

CURRICULUM VITAE

PERSONAL DETAILS:

Name DANIEL MUTISO NTHIWA
 Date of Birth: 1986
 Sex: Male
 Languages: English, Kiswahili and Kikamba
 Citizenship: Kenyan
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CAREER OBJECTIVES

Acquire and apply knowledge and skills in solving societal problems, through service to society, contributions to alleviating pain and suffering to the general welfare of the Community.

RESEARCH INTEREST

Animal Health Research with focus on:

1. Development and application of molecular markers for diseases diagnostics and surveillance.
2. Emerging Zoonotic diseases and the role of wildlife as potential reservoirs.
3. Vector control with emphasis on the development of various insecticide attractant delivery systems for control of vector borne haemoparasites.

EDUCATION AND TRAINING BACKGROUND

DURATION	INSTITUTION	QUALIFICATION(Course content)
Oct -2011 to 2013	University of Nairobi	Topic: <i>Trypanosoma</i> infection rates in <i>Glossina</i> species in Mtito Andei, Makeni County, Kenya.
Oct 2010 to July 2011	University of Nairobi	<u>M.Sc In Applied Parasitology</u> <ul style="list-style-type: none"> • Statistical Methods and Modeling • Research methodology • Epidemiology of parasitic infections • Geographical Information Systems(GIS) • Parasitological field course • Parasitological Techniques • Medical Protozoology • Medical Helminthology • Applied Molecular Biology and Immunology of parasitic infections.

		<ul style="list-style-type: none"> • Vector Biology and Control • Parasite Physiology and Chemotherapy
2006-July 2010	University of Nairobi	B.Sc. Biology , First class Honors
2001-2004	Kabaa High School	Attained a mean Grade of A- in KCSE
1993-2000	Kikata Primary School	Attained 529 mark out of 700 in KCPE

RESEARCH EXPERIENCE

Oct 2011 to April 2012	UoN Msc project	<ul style="list-style-type: none"> • Experience in designing research protocols, writing research proposals, data collection, data analysis (with good command of excel, MS and SPSS), result interpretation and reporting. • Coordination and maintenance of good relationship with field assistants and locals in Mtito Andei Kenya. • DNA extraction from infected Tsetse organs (proboscis, salivary glands and midgut), amplification of extracted DNA using specific trypanosome primers and gel electrophoresis to characterize various trypanosome species based on band sizes. • Training on tsetse dissection at International Centre for Insect Physiology and Ecology (ICIPE) • Training on health research ethics at Kenya Medical Research Institute (KEMRI).
July-Oct 2009	Kenya Agricultural Research Institute (KARI).	Attachment in various departments such as plant pathology, molecular biology and insectary.

OTHER WORK EXPERIENCE

Sep. 2014 up date	Embu University College A constituent College of the University Of Nairobi.	Tutorial Fellow and Examination Coordinator department of Biology.
2013	Lake Institute of Tropical Medicine	Lecturer and Coordinator of JKUAT Courses at the institute.
2012	Sai pharmaceuticals	Working as a medical representative
July to Oct 2010	Kitie Secondary School	Worked as a Biology teacher
Aug 2010	Interim Independent	Referendum clerk

	Electoral Commission (IEEC).	
2006-2010	Biological Association of Nairobi University (BANUS)	Member and coordinating various tree planting events.
2005/6	Kathiani Slopes Secondary School	Biology and chemistry teacher

PERSONAL QUALITIES AND TRAITS

- Team player, able to work well with people of various backgrounds and endowments.
- Working in a challenging environment offering room for career progression.
- Able to work within tight schedules and with minimum supervision.
- Honest, smart working and highly motivated individual with good communication and Strong interpersonal skills

HOBBIES

- Reading scientific and Christian literature
- Singing and listening to gospel music
- Making friends, Playing and watching football

REFEREES

<p>Prof Horace Ochanda Associate dean–Kenya Science Campus University of Nairobi P.O BOX 30197-00100 Phone:+254722228231 Email: hochanda@uonbi.ac.ke</p>	<p>Dr. David odongo (Lecturer) University of Nairobi, School of Biological Sciences, P.O. Box 30197 -00100 Nairobi, Mobile: +254722984090, Email: david.odongo@uonbi.ac.ke</p>	<p>Mr. Kioko Nzuki Mwanja Chief Research Officer, Ministry of Higher Education, Sciences and Technology, Directorate of research management and development, P.O. Box 30568-00100 Nairobi, Mobile: +254 727701861, Email: mwanja@scienceandtechnology. go.ke</p>
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