

## CURRICULUM VITAE



### 1: PERSONAL INFORMATION:

**NAME:** KABIRU, PROF. EPHANTUS WANJOHI

**DESIGNATION:** Professor of Medical Parasitology

**OTHER INTERESTS:** Community Health

**ADDRESS:** **School of Public Health**  
Kenyatta University  
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**NATIONALITY:** Kenyan

**GENDER:** Male

**DATE OF BIRTH:** Oct 1949

### 2: QUALIFICATION:

**2.1 Academic Qualifications:**

1995: **PHD** (Medical Parasitology), University of Nairobi, Kenya.

1983: **MSc** (Medical Parasitology), Uni. of Missouri, Columbia, USA

1981: **BSc** (Health Sciences), Uni. Missouri, Columbia, USA

**2.2 Other Courses:**

1975: Higher National Diploma in Med Lab Sci., Uni. of Nairobi, Kenya.

1978: Certificate in Teaching Methodology, World Health Organization,

Lagos, Nigeria.

1985: Certificate in Environmental Management in Malaria Control – Malaria Training Centre – Phrabudhabat, Thailand.

1985: Certificate in Planning Malaria Control Projects – Malaria Training Center – Rome, Italy

### **3: EMPLOYMENT HISTORY:**

**Jun 2015 to Date:** Full Professor, School of Public Health, KU

**July 2011 Jun 2015:** Associate Professor, School of Public Health, KU

**May 2005 to July 2011:** Senior Lecturer, later Associate Prof., Dept of Pathology, KU

**April 2005:** Senior Lecturer, Department of Health Sciences, KU

**May 1996 to Mar 2005:** Senior Lecturer, Department of Zoology, KU

**Jan 1985 to May 1996:** Senior Parasitologist, DVBD, Ministry of Health, Kenya

**June 1977 to Dec 1984:** Senior Lecturer, Medical Training College, MOH, Kenya

**June 1971 to Jun 1977:** Parasitologist, National Public Health Laboratory Services, Ministry of Health, Kenya.

### **4: ADMINISTRATIVE RESPONSIBILITY**

#### **4.1: At Kenyatta University:**

**July 2011 to date:** Ag Dean, School of Public Health

**May 2005 to July 2011:** Chairman, Department of Pathology

#### **4.2: At Other Institutions:**

**Apr 1992 to Aug 1995:** Manager, National Malaria Control Program, Kenya

**Jan 1985 to Apr 1992:** Co-ordinator, Malaria & Intestinal parasitoses, DVBD

**Jun 1977 to Dec 1984:** Head of Parasitology Division, Med Tr College, MOH

### **5: FELLOWSHIPS:**

**1982: African Graduate Program:** MSc degree Scholarship (African-American Inst)

**1991: WHO/TDR:** Doctor of Philosophy degree Scholarship

## 6: POSTGRADUATE SUPERVISION

### 6.1: PhD supervision [Completed]

<i>S/N o.</i>	<i>Year</i>	<i>Name &amp; Reg. No.</i>	<i>Title</i>	<i>Degree Awarded</i>
1.	2004	Bernard Acheru Okech	Factors Affecting the Infectivity and Early Sporogonic Development of <i>Plasmodium falciparum</i> in the Malaria Vector, <i>Anopheles gambiae S.S.</i>	Ph.D
2.	2004	Davis Wacheru Wachira	Spatial and Temporal Distribution of Malaria Vectors and Malaria Transmission Risk in Bondo District, Kenya.	Ph.D
3.	2005	Lucy Muthoni Kamau	Isolation, Recombinant Expression and Characterization of Polymorphism of BM86 Vaccine Antigen Homologues from <i>Rhipicephalus appendiculatus</i> .	Ph.D
4.	2006	Mwangangi Joseph Mumo	<i>Anopheles</i> Larval Productivity and Diversity in Mwea Irrigation Scheme, Kirinyaga District, Kenya	Ph.D
5.	2007	Macharia Jacinta Mary Wachui Reg. No. 184/7017/2002	A Study of Conventional and Competency-Based Methods Used in Training Kenyan Nurses on the Management of Obstetric Emergencies.	Ph.D
6.	2007	Hortance Manda Reg. No. 184/7037/2003	Plant-Feeding Behaviour and Its Effects on the Fitness and Competence of the Malaria Vector <i>Anopheles gambiae</i> (Diptera: Culicidae)	Ph.D
7.	2008	Warkach Kipkorir Tonui Reg. No. N85/5008/04	Environmental Determinants of Patterns and Trends of the Occurrence of Unstable Malaria in Kericho District, Kenya	Ph.D
8.	2008	Margaret Njambi Chege Reg. KA-1249 (American World University)	A Comparative Study of the Skillslab and Traditional Methods of Training the Nurse: Case of Registered Community Health Nurse Graduates, Kenya	Ph.D
9.	2008	Francis M. Mutuku Reg. No. 184/15241/05	Predicting Productive Larval Habitats for <i>Anopheles gambiae</i> in Lowland Western Kenya	Ph.D
10.	2010	Mwaniki P. Kabanya Reg. No. 184/15165/04	Influence of Child Care Practices on Malaria Severity in Children Under Five Years of Age in Mbeere District of Eastern Province, Kenya	Ph.D
11.	2010	Lucy Wanjiku Muhia Ndahi (JKUAT)	Dietary Practices and Nutritional Status Among People Living with HIV/AIDS Attending Selected Comprehensive Care Clinics in Thika District, Kenya.	Ph.D
12.	2010	Peter Odada Sumba Reg. No. 184/15301/05	Human Dietary Selenium Deficiency as a Risk Factor in the Pathogenesis of Endemic Burkitt's Lymphoma in Nyanza.	Ph.D
13.	2011	Muiruri Samuel Kinyanjui Reg. No. 184/10733/2006	Transmission Dynamics of Human Rift Valley Fever Virus in Ijara District, Garissa County, Kenya.	Ph.D
14.	2012	Nzomo Mwita Reg. No. H87/10897/2006	Availability, Utilization and Appropriateness of the Mechanisms for Monitoring and Evaluating Continuing Professional Development at Middle Level Health	Ph.D

			Training Institutions in Kenya	
15.	2013	Kagai Jim Mwaniki Reg. No. 184/15999/06	The Inference of Immunochromatographic Test, Microscopy and Polymerase Chain Reaction in Diagnosis of Lymphatic Filariasis in Tana Delta, Kenya.	Ph.D
16.	2013	Mutinda Agnes Kasusu Reg. No. MKU/Ph.D/110/03694 (Mt. Kenya University)	Assessment of Community Vulnerability of Tuberculosis in Machakos County, Kenya	Ph.D
17.	2013	Wilfred Emonyi Injera Reg. no. 184/7728/2002	Elicitation of Anti-Mosquito Immune Responses in Balb C mice immunized with Plasmids containing <i>Anopheles gambiae</i> Mucin 1 (AgMUC1), GM-CSF and IL2 genes.	PhD
18.	2013	Geoffrey Kariuki Kinuthia Reg. no. 184/15304/2005	Efficacy of Crude Extracts from <i>Allium sativa</i> , <i>Callistemon citrinus</i> and <i>Moringa stenopetara</i> of Kenya against <i>Leishmania major</i> .	PhD
19	2014	Samwel Boaz Otieno. Reg no. P97/13131/2009	The effects of selenium intake in progression of asymptomatic HIV type 1 infected children in Nyamasaria Sub-County, Kisumu, Kenya.	PhD
20	2015	Kange'ethe Stanley Kamwati. Reg no. P97/13216/2009	Anti-microbial resistant genes from children aged below 5 years presenting with diarrhea at Thika Hospital, Kiambu County, Kenya.	PhD
21	2015	Wanyoro Antony Karanja Reg no. P97/26013/2011	Use of mobile phone short messages to enhance uptake of cancer screening in Thika Hospital, Kiambu County, Kenya.	PhD

## 6.2: Masters degree supervision [Completed]

<i>S/No.</i>	<i>Year Grad.</i>	<i>Name &amp; Reg. No.</i>	<i>Title</i>	<i>Degree Awarded</i>
1.	1996	Davis W. Wachira	A Comparative Study of Malaria Parasite Prevalence in Pregnant Women in Hyperendemic and Mesoendemic Areas of Kenya	M.Sc
2.	1998	Mohamed Aden Ali	Identification and Molecular Characterization of Membrane Antigen gene(s) of <i>Schistosoma haematobium</i>	M.Sc
3.	2000	Wanga Christopher H. O.	A Cross Sectional Study on Knowledge, Attitude and Practice of Healthy Reproductive Habits and Contraceptive Use Among University Students in	MPHE

			Nairobi	
4.	2001	Robert Kamugi Maina	Family Planning Knowledge, Perception and Practice Amongst Married Male Factory Workers in Thika Town, Kenya	MPHE
5.	2001	Margaret Njambi Chege Reg. No. 156/8689/99	A Study of How Commercial Sex Workers Care for and Arrange for Future Support to their Children: Case of Kibera, Nairobi	MPHE
6.	2002	Njau Mungai (UoN)	A Study of Gastrointestinal Protozoa Parasites Among Admitted Adult Medical Patients with Diarrhoea at Kenyatta National Hospital	M.Med
7.	2002	Mwangangi Joseph Mumo	The Influence of Nutritional Status of a Larval Habitat on the Body Size of <i>Anopheles</i> Mosquito	M.Sc
8.	2004	Muiruri Samuel K.	Determination of Predator Feeding Preference on Immature Stages of <i>Anopheles</i> Mosquitoes	M.Sc
9.	2004	Francis Maluki Mutuku	Human Activities as a Contributory Factor in the Creation of Larval Habitats for <i>Anopheles Gambiae</i> in Kisian, Western Kenya	MPHE
10.	2004	Muturi Juma Ephantus	Prevalence of Concomitant Infections of <i>Plasmodium Falciparum</i> and <i>Wuchereria Bancrofti</i> in Mosquito and Human Populations in Malindi, Kenya	M.Sc
11.	2005	Kung'u Margaret Wairimu	Factors that Influence the Practice of Mothers Towards Geohelminthic Infections Controls in Kibera, Nairobi Kenya	MPHE
12.	2005	Mando Kenneth Maina Reg. No. 157/7182/2001	Perception of HIV/AIDS by Primary School Pupils in Thika Municipality, Thika District, Kenya	MPHE
13.	2005	Wachira Mary Njoki	Utilization of Voluntary Counseling and Testing Services Among University Students: A Case Study of Nairobi, Kenya	MPHE
14.	2005	Joshua Gitonga M'Imaita Reg. No. 157/7524/2002	Influence of Mass Media on Adolescents' Expression of Sexuality and Sexual Behaviour in Nairobi Province, Kenya	MPHE
15.	2005	Murerwa Joyce Mukiri Reg. No. 157/7557/2002	Use of Family Planning Methods Among Women of Child-Bearing Age: A Case Study of Kibera Slum, Nairobi Province, Kenya.	MPHE
16.	2005	Benear Apollo Obanda	Evolutionary Relationship between <i>Trypanosoma Evansi</i> and <i>Trypanosoma brucei</i> with respect to Specific Mitochondrial Antigen and Phenotype Knockout Analysis	M.Sc
17.	2005	Judy Wairimu Mugo Reg. No. 157/7765/2002	The Usage of Non-Prescription Drugs by the Residents of Nairobi City, Kenya	MPHE
18.	2005	Gikonyo Mercy Wairimu Reg. No. 157/7211/2001	Drug Abusers and Parental Knowledge on Factors Predisposing the Youth to Drugs and Substance Abuse in Nairobi Province, Kenya	MPHE
19.	2005	Njagi Rodaly Muthoni Reg. No. 156/7395/2002	The Use of Self-Protective Measures Against the Malaria Vectors in Kitui District – Kenya	M.Sc
20.	2006	Nderitu Joseph Matemo	Prevalence and Micro-Epidemiological Factors	M.Sc

			Affecting Transmission of Intestinal Helminthic Infections in Kapkangani Location, Nandi District, Kenya	
21.	2006	Jayne Kirigo Njoroge	Application of Integrated Management of Childhood Illness Guidelines by Health Care Providers in Mbeere District, Kenya	MPHE
22.	2006	Naomi Njeri Mungai Reg. No. 157/7498/2002	Demographic Characteristics and Home Based Care Services for People Living with HIV/AIDS: A Case Study of Thika Municipality, Kenya	MPHE
23.	2007	Kiliku Francis B. Muinde Reg. No. 156/7232/2001	The Influence of Praziquantel Treatment on Schistosomiasis Among School Going Children in Kwale District, Coastal Kenya	M.Sc
24.	2007	Sammy Kagoiyo Njeru Reg. No. 157/7727/2002	Factors Influencing Routine Immunization Coverage Among Children in Nyeri District, Kenya	MPHE
25.	2007	Elizabeth Wanjiru Mwaniki Reg. No. 157/7388/2002	Nutritional Status of Orphans in Selected Orphanages Within Nairobi Province, Kenya.	MPHE
26.	2007	Peter Mathenge Githigaro Reg. No. 156/7233/2001	Consistency of Stools as an Indicator of Type of Intestinal Parasites Harboured by Patients with Abdominal Pain at Kenyatta National Hospital, Nairobi Kenya	M.Sc
27.	2008	Warutere Peterson Njogu Reg. No. 157/0229/03	Prevalence of Accidental Injuries Incurred in High Schools in Kieni West Division, Nyeri North District, Kenya	MPHE
28.	2008	David K. Gitau Reg. No. 157/CM/0312/2004	Access and Quality of Services in the Prevention of Mother to Child Transmission of HIV in Public Health Institutions in Thika District, Kenya	MPH
29.	2008	Nyarango Morerwa Robert Reg. No. 156/7452/02	The Risk of Intestinal Parasitic Infections in Kisii Municipality, Kenya	M.Sc
30.	2009	Mary Marcellin Wanjiku Maina Reg. No. 157/6573/2003	Utilization of Antenatal Tetenus Toxoid Immunization Services Among Women in Bahati Division, Nakuru District, Kenya	MPH
31.	2009	Josphine N. Wahogo Reg. No. 157/5760/2003	Isolation of Recurrent <i>Mycobacterium</i> Isolates From Sputum Smear Negative Relapse at the Central Reference Tuberculosis Laboratory in Nairobi, Kenya.	MPH
32.	2009	David Masinde Reg. No. 157/CE/12191/04	Factors Enhancing Vulnerability to HIV and AIDS to Residents of Central Division, Moyale District, Kenya	MPH
33.	2009	Jennifer Wanjiru Mwangi Reg. No. 157/11344/04	Determinants of Intrauterine Contraceptive Devices Use and Decline Among Family Planning Seekers in Nairobi, Kenya.	MPH
34.	2009	Kagendo Jane Francis Reg. No. 157/0075/03	The Role of Traditional Birth Attendants' Training in Prevention of Mother to Child HIV Transmission Programme in Tharaka District, Kenya.	MPHE
35.	2009	Hezron Muiru Wimbua Reg. No. 157/5675/2003	Determination of Validity for Laboratory Tests in Malaria Diagnosis Among Febrile Children in Oltepesi, Kajiado District	MPH
36.	2009	Jonathan Njogu Mwangi Reg. No. 157/6578/2003	Factors Influencing Prevention of Mother to Child HIV Transmission Program in Nakuru District, Kenya.	MPH

37.	2010	Benedict M. Mwenji Reg. No. 157/5016/2003	The Influence of Intestinal Parasites on Academic Performance Among Primary School Children in Nairobi Province, Kenya	MPH
38.	2010	James Njogu Kanyora Reg. No. 157/5670/2003	Factors Contributing to Patients Bypassing the 2 <sup>nd</sup> and 3 <sup>rd</sup> Levels of Primary Health Care Facilities in Kirinyaga District, Kenya	MPHE
39.	2010	Fayo Galgalo Habane Reg. No. 157/11043/04	Community Indigenous Knowledge and Its Role on Prediction of Natural Disasters of Public Health Importance: A Case of Central Division of Isiolo District, Kenya	MPH
40.	2011	Maina N. Simon Reg. No. 157/12686/05	Evaluation of Bacteriological Quality of Aircraft Food at the Jomo Kenyatta International Airport, Nairobi, Kenya.	MPH
41.	2012	Kamau Paul Njuguna Reg. No. 156/11497/2004	Prevalence of Intestinal Parasites Among Medically Certified Food-Handlers in Nairobi, Kenya.	M.Sc
42.	2012	Tallam Edna Chemutai Reg. No. 157/CE/12180/04	Factors Contributing to Oral Contraceptive User Failure Among Clients Attending Antenatal Clinics in Eldoret Municipality, Uasin Gishu County, Kenya.	MPH
43.	2012	Jeremiah Mutiso Kasungi Reg. No. 157/6570/03	Factors Associated with the Occurrence of Aflatoxin Poisoning Outbreaks in Kibwezi Division of Makueni County – Kenya	MPHE
44.	2013	Florence W Maina Reg No. 157/7167/2001	Factors Influencing Choice and use of Contraceptive Methods among Women in Kibera Slum, Nairobi, Kenya.	MPH & E
45.	2013	Bernard Wambua Kamuti Reg No. 157/7521/2002	Perceptions and Health Seeking Practices of Guardians of Young Children towards Chronic Suppurative Otitis Media in Machakos County. Kenya.	MPH & E
46.	2013	Kamau Anne Njeri Reg no. 157/5683/2003	Assessment of Mothers' Compliance with National Infant and Young Children Feeding Recommendations Amongst Children aged 0 – 24 Months in Nakuru Municipality, Kenya.	MPH & E
47.	2015	Annastacia Kumola Reg no. P139/20118/2010	Postnatal care practices of the newborn among mothers in Garrisa Sub-County, Kenya.	MPH
48.	2015	Mwangi Hiuhu Reg no. P57/23618/2011	Utilization of visual inspection screening method of cervical cancer in Kitui Central Sub-County, Kenya	MPH (M&E)
49.	2015	Njoki Mbugua Leah Reg no. P57/CTY/PT/23679/2011	Access to sexual and reproductive health services by adolescent girls among pastoral community in Narok County, Kenya.	MPH

## **7: CONFERENCES/SEMINARS/WORKSHOPS.**

### **7.1: Participation in Workshop/Conferences/Seminars:**

**Apr 2008:** Public Procurement Workshop, KU Nairobi, Kenya.

- Jun 2008:** Pre-Service Curriculum Review Workshop for Medical Laboratory Technologists, Mombasa, Kenya.
- Jul 2008:** Amaranth Project Initiation Workshop, KU Nairobi Kenya.
- Aug 2008:** Participation in Curriculum Vitae Writing Skills and Interviews Course – LMA008, KU, Nairobi Kenya.
- Feb 2009:** Workshop on Management of University Departments /Schools / Directorates KU, Nairobi, Kenya.
- Sep 2009:** Public health Emergency Preparedness and Response, JKUAT/UWIC/HPA Nairobi, Kenya.
- Dec 2009:** Critical Interactions between Global Fund supported Programs and Health Systems, Accra, Ghana.
- Feb 2010:** Health in Africa, Hebrew University, Jerusalem.
- Mar 2010:** Skills Building Workshop for the Department of Public Health, Nakuru, Kenya.
- Aug 2010:** Corporate Governance Training Course for KU Council, Msa, Kenya.
- Nov 2010:** Curriculum and Training Module on the Community-Direct Intervention (CDI) Strategy for Faculties of Medicine, Health Sciences and Nursing Schools, KU Nairobi, Kenya.
- Feb 2011:** Affordable Medicines Facility-Malaria (AMFm) Silver Springs Hotel Nairobi, Kenya.
- Aug 2011:** Fast Tracking Acquisition of PHDs by Non PHD Lecturers, (RRI) KU Nairobi, Kenya.
- Mar 2012:** East African Legislative Assembly, KU, Nairobi.
- Mar 2012:** Program for NSF – Sponsored Work Sessions at Kenyatta University.
- Apr 2012:** Enhancing Effectiveness, Efficiency and Social Sustainability, Nairobi Kenya.
- Aug 2012:** Bio-safety Sensitization Workshop Organized by KUIBC, KU Nairobi, Kenya.



- Aug 2012:** Efficiency and Effectiveness of the Kenya national HIV & AIDS Programs, Nairobi, Kenya.
- Sep 2012:** Introduction to STATA and Qualitative Research, KU, Nairobi, Kenya.
- Nov 2012:** Capacity Building workshop for OVS, Kenyatta University, Kenya
- Mar 2013:** Global Colloquium of University Presidents, New York, USA.
- June 2013:** Workshop on curriculum: Afya Info, Lukenya, Machakos, Kenya
- May 2013:** Development of the National Health Tourism Strategy, Nairobi Kenya.
- Sep 2013:** Workshop on curriculum: Afya Info, Naivasha, Kenya
- Oct 2013:** Proposal Development of Research Chairs for Public Universities in Kenya, Nairobi, Kenya.
- Nov 2013:** Eco-Health Chairs Proposal Development, Entebbe, Uganda.
- Jun 2014:** Inter-Agency Coordinating Committee workshop on Neglected Diseases and Vector Borne Diseases, Silver Spring, Nairobi.

## **7.2: Papers presented at Academic and Professional Conferences**

- Jun 2009:** Kenya: The Impact of Global Health Initiatives on Health Systems, Afya House, Nairobi, Kenya
- Dec 2009:** Critical Interactions between Global Fund supported Programs and Country Health Systems, Accra, Ghana.
- Feb 2010:** Health Issues in Kenya, Challenges to Pub Health, Hebrew University, Jerusalem.
- Mar 2013:** The place of Health in post-2015 Millennium Development framework and projected Public Health goals. Colloquium of University Presidents, New York, USA.
- Jun 2013:** Contemporary Pub Health Issues in Kenya. Summer Program, KU, Kenya.

## **7.3: Convening and Coordinating Conferences**

- Jun 2010:** Program on strengthening of country capacities to implement IVM

towards reducing reliance on DDT, ICIPE, Nairobi, Kenya.

- Mar 2012:** East African Legislative Assembly, KUCC, Kenyatta University
- Sep 2012:** Introduction to STATA and Qualitative Research, KU Business Centre
- Aug 2013:** Biomedical Engineering Summer Program, KU, Nairobi, Kenya.

## **8: PUBLICATIONS:**

1. **KABIRU E W** and Green, T. (1984). ELISA of merozoite surface coat antigens of *P. falciparum*. Current Research on the Gastro-intestinal Tract and Associated Organs in the African Environment. Pp.176- 179.
2. **KABIRU E W** (1985). Soil transmitted parasites: Pilot study. *The Nairobi Med. J.* 12 (1):14-19
3. **KABIRU E W** and Green, T. (1985). Polyacrylamide gel electrophoresis of surface coat antigens of *P. falciparum*. *The Nairobi Med. J.* 12 (1):20-24.
4. Ruth R N, **KABIRU E W** and Mugo B M (1987). A human case of infection with a rodent cestode (*Inermicapsifer*) in Kenya. *East Afr. Med. J.* 64(6):424-427.
5. **KABIRU E W**, Gachare J W, Mbaabu D A, Ngindu A M and Siongok T K. (1987). Response of *P. falciparum* to chloroquine in Kisumu, Kenya. *East Afr. Med. J.* 64(9):606-610.
6. **KABIRU E W** and Kaviti J N (1987). Transfusion malaria risk in Nairobi. *East Afr. Med. J.* 64(12):825-827.
7. Ngindu A M, **KABIRU E W**, Mbaabu D A, Odero W O and Siongok T K (1989). Malaria epidemic (1988) in Uasin Gishu District, Kenya. Recent Advances in Medical Research with a Symposium on Environmental and Occupational Health. Paper 6. ISBN 9966-869-12.
8. Khan B, Ofulla A V O, Kariuki D M, Githure J I, **KABIRU E W** and Martin S K (1992). Drug sensitivity studies during a highland malaria epidemic in Kenya. *Trans Roy Soc Trop Med Hyg* 86:371-372
9. Mbogo C M, Snow R W, **KABIRU E W**, Ouma J H, Githure J I, Marsh K and Beier J C (1993). Low level *P. falciparum* trans-mission and incidence of severe malaria infections on the Kenyan coast. *Am. J Trop Med Hyg* 49(2):245-253.

10. Mbogo C M, **KABIRU E W**, Muiruri S K, Nzovu J G, Ouma J H, Githure J I and Beier J (1993). Blood feeding behaviour of *Anopheles gambiae s.l.* and *An. funestus* in Kilifi district, Kenya. *J Am Mosq Contrl* 9:225-227.
11. C N Mbogo, G E Glass, D Foster, **E W KABIRU**, J I Githure and J H Ouma (1993). Evaluation of light traps for sampling Anopheline mosquitoes in Kilifi, Kenya. *J Amer Mos Control Ass.* 9: 260-263
12. Snow R W, de Azevedo B I, Lowe B S, **KABIRU E W**, Nevill C G, Mwankusye S, Kassiga G, Marsh K and Teuscher T (1994). Severe childhood malaria in two areas of markedly different *falciparum* transmission in East Africa. *Acta Tropica* 57:289-300.
13. Mbogo C N, Snow R W, Khamala C P M, **KABIRU E W**, Ouma J H, Githure JI, Marsh K and Beier J C. (1995). Relations between *P. falciparum* transmission by vector populations and the incidence of severe disease at nine sites on the Kenyan coast. *Am. J. Trop. Med. and Hyg.* 52(3):201-206.
14. **KABIRU EW**, Mbogo CM, Muiruri SK, Ouma JH, Githure JI and Beier JC (1997). Sporozoite loads of naturally infected *Anopheles* in Kilifi District, Kenya. *J. Am. Mosq. Control Ass.* 13 (3):259-262.
15. Njagi J K, Estambale B A, Magnussen P, Ouma J H, Rapuoda B A and **KABIRU E W** (1998). Effectiveness of chloroquine and SP combination in the treatment of *falciparum* malaria in endemic areas of Kenya. *E. A. Med. J.* (75): 446-449.
16. Mbogo C N, **KABIRU E W**, Greg E G, Forster D, Snow R W, Khamala C P M, Ouma J H, Githure J I, Marsh K and Beier J (1999). Vector-related case-control study of severe malaria in Kilifi district, Kenya. *Am J Trop Med Hyg* 60 (5):781-785.
17. Francis M Ndung'u, Peter C Bull, Amanda Ross, Brett Lowe, **EPHANTUS W KABIRU** and Kevin Marsh (2002). Naturally acquired immunoglobulins (IgG) subclass antibodies to crude asexual *Plasmodium falciparum* lysates: evidence of association with protection for Ig1 and disease for Ig2. *Parasite immunology* 24: 77-82
18. Seyoum A, Palsson K, Kung'a S, **KABIRU E W**, Lwande W, Killeen J F, Hassanali A and Knols B (2002). Traditional use of mosquito-repellent plants in western Kenya and their evaluation in semi-field experimental huts against *Anopheles gambiae*: ethinobotanical Studies and application by thermal expulsion and direct burning. *Trans Roy S Trop Med Hyg* (96):225-231.
19. Mwaniki P K, **KABIRU E W** and Mbugua G G (2002). Assessment and utilization of Antenatal and Maternity Services in Mbeere District, Kenya. *E. A. Med J.* 79 (4):123-126.
20. Chege M N, **KABIRU E W**, Mbithi J N and Bwayo J (2002). Childcare Practices of

Commercial Sex Workers. *E A Med J* 79(7):86-89.

21. Seyoum A, **KABIRU EW**, Lwande W, Killeen JF, Hassanali A & Knols B (2002) Repellency of live potted plants against *Anopheles gambiae* from human baits In semi-field experimental huts. *Am J Trop Med and Hyg* 67(2): 191-195.
22. Waweru LM, **KABIRU EW**, Mbithi JN and Some ES (2003). Health status and health seeking Behaviour of the elderly persons in Dagoretti Division, Nairobi, Kenya. *E A Med J* Vol 80(2): 63-67.
23. Akililu S, Killeen JF, **KABIRU EW**, Knols BG and Hassanali A (2003). Field efficacy of thermally expelled or live potted repellent plants against African malaria vectors in western Kenya. *Trop Med and Internl Health* Vol 8(11): 1005-1011.
24. Okech BA, Gouagna LC, Killeen JF, Knols BG, **KABIRU EW**, Beier JC, Yan G and Githure JI ( 2003). Influence of sugar availability and indoor microclimate on survival of *Anopheles gambiae* under semi-field conditions in western Kenya. *J Med Entomol* 40(5): 657-663.
25. B A Okech, L C Gouagna, **E W KABIRU**, J C Beier, G Yan and J I Githure (2004). Influence of age and previous diet of *Anopheles gambiae* infectivity of natural *Plasmodium falciparum* from human volunteers. *Insect Science* 4: 169-174
26. Gouagna LC, Ferguson HM, Okech BA, Killeen GF, **KABIRU EW**, Beier JC, Githure JI and Yan G (2004). *Plasmodium falciparum* malaria manifestations in humans and transmission to *Anopheles gambiae*: a field study in Western Kenya. *Parasitology* (128): 235-243.
27. H Manda, L Gouagna, **E W KABIRU**, A Hassanali, G Yan, J C Beier and J I Githure (2005). *Plasmodium falciparum* development in midgut of *Anopheles gambiae* ss feeding on some predominant plants in western Kenya. *Acta Tropica* 95: S17-S18
28. Muturi JE, Mbogo CM, Mwangangi JM, Ng'ang'a ZW, **KABIRU EW**, Mwadawiro C and Beier JC (2006). Concomitant infections of *P. falciparum* and *Wuchereria bancrofti* on the Kenyan coast. *Filaria Journal* 5: 8 – 13.
29. Mwangangi JM, Shililu JI, Muturi JE, Gu W, Mbogo CM, **KABIRU EW**, Jacob B, Githure JI and Novak R (2006). Dynamics of immature stages of *Anopheles arabiensis* and other mosquito species in relation to rice cropping in rice agro-ecosystem in Kenya. *Journal of Vector Ecology* 31: 2 – 8.
30. Mwangangi JM, Muturi JE, Shililu JI, Muriu SM, Jacob B, **KABIRU EW**, Mbogo CM, Githure JI and Novak R (2006). Survival of immature *Anopheles arabiensis* in aquatic habitats in Mwea rice irrigation scheme, Central Kenya. *Malaria Journal* 5: 114 – 121.

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55. Geoffrey K Kinuthia, **EPHANTUS W. KABIRU**, Christopher O Anjili, Elizabeth M Kigundu, Veronica N Ngure, Johnstone M Ingonga and Nicholas K Gikonyo (2014). Efficacy of crude methanolic extracts of *Allium sativum* L. and *Moringa stenopetara* (Baker f) Cufodis against *Leishmania major*. *International Journal of AromaticPlants* Vol 4 (1): 16 – 25.
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64. S. B. Otieno, F. Were, **E. W. KABIRU** and K. Waza (2015). Gender Related Effects of Yeast Selenium on Weight For Age Z Score of Asymptomatic HIV Type 1 positive Children at Nyamasaria in Kisumu, Kenya. *Intl J of Current Advanced Research*. Vol 4 Issue 7: 194 – 199.
65. Wamae PM, Githeko AK, Otieno GO, **KABIRU EW** and Duombia SO (2015). Early biting of the *Anopheles gambiae* ss and its challenges to vector control using insecticide treated nets in western Kenya highlands. *Acta Tropica* (150): 136 – 142.
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68. Evangeline K N Mugoh, **EPHANTUS KABIRU** and Joyce Mwaniki (2016). Therapy and Health System-Related Factors Influencing Adherence to ART Treatment among HIV/AIDS Patients in Embu Teaching and Referral Hospital Comprehensive Care Clinic. *American Journal of Nursing Sciences*. Vol 5 (5): 169 – 174.
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### 8.2: Articles in Conference Proceedings:

- June 2009:** Impact of global health initiatives on the health systems: Kenya: in The maximizing positive synergies academic Consortium: weblink-[www.who.int/health](http://www.who.int/health) systems/publications (pages 96 - 106).
- Mar 2013:** The place of Health in post-2015 Millennium Development framework and projected Public Health goals. Seventh Global Colloquium of University Presidents pages 95 – 96).

### 8.3: Books:

Critical review of Intestinal Parasitic infections. Lambert (2010)

## 9: NETWORKING AND COLLABORATION WITH EXTERNAL ORGANIZATIONS:

- Involved in many activities with external organizations
- Involved in Collaborative Research with different organizations

## 10: GRANTS:

### 10.1: External:

DATE OF AWARD	CONTRACT #	FUNDED BY	AMOUNT (KSH)
Feb 2009 (A)	M16641-101	Havard Medical School	316,000.00
Feb 2009 (B)	AF/09/055709	World Health Organization	420,000.00
Mar 2013(C)	1R24TW008889-04	Partnership in Innovative Medical Education–Kenya.	5,973,545.00
Sep 2013 (D)	H1562	Movement Against	

		Substance Abuse in Africa	3,000,000.00
Oct 2013 (E)	43147567	UNICEF	5,862,039.68
Jan 2014 (F)	43152261	UNICEF	7,684,710.00

- A. Maximizing Positive Synergies between Health Systems and Health Initiatives
- B. Technical Assistance to Report on Structure, Systems, Organization and Management of Malaria Control and District Profiles of Malaria in Kenya.
- C. Prime-K Seed Project Award (Sub-Contract from The University of Nairobi).
- D. Effects of Alcoholic Drinks Control Act 2010 on Underage Drinking in Kenya: Case of Kajiado and Murang'a Counties, Kenya
- E. Capacity Enhancement of Counties in Evidence-Based Planning (in Kenya): Bottleneck Analysis of PMTCT
- F. Qualitative Study on Maternal, Newborn and Child Health Services in Homa Bay and Turkana Counties, Kenya

## **11: LOCAL, REGIONAL & INTERNATIONAL APPOINTMENTS:**

### **11.1: External Examiner in other Universities**

- 2005 To 2008: University of Nairobi, **NAIROBI, KENYA**
- 2008 To 2010: University of Botswana, **GABARONE, BOTSWANA**
- 2009 To 2011: Mt. Kenya University, **THIKA, KENYA**
- 2010 To 2013: Moi University, **ELDORET, KENYA**
- 2012 To 2013: University of Nairobi, **NAIROBI, KENYA**
- 2012 To 2013: Eldoret University, **ELDORET, KENYA**
- 2011 To 2013: Mombasa Polytechnic University College, **MOMBASA, KENYA**
- 2013 To 2016: University of Nairobi, **NAIROBI, KENYA**.

### **11.2: Review of Professional Periodicals:**

- **Sep 2013:** BioMed Central: MS 1006390786831593

- **Dec 2013:** International Research Journal of Medicine and Medical Sciences: MS IRJMMS-2013-041

### **11.3: Guest Speaker**

- **Oct 2013: Chief Guest:** KU/FUNZO Kenya, Training on Contraceptive Updates Technology: Lysak Haven Park Hotel, Machakos, Kenya.
- **Oct 2016:** Keynote Speaker: 23<sup>rd</sup> Conference of Kenya Medical Laboratory Scientific Officers: Acacia Hotel – Kisumu, Kenya.

### **11.4: Appointments to Boards:**

- **Dec 2000** - Medical Laboratory Technicians and Technologists Board
- **Oct 2000 to date:** Member: Ngong Health Centre Management Committee
- **Mar 2010 to date: Chairman:** Board of Governors, Kibiko, Secondary School, Kajiado County, Kenya.

## **12: AWARDS/RECOGNITION**

Kenyatta University Vice-Chancellor Extra Mile Award

Achiever's award, Medical Laboratory Scientific Officers

## **13: COMMUNITY OUTREACH.**

**1995 to date: Member:** Ngong 10 Welfare Group. (**Chairman:** 1995 to 2008)

**1999 to date: Church Elder,** Presbyterian Church of East Africa

**2010 to date: Patron,** Kahuru Health Centre, Nyeri County, Kenya

**2012 to date: Patron,** Beacon of Hope Youth, Kajiado, County, Kenya

## **14: ACADEMIC LEADERSHIP**

### **14.1: Development of academic program in Kenyatta University**

- Initiating Curricula for Departments in the School of Public Health

### **14.2: Development of academic program External to Kenyatta University.**

- Developed a Master of Public Health degree Program for Gollis University, Somaliland

**14.3: Initiating/Leading Research project:****Principal Investigator:**

- Maximizing Positive Synergies between Health Systems and Global Health Initiatives (Feb 2009).
- Technical Assistance to Report on the Structure, Systems, Organization and Management of Malaria control and Districts Profiles of Malaria in Kenya (Feb 2009).
- Effects of Alcoholic Drinks Control Act 2010 on Underage Drinking in Kenya: Case of Murang'a and Kajiado Counties.

**15: OTHERS:****15.1: Contribution to University Advancement:****Service to Kenyatta University:****University Ad Hoc Committees**

- July 2007:** Member, Medical School and Hospital Development Committee
- Sept 2007:** Member, Committee to Review the Medical Practitioners and Dentists Board Act
- Oct 2007:** **Strategic Leader**, Kenyatta University Rapid Results Initiative (RRI) Committee on Formulation of Policy Issues that are Unique to Medical Programmes, School of Medicine
- Feb 2008:** Member, Erasmus Mundus Training Project
- Apr 2008:** Member, University Academic Audit Unit Board
- May 2008:** Member, Kenyatta University Medical School Committee
- Sept 2008:** Member, Committee on Official Opening of Kenyatta University Facilities
- Jul 2009:** **Chairman**, Students' Appeal Committee
- Oct 2009:** Member, Vice-Chancellor PhD Facilitation Committee
- Mar 2010:** **Chairman**, Organization Committee on the Summer Institute for Social Change, Development and Health Communication

- Apr 2010:** Member, Medical Education Partnership Initiative
- Jul 2010:** Member, Committee on the Development of a Commercial Contract with China Jiangzi, a Chinese Contractor.
- Dec 2010:** Member, Committee for the Implementation of Community-Directed Intervention (CDI)
- May 2011:** Member, Kenyatta University Rapid Results Initiative (RRI) Committee to Rationalize the Staff Establishment.
- Jul 2011:** **Chairman**, Committee to Make Recommendations on Capacity Building for the Proposed Kenyatta University Teaching, Research and Referral Hospital.
- Sept 2011:** Member, Committee on Official Opening of the Post-Modern Library and Ground Breaking Ceremony, Kenyatta University Teaching, Research and Referral Hospital.
- Oct 2011:** Member, Kenyatta University Foundation Local Committee
- Nov 2011:** Member, Senate Committee to Deliberate on Nominees by Senate Executive for Award of Honorary Degrees of Kenyatta University.
- Dec 2011:** Member, Committee on Inaugural Lectures
- Feb 2012:** Member, Committee on Rewriting the Supplementary Agreement 2 for the Construction and Development of Kenyatta University Teaching, Research & Referral Hospital Project.
- May 2012:** **Chairman**, Committee to Plan for the Launch of the Policy for Biomedical Research Involving Human Subjects
- Sept 2012:** Member, Committee to Develop Proposals for Capacity Building in the School of Medicine
- Feb 2013:** Member, Committee on Pre-Registration of Randomized Clinical Trials
- May 2013:** Member, Committee to Develop Letter of Intent to Host Research Chair in Agricultural Biotechnology and Health Systems
- Jul 2013:** Member, Kenyatta University-Fortis Hospitals MOU Implementation Committee
- Oct 2013:** Member, Committee on Documents for the proposed Children's Hospital
- Dec 2013:** Member, Committee on Establishment of Institute of Non-Communicable

## Diseases

- Jan 2014:** Member, Committee on establishment of KU Women's Hospital
- Feb 2014:** Member, Middle-Level personnel Training Committee
- Apr 2014: Convener, Human Resource and Training Sub-Committee of the KUTRR Hospital Operationalization Committee.

**University Standing Committees**

- Apr 2007 to date:** **Chairman**, Committee on Disbursement of Kenyatta University Bursary Scheme
- Jul 2007 to date:** Member, Promotions and Appraisal Committee (PAC) – Academic Grades
- Apr 2008 to 2015:** Member, University Ethics Review Committee (ERC)
- Feb 2009 to date:** **Chairman**, Orphans & Vulnerable Students Fund Committee
- Jun 2009 to 2015:** **Chairman**, Kenyatta University Funeral Home Committee
- Apr 2010 to 2013:** Member, Senate Representative to Kenyatta University Council Sub-Committee Member:
- Audit Committee
  - Terms and Conditions of Service Committee
  - Appraisal & Promotion Committee (Non-Academic Grades)
  - Board of Senior Grades Disciplinary Committee
  - General Purposes Committee
- Feb 2015:** Member, Implementation Committee for Kenyatta University Teaching, Referral and Research Hospital.

**15.2: Membership to Professional Bodies.**

**1975 to 1980: Vice-Chairman:** Association of Kenya Medical Laboratory Scientific Officers [AKMLSO]

**1985 to 1988: Chairman** [AKMLSO]

**2012: Member:** Pan African Mosquito Control Association

**16: REFEREES:**

**Prof. John Okumu**

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