

CURRICULUM VITAE

Simon K. Ruttoh PhD, MA, BA, DPHM, PGDPM&IR

Date of Birth: November 25th 1959

Home District: Londiani

Country of Birth: Kenya, East Africa

Gender: Male

Marital status: Married

Occupation: Senior Lecturer

Languages: English, Kiswahili, Kalenjin

Present Address: Department of Geography, School of Arts and
Social Sciences, -Moi University. P.O. Box 4606,
Eldoret Kenya

E-mail: simonruto@gmail.com

Current Position: Senior Lecturer,

Department of Geography, School of Arts and Social Sciences

FORMER ADMINISTRATIVE & OTHER POSITIONS:

1. YEAR: 22nd November 2011 -2014

HOD, Department of Health Policy and Management, School of
Public Health Moi University.

2. YEAR: 2006-2007

Deputy HOD Business Department, Eldoret National Polytechnic

3. YEAR: 2002-2004

Principal, Chebewor School

EXTERNAL EXAMINER: KENYATTA UNIVERSITY

March 15th 2017: (Appointed as an External Examiner for the academic year **2016-2017, 2017-2018**), Department of Population, Reproductive, & Community Resource Management- Kenyatta University.

Jan 29th 2019: Renewal of appointment as an external examiner for academic year 2018-2019, Department of Population, Reproductive Health & Community Resource Management

5th October 2021: Renewal of appointment as an External Examiner for the academic year 2020-2021.

PERSONAL STATEMENT:

Professionally, I am a Demographer, having attained both Masters and Ph.D degrees in Population Studies under University Grants

Commission Scholarships in India. I hold BA Degree (Economic, Sociology and Political Science) from Mohan Lal Sukhadiia University

Other qualification attained include **Diploma in Population and**

Health, Post Graduate Diploma in Personnel Management and

Industrial Relations from Annamalai university. **Post-Graduate**

Diploma in Computer Science and Application from Indian Institute of Computer Training Udaipur City – Rajasthan State, India:

Administratively, I, am a result-oriented leader, practicing

professionalism, team work, and team spirit. I have over fifteen years of

experience in administrative positions in both high schools and higher learning institutions. I teach GEO 221 Population Geography, SES 213 Population Dynamics and Resource Use, & BGS 221 Geography of Displaced persons and at School of Public Health, I teach Health Economics, Health Financing and Demography (COBES 1) both undergraduates and post graduate students and supervision of MPH Theses. I am also supervising two PhD candidates of Jomo Kenyatta University of Agriculture and Technology. I have attended learned conferences, Seminars, and workshops, carried out research and published in journals and in Chapters in books, served as external examiner. A member of several professional associations: a member of Association of Economist of Tamil Nadu and Pondicherry, - India

CURRENT ACADEMIC POSITION:

Senior Lecturer, Department of Geography, School of Arts and Social Sciences-Moi University.

ACADEMIC AND PROFESSIONAL QUALIFICATION

1996-2000: Annamalai University; Doctor of Philosophy (Ph.D) In Population Studies. Dissertation Entitled, “A Comparative Study on Indo-Kenya Anti-Natalist Policies for Sustainable Development”.

1994-1996: Annamalai University; Tamil Nadu State – India: Master of Arts (M.A) in Population Studies. 1st class

Courses offered: Sources of Population Data,
Population Growth Structure and Characteristics,
Fertility,
Mortality,
Population Ecology and Urbanization
Migration,
Demographic Models,
Basic Sociology Population and Social Development,
Basic Economics and Population and Economic
Development,
Research Methodology,
Health Education and Nutrition,
Communication and Population Education,
Statistical Techniques,
Population Theories and Policies,
Family Planning,
Practical Techniques of Population Analysis and Dissertation
and Viva Voce

1991-1994: M. Sukhadia University; Bachelor of Arts (B.A) Economics
Sociology and Political Science (2nd class).

OTHER QUALIFICATIONS

**1998-1999: Annamalai University; Diploma in Population and
Health Management. 2nd Class**

Course offered:

- 110 Population Dynamics
- 120 Population Problems
- 130 Health Policy and programs
- 140 Health Management

**1995-1996: Annamalai University: Post Graduate Diploma in
Personnel Management and Industrial Relation. 2nd class**

Course offered:

- 110 Principles of Personnel Management
- 120 Organization Behaviour and Industrial Relations
- 130 Human Resource Developments
- 140 Industrial Relations and Labour Welfare

**1994 Indian Institute of Computer Training Udaipur City –
Raj. India: Post-Graduate Diploma in Computer Science
and Application.**

Course offered:

- Introduction to computers and MS DOS Operating system
- Flow charting and basic programming
- Word processing with WORD STAR and MS WORD
- Electronic spreadsheet with Lotus 1-2-3 and QUATTRO
- Data Base management system with Dbase III + CLIPPER
and FOX PRO, Essential utilities for IBM-PC Programming

in “C” language and EENIX/UNIX Operating System,
Local Area Networking

COBAL programming with Business Applications, System
analysis and Design Level – 1, Computer Organization and
Fundamentals of Data Processing, Installation and
Maintenance of IBM-PC Computer

1979-1981: Mosoriot Teachers College: Teachers Certificate

1975-1978: Rongai Boys High School: Kenya Certificate of Secondary
Education

1968-1974: Kedowa Primary School: Certificate of Primary Education

TEACHING ACTIVITIES:

SCHOOL OF ARTS AND SOCIAL SCIENCE (SASS)

Department of Geography:

GEO 221 Population Geography (Core BA/Bed)

BGS 221 Geography of Displaced Persons (Elective)

SES 213 Population Dynamics and Resource Use.

Post Graduates:

1. School of Public Health (SPH) Eldoret Campus

PHS 822: Health Economics

PHA 822: Health care Financing

TRAINING ATTENDED

Aug. 26th – 31st 2007: Quality Assurance and Leadership Workshop.

Alpha Palace Hotel Kigali Rwanda

Course covered: Defining quality and concept of quality
Measuring quality
Perspectives and dimension of quality
Principles of quality improvement
Quality assurance
The quality assurance triangle – defining quality
The quality assurance triangle – measuring quality
The quality assurance triangle – improving quality
Tools in quality improvement; Project planning and implementation tools (Gantt charts, PDCA, PPPP, PIF)
Tools in quality improvement; management and planning tools, process and causal analysis
Strategic leadership for quality improvement
Leadership skills.

Aug. 26th – 1st Sept.2009: Training on District Public Health Emergency Planning and Management organized by LIPHEA and School of Public Health held at Kerio View Hotel, Iten.

Oct. 3rd to 6th, 2007: Problem Based Learning (PBL) Workshop Organized by School of Medicine, Moi University on 2007 at Kisumu Hotel.

Areas covered: Methods of teaching

Problem based learning

Curriculum planning development and evaluation

Practicum on small groups – tutorial process

(PBL)

June, 6th 2008: Course Coordinators Workshop organized by School of Medicine: The workshop topics covered:

- Roles of course coordinators
- Roles of Year Coordinators
- Course Introduction
- Evaluating the Course /End of Course Review
- Course unit Distribution (I) Teaching (ii) Examination

Aug. 18th – 19th, 2008: Planning Academic Activities Workshop

Organized by School of Public Health at St. John
Pastoral Centre, Eldoret

Aug. 26th to 1st Sep. 2009: District Public Health Planning and

Management. Organized by LIPHEA at Kerio
View Hotel

Sept. 15th – 1st Oct 2009: Training on Preparing Online Instructors: An

Introduction to Open and Distance Learning:

Organized by Directorate of Open and Distance
Learning and facilitated by Prof. Kathleen Kelsey,
a Fulbright Scholar from Oklahoma State

University, USA: Modules covered includes:

- Why Distance Learning
- Characteristics of a Distance Learner
- Foundation of Online Course Design
- Building on Line Classroom using Open Source Software
(Chisimba)
- Developing Online Instructional Content
- Developing Instructional Multimedia
- Instructional Resource and Support
- Developing Online Assessment Strategies
- Online Classroom Management
- Copyright and Fair Use
- Outcomes and Impacts: Evaluating Online Courses for Quality Control.

Sept. 15th to 1st October 2009: A Course on Preparing Online

Instructors: An Introduction to Open and Distance Learning:

Modules:

Why distance learning

Characteristics of Distance Learner

Foundations of online Course Design

Building an Online classroom using Open Source Software

Developing Instructional Multimedia
Instructional Resource and Support
Developing Online Assessment Strategies
Online Classroom Management
Copyright and Fair Use
Outcomes and Impacts: Evaluating Online
Courses for Quality Control

February 22nd to 26th 2010: Trainer of Teachers (TOT) Organized by Moi University (MU) And Moi Teaching and Referral Hospital (MTRH) In Collaboration with Muhimbili University of Health Sciences School of Public Health and Social Sciences (Tanzania), Makerere University, School of Public Health (Uganda) and Universitats Klinikum Heidelbaerg (Germany)

Dec 12th to 13th 2012: Attended the **QUALITY ASSURENCE WORKSHOP** organized by **OHCEA** held at La Mada Hotel Nairobi.

Jan 21st to 24th 2013: Attended Inter-university workshop to nature collaboration, curriculum review, co-teaching and partnerships organized by **OHCEA** at Panari Hotel-Nairobi

Sept 16th to 20th 2013: Training on: Innovative Teaching Methodologies and Clinical Mentorship Workshop conducted by partnership for advanced clinical education at Sirikwa Hotel

Jan 20th to 24th 2014: Moi University Science Knowledge Base Training (MUSK) Organized by OHCEA.

March to September 2014: Participant of the **Virtual Leadership Development Program for AHLMN** Member Institution sponsored by USAID, AMREF, IPPF, Medic Mobile Msh.

June 29th 2015: Attended and completed a course on:
(i) **The role of stress in Alcoholism and Drug Abuse**
(ii) **Stress and Stress Management** organized by Moi University

Jun 13th – 17th 2016: One Health E-Learning Workshop Engineering the Experience – Sponsored by USAID.

June, 12th-16th 2017: Training with USAID One Health Workshop Project on **One Health E-Learning**, held at Boma Inn -Eldoret

WORK EXPERIENCE

1981-1990: Moi's-Bridge School Teacher

- 2002-2004:** Principal, Chebewor High School,
- 2005-2007:** Deputy Head of Business Department, Eldoret Polytechnic
- May, 2007 – Nov 2011:** Moi University: Lecturer, teaching and Supervising MPH candidates in theses writing and teaching both undergraduate and postgraduate students.
- 22nd November 2011** - HOD, Health Policy and Management, School of Public Health-Moi University:

ACADEMIC PUBLICATIONS

(a) Books Published

1. Ruttoh, S. K Wakuloba M, Ruttoh, K.B. *“Reproductive Health for Sustained Economic Development in Kenya”*, Lambert Academic Publishing 2014, ISBN: 978-3-659-5956-1 (Published)
2. Dissertation entitled *“A comparative Study of Indo-Kenya Anti-Natalist policies for sustainable Development”* (Ready for publication)

(b) Academic Published Chapters in books

1. Ruttoh¹, S.K, Faith Yego² and Keneth Okemwa³ “The Effects and outcomes of the Doctors and Nurses Strike to Patients in Need at Moi Teaching and Referral Hospital in Kenya between August 2016 and March 2017.A Case Study. In emerging Trends in Disease and Health Research Vol 1. No 2022/BP/15980D B.R Publishing Corporation
2. Ruttoh,S.K *“Reproductive Pattern on Maternal and Child Health and an Overview of Prevalence and control Strategies of HIV/AIDS in Kenya”*. In

Reproductive Health of Human Kind in Asia and Africa. A global Perspective Vol.1 edited by Prof. K Mahadivan et al B R Publishing No 2022/BP/15980D Corporation – New Delhi

3. Ruttoh, S.K; Omondi, D.W.I, Nafula: **Tunga Penetrant. A Silent Setback to Development in Kenya.** JESE. 2010029-2 in *Journal of Environmental Sciences and Engineering B* 1 (2012) 527-5345(2011) April 20, 2012.

(c). Academic Published Papers

1. Okemwa Keneth; Ruttoh S.K, '*Towards adopting an `Economic impact' Approach in the Classification of the Burden of Oral Diseases: The Case of East Africa Countries.*
2. Bonny E Balugaba,^{a,b*} Simon K Ruttoh,^a Elizabeth K Ekirapa,^b Abraham A Siika,^a Martin C Were.^{a,c} '**Cost Analysis of an Electronic Medical Record System at an Urban Clinic in Kampala, Uganda'** *Journal of Health informatics in Africa, vol.6 No 2(2019) Special issue "From Evidence to Practice: the implementation of Digital Health Interventions in Africa for achievements of Universal Health Coverage"*
3. Ruttoh, S.K, Milward Tobias, Ruttoh B K: **An Inquiry into the Relationship between Population Growth and Development; the case of Malawi and Kenya.** JESE-E20181120-01 *Journal of Environmental Science and Engineering ISSN 2182-5298 (PRINT) ISSN 2182 6301 (ON LINE), DOI 1017285/2162-5298 Volume 7, Number 10, October 2018. Serial Number 76*
4. Joachim K. Rotich; Mabel N. Nangami, Simon K. Ruttoh: **Responsiveness to Students' Health Care Expectations at The Moi University Health Centre in Kenya: IOSR Journal of Nursing and Health**

Science (IOSR-JNHS) e-ISSN: 2320–1959.p- ISSN: 2320–1940 Volume 7, Issue 1 Ver. IV. (Jan.- Feb .2018), PP 52-63

5. Ruttoh, S.K, Milward T, Ruttoh B K: ***The Status of Human Immuno-Deficiency Virus (HIV) Infection among Youth Aged 15-24 Years in Malawi and Kenya.*** *Journal of Environmental Science and Engineering B Volume 6 number 7 July 2017.*

6. Ruttoh, S.K; Omondi, D.W.I, Nafula: ***Tunga Penetrant. A Silent Setback to Development in Kenya.*** *JESE. 2010029-2 in Journal of Environmental Sciences and Engineering B 1 (2012) 527-5345(2011) April 20, 2012.*

7. Ruttoh S.K Omondi D, ***Reproductive health: A People’s Perception in Nambale*** in *International journal of Biological Sciences Vol.2, Nov. 2010*

(e) Papers presented in Workshops/Conferences/National Seminars Locally and Internationally

31st May, 2013: Session Chairman, Cross Cutting; during *Third Annual International Conference on Innovations for Advancement of Humanity IFAH 2013 organized by the Eldoret Polytechnic.*

2011: Session Chairman; crosscutting; during First Annual International Conference on Advances in Technology and Socio-Economic Development ASTED 2011 organized by the Eldoret Polytechnic.

- 2011:** Presented two papers during 7th Annual International Conference 6th – 10th September, 2011 at Moi University: i) *Reproductive Health for Sustained Economic Growth in Kenya.*
ii) *Socio-Economic and Health Effects of an Aging Population in the next Millennium. A case of Kenya and Malawi (Accepted for Publication).*
- 2010:** Presented a paper titled “*Effectiveness of Public Law Enforcement and their compliance in Kabarnet Municipality*” during 16th Biennial Scientific Conference held at Tom Mboya Labour College Kisumu on 13th – 15th October, 2010
- February 14th 2000:** Africa Participated in National Seminar on Reproductive Health and Presented Paper titled “*Strategies for Sustainable Reproductive Health in Asia and Sub-Saharan Africa*”:at Sri-Venkataswara University Andra Pradesh State India Sponsored by University Grants Commission (UGC)
- 27th March 2000:** Participated in National Seminar on Eco-Friendly Environment for Sustainability, at Annamalai University, and presented paper titled “*Impact of Motor Vehicle Emission and Air Quality in Urban Sector*” sponsored by University Grants Commission (UGC)

20th January 2000: Participated at the Annual Conference of the Association of Economist of Tamil Nadu and Pondicherry at Madurai Kamaraj University. Presented paper entitled, “*Gender Equity and Development of Women in Kenya*” sponsored by (UGC)

28th February – 3rd March 1999: Attended a Symposium on HIV/AIDS/ STD Health Life Style at Annamalai University organized by Government of India – Ministry of Human Resource Development, Department of Youth Affairs and Sports, NSS Regional Centre, Madras – Tamil Nadu State

20th – 21st March 1999: Participated in Annual Conference of the Association of Economist of Tamil Nadu and Pondicherry at Annamali University. Sponsored by UGC presented paper entitled “*Factors Contributing to Unmet Needs for Family Planning in Cuddalore District*” Tamil Nadu State – India

26th – 31st December 1999: Participated in the XXIII Annual Indian Social Science Congress at Tamil University sponsored by UGC. Presented paper titled “*Beyond Sixty, Demographic and Socio-Economic and Health Implications of an Aging Population in third Millennium*”

2nd February 1988: Participated at a National Seminar on Urbanization and Urban growth in Tamil Nadu. Presented paper titled “*Urbanization and Urban Growth – Global Perspective*”. (Unpublished).

12th February 1997: Attended XX Annual Conference of the Indian Association for the Study of Population at Bharathier University, sponsored by the University Grants Commission.

27th – 28th February 1997: Participated in a National Seminar on Ecological Consequences of Rapid Population Growth, at S V University – Andra Pradesh State, sponsored by University Grants Commission. Presented paper entitled “*Pollution of Air, Water and Soil*”

8th November – 9th March 1997: Participated at 8th Annual Conference of the Association of Economist of Tamil Nadu and Pondicherry at Bharidathasan University sponsored by University Grants Commission. Presented paper titled “*Socio-Economic Consequences of High Fertility to the Family with Specific Reference to Trichy District*” – Tamil Nadu State India

1st – 6th December 1997: Participated and presented paper titled “*Exogenous Determinants of Fertility and the Trade-off between Large Family Size and Child Education*”

during XX Indian Social Science Congress held at Tamil University and sponsored by University Grants Commission.

11th – 13th December 1997: Participated and presented paper titled “*An Analytical Framework for Analyzing the Determinants of Maternal Mortality*” during National Seminar on 9th, Five Year Plans – Projections, Prospects – Problems at St. Joseph University College – Trichy City – Tamil Nadu State sponsored by University Grants Commission

10th – 12th December 1996: Attended VII Training Workshop on *Research Methodology in Social Sciences* organized by Department of Economics and Applied Economics – Annamalai University.

LIST OF POSTGRADUATE STUDENTS SUPERVISED AND GRADUATED

- 1. Bonny Enock Balugaba:** *Cost analysis of an Electronic Medical Record system at an urban clinic in Kampala, Uganda - An organizational perspective-(2019)*
- 2. Boniface Mbuthia:** *An Assessment of Opportunities and Challenges of Implementing A National Accreditation and Quality Improvement Program for Public and Private Health Facilities in Kenya. – (2019)*
- 3. Winny Koskei:** *Influence of Medicine Stock-outs on Prescription patterns and Patient Safety at Kenyatta National Hospital, Nairobi County, Kenya-(2019).*

4. Joseph N Nguire: *Factors Associated with Health Care Services Utilization among Patients with Chronic Tungiasis In Murang'a South District, Murang'a County, Kenya. -2019*
5. Japheth Rutto: *Assessment of the Level of Fire Preparedness in Secondary Schools in Eldoret West District – Uasin Gishu County Kenya – (2016).*
6. Jackline B. Nyangau: *Assessment of Social Economic Factors on the access of Maternal and Child Health Health Services; A case of Laini Saba, Kibera, Nairobi County, Kenya. (2016)*
7. Joakim Rotich: *Responsiveness to Provision of Youth Friendly Services: A Case of Moi University Health Systems, Uasin Gishu County – (2016).*
8. Samwel K. Barae: *Knowledge, Attitudes, and Practices Related to Pap smear Test Among Female Health Professionals in Nairobi – (2014).*
9. Rael Muinde K.: *Male Involvement in PMTCT: A Case of Gatundu District – Kenya – (2013).*
10. Mary Chege: *Challenges faced by HIV/AIDS Orphans in their psychosocial status in Kapseret and Kesses Divisions – Wareng District Eldoret Kenya (2013).*
11. Lia Makuach Tuach: *Knowledge Attitude and Practice (KAP) on HIV/AIDS Among People Aged 15-49 Years in Malakal Town, Upper Nile State-South Sudan. (2011)*

12. John Kwemai Mengwa: *Assessment of Health Care services offered in Secondary Schools in Keiyo District – Kenya* – (2010).

PROFESSIONAL MEMBERSHIP AFFILIATION

1. Associate member of the Indian Council for Social Sciences (ICSS)
2. A member of the Association of Economists of Tamil Nadu and Pondicherry
3. Associate member of the Indian Association of the Study of population,