

## ACADEMIC STAFF PROFESSIONAL PROFILE FORM

### 1. Personal Data

<b>Name:</b> Prof. Margaret Nyanchoka Keraka (Ph.D)
<b>Title/Qualifications:</b> Associate Professor
<b>Department:</b> Population Reproductive Health and Community Resource Management
<b>School:</b> Public Health and Applied Human Sciences
<b>Contact Address:</b> 43844, Nairobi
<b>Position:</b> Dean of School of Public Health and Applied Human Sciences
<b>Area of Specialization:</b> Medical Demography and Public Health
<b>Research Interests:</b> Reproductive and Population Health, Child Health and Environmental Health

### 2. Conference Presentations

S/No	Presenter	Title of Paper presented	City/Country	Date of Conference	Funding (US\$)
1	Keraka M.N.	Gender Equity in institutions offering Environmental Health Programmes in Africa.	Accra, Ghana	6 <sup>th</sup> October 2011	
2	Keraka M.N and Kabiru E.	Public Health Service Delivery: Challenges in Kenya	Jerusalem, Israel	February 16, 2010	
3	Keraka, M.N.	Generic curriculum for improving Training in Environmental Health in Africa	Lilongwe, Malawi	24 <sup>th</sup> -27 <sup>th</sup> May 2010	

### 3. Research and Funded projects

S/ No	Researcher	Year	Title	Granting Body	Funding (US\$)
1	Ochieng O., Keraka,	2014	Institutionalization of	Unicef	\$ 60,000

	M.N., Mwanzo, I, Kabiru E		Evidence- Based Planning for the eMTCT in six Counties		
2	Ochieng O., Keraka, M.N.,	2014	Mobilizing for improved Maternal and Neonatal Health through Birth Spacing and Advocacy (MOMENT) Project Baseline Survey	World Vision	\$ 8000
3	Keraka, M.N Kahiga T.	2013	Market survey for - Review of Population Health Curriculum, sponsored under the prime project, School of medicine, Kenyatta University		\$ 6,600

#### 4. Publications

S/ N o.	Author	Year	Title	Journal	ISBN/ISSN Reference No.
1	Nyamari J.,	2014	Effectiveness of	<i>Elite Research</i>	Vol. 1(1) pp. 12 –

	Mugendi B, Keraka M. and D. Agwata		Food Safety Training on Food Safety Knowledge and Practices of Hospital Food Handlers in Selected Hospitals in Kenya	<i>Journal of Food Science and Nutrition</i>	21.
2	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.	<i>The African Journal of Health Sciences</i>	Afr J Health Sci. 2012; 22:201-213
3	Osero J.S, Margaret N. Keraka, Syprine A. and Otieno M	2012	Health consequences of sexual violence among survivors in selected hospitals in Kenya.	<i>Asian journal of Pharmaceutic al and Health Sciences.</i>	Asian J. Pharm.Hea.Sci./July- sep 2012 Vol.2 Issue 3
4	Josephat Nyagero, Roslyn Gakure, Margaret Keraka, Peter Wanzala.	2012	Health insurance education strategies for increasing the insured among older population – a quasi experimental study in rural Kenya.	<i>The Pan African Medical Journal.</i>	Vol 12:9
5	Akunga, D.N.	2011	<i>Burden of Childhood</i>	<i>Book</i>	VDM Verlag Dr. Muller e.K Germany

	Keraka, M.N. and Anyango, O.		<i>Diarrhea from Water Sanitation and Hygiene. The case of Nairobi City Kenya.</i>		
6	Mutare, 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.	<i>Biomed Central Public Health journal</i>	3011, 11:696 <a href="http://www.biomedcentral.com/1471-2458/11/696">http://www.biomedcentral.com/1471-2458/11/696</a>
7	Keraka M.N. and RR. Sharma	2010	Utilization of Insecticide Treated Nets among Pregnant women in Thika Distict..	<i>International Journal devoted to Nature, Environment and Natural Resource Conservation</i>	Vol 22. No. 2 pp 189-195
8	Kibua N.T; Muia D.M and Keraka, M..	2010	<i>Efficacy of Community-Based Health Care in Kenya: An Evaluation of AMREF's 30 years in Kibwezi.</i>	<i>Book</i>	The African Medical Research and Foundation. Nairobi
9	Keraka N. and Susan Morrell. (ed)	2009	<i>Integrating HIV/AIDS and Sexual and reproductive health: Policy implications.</i>	<i>Book</i>	English Press, Nairobi
10	Keraka M. and W.	2009	Factors Influencing	<i>Journal of Discovery and</i>	Volume 21 No 1 and 2 ISSN 1015-097X

	Serem. 2009		Fertility Choices Among HIV-Infected Mothers in Uasin Gishu District, Kenya. In the African Academy of Sciences Publishers, Nairobi	<i>Innovation</i>	
11	Kirimi F., Otieno ., Keraka .N And Sharma R.	2008	Factors influencing implementation of public health standards in selected City Council markets in Nairobi Kenya in the	<i>International Journal of pure and applied Science</i>	Vol 1 No. 4 Pg. 117-122

#### 5. Consultancy and community service

S/No.	Consultant (s)	Consulting Person/ Body/ Organization	Year	Title Consultancy Service	Payment (US\$)
1	KERAKA M.N	AMREF	2014-2015	Tracer study of graduates from the partnership for health systems strengthening in africa (phssa) programme use	
2	KERAKA M.N	AMREF	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	

**6. Affiliation to Professional Bodies**

S/No	Name of professional body
1	International Federation of Environmental Health
2	African Academy of Environmental Health
3	Public Health Society of Kenya

**7. National and International awards and Recognitions**

S/No	Name of award or Recognition	Awarding Organization/Body	Year
1	Currently an elected member of the Executive committee of the Africa Academy for Environmental Health (AAEH) coordinated from South Africa	African Academy of Environmental Health	2011 to date

**8. External Examination (if any)**

S/No	Institution	Year
1	Makerere University	2015
2	Technical University of Mombasa	2014
3	Moi University	2014
4	Jomo Kenyatta University	2013
5	Mt Kenya university	2012

**9. Supervision of postgraduate students (if any) PH.D Theses**

S/No	Name of	Thesis title	Status of
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	student		project(e.g. First year etc)
1	Priscilla N. Kabue	Implementation of Hospital strategy on Utilization of maternal services among postnatal mothers in Nairobi and Thika Districts.	Graduated
2	Mutabazi Michel.	Adherence and Treatment outcomes among patients with Co-morbidity of depression and other mental Disorders attending Psyhatric Hospitals in Rwanda.	Graduated
3	Jackim Nyamari.	Enhancing Compliance to food safety practices amongst Food handlers in Selected Hospitals in Nairobi County.	Graduated
4	Osero Justus O.S.	Prevalence and health implications of sexual Based violence among survivors in selected provinces in Kenya.	Graduated
5	Nyagero Josephat.	Predictors and Intervention Model for Increased Health Insurance Coverage among Elderly Population in Rural Kenya	Graduated
6	Akunga Daniel	Disease Burden Associated with faecal-oral pathogens attributable to water, sanitation and hygiene among children in Nairobi.	Graduated
7	Njogu Eunice Wambui	Enhancing farming practices for improved household food and nutrition security in Kamae, a Peri-urban area, Nairobi	Graduated

#### 11. Supervision of postgraduate students (if any) Masters Theses

S/No	Name of student	Thesis title	Status of project(e.g. First year etc)
1	Aliongo Raymond Mukhongo	Unmet need for Family Planning among Women of Reproductive age Living in Makadara Division, Nairobi County, Kenya	Graduated
2	Martim V. Chepchichir	Occurrence and management of Puerperal Sepsis amongst women of Reproductive Age (15-49) attending two Hospitals in Nandi county, Kenya.	Graduated
3	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.	Graduated
4	Daniel Kinyua M'Mauta	Assessment of Knowledge, attitude and use of insecticide treated nets among students in boarding Secondary schools in Igembe District, Kenya.	Graduated

5	Mukunyi Elphas Gitonga	Birth Preparedness Among Women in Tharaka Nithi County Kenya	Graduated
6	Nderitu Monica	Prevention and Control of Diarrhoea among under-fives in Kebera and Mukuru Informal Settlements in Nairobi Using WASH Interventions	Graduated
7	Kennedy Wafula	Occupational Risks factors contributing to Injury by medical Sharps among health workers at Kenyatta National Hospital, Nairobi Kenya	Graduated
8	Frank Mwangemi	HIV Management and quality of life outcomes among Nuru ya Jamii Project Clients attending Nakuru PGH	Graduated
9	Ephantus Maree	Factors influencing Uptake of Voluntary Counselling and HIV Testing Services by Government Health Workers in Central province Kenya	Graduated
10	Peter Gitu	Factors Influencing Non-Adherence to Anti-retroviral Therapy and Coptic Health HIV/AIDS Clinics in Nairobi Province, Kenya	Graduated
11	Osiemo S Angwenyi	Factors influencing Adherence and Satisfaction with Quality of Anti-retroviral Therapy and Care services in Kisii District, Kenya	
12	Talam Chemutai	Factors contributing to Oral Contraceptive User Failure among Clients attending antenatal Clinics in Eldoret Municipality, Uasin Gishu County, Kenya	Graduated
13	Ngara J Ochieng	Effect of Health Education and Hygiene on Blood Lead Levels among Lead Battery Workers in Nairobi and Athi River, Kenya	Graduated
14	Rahab W. Munene	Levels of Aflatoxins in Human Breast milk and Household Maize, the Case of Mothers attending MCH Makindu Hopsital Makueni	Graduated
15	Ndiira Mwendwa	Factors affecting Utilization of Youth Friendly Voluntary Counseling and Testing services among Youth attending Day Public Secondary schools in Nairobi, Kenya	Graduated
16	Catherine Mwangi	An Assessment of Infant Feeding Options among HIV Positive Women Attending Comprehensive care Clinic at Kiambu District Hospital, Kenya	Graduated
17	Jane Waithieni Kingori	.Factors influencing the implementation of HIV/AIDS education in primary schools, Nairobi.	Graduated
18	Wameu Esther Nzilani	Household related factors influencing Child mortality levels in Kilifi District	Graduated
	Elizabeth Macharia	Relationship between Infant Feeding Mode with Acute Respiratory and Gastro-intestinal Infections among Children attending Naivasha District Hospital.	Graduated



19	George W. Onyango Dianga	Effects of Safety and Health Training on accidents/injuries Reduction among Workers in Chemical Processing Factories in Nairobi.	Graduated
20	Muchemi Sabina Muthoni	Factors Associated with Occupational Allergic Conjunctivitis among School Teachers in Bahati Division, Nakuru North District, Kenya	Graduated
21	Khasewa Joab	Barriers to Utilization of Provider initiated HIV counseling and Testing Services among Tuberculosis patients. A case of Rhodes Chest Clinic, Nairobi	Graduated
22	Kibiru Andrew Benjamin	Risk Factors Influencing Typhoid fever occurrence among the adults in Maina Slum, Nyahururu Municipality, Kenya	Graduated
23	Agnes Mwatu	Health Hazards associated with Spray Painting among Workers in Small Scale Auto Garages in Embakasi Division, Nairobi Kenya	Graduated
24	Karani Lizbeth Kageni.	Diarrhea Morbidity and Nutritional Status among Pre-school Children of Hawking Mothers in Nairobi City Markets	Graduated
25	Irene Jebet Cheruiyot	Factors influencing Utilization of Voluntary Counseling and Testing Services among Out-of-School Youth in Nakuru North District, Kenya	Graduated
26	Allan Logendo	Effectiveness of social support systems on antiretroviral drug adherence among HIV/AIDS patients attending HIV/AIDS clinic at Kisii Provincial General Hospital.	Graduated
27	Owiti Jacob Onyango	Psychosocial and demographic factors affecting Utilization of Voluntary Counseling and Testing Services among Secondary School Teachers in Nyando District Kenya.	Graduated
28	ROP Jepkosgei Julie	Risk Factors associated with morbidity status of preschool children in Mukuru Slums, Nairobi Kenya.	Graduated
29	Sheillah N.E Simiyu	Effect of water, Sanitation and health education interventions on diarrheal morbidity among children in Mandera district, Kenya	Graduated
30	Segecha C. Shirley	Etiology of Diarrhoea in children under 5 years in Mbagathi District Hospital, Nairobi province	Graduated
31	Jennifer Mwangi	Determinants of inter-uterine contraceptive devices use and decline among family planning seekers in Nairobi, Kenya	Graduated
32	Bernard Muture	Factors associated with default from treatment among tuberculosis patients in Nairobi Province, Kenya.	Graduated
33	Caroline Nginda	HIV/AIDS risk factors and its impact on productivity among workers in Tea plantations in Limuru Division Kenya	Graduated
34	Mary	Socio-cultural and Psychological factors associated	Graduated

	Muthoni Kibui	with alcohol use among students and its effects on performance and health	
35	Lucy Anne Wanjiru	Effects of integrating comprehensive HIV/AIDS care into reproductive health services offered in Nairobi West and Thika family care clinics	Graduated
36	Redempta Mutisya	Factors Associated with Delay in Health seeking treatment among Pulmonary Tuberculosis Patients in Kibwezi District, Kenya	Graduated
37	Marita Enock	Determinants of HIV-VCT Utilization among secondary school teachers in Thika District	Graduated
38	Veronica Mukuhi	An investigation of water and sanitation risk factors associated with childhood diarrheal morbidity in Kibera.	Graduated
39	Serem Wycliffe	Determinants of fertility preferences among HIV infected mothers in Uasin Gishu District, Kenya.	Graduated
40	Florence K. Kirimi	Factors that determine implementation of Public Health Standards in selected City Council Markets in Nairobi.	Graduated
41	Ochieng Carolyne	Influence of indoor pollution from bio-fuels on respiratory health of workers in food catering enterprises in Nairobi.	Graduated

#### 11. Patents (if any)

S/No	

#### 12. Administrative positions held to date

S/No	
1	2018 to Date: Dean School of Public Health and Applied Human Sciences, Kenyatta University
2	2016 to 2018: Chairman, Department of Population and Reproductive Health, School of Public Health, Kenyatta University
3	12 <sup>th</sup> July 2013 to date: Chairman, School Research Grants Allocation Committee, School of Public Health
4	2011to 2016: Chairman, Department of Environmental and Population Health, School of Public Health, Kenyatta University
5	2009 -2011: Coordinator, Practicum, Attachment, Department of Public Health
6	2009 to 2011 - Coordinator Research project, Public Health Department, Kenyatta University
7	2009 to 2011 - Academic advisor, Department of Public Health
8	2009: Secretary, Restructuring of Programmes Committee, Department of Health Sciences
9	2003-2004:Coordinator, Open Learning Programme, Department of Environmental Sciences
10	2003: Convener Department of Environmental Health, School of Pure and Applied Sciences, Kenyatta University

