

# Dr. Justus O.S. Osero, PhD



## 1.0 Personal Information

**Name:** Dr. Justus O.S Osero  
**Address:** Department of Community Health  
Kenyatta University, School of Public Health  
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**Gender :** Male  
**Nationality:** Kenyan  
**Date of Birth:** 31st December, 1972

## 2.0 QUALIFICATIONS

### *2.1 Academic Qualifications*

- 2012: Doctor of Philosophy (PhD) in Community Health, Kenyatta University, Kenya.
- 2005: Masters Degree in Public Health and Epidemiology (MPHE), Kenyatta University, Kenya.
- 1997: Bachelor of Education, Moi University, Kenya.

### **2.2 Professional courses**

- April 2015: Completed a course on **Trauma and its Impacts** by FANET in Nakuru, Kenya
- November 2014: Completed a course in **Integrated Disease Surveillance and Response for Health professionals** by Community of Excellence for Research in Neglected Vector Borne and Zoological Diseases (CERNVec) at Jomo Kenyatta University of Agriculture and Technology, Thika, Kenya
- September 2014: Completed a course on **Scientific writing** by World Health Organization, TDR for research on diseases of poverty and the University of Nairobi College of Health Sciences, School of Medicine, Nairobi, Kenya

- March 2014: Completed a course on **Ethical and responsible conduct of research**, by National Institute of Health in collaboration with Kenyatta University Nairobi, Kenya.
- November 2013: Completed a course in **Teaching Methodology** by Kenyatta University, Nairobi, Kenya.
- January 2009: Completed a course on **Voluntary Counselling and Testing** by Ministry of Health - NASCOP and Mount Kenya University at Mount Kenya University, Thika, Kenya

### **3.0 EMPLOYMENT HISTORY**

**2013 to date: Lecturer:** Department of Community Health, Kenyatta University

**2010 – 2012: Tutorial Fellow:** Department of public Health, Kenyatta University

**2008 – 2010: Lecturer:** Mount Kenya University

**2007- 2008: Tutor:** Murang'a College of Technology

**2005 – 2006: Tutor:** Ramogi Institute of Advanced Technology

**1997 – 2002: Teacher:** Sironga Girls High School

### **4.0 ADMINISTRATIVE/GOVERNANCE/LEADERSHIP RESPONSIBILITIES**

#### **4.1 ADMINISTRATIVE RESPONSIBILITY (AT KU)**

**2013- Date: Chairman School Board of Postgraduate Committee** – School of Public Health, Kenyatta University

**2013- Date: Inter-School Research Review Committee (ISRRC) Representative** of School of Public Health, Kenyatta University

**2012- Date: Chairman Departmental Board of Postgraduate Studies** – Department of Community Health, Kenyatta University

**1<sup>st</sup> April 2015 to Date:** Appointed departmental examination co-ordinator

**5<sup>th</sup> January, 2016 to date:** Appointment as a programme leader (Public Health) – Mombasa Campus

**30<sup>th</sup> December 2016 – 3<sup>rd</sup> February 2017:** Appointed acting Chairman Department of Community Health

**10<sup>th</sup> October 2016 – 15<sup>th</sup> October 2016:** Appointed acting Chairman Department of Community Health

**1<sup>st</sup> May 2016 – 11<sup>th</sup> May 2016:** Appointed acting Chairman Department of Community Health

**22<sup>nd</sup> February 2016 – 29<sup>th</sup> February 2016:** Appointed acting Chairman Department of Community Health

**7<sup>th</sup> April – 10<sup>th</sup> April 2016:** Appointed acting Chairman Department of Community Health

**27<sup>th</sup> January 2015 – 5<sup>th</sup> February 2015:** Appointed acting Chairman Department of Community Health

**19<sup>th</sup> May 2014 – 25<sup>th</sup> May, 2014:** Appointed acting Chairman Department of Community Health

**3<sup>rd</sup> July 2013 – 5<sup>th</sup> July 2013:** Appointed acting Chairman Department of Community Health

**12<sup>th</sup> July 2013 – to date:** Appointed chairman departmental Linkage Committee

**5<sup>th</sup> September 2013:** Appointed Chairman of Workshop Committee to review curriculum supported from Tulane University and measure Evaluation/ICF Macro.

#### **4.2 ADMINISTRATIVE RESPONSIBILITY (OUTSIDE KU)**

**2010: Director (Research and Development), Mt. Kenya University,** School of Health Sciences

**2008 - 2010: Dean School of Health Sciences,** School of Health Sciences, Mt. Kenya University.

**2007 – 2008: Chairman, Department of Public Health -** Mount Kenya University

#### **5.0 SUPERVISION OF GRADUATE STUDENTS (PHD & MASTERS)**

##### **5.1 PhD**

##### **5.1 Ongoing PhD**

<b>Year</b>	<b>Name</b>	<b>Research title</b>	<b>University</b>
2012	Makori Ruth K	Effects of training males on home based care involvement and advocacy for people living with HIV and aids in Kisii county, Kenya	JomoKenyatta University of Agriculture & Technology (JKUAT)
2013	Nyaberi M. Jackline (Q97/20283/2012)	Evaluation of the implementation of free maternal health services in selected public hospitals in Nyanza region, Kenya	Kenyatta University
2013	Wanyonyi Mary	Effects of nutrition education intervention,	Kenyatta University

	N	on consumption of convenience foods and nutritional status of students in Eldoret Municipality, Kenya.	
2015	Machera M. Tom Q97/24416/2013	Effects of Using Oral HIV Self-Testing kits on Uptake of Male Partner Testing among Pregnant Women in Selected Counties in Kenya	Kenyatta University
2015	Enock Oburi Marita	Effectiveness of safe Model in managing Healthcare Waste from malaria management by community health volunteers, Homa-bay County Kenya	Kenyatta University
2016	Beatrice Nesidai Kithuka (Q97/26290/2013	Effects of SMS On type 2 Diabetes Mellitus Screening Uptake among Overweight Outpatients in selected Public Hospitals in Nairobi County	Kenyatta University
2016	John C. C. Maina Q97/29792/2014	Impact of Sexual Offences Act (2006) Implementation on Justice in Kenya among the Residents of Kitui and Nyeri Counties, Kenya	Kenyatta University
2016	Samuel N. Njeru	Effects of Corrective Education among Care givers of Primary School Children with Visual Impairment in Meru County Kenya	Kenyatta University

## 5.2 Masters

### 5.2.1 Completed

Year	Name	Research title	University
2014	Maina John C. C.	Socio-economic, cultural and environmental determinants of sexual violence among the young people in Naivasha district, Nakuru County, Kenya	Kenyatta University
2014	Farhia M. Yusuf	Assessment of prevention behavioural practices among adults Tuberculosis patients in Eastleigh Division, Nairobi County Kenya	Kenyatta University
2015	Waithaka Racheal. W	Latrine Coverage, Use and Associated Factors among the Rural Communities of Samburu East District, Samburu County, Kenya	Kenyatta University
2015	Kiongo Josephat G.,	Disaster preparedness among members of staff at Kenyatta national hospital, Nairobi County in Kenya	Kenyatta University
2015	Onchong'a James. M	Male partner involvement in choice of delivery site among women delivering at provincial government hospital coast, Mombasa county, Kenya	Kenyatta University
2015	Muhumed Dubow	Sexual abstinence as a HIV prevention	Kenyatta University

	S.	strategy among adolescent secondary school students in Garissa Municipality	
2015	Mbugua Njoki Leah	Access to sexual and reproductive health services by adolescent girls (15-19 years) among pastoral communities in Narok South District, Kenya	Kenyatta University
2015	Makii Munywoki J.	Utilization of Antenatal Care Services among adolescent mothers in Mathare Valley Slums, Nairobi county, Kenya	Kenyatta University
2015	Kimani Eunice W	Sexual violence among adolescent girls in mixed -day secondary schools in Limuru District, Kiambu County, Kenya.	Kenyatta University
2015	Maureen M. Akolo	Compliance to Positive Health, Dignity and Prevention services among HIV infected Index Partners in HIV Sero-discordant relationship in Nairobi County Kenya	Kenyatta University
2016	Towett Anne C	Hazardous waste management among employees of Thika Level 5 hospital, Thika West district, Kiambu County, Kenya	Kenyatta University
2016	Muema F. Kyalo	Predictors of family planning services uptake among women of reproductive age in Moyale District, Kenya	Kenyatta University
2016	Simon O. Ogana	Musculoskeletal Pain and School Bag Usage among Upper Primary School-going children in Nairobi City County Kenya	Kenyatta University
2016	Odoro Rachael A	A situational analysis of sodomy among primary school boys in Mukuru Kwajenga informal settlement Nairobi County, Kenya	Kenyatta University
2016	Abdirahman S. Abdalla	Prevalence and Factors associated with Brucellosis among community members in Mandera County Kenya	Kenyatta University
2016	Joan Chepkoech Kones	Foot Self-care Behaviour among type 2 Diabetic Mellitus Patients in Nakuru County, Kenya.	Kenyatta University
2016	John Kyunguti Ndeto	Utilization of individual Birth Plan during pregnancy among women aged 18-49 years in Kisau Division Makueni County, Kenya	Kenyatta University
2016	Onchonga David	Magnitude and socio-economic impacts of drugs and substance abuse among young pastoralist adults in Samburu central district, Samburu County	Kenyatta University
2016	Annah Mumbua Kyalo	Level of utilization of personal protective equipment among workers in grain and oil seed milling industries in Nairobi City County Kenya	Kenyatta University
2016	Farhia Abdiaziz	Nutritional status of children 6-59 months in	Kenyatta University

		camps of internally displaced people in Wadajir District Mogadishu, Somalia	
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### 5.2.2 Ongoing Masters

Year	Name	Research title	University
2012	Mutuku Joyce N	Complementary feeding and nutritional status among children aged 6-23 months in Marsabit County, Kenya	Kenyatta University
2013	Irene M. Mugo	Adherence to nutritional guidelines in management of type 2 diabetes mellitus among diabetic patients attending rift valley PGH, Nakuru County	Kenyatta University
2013	Wamae J. Wanjiru	The Prevalence of undiagnosed type 2 diabetes among adult voluntary Non-remunerated blood donors in Nairobi County	Kenyatta University
2013	Jason Ntambo Mogaka	Assessment of household Food Security and Nutritional Status of School-Age Children (6-12) In Samburu Central District	Kenyatta University
2014	Mwanza Judith Nzilani	Magnitude of substance abuse among pregnant women attending selected maternal child health clinics in Mathira West Sub-County, Nyeri County Kenya.	Kenyatta University
2014	Dickson Omosa Kirotwia	Magnitude of Occupational Injuries among Tea pluckers in Kericho County, Kenya.	Kenyatta University
2015	Masta O. Omwono	Use of Insecticide treated nets in the prevention of malaria among the Jaggery and Tea workers in Kisii County Kenya	Kenyatta University
2015	Mukui Antony Kimata	Alcohol related physical injuries among alcohol abusers in Kiambu County Kenya	Kenyatta University
2015	Kithinji Mercy Wawira	Predictors of Utilization of Growth Monitoring and Promotion Services among children under five years in Manyatta Sub-County, Embu County, Kenya.	Kenyatta University
2015	Brenda Metobo	Assessment of HIV service delivery by community based Resource persons according to the community health strategy: The case of Waithaka community health unit in Nairobi City, county.	Kenyatta University
2015	Rachael W. Ndungu	Choice of Health facility for Health care among out-patient in Kabete Sub-County.	Kenyatta University
2016	Reuben Kebati	Healthcare Waste Management practices among handlers in Selected health facilities in Nakuru County Kenya	Kenyatta University
2016	Munguti C. Muthingu	Uptake of Focused Antenatal Care Services among women of reproductive age in	Kenyatta University

		Nakuru County Kenya	
2016	Mwangi M. Gaitho	Sexual Violence Risks Associated with Shared Sanitation Facilities in Informal Settlements, Nairobi City County Kenya.	Kenyatta University
2016	Kavita Jane Katanu	Complications preparedness among pregnant women in Makuani County Kenya	Kenyatta University
2016	Paulo Ndambuki	Accessibility of preventive reproductive Health Services among the adolescents in Kajiado County Kenya	Kenyatta University
2016	Vincent K. Ngetich	Impacts of diarrhoeal diseases among farmers' household in Ewaso Narok swamp	Kenyatta University
2016	Ndegwa Martin	Challenges influencing Narcotic Drug Control by Police Officers at Jomo Kenyatta International Airport, Nairobi, Kenya.	Kenyatta University
2016	Fred Babu Okach	Uptake of New Diagnostic Technologies in Tuberculosis case Detection among Prison Health Facilities in Nairobi County Kenya	Kenyatta University

## 6.0 CONFERENCES/SEMINARS/WORKSHOPS

### 6.1 Participation in workshops/Conferences

- Attended workshop on Scientific Research Publication and Grant Writing at KCB, Karen Nairobi, 16<sup>th</sup> – 18<sup>th</sup> September 2014.
- Appointed and Participated in the Development of Standardized Curriculum on Alcohol and Drug Abuse for Undergraduate/Diploma/Certificate for Training Institutions at Kenya Plant Health Inspectorate Service (KEPHIS), Karen, Nairobi 22<sup>nd</sup> – 26<sup>th</sup> April 2014
- Attended workshop on developing a long term plan for strengthening MPH- M&E programme supported by Measure Evaluation USAID/ICF Macro for the department of Community Health at Merica Hotel Nakuru, 7<sup>th</sup> – 10<sup>th</sup> October 2013.
- Attended workshop on Technical Working Group for the B.Sc.Health Records and Information Management Curriculum Review at Silver Springs Hotel Nairobi in July 2013

## 7.0 RESEARCH AND PUBLICATIONS

### 7.1 Articles in refereed Journals (indicate separately the joint/individual/authored with students/local/Kenyan and International journals/publications)

- Akolo M; Gichuki R; Chitwa M; Kimani J and **Osero J., (2016)**. Compliance to Positive Health, Dignity and Prevention Services among HIV Infected Index Partners in HIV Sero-Discordant Relationships in Nairobi County, Kenya. *J AIDS Clin Res* 2016, 7:8
- James M. Onchong'a; Tom Were; and **Justus O.S. Osero (2016)**. Knowledge, Perception and Level of Male Partner Involvement in Choice of Delivery Site among Couples at Coast Level Five Hospital, Mombasa County , Kenya. *African Journal of Reproductive Health; March 2016; Vol. 20(1): Article 8.*
- J. G. Kiongo; J Wanyoike Gichuhi; **J. O. S. Osero**; A. Yitambe, (2015). State of disaster preparedness among members of Staff at Kenyatta National Hospital, Nairobi County, Kenya. *European International Journal of Science and Technology. June 4 2015, Vol.4 No.5*
- **Osero J. O. S.**, Keraka M.N., and Otieno A.S., (2012). “Health consequences of sexual based violence among survivors in selected hospitals in Kenya. *Asia Journal of Pharmaceutical and Health Sciences. Jul – Sep 2012, Vol. 2, issue 2 pg. 300.*
- Makori R. K., Onyango R. O., Kakai R. and **Osero J. O. S.** (2011). Community Attitudes Towards Male Involvement in Home Based Care Activities for People Living with HIV and AIDS in Maseno Division, Western Kenya. *Journal of Public Health and Epidemiology Vol. 3(11), pp. 503-512, 16 November, 2011 ISSN 2141-2316 ©2011.*
- Makori RK, Onyango RO, Kakai R, **Osero JOS.**, (2011). Socio-cultural factors influencing male involvement in home-based care for people living with HIV and AIDS in Maseno Division, Western Kenya. *East African Medical Journal*, Vol 88, No 8 (2011).
- **Osero J. O. S.**, Otieno M.F., and Orago A.S.S., (2006). “Mothers’ knowledge on malaria and vector Management strategies in Nyamira District, Kenya”, *East African Medical Journal*, Vol.83 No.9 pg 507-514
- **Osero J. O. S.**, Otieno M.F., and Orago A.S.S., (2006). “The role of child health clinics in promoting the use of Insecticide Treated Nets among children under five years in Nyamira district Kenya”, *East African Medical Journal*, Vol.83 No.8 pg 450-454.
- **Osero J. O. S.**, Otieno M.F., and Orago A.S.S., (2005), “Maternal use of Insecticide Treated Nets in the prevention of malaria among children under five years in Nyamira district Kenya”, *East African Medical Journal*, Vol.82 No.10 pg 495-500.



## 7.2 Article in Conference Proceedings

- Akolo M., Kimani J., **Osero J.**, Chitwa M, Gichuki R, Gelmon L, (Condom demonstration and supply to index clients and supply to index clients in HIV-sero Discordant Relationships is a key component in positive Health, Dignity and Prevention (PHDP) Compliance in Nairobi, Kenya.

## 8.0 NETWORKING AND COLLABORATION WITH EXTERNAL ORGANIZATION

- **June, 2016 to December, 2016** Designed and conducted mother and baby IYCF and WASH project Homa-Bay and Migori Counties Kenya
- **September, 2015 to October 2015:** Designed and conducted End of Project Evaluation of Baki Area Rehabilitation Programme Awdal Region, Somaliland Funded by World Vision Somalia
- **March 2015 - July 2015:** Designed and conducted Nutrition Causal Analysis (NCA) in South Central Somalia (in Gedo, Hiran, Bay, Bakool and Benadir) Funded by Save the Children, Concern World, ACF, Oxfam and World Food Programme
- **December, 2014 – January, 2015:** Design and Conducted an assessment an assessment of Knowledge, Attitude and Practice on tuberculosis programme in Somaliland, Puntland, and South & Central Funded by Global Fund and World Vision Somalia
- **2013-2015:** Design and Conducted HIV/AIDS Awareness Program and Local Participation of Ejinja-Bumala (C30) Road
- **2013:** Design and Conducted End Term Evaluation on a Knowledge Attitude and Practice (KAP) assessment for the Communal WASH programme in Maparasha location, Kajiado County (by NIA)
- **2012:** KARSCOM quarterly review of Kenya HIV and AIDS Strategic Plan by National HIV and AIDS Control Council
- **2010:** KARSCOM quarterly review of Kenya HIV and AIDS Strategic Plan by National HIV and AIDS Control Council
- **2009:** KARSCOM quarterly review of Kenya HIV and AIDS Strategic Plan by National HIV and AIDS Control Council
- **2010 – 2011:** Design and Conducted End Term and Formative Evaluations of Ngadakarin Bamocha Maternal Child Health and Social Development Project in Turkana North District Kenya (AMREF)

## **9.0 EXTERNAL AND INTERNAL GRANTS**

- 2011: Awarded 70,000 Research grant by Kenyatta University

## **10.0 LOCAL, REGIONAL AND INTERNATIONAL APPOINTMENTS**

### **10.1 External examiner in other universities**

- 2015 – Date: School of Health Sciences, Greta University.
- 2013: Master Thesis, Department of Biotechnology, Jomo Kenyatta University of Agriculture and Technology

## **11.0 COMMUNITY OUTREACH**

- Board Member of Friendly Action Network (FANET) Organization, local NGO in Nakuru working with Venerable community members including IDPs
- Member of school board of governors Nsicha Primary School, Nyamira County
- Member of church council at Kenyatta University SDA group

## **12.0 ACADEMIC LEADERSHIP**

### **12.1 Development of teaching/academic programmes in department/school/university**

- Participated in reviewing MPH- M&E programme for the department of Community Health in October 2013.
- Participated in developing B.Sc.Health Records and Information Management Curriculum in June - July 2013
- Appointed as a programme leader (Public Health) Mombasa Campus

### **12.2 Developing programmes external to Kenyatta university**

- **January 2007-2008:** Development and implemented community health course for Diploma students for Mount Kenya University
- **September 2008:** Developed and implemented Environmental Health Diploma course for Mount Kenya students.
- **September 2009:** Developed and implemented Environmental Health degree course for students in Mount Kenya University.
- **September 2009:** participated in the Development of curriculum for clinical medicine degree course for Mount Kenya University.

### **12.3 Initiating/leading research project**

- **March –September 2011:** Principal Investigator for research on Health Consequences, Responses and Prevention Strategies of Sexual Violence among Survivors in Selected Hospitals in Kenya.
- **August - September 2003:** Principal Investigator for research on Maternal use of Insecticide Treated Nets in the prevention of malaria among children under five years in Nyamira district, Kenya.

### **13.0 OTHERS**

#### **13.1 Contribution to university advancement**

- In Teaching and Examining students
- In Research and innovation
- In administrative duties as Ag. Chairman of Department, School Chairman of Department, School of Public Health coordinator of postgraduate committee, department of community Health coordinator of postgraduate committee, Examination coordinator, among other committee which enhance the university

#### **13.2 Membership of Professional Bodies**

- Lead expert in Environmental Impact Assessment/Audit Expert.

### **14.0 REFEREES**

#### **Dr. John Paul Oyore**

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Kenyatta University  
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#### **Dr. Isaac Mwanzo, PhD**

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#### **Dr. Otieno George Ochieng**

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