

## Curriculum Vitae

### Personal information

First name(s) / Surname(s)

**Josephine Wanjiku Ngunjiri(PhD.,Msc., BSc.Ed.**

Contact

15873- 00509 Langata-Hardy, Kenya

E-mail

Ngunjiri.josephine@embuni.ac.ke

Nationality

Kenyan

Gender

Female

### Interests

**Applied Parasitology, Tropical infectious diseases and Health metrics, Population Health, Neglected diseases, Global burden of Disease, Preventive and Environment and Health Preventive Health.**

**Health disparities , socio economic and cultural determinants of health outcomes and their impact on health status among children , work force and ageing population, improve health status through community health workers.**

### Work experience

2017

Lecturer, Teaching Biological units, supervision of students, research and training.

Department of Biological Sciences,  
School of Pure and Applied Sciences,  
University of Embu, P.o. Box 6-60100 Embu.

2012-2017

Lecturer, teaching Conflict and Sustainable Environment, Biology methods, Research methods and Environmental Education.

Supervision of Master's degree Research projects,  
Invigilation of Masters, degree and diploma examinations  
School of continuing and Distance education

Department of Education

University of Nairobi,  
P.O.Box 30197-0100,  
Nairobi

2012-2013

Associate faculty

Teaching Medical Parasitology  
Mount Kenya University

P.O.Box 342-01000 Thika

2013

Presiding officer in General Election 2013

Delivering voting materials from and to the tallying centre,  
Initiate voting process using electronic tools,  
Supervising voting process,  
Reporting of the happenings during the voting and counting processes.  
Tallying votes cast.

2004-2008

Biology and Chemistry Teacher

Teaching, evaluation and testing, guidance and counselling, science congress projects, drama and Games and sports assistant.  
Kiriti Secondary School, Kiamariga Secondary School, Gaikundo Secondary School ,Gaaki Secondary School.

## Education and Training

2013-2015

Doctor of Philosophy (PhD)  
Tropical and Infectious Diseases  
University of Nairobi

2008-2011

Master of Science(M.Sc.)  
Applied Parasitology  
University of Nairobi

2003-2008

Bachelor of Education Science(B.Ed.Sc) 2<sup>nd</sup> Class Upper Honours  
Biology and chemistry  
University of Nairobi

1998-2001

Kenya Certificate of Secondary Education  
Mean Grade B minus  
Mahiga Girls Secondary school

1990-1997

Kenya Certificate of Primary Education  
Mean Grade B (436 Marks)  
Kangaita Primary School

**Personal skills and competences**

<b>Language(s)</b>	<b>English and Swahili</b>
<b>Technical skills and competences</b>	Parasitic diagnostic methods and research methods. Data collection procedures, analysis and interpretation. Use of Global burden of disease metrics and methods. Use of data analysis software Statistical Package for Socio Sciences (SPSS). Log frame and results framework project design.
<b>ICT skills and competences</b>	Competent in integration of ICT in teaching and learning. Word processor, power point presentation, Excel and use of data analysis software SPSS. Acquired in University of Nairobi
<b>Other skills and competences</b>	First aid skills acquired in Mahiga girls in collaboration with Red Cross Society of Kenya and driving skills.
<b>Thesis</b>	Ngunjiri J 2015. Impact of Tungiasis on School Age children in Murang'a County, Kenya. Doctorate degree of The University of Nairobi.  Ngunjiri J 2011. Soil factors influencing the occurrence of <i>Tunga penetrans</i> in Kenya. Masters degree of The University of Nairobi.
<b>Conferences and training workshops attended</b>	<b>2017</b> –Oral presentation; Impact of Tungiasis on school age Children in Murang'a County, Kenya. International Conference on Parasitology, Infectious Diseases, STDs and STIs September 21-22, 2017   San Antonio, Texas, USA.  <b>2017-</b> Poster presentation; Quantifying burden of disease caused by Tungiasis using disability adjusted life years metric among the children aged 5- 14 years in Murang'a County, Kenya. GBD 20 <sup>th</sup> Anniversary Symposium at Seattle, USA.  <b>2016</b> International Symposium on Cultural Diplomacy in the UN held in United Nations Headquarters on May 26 <sup>th</sup> -30 <sup>th</sup> 2016 in New York, USA.  <b>2015</b> Global Burden of Disease Technical Two Weeks Training Workshop hosted by Institute for Health Metrics and Evaluation of the University of Washington USA held in Eritrea, Greece.  <b>2014</b> 9 <sup>th</sup> e-Learning Africa International conference on Education in Kampala, Uganda.  <b>2013</b> 8 <sup>th</sup> e-Learning Africa International conference on Education in Windhoek, Namibia.  <b>2012</b> May 22 <sup>nd</sup> -25 <sup>th</sup> 7 <sup>th</sup> e-Learning Africa International conference on Education in Benin. Health and Information Communication Technology Cotonou , Benin.

## Publications

2011 - May 25 – 27 , 6<sup>th</sup> eLearning Africa International conference on Education in Dar es Salaam, Tanzania,

The use of ICT in health sector to collect data, store the information and retrieve the same when needed.

Keiyoro P and Ngunjiri J 2016, Effects of Fire on Grazing Resources in the Savannah Grasslands Ecosystem in Nairobi National Park, Kenya. *International Journal of Scientific Research and Innovative Technology Vol.3, No.3*

Keiyoro P, Ngunjiri J, Mwanda W, Bowa O 2016. Influence of Disabilities caused by Tungiasis on School Attendance among School Age Children in Murang'a County, Kenya. *International Journal of Current Research. Vol.8, Issue3 28826-28830.*

Ngunjiri J, Keiyoro P and Mwanda W 2015. Impact of Tungiasis on acquisition of basic education among children aged 5-14 years in Murang'a County, Kenya. *International Journal of Scientific Research and Innovative Technology, Vol. 2 No. 6 :128-142*

Ngunjiri J, Keiyoro P and Mwanda W 2015. Quantifying Burden of Disease caused by Tungiasis Using Disability Adjusted Life Years metric among the children aged 5-14 years in Murang'a County, Kenya. *International Research Journal of Public and Environmental Health Vol.2 (10):151-158*

Lenairoishi D, Keiyoro P, and Ngunjiri J 2015. Factors influencing cattle rustling related conflict resolution in Kenya; A case of Baragoi Sub-County of Samburu County. *International Journal of Current Research Vol.7 Issue,10,pp.21087-21092*

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Ngunjiri, J, and Keiyoro, P 2011. Soil factors influencing the occurrence of *Tunga penetrans* in Kenya. LAP LAMBERT Academic publishing GmbH&Co.KG, Germany, 7,30,53-54.

Keiyoro P, Ngunjiri J and Kinuthia R 2012. Use of mobile phones in reporting notifiable diseases in Kenya; A case of Nairobi metropolitan. *Book of Abstracts E-learning Africa 7<sup>th</sup> International conference.*

**Manuscripts reviewed in peer reviewed Journals**

The Effect of Blended Learning Instructional Approach on Secondary School Students Academic Achievement in Geography in Akure, Ondo State, Nigeria.  
*Merit Research Journal of Education and Review*

The Contribution of Intelligence Quotient (IQ) on Biology Academic Achievement of Senior High School Students in Medan, Indonesia.  
*International Journal of Educational Policy Research and Review.*

Assessment of Water, Sanitation and Hygiene (WASH) Condition in Relation to Health in Student’s Residential Area of Ngoa-Ekelle III, Yaoundé-Cameroon.  
*International Research Journal of Public Health and Environmental Health.*

**Awards**

Research Grant 5<sup>th</sup> call National Commission of Science and Technology, 2014.  
6<sup>th</sup> eLearning Africa International conference scholarship, 2011.

**Students supervised**

Student name	Registration number	Title	course	status
Duncan Lenairoshi	L50/609 36/2013	Factors influencing conflict resolution programs in kenya.a case of Baragoi Sub county of Samburu county.	Masters of Arts in Project Planning and Management	Graduated 2014
Magare Tabitha Kwamboka	L50/605 28/2013	Influence of school leadership in integration of information communication technology in teaching and learning in public secondary schools: A case of Buuri	Masters of Arts in Project Planning and Management	Graduated 2015

		Sub-county, Meru, Kenya		
Salome Temba	L50/830 36/2012	Factors influencing the provision of housing in Kenya: A case of Nairobi county.	Masters of Arts in Project Planning and Managem ent	Graduat ed 2015
Nabulu Lesinko Ole	L50/664 16/2013	Factors influencing performance of monitoring and evaluation of government projects in Kenya: A case of constituency development fund initiated projects in Narok East constituency.	Masters of Arts in Project Planning and Managem ent	Graduat ed 2015
John Muriira Arithi	L50/765 33/2014	Factors influencing Water use conflicts in Tigania East Sub-County in Meru County, Kenya	Masters of Arts in Project Planning and Managem ent	ongoin g
Abraham Kabui Kahuthia	L50/733 19/2015	Influence of Health Information Systems on Quality Medical Diagnosis of Malaria: A case of the Karen Hospital, Meru Town, Kenya	Masters of Arts in Project Planning and Managem ent	ongoin g

## **Collaboration and memberships**

**2016-up to date;** Collaborator, Institute for Health Metrics and Evaluation, University of Washington,  
2301 5th Avenue, Suite 600 | Seattle, WA 98121| USA

**2017 - Member;** The International Society for Neglected Tropical diseases I71-75 Shelton Street  
Covent Garden,  
London.

**2017- Member ;**Teachers Service Commission  
TSC House, Upper Hill, Kilimanjaro Road, Private Bag, 00100,  
Nairobi.