

# CURRICULUM VITAE

## 1. PERSONAL DETAILS

NAME	MOHAMED KARAMA
ADDRESS	CENTER FOR PUBLIC HEALTH RESEARCH P.O. Box 20752 NAIROBI.
TELEPHONE	2725016/17/18
MOBILE PHONE	0722885366
DATE OF BIRTH	3RD MARCH 1952
NATIONALITY	KENYAN
E-mail	<a href="mailto:mhmdkarama@yahoo.com">mhmdkarama@yahoo.com</a>
MARITAL STATUS	MARRIED

## 2. EDUCATION AND TRAINING

- PhD (Kenyatta University) 2003- 2007
- Kenyatta University 2000- 2002
- University of Nagasaki (Japan) 1999-2000
- Directorate of Personnel Management 1992
- University of Malaya (Kuala Lumpur) 1986
- KEPI Mid-Level Management 1984
- WHO Training Center (Nigeria) 1981
- University of Nairobi 1978
- Medical Training College 1970-1973

## 3. ACADEMIC AND PROFESSIONAL QUALIFICATION

- Professor Public Health and Epidemiology 2016
- Associate Professor 2009
- PhD degree 2007
- Master in Public Health and Epidemiology 2002
- Public health and Epidemiology  
(Nagasaki University Japan) 1999
- Certificate in Computer Operations 1992
- Certificate in Water Engineering Techniques 1986
- Mid-level management Immunization programmes 1984
- Environmental health and malaria control techniques 1981
- Higher Diploma in Environmental health Sciences 1978
- Diploma in Public Health (RSH London) 1973
- East African Certificate of Secondary education 1969

#### 4. DATE OF APPOINTMENTS

<b>Ag Vice Chancellor</b>	<b>From</b>	<b>Sept</b>	<b>2016</b>
<b>Deputy Vice Chancellor Umma University</b>	<b>May</b>		<b>2016</b>
➤ Head of Public Health and Health Systems Research Program			2014
➤ Chairman, AMREF Scientific and Ethical committee			2010
➤ Member Kenya Medical Research Institute Publications committee			2010
➤ Teaching and supervising students for 10 years (Japan)			2009
➤ Member AMREF (African Medical Research Foundation) Scientific committee			2008
➤ Principal Research Officer (KEMRI)			Jan 2007
➤ Chief Public Health Officer (KEMRI)			July 2004
➤ Senior Public Health Officer (KEMRI).			Jan 1994
➤ Public Health Officer 1 (1st Appointment KEMRI)			May 1985
➤ Public Health Officer Ministry of Health			July 1973

#### 5. WORKING EXPERIENCE

- Organizing secretariat for the 1<sup>st</sup> National Sanitation Conference Ministry of Health 2014
- Conducted two National Oversight Committee field reviews in Western and Nyanza Provinces for Global Fund on HIV/TB and Malaria 2011 and 2013
- Educating traditional herbalists on nutrition and non-communicable diseases in Mwanza, Dar-es-salaam and Arusha- Aug-Sep 2013
- Facilitation of Kenya Religious Leaders affected or infected with AIDS (KENERERA) programmes as a Board Member and resource persons in the last 5 years.
- Review of student's research proposal and guidance  
Currently supervising 8 PhD students and 16 Masters Students
- Principal Investigator in a Demographic Surveillance System research in Mbita and Kwale
- Principal Investigator Child cohort study in Mbita and Kwale
- Member for the Sanitation Technical Working Group, Ministry of Health
- Development of the Training Guide for Integration of Sanitation into HIV control
- Member of the AMREF Scientific and Ethical committee
- Organisation of the 1<sup>st</sup> All Africa Congress on Environmental Health held in Nairobi Kenya from 27<sup>th</sup> to 30<sup>th</sup> August 2007.

#### LEADERSHIP

- Chairman CPHR Staff Welfare Association- Current
- Deputy Secretary Association of Travel Medicine & vaccination services of Kenya 2013-Present
- Chairman AMREF Scientific and Ethical Committee 2007-Present
- Secretary, Muslim Health Secretariat 2008- Present
- Chairman Public Health Association of Kenya 2005- 2010
- Chairman KEMRI Welfare Association 1990- 2000
- Initiated a Food handlers project at CPHR

## **MENTORSHIP**

- Member of the African Women in Agricultural Research and Development (AWARD) hosted at UN as a mentor
- Trained as a mentor by AWARD in Uganda 2012
- Master Degree student supervisor
- PhD student under my supervision

## **CONSULTANCY**

- Consultancy: Communication with Muslim Leaders and NACC on MARPs in Mombasa 2013
- Consultant for the development of the Global Sanitation Fund proposal – Kenya 2013 (Kenya received US \$ 5 million )
- Assist in the Development of AMREF Research Plan 2012
- Developed Kenya Cholera Strategic Plan 2011-2016
- School WASH study in Nairobi Primary Schools with UNILEVER 2011
- Consultant in the Establishment of the Muslim Health Secretariat in Kenya 2008
- Consultant for GTZ on stakeholder analysis for gender and gender based violence in Kenya 2008
- Consultant in the Development and Launch of the Muslim Policy on HIV and AIDS in Kenya 2007
- Consultancy facilitation of a workshop on Female Genital cutting with Muslim Imams (UNICEF) 2007

## **2004-2006**

- ❖ WHO consultancy on Child environment in slums and low income areas
- ❖ Consultancy Adolescent reproductive health training coast peer groups by ACTION AID
- ❖ Consultancy on Behavior Change Communication on FGM among Muslim community in Eastern province
- ❖ Consultancy on Gender and HIV/AIDS as cross cutting issues on civic education resource file development and workshop facilitation

## **2004 – 2006**

- Committee Member in the Development of the Ministry of Health Strategic Plan.
- Joint Proposal Development on Communication Strategy in HIV/AIDS a collaborative study with North Carolina State University.
- Participation in the Development of the National Implementation Plan for Persistent Organic Pollutants under Stockholm Convention. (NEMA).
- Committee Member for the Millennium Development Goals (Water and Sanitation)
- Committee Member for the Sanitation Policy Development.
- Member of the FBO technical working group.
- **2000- 2003**
- General morbidity studies in Kwale district.
- HIV/AIDS Education at work place.
- Principal Investigator in the use of microbes in sanitation improvement in Kibera.
- Secretary National Committee on Epidemiology and Health Research.

- Consultant for ACTION AID on different Public Health Project.
- Development of the Curriculum for BSc Environmental Health ( Kenyatta University)

#### **1997- 1999**

- Research on HIV/AIDS among women with Female genital Schistosomiasis in Rachuonyo (UNDP Project)

#### **1992- 1996**

- Provision of alternate water supply through gravity. JICA in the control of schistosomiasis
- Construction and protection of shallow wells.
- Research on HIV/ AIDS among security workers.

#### **1985- 1991**

- Research in Schistosomiasis control using sanitation improve diarrhea research in Malindi

#### **1980- 1985**

- Marburg Surveillance in Western Kenya.
- Rabies surveillance

#### **1977- 1979**

- National Smallpox control programme and part of the Global Eradication of Smallpox.
- Member of the Global Eradication Team.

#### **1974 - 1977**

- Disease Surveillance and control in the Department of Communicable Disease- MOH

#### **1973**

- Public Inspection of building plans, Urban environmental assessment, School health, Health Education

### **6. Special Government Award**

- Citation for Outstanding role in the Global Eradication of smallpox. 1979

### **7. TEACHING AND ACADEMIC RELATED FUNCTIONS**

- Kenyatta University, Public Health Department,
- Minnesota University, International Students Programme
- SIT, International Students Programme
- Nagasaki University, Graduate School of International Health Development.
- External Examiner Kigali Health Institute, Rwanda
- External Examiner for the Kenya Medical Training College (Faculty of Public Health)
- External examiner for Mount Kenya University (Faculty of Public Health)
- External examiner Kenya Methodist University (Health Systems Department)

## 8. Other Responsibilities

- a) Chairman of the Policy Research and Advocacy Technical Working Group under the Department of Environmental Health in the Ministry of Health.
- b) Member of the Center for Public Health Research Scientific Committee
- c) Development of National Policy on Sanitation and Hygiene.
- d) Implementation of Poverty Alleviation in Poverty and Health Programme.
- e) Development of National code of Ethics for Public Health Officers in Kenya
- f) Review Public Health Laws in Kenya.
- g) Development of Teaching Curriculum for Kenyatta University.

## 9. Membership to Professional and other Associations

- a) Deputy Secretary Association of Travel Medicine & vaccination services of Kenya 2013-Present
- b) National Chairman, Association of Public Health Officers (Kenya) until 2009.
- c) Chairman Nairobi Branch of the Association of Public Health Officers
- d) Secretary Public Health and Epidemiology Programme Committee- up to 2009.
- e) Member of the Inter-Faith Health Committee.
- f) Chairman AMREF Scientific Committee 2011
- g) Member, Ministry of Public Health Inter Agency Coordinating Committee on Sanitation

## 10. Students Supervision Masters and PhD degrees

PhD students under supervision **5**

PhD student successfully completed under my supervision **5**

Masters student under supervision **20**

Masters student successfully completed **5**

Master of Public Health students from Japan under my supervision **3**

Master of Public Health students from Japan successfully completed **15**

## Publications

Review of manuscript for publication **100 +**

## Publications

### **Factors Influencing Orphan School Attendance in an HIV-Endemic Community of Western Kenya: A Qualitative Study**

Erina Ishigaki, Joan Muela Ribera, **Mohamed Karama**, Tomonori Hoshi  
BMC Public Health.2015, 15:441

### **Correlates for cardiovascular diseases among diabetic/hypertensive patients attending outreach clinics in two Nairobi slums, Kenya**

Gladys Mugure, **Mohamed Karama**, Catherine Kyobutungi, Simon Karanja  
Received: 18/08/2014 - Accepted: 27/09/2014 - Published: 10/11/2014

### **Aflatoxin Contamination of Maize in two different Physiographic Zones in Makueni County, Kenya**

James Malusha, **Prof Mohammed Karama**, Prof Anselimo N. Makokha

**First Report of a Food-Borne *Providencia alcalifaciens* outbreak in Kiambu, Kenya, July 2013**

Mohammed Shah, Erick Odoyo, Peter S. Larson, Cyrus Kathiiko, Gabriel Miringu, Ernest Wandera Apondi, **Mohamed Karama**, Masahiro Nakashima, Yoshio Ichinose

**In progress:**

**Serological surveillance development for tropical infectious diseases using simultaneous microsphere-based multiplex assays and finite mixture models.**

Yoshito Fujii, Satoshi Kaneko, Samson Muuo Nzou, Matilu Mwau, Sammy Njenga, Chihiro Tanigawa, James Kimotho, Anne Wanjiru Mwangi, Ibrahim Kiche, Sohichi Matsumoto, Mamiko Niki, Mayuko Osada-Oka, Yoshio Ichinose, Manabu Inoue, Makoto Itoh, Hiroshi Tachibana, Kazunari Ishii, Takafumi, Tsuboi, Lay Myint Yoshida, Dinesh Mondal, Rashidul Haque, Shinjiro Hamano, Mwatasa Changoma, Tomonori Hoshi, Ken-Ichi Kamo, **Mohamed Karama**, Masashi Miura, Kenji Hirayama.

PloS Negl Trop Dis 2014 Jul 31; 8 (7): e3040 Epub 2014 Jul 31

**Profile: the Mbita Health and Demographic Surveillance system.**

Sheru Wanyua, Morris Ndemwa, Kensuke Goto, Junichi Tanaka, James Kópiyo, Silas Okumu, Paul Diela, Satoshi Kaneko, **Mohamed Karama**, Yoshio Ichinose, Masaaki Shimada

Int J Epidemiology 2013 Dec; 42 (6): 1678-85

**Perception of caregivers about health and nutrition problems and feeding practices of infants: a qualitative study on exclusive breast-feeding in Kwale, Kenya.**

Matsuyama A, **Karama M**, Tanaka J, Kaneko S.

BCM Public Health. 2013 May 30; 13:525. doi: 10.1186/1471-2458-13-525.

PMID: 23721248

**Association between social support and place of delivery: A cross-sectional study in Kericho, Western Kenya**

Mayo Ono, Akiko Matsuyama, **Mohamed Karama**, Sumihisa Honda.

BMC Pregnancy childbirth 2013 21;13:214. Epub 2013 Nov 21

**The NUTM-KEMRI P3 Laboratory in Kenya: Establishment, Features, Operation and Maintenance.**

Inoue S, Wandera E, Miringu G, Bundi M, Narita C, Ashur S, Kwallah A, Galata A, Abubakar M, Suka S, Mohamed S, **Karama M**, Hoorio M, Shimada M, Ichinose Y.

Trop Med Health. 2013 Mar; 41(1):27-37. doi:10.2149/tmh.2013-01. Epub 2013 Feb 21.

PMID: 23533023

**Prevalence and risk factors of neurological impairment among children aged 6-9 years: from population based cross sectional study in western Kenya.**

Kawakatsu Y, Kaneko S, **Karama M**, Honda S.

BCM Pediatr. 2012 Dec 3; 12:186. doi: 10.1186/1471-2431-12-186.

PMID 23206271

**Are long lasting insecticidal nets effective for preventing childhood deaths among non-net users? A community-based cohort study in western Kenya.**

Komazawa O, Kaneka S, K'Opiyo J, Kichr I, Wanyua S, Shimada M, **Karama M**.

PLoS One. 2012;7(11):e49604. Doi:10.1371/journal.pone.0049604. epub 2012 Nov 19.

PMID: 23185378

**Health and Demographic Surveillance System in the Western and Coastal areas of Kenya: an infrastructure for epidemiologic studies in Africa.**

Kaneko S, K'Opiyo J, Kiche I, Wanyua S, Goto K, Tanaka J, Changoma M, Ndemwa M, Komazawa O, **Karama M**, Moji K, Shimada M.

J Epidemiol. 2012;22(3):276-85. Epub 2012 Feb 25.

PMID: 22374366

**Knowledge, attitude and practice towards HIV/AIDS in rural Kenyan community.**

**Karama M,** Yamamoto T, Shimada M, Orago SS, Moji K.

J Biosoc Sci. 2006 Jul;38(4):481-90.

**Water sources, treatment and storage at the household level in Mbita District.**

**Karama M,** Wanyua S, Kiche I, K'Ópiyo J, Kaneko S.

The Africa Journal of Health Science, 2011 June

**Developing a data collection network of traditional birth attendants on birth at home in Mbita Health and Demographic Surveillance System.**

Wanyua S, Kiche I, **Karama M,** K Ópiyo J, Kaneko S

The African Journal of Health Science, 2011 June

**Prevention of bacterial diarrhea by pasteurization of drinking water.**

Lijima Y, **Karama M,** Oundo JO, Honda T

Microbiol Immunol 2001;45 (6): 413-6

PMID: 11497215 {PubMed- Indexed for MEDLINE }

**Pattern of Schistosoma mansoni infection after intervention in Mwea Irrigation Scheme in Kenya**

Muthami LN, Katsivo MN, Kinoti SN, Omondi O, **Karama M,** Karumba P, Kingori F, Kimani S,  
East Afri Med J. 1995 Feb; 72 (2): 94-100

PMID:779676 2 {PubMed –Indexed for MEDLINE }

**Perception of a Schistosomiasis control project in rural Kenya by the beneficiaries.**

Katsivo MN, Muthami LN, **Karama M,** Kingori F

East Afri Med J. 1993 Oct; 70 (10): 613-6

PMID: 8187654 {PubMed – Indexed for MEDLINE }

**Involvement of a community in schistosomiasis control: a Kenyan experience.**

Katsivo MN, Muthami LN, Kimani S, **Karama M,** Kingori F

East Afri Med j 1993 Aug; (8):478-81

PMID: 8261966 {PubMed- Indexed for MEDLINE }

**REFEREES**

**Prof Mahmud Jama**

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**University of Nairobi.**

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