga. Birth Preparedness Among Women in Tharaka Nithi County Kenya. - MPHE Thesis. Kenyatta University – Graduated

2013: Nderitu Monica. Prevention and Control of Diarrhoea among under-fives in Kebera and Mukuru Informal Settlements in Nairobi Using WASH Interventions. Moi University. Graduated

2012: Kennedy Wafula. Occupational Risks factors contributing to Injury by medical Sharps among health workers at Kenyatta National Hospital, Nairobi Kenya - MPHE Thesis. Kenyatta University – Graduated

2012: Frank Mwangemi. HIV Management and quality of life outcomes among Nuru ya Jamii Project Clients attending Nakuru PGH, Kenya - - MPHE Thesis. Kenyatta University – Graduated

2012: Ephantus Maree. Factors influencing Uptake of Voluntary Counseling and HIV Testing Services by Government Health Workers in Central province Kenya - MPHE Thesis. Kenyatta University – Graduated

2012: Peter Gitu. Factors Influencing Non-Adherence to Anti-retroviral Therapy and Coptic Health HIV/AIDS Clinics in Nairobi Province, Kenya - MPHE Thesis. Kenyatta University – Graduated.

2012: Osiemo S Angwenyi. Factors influencing Adherence and Satisfaction with Quality of Anti-retroviral Therapy and Care services in Kisii District, Kenya - MPHE Thesis. Kenyatta University – Graduated.

2012: Talam Chemutai. Factors contributing to Oral Contraceptive User Failure among Clients attending antenatal Clinics in Eldoret Municipality, Uasin Gishu County, Kenya. - MPHE Thesis. Kenyatta University – Graduated.

2012: Ngara J Ochieng Effect of Health Education and Hygiene on Blood Lead Levels among Lead Battery Workers in Nairobi and Athi River, Kenya - MPHE Thesis. Kenyatta University – Graduated.

2012: Rahab W. Munene. Levels of Aflatoxins in Human Breast milk and Household Maize, the Case of Mothers attending MCH Makindu Hospital Makueni. MPHE Thesis. Kenyatta University – Graduated.

2012: Ndiira Mwendwa 2012. Factors affecting Utilization of Youth Friendly Voluntary Counseling and Testing services among Youth attending Day Public Secondary schools in Nairobi, Kenya - MPHE Thesis. Kenyatta University – Graduated.

2012: Catherine Mwangi. An Assessment of Infant Feeding Options among HIV Positive Women Attending Comprehensive care Clinic at Kiambu District Hospital, Kenya - MPHE Thesis. Kenyatta University – Graduated.

2011: Jane Waithieni Kingori. Factors influencing the implementation of HIV/AIDS education in primary schools, Nairobi. MPHE Thesis. Kenyatta University – Graduated

2011: Wameu Esther Nzilani. Household related factors influencing Child mortality levels in Kilifi District - MPHE Thesis. Kenyatta University – Graduated

2011: Elizabeth Macharia. Relationship between Infant Feeding Mode with Acute Respiratory and Gastro-intestinal Infections among Children attending Naivasha District Hospital. MPHE Thesis. Maseno University – Graduated

2011: George W. Onyango Dianga. Effects of Safety and Health Training on accidents/injuries Reduction among Workers in Chemical Processing Factories in Nairobi. MPHE Thesis. Kenyatta University – Graduated

2011: Muchemi Sabina Muthoni. Factors Associated with Occupational Allergic Conjunctivitis among School Teachers in Bahati Division, Nakuru North District, Kenya - MPHE Thesis. Kenyatta University – Graduated

2011: Khasewa Joab. Barriers to Utilization of Provider initiated HIV counseling and Testing Services among Tuberculosis patients. A case of Rhodes Chest Clinic, Nairobi. – MPHE Thesis. Kenyatta University – Graduated

2011: Kibiru Andrew Benjamin. Risk Factors Influencing Typhoid fever occurrence among the adults in Maina Slum, Nyahururu Municipality, Kenya - MPHE Thesis. Kenyatta University

– Graduated

2011: Agnes Mwatu. Health Hazards associated with Spray Painting among Workers in Small Scale Auto Garages in Embakasi Division, Nairobi Kenya. - MPHE Thesis. Kenyatta University – Graduated

– Graduated

2011: Karani Lizbeth Kageni. Diarrhea Morbidity and Nutritional Status among Pre-school Children of Hawking Mothers in Nairobi City Markets. - MPHE Thesis. Kenyatta University

– Graduated

2011: Irene Jebet Cheruiyot. Factors influencing Utilization of Voluntary Counseling and Testing Services among Out-of-School Youth in Nakuru North District, Kenya. - MPHE Thesis. Kenyatta University – Graduated

– Graduated

2010: Allan Logendo. Effectiveness of social support systems on antiretroviral drug adherence among HIV/AIDS patients attending HIV/AIDS clinic at Kisii Provincial General Hospital. Moi University.- Graduated

– Graduated

2010: Owiti Jacob Onyango. Psychosocial and demographic factors affecting Utilization of Voluntary Counseling and Testing Services among Secondary School Teachers in Nyando District Kenya. MPHE Thesis. Kenyatta University – Graduated

– Graduated

2009: ROP Jepkosgei Julie. Risk Factors associated with morbidity status of preschool children in Mukuru Slums, Nairobi Kenya. MPHE Thesis. Kenyatta University – Graduated.

2009: Sheillah N.E Simiyu. Effect of water, Sanitation and health education interventions on diarrheal morbidity among children in Mandera district, Kenya. MPHE Thesis, Kenyatta University – Graduated.

– Graduated.

2009: Segecha C. Shirley. Etiology of Diarrhoea in children under 5 years in Mbagathi District Hospital, Nairobi provnce. MPHE Thesis, Kenyatta University – Graduated

– Graduated

2009: Jennifer Mwangi. Determinants of inter-uterine contraceptive devices use and decline among family planning seekers in Nairobi, Kenya. MPHE Thesis, Kenyatta University– Graduated

– Graduated

2009: Bernard Muture Factors associated with default from treatment among tuberculosis patients in Nairobi Province, Kenya. MPHE Thesis. Kenyatta University – Graduated

2009: Caroline Nginda. HIV/AIDS risk factors and its impact on productivity among workers in Tea plantations in Limuru Division Kenya MPHE Thesis, Kenyatta University – Graduated

2009: Mary Muthoni Kibui. Socio-cultural and Psychological factors associated with alcohol use among students and its effects on performance and health. MPHE Thesis. Kenyatta University – Graduated

2009: Lucy Anne Wanjiru. Effects of integrating comprehensive HIV/AIDS care into reproductive health services offered in Nairobi West and Thika family care clinics. MPH Thesis
–Graduated

2009: Redempta Mutisya, Factors Associated with Delay in Health seeking treatment among Pulmonary Tuberculosis Patients in Kibwezi District, Kenya. MPHE Thesis. Kenyatta University
– Graduated

2008: Marita Enock. Determinants of HIV-VCT Utilization among secondary school teachers in Thika District MPHE Thesis. Kenyatta University – Graduated

2008: Veronica Mukuhi, An investigation of water and sanitation risk factors associated with childhood diarrheal morbidity in Kibera. MPHE Thesis. Kenyatta University – Graduated

2008: Serem Wycliffe. Determinants of fertility preferences among HIV infected mothers in Uasin Gishu District, Kenya. MPHE Thesis, Kenyatta University – Graduated

2007: Florence K. Kirimi. Factors that determine implementation of Public Health Standards in selected City Council Markets in Nairobi. MPHE Thesis. Kenyatta University – Graduated

2007: Ochieng Carolyne. Influence of indoor pollution from bio-fuels on respiratory health of workers in food catering enterprises in Nairobi. MPHE Thesis, Kenyatta University – Graduated

8.0 CONFERENCES/SEMINARS/WORKSHOPS

8.1 Participation in workshop/conferences

2019: Participated in a workshop on Minimum Comparative Education Standards for Msc in

Health Informatics for the East Africa Region Conference sponsored by Vernderbilt Institute of Global Health Held between 9th to 10th May 2019 at the Radisson Blu, Hotel Nairobi. Kenya

2016 Participated in the 2nd International conference on Reproductive Health December 01-02, 2016 at San Antonio, USA. Conference series.com

2015: Participated in a workshop on the Theme: Achieving equity and inclusion in Sanitation and Hygiene funded by Population Services Institute in collaboration with the Ministry of Health. Workshop Organised by Interagency Coordination Committee held at Turtle Bay Beach Club Kilifi between 2nd to 3rd July 2015

2013: Attended Bsc HRIM curriculum Review TWG Workshop Organised by the Ministry of Health with the support of United States Agency for International Development (USAID) held at Silver springs Hotel Nairobi

2011 Attended a training of trainers in Health Systems Management Workshop Health at the Kenya Institute of Administration between 31st October and 4th November 2013

2011 Attended Proposal Writing Training Workshop at Glasgow held between 14-19th March 2011 at UK.

2010: Attended training on Monitoring and evaluation workshop Organised by Tulane University USA and Kenyatta University held in Nakuru

2010: Chaired session in All African Environmental Health Congress held at the Cross roads Hotel in Lilongwe Malawi 28-31st may 2010

8.2 Presentation of papers at Academic and professional conferences

Keraka M.N, Owaka I. and Kipkalom R. 2022. Prevention and control of covid 19: Webinar presentation. Organised by Kenyatta University

Momanyi, V, Keraka M, Abong'o, D and Warutere, P. 2019. The Safety Status of Tomatoes Grown and Consumed in Kirinyaga County, in Terms of Pesticide Residue Levels Presented in a conference under the theme Food and nutrition safety from farm to fork: a missing link in consumer health and food security held in Nairobi between 20th to 24th May, 2019

Keraka, M.N; Owaka I and Wambugu M. 2019. Assessment of clients' rights and community

involvement in fistula prevention among women of reproductive age in Nyakach Sub-County, Kenya Presented at the International conference of Reproductive health under the theme “under in a conference entitled ending obstetric Fistula in a generation” between 22 to 24 may 2017

Keraka 2016: Influence of Male Involvement on Use of Modern Contraceptive among Sexual partners in Mukuru wa Njenga Informed Settlement, Nairobi County, Kenya. Presented at the 2nd International Conference on Reproductive Health held during December 01-02, 2016 in San Antonio, USA

Keraka 2011: Gender Equity in institutions offering Environmental Health Programmes in Africa. Paper presented in MRCI workshop held in Ghana 5^{nt}-6th October 2011 MENSVIC Hotel, East Legon, Accra Under the theme Contribution of African Higher Education Institutions to Development and the Attainment of MDGs

Keraka M. N. 2010: Public Health Service Delivery: Challenges in Kenya presented in the Health in Africa 2010 Symposium held in Jerusalem, Israel February 16, 2010 Hadassah Ein Kerem Campus Jerusalem

Keraka M. N. 2010: Generic curriculum for improving Training in Environmental Health in Africa. Paper presented in the 2nd All Africa Environmental Health Congress 2010 held between 24th-27th may 2010, at Cross roads Hotel, Lilongwe, Malawi organized by University Malawi

Keraka M. N.; Nyagero J.; Odekina, D.; Yahuza M.I.; Lenanyokie B.L.; Kuot, S. and Lagat, N. 2010: Impact of School de-worming programme in Gatukuyu sub-location in Thika District. Paper presented in the 2nd All Africa Environmental Health Congress 2010 held between 24th-27th may 2010, at Cross roads Hotel, Lilongwe, Malawi organized by University of Malawi

Keraka M. N. 2010: Gender equity in institutions offering Environmental Health programmes in Africa. Paper presented in the 2nd All Africa Environmental Health Congress 2010 held between 24th-27th may 2010, at Cross roads Hotel, Lilongwe, Malawi organized by University Malawi

Keraka M. N. 2009: Quality Assurance in Teaching of Environmental Health Programmes in Kenyatta University, Paper presented in the Africa Academy For Environmental Health Workshop 3-5 March 2009 at Tswane University, Pretoria. South Africa

Keraka M. N. 2007: Factors determining fertility choices among HIV positive mothers in Uasin Gishu district. Paper presented in the HIV/AIDS reproductive health conference held at The Kenya Institute of Education between April 10-14, 2007

8.3 Convening and Coordinating conferences

2017: Convener of an international Reproductive Health Conference on Obstetric Fistula Hosted by Kenyatta University, Nairobi, Kenya between 22nd and 24th may 2017. Funded by UNFPA, IPPF and Fistula Foundation

2011: Convener of a workshop on culturally appropriate interventions for HIV /AIDS Prevention: Funded by the Israel Embassy. Held at the School of Health Sciences Lounge between 13th to 21st Dec 2011

2010: Coordinated a training dialogue workshop on Integrating Gender and Gender Based Violence Care for Pre-service Medical Professional' Training in University and Middle level colleges in East Africa.

2007: Principal Convenor of a workshop on Integration of HIV/AIDS and reproductive health conference. Funded by UNICEF, UNFPA, NCPAD and Kenyatta University held at The Kenya Institute of Education between April 10-14, 2007

2009: Principal Convenor of a workshop on Generic Quality Management System for Environmental Health Training programmes in Africa funded by Africa Academy for Environmental Health Programme between 17 – 20 August 2009 at the Kivi Milimani Hotel Nairobi. Kenya

RESEARCH AND PUBLICATIONS

9.1 Articles in refereed Journals

Onchonga, D, MoghaddamHosseini, V, Keraka M, Várnagy, A. 2020. Prevalence of fear of childbirth in a sample of gravida women in Kenya. *Sexual & Reproductive Healthcare* 24 (2020), 100510

Mwatu A, Keraka M.N, Muhoho N, Watutere P (2019) Evaluation Of Benzene And Toluene Levels Released Into The Breathing Zone Of Spray Painters Working In Small Scale Informal Auto-Garage, In Embakasi, Nairobi, Kenya. *International Journal of Innovative Research and Advanced Studies (IJIRAS)* Volume 6 Issue 4, April 2019

Zeddy N. C. W., MK Keraka, J Ngatia (2018). Global Gag Rule's Influence on Access to Contraceptive Services at Family Health Options Kenya in Nairobi City County. *IJSER* ISSN 2229-5518)

Chepngetich J,; Keraka, M. and Njagi, J. Assessment of the Knowledge on Pre-Conception Care among Women of Reproductive age in Ruiru Sub-County, Kiambu County, Kenya. *Global Journal of Health Sciences*, [S.l.], v. 3, n. 1, p. 82 - 100, June 2018

Mwangi Hellen Nyambura , Margaret Keraka , Rekha Sharma , George Owino Risk Factors Associated with Syphilis Infection among Men Who Have Sex with Men in Nairobi City County, Kenya *International Journal of Science and Research (IJSR)* ISSN: 2319- (2018):

0.28 | SJIF (2018): 7.426

Maingi N.N. and M. Keraka. An Assessment of Health provider related factors influencing Utilization of health Facility during Child Birth by Women aged 15-49 Years in Matinyani Sub-County in Kitui county. Journal of Health, Medicine and Nursing ISSN 2520-4025 (online) Vol.3, Issue 1, No.3, pp 25 - 40, 2018

Maingi N.N. and M. Keraka An investigation of Client Related Factors influencing Utilization of Health Facility during Child Birth by Women Aged 15-49 years in Matinyani Sub-county in Kitui County. Global Journal of Health Sciences. Vol. 3 No 1PP 57-81

E.W.Wambui, M.Keraka and P.Nguhiu. The Role of Maternal, Psychosocial and Socialcultural Factors in HIV-Exposed Infants' Service Uptake; Nakuru Provincial General Hospital, Kenya. East African Medical Journal Vol. 91 No. 5 May 2017

Chepchirchir MV, Nyamari J, and Keraka M. Associated factors with Puerperal Sepsis among Reproductive Age Women in Nandi County, Kenya. Journal of Midwifery and Reproductive Health. 2017; 5(4): 1032-1040. DOI: 10.22038/JMRH.2017.9348

Kithinji Lucy Mwari, Margaret N. Keraka and Jemimah A. Simbauni Health Facility Factors That Influence The Use Of Growth Monitoring Clinic Services By Children Aged Between Twelve And Fifty Nine Months In Rural Area, Machakos County, Kenya. International Journal of Innovative Research and Advanced Studies (IJIRAS) Volume 4 Issue 7, July 2017. ISSN: 2394-4404

Isaac Ogweni Owaka, Margaret Keraka Nyanchoka, Harryson Etemesi Atieli. Intimate partner violence in pregnancy among antenatal attendees at health facilities in West Pokot county, Kenya. The Pan African Medical Journal 2017;28:229. ISSN 1937-8688

Kithinji Lucy Mwari, Margaret N. Keraka and Jemimah A. Simbauni. Care Giver Deteminants Of Utilization Of Growth Monitoring Clinic Among Children Aged 12-59 Months In Urban Kiambu County, Kenya. International Journal of Innovative Research and Advanced Studies (IJIRAS) Volume 4 Issue 6, June 2017. ISSN: 2394-4404

Ndeto K. John; Sammy O. Barasa; Mary W. Murigi; Keraka N. Margaret and Justus O.S Osero. Utilization of individual birth plan during pregnancy and its determinants in Makueni County, KENYA. International Journal of Community Medicine and Public Health Vol.5 No.1 2018. ISSN 2394-6032

M. Njiru, Margaret N. Keraka and Anthony K. Wanyoro (2016). Challenges to Visual Cervical Cancer Screening Service Integration and Utilization in Imenti South Sub-County

Reproductive Health Care System, Meru County – Kenya Imperial Journal of Interdisciplinary Research (IJIR) Vol-2, Issue-5, 2016 ISSN: 2454-1362, <http://www.onlinejournal.in>

Eliphas Gitonga, Margaret Keraka and Peter Mwaniki.(2015). Birth preparedness among women in Tharaka Nithi County, Kenya. *AFRICAN Journal of Midwifery and Women's Health*, october–december 2015, Vol 9, No 4

Nyamari J., Mugendi B, Keraka M. and D. Agwata 2014: Effectiveness of Food Safety Training on Food Safety Knowledge and Practices of Hospital Food Handlers in Selected Hospitals in Kenya. *Elite Research Journal of Food Science and Nutrition* Vol. 1(1) pp. 12 – 21.

Nyagero J. , Gakure R. , Keraka M., Mwangi M. , Wanzala P. 2012. The background, social support and behavioural characteristics associated with health insurance coverage among the older population in Kisii County, Kenya. *The African Journal of Health Sciences Afr J Health Sci.* 2012; 22:201-213

Osero J.S, Margaret N. Keraka, Syprine A. and Otieno M. 2012 Health consequences of sexual violence among survivors in selected hospitals in Kenya. *Asian journal of Pharmaceutical and Health Sciences.* Asian J. Pharm.Hea.Sci./July-sep 2012 Vol.2 Issue 3

Josephat Nyagero, Roslyn Gakure, Margaret Keraka, Peter Wanzala. Health insurance education strategies for increasing the insured among older population – a quasi-experimental study in rural Kenya. *The Pan African Medical Journal.* 2012;12:9

Akunga, D.N. Keraka, M.N. and Anyango, O. (2011). *Burden of Childhood Diarrhea from Water Sanitation and Hygiene.* The case of Nairobi City Kenya. VDM Verlag Dr. Muller e.K Germany

Marita, E.O, Keraka. M.N., Mwanzo I. 2011. Determinants of HIV-VCT utilization among secondary schools teachers in Thika district, Kenya. *East Afr J. Public Health* 2011 Dec;8(4):258-62.

Muturi, B.N.; Keraka, M.N.; Kimuu, B. K.; Kabiru, E; Ombeka, V.O. and Oguya, F. (2011): Factors Associated with Default from Treatment among Tuberculosis Patients in Nairobi Province, Kenya. A case control Study. *Biomed Central Public Health journal* 3011, 11:696 <http://www.biomedcentral.com/1471-2458/11/696>

Keraka M.N. and RR. Sharma (2010) Utilization of Insecticide Treated Nets among Pregnant women n Thika Distict. *International Journal devoted to Nature, Environment and Natural Resource Conservation.* Vol 22. No. 2 pp 189-195

Kibua N.T; Muia D.M and Keraka, M. 2010. *Efficacy of Community-Based Health Care in*

Kenya: An Evaluation of AMREF's 30 years in Kibwezi. The African Medical Research and Foundation. Nairobi

Keraka M. N and Susan Morrell. 2009 (ed) *Integrating HIV/AIDS and Sexual and reproductive health: Policy implications.* English Press, Nairobi.

Keraka M. and W. Serem. 2009. Factors Influencing Fertility Choices Among HIV-Infected Mothers in Uasin Gishu District, Kenya. In the Journal of *Discovery and innovation* Volume 21 No 1 and 2 ISSN 1015-097X. African Academy of Sciences Publishers, Nairobi.

Kirimi F., Otieno M., Keraka M.N and Sharma R. (2008): Factors influencing implementation of public health standards in selected City Council markets in Nairobi Kenya in the *International Journal of pure and applied Science* Vol 1 No. 4 Pg. 117-122

9.2 Articles in conference proceedings

Keraka M. N. 2010: Generic curriculum for improving Training in Environmental Health in Africa. Paper presented in the 2nd All Africa Environmental Health Congress 2010 held between 24th-27th may 2010, at Cross roads Hotel, Lilongwe, Malawi organized by University Malawi

Keraka M. N.; Nyagero J.; Odekina, D.; Yahuza M.I.; Lenanyokie B.L.; Kuot, S. and Lagat, N. 2010: Impact of School de-worming programme in Gatukuyu sub-location in Thika District. Paper presented in the 2nd All Africa Environmental Health Congress 2010 held between 24th-27th may 2010, at Cross roads Hotel, Lilongwe, Malawi organized by University Malawi

Keraka M. N. 2010: Gender equity in institutions offering Environmental Health programmes in Africa. Paper presented in the 2nd All Africa Environmental Health Congress 2010 held between 24th-27th may 2010, at Cross roads Hotel, Lilongwe, Malawi organized by University Malawi

9.3 Books

Keraka M. N. (ed) 2019. Ending Obstetric fistula in a generation. Our Services Ltd Publishers, Nairobi, Kenya.

Keraka M. N. (ed) 2009. Integrating HIV/AIDS and Sexual and reproductive health: Policy implications. English Press, Nairobi, Kenya

10.0 NETWORKING AND COLLABORATION WITH EXTERNAL ORGANIZATIONS

2019: Facilitated collaboration between Ohio University, College of Health Sciences and Professions, Department of Social and Public Health with Kenyatta University, School of Public

Health

2017. Facilitated collaboration between Family Health Options of Kenya with Kenyatta University, School of Public Health

2017. Facilitated collaboration between Edna Adan University, Hargeisa with Kenyatta University, School of Public Health

2011. Facilitated collaboration between Braun School of Public Health and community Medicine, Hebrew University of Jerusalem, Israel with Kenyatta University through signing of MOU.

2011: Networking with National Environmental Management Authority on Environmental Impact Assessment and Audit of development projects, Nairobi.

2011 Collaborating with National coordinating Agency for Population and Development (NCPD)

2011 to date: Currently an elected member of the Executive committee of the Africa Academy for Environmental Health (AAEH) coordinated from South Africa

2011 Associate member of the International Federation for Environmental Health

2010. Invited to a workshop as a resource person to a Training Dialogue workshop on integrating gender and gender based violence care for pre-service medical professionals' training in University and mid-level colleges in East Africa. Kenyatta University Chapter workshop held between 5th to 7th 2010 North Cost Beach Hotel.

2015 Board member of Rigoko Secondary school Nyamira District

10.0 EXTERNAL AND INTERNAL GRANTS

2021: Won 1,500,000 research grant from Fistula Foundation

Dec 2018: Won KSHS 1,300,000 research grant from Family Health Options of Kenya

May 2017: Won KSHS 1,200,000 research grant from UNFPA

October 2013: Won KSHS 5,862,039.68 research grant from UNICEF

January 2013: Won a \$3,000 workshop grants from Israel embassy

December 2009: Won £93,760.00 research grant from Association of African Universities (AAU) under the programme Mobilising Regional Capacity Initiative (MRCI)

2008 won £135000 a grant from DFID under the DelfE project to undertake a research Project on establishment of an Africa Academy for Environmental Health (AAEH) to develop environmental health curricula and accredited diploma / degree programmes in environmental health in SADC higher education institutes

11.0 LOCAL, REGIONAL AND INTERNATIONAL APPOINTMENTS

11.1 Appointment into national, Regional and International Boards

2011: Appointed as Executive Committee (EXCO) member of the Board of the Academy of Environmental Health for higher Institutions of Learning in Africa. Assigned role of leading Academic Portfolio

11.2 External examiner/ Evaluator at undergraduate and postgraduate level.

2019: To date Serve as external Examiner for University of Malawi the polytechnic in the Faculty of Applied Sciences. Department of Environmental Health.

2015: Serve as external Examiner for Makerere University Technical University of Mombasa for both undergraduate in the college of Health Sciences, Department of Disease control and Environmental Health

2020: Served as external Examiner for Technical University of Mombasa for both undergraduate and Post graduate examinations for Department of Environment and Health Sciences, Faculty of applied and Health Sciences.

2021: Served as an external Examiner for Jomo Kenyatta University of Agriculture and Technology Msc Thesis on Health Effects of Lead exposure among Jua Kali workers in Mombasa A case of the Express Jua Kali workers

2012: Served as External examiner for both Undergraduate and Masters Programmes for Department of health Epidemiology and Nutrition, Health Management and policy School of Public Health. Moi University

2018: Served as an external Examiner for Mt Kenya University Thesis on Assessment of Community Vulnerability to Tuberculosis Infection in Machakos County by Agnes K Mutinda Reg No. MKU/PhD/110/03694

2020: Served as an external Examiner for Maseno University . Examined Thesis entitled Report of Thesis: ‘Characteristics of injuries among Children Aged 10-14 Years Attending Public Primary Schools in Kisumu Municipality, Kenya by Nyangahu Nyaboke Drusilla, PG/MPH/014

2014: Served as an external Examiner for The University of Newcastle. Examined a Thesis entitled “Maternal and Neonatal Mortality in Moi Teaching and Referral Hospital in Kenya by Faith Yego

11.3 Invited to a conference as a guest speaker

Guestspeaker at Hers workshop in South Africa

12.0 COMMUNITY OUTREACH

Member of Nyansiongo self-help group involved in mobilization of communities to participate in protection of spring water for household use

Member of Bungoma road self help group Kahawa Sukari entrusted with improvement of infrastructure and security.

October 2011: Donated 120 Books on Integrating HIV/AIDS and sexual and Reproductive Health: Policy implications to United States International University (USIU)

13.0 ACADEMIC LEADERSHIP

14.1 Development of teaching/Academic programmes in department Initiated and implemented the following programmes

- Bsc (environmental Health- first intake September 2003
- Bsc (Population Health) - first intake September 2008
- Master of Public Health (Reproductive health option)- first intake September 2008

13.1 Developing a curriculum external to Kenyatta University

2011. Participated in development of Bsc Community Health. Department of Health and Environmental Sciences, Faculty of Applied and Health Sciences. Technical university of Mombasa

2011 Participated in the Development of Curriculum in Bsc Community Health, Department of Public Health School of Health Sciences

2009: Participated in the development of BSc in Community Health Curriculum for AMREF Training programme held between 25-27 August 2009 at AMREF Head quarters

2009: Participated in the Development of Professional Under-graduate Medical Education Curriculum for Aga Khan University. Organized by the Faculty of Health Sciences at Lord Errol Restaurant 21-22 August 2009

14.1 Initiating /leading research project

2022: **Access and Utilization of Youth Friendly Reproductive and Sexual Health Services in Kenya. A study that is being done collaboratively with** Ohio University, College of Health Sciences and Professions, Department of Social and Public health

2021: Landscape Assessment of Trends and Status of Obstetric Fistula Management in Kenya

between 2010-2020

2019: Care givers' Satisfaction Level on the Quality of Care provided during Immunization in Public Health Facilities

2012 Effectiveness of Male Circumcision Programme in HIV infection Risk reduction among Men in Mbita, South Western Kenya.

2010. Efficacy of Community-Based Health Care in Kenya: An Evaluation of AMREF's 30 years in Kibwezi. Submitted to African Medical Research and Foundation. Nairobi Associate consultant

15.1 Contribution to University Advancement

15.2 Membership of professional Bodies

- November 2008 Member African Academy of environmental Health

16.0 Participation in consultancies and Research

2021: HORIZON-HLTH-2021-DISEASE-04-03: Innovative approaches to enhance poverty related diseases research in sub-Saharan Africa in collaboration with **KU LEUVEN in Belgium to be submitted to the Horizon Europe Framework Programme under the call [Tackling diseases \(2021\) \(HORIZON-HLTH-2021-DISEASE-04\)](#)**

2021: Combating Neglected zoonotic diseases in Kenya. A health Systems Approach. Collaborative research proposal between Kenyatta and Surrey University (UK), Submitted to National Institute of Health Research under Global Policy and Systems research

2020: Promoting Health Literacy research and Practice in SSA (ProSA). Submitted to the Global Health at the Center of Research of the German Federal Ministry of Education and Research

2017: Empowerment of youth through Innovations and technologies for Sustainable Aquaculture for enhanced Food, Nutrition Security in East Africa

2015: Tracer Study of Graduates from the Partnership for Health Systems Strengthening in Africa (PHSSA) Programme

2013 : Review of Population Health Curriculum, sponsored under the prime project, School of medicine, Kenyatta University 2012: Implementing Community Based Health Care in a Marginalised Community in Kenya: An Evaluation of AMREF's 30 years in Kibwezi

2014: Mobilizing for improved Maternal and Neonatal Health through Birth Spacing and Advocacy (MOMENT) Project Baseline Survey

2014: Climate change adaptation through use of innovative technologies in aquaculture

2014: Institutionalization of Evidence-Based Planning for the eMTCT in six Counties

2010: Status of Gender Equality in Environmental Health Courses and Research in Southern

and Eastern Africa

2010: Capacity of women groups in Environmental Conservation in the Lake Victoria Region

2009: Development a generic curriculum for Environmental health training in Eastern and Southern African region sponsored by DFID