



# THE TECHNICAL UNIVERSITY OF KENYA

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School:	Biological and Life Sciences
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## EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	PARASITOLOGY	THE TECHNICAL UNIVERSITY OF KENYA(Kenya)	2018
Masters of Science (M.Sc.)	APPLIED PARASITOLOGY	UNIVERSITY OF NAIROBI(Kenya)	2010
Bachelor of Science (BSc)	BOTANY/ZOOLOGY	UNIVERSITY OF NAIROBI(Kenya)	2005

## WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
OCTOBER 2014 - Now	THE TECHNICAL UNIVERSITY OF KENYA	LECTURER
September 2012 - Dec 2012	KENYA METHODIST UNIVERSITY	PART TIME LECTURER
2009 - 2014	DUDUTECH K LIMITED	QUALITY CONTROL MANAGER

## GENERAL STATEMENT ON RESEARCH AREAS

To use knowledge and skills to impact my country by engaging in scientific research aimed at alleviating the burden of parasitic infections and improving the health status of the community.

## CURRENT RESEARCH PROJECTS

INTEGRATED SCHISTOSOMIASIS CONTROL-CASE STUDY OF MWEA IRRIGATION SCHEME	PARASITOLOGY/IMMUNOLOGY
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## SELECTED PUBLICATIONS

TITLE	LINK TO PULICATION
Ochilo, W. N., Otipa, M., Oronje, M., Chege, F., Lingeera, E. K., Lusenaka, E., & Okonjo, E. O. (2018). Pest Management Practices Prescribed by Frontline Extension Workers in the Smallholder Agricultural Subsector of Kenya, <i>Journal of Integrated Pest Management</i> , 9(1): 15; 1-9.	<a href="http://doi.org/10.1093/jipm/pmy009">http://doi.org/10.1093/jipm/pmy009</a>
Evaluation of the Beneficial Nematode <i>Phasmarhabditis hermaphrodita</i> in the control of <i>Biomphalaria pfeifferi</i> . <i>Afr J Health Sci.</i> 2015; 28(1):168-170	<a href="http://www.ajhsjournal.or.ke">http://www.ajhsjournal.or.ke</a>
Okonjo Edward, Yole D., Ogoyi D (2017). Prevalence and intensity of <i>Schistosoma mansoni</i> before and after chemotherapy in school aged children, <i>Journal of Biology, Agriculture and Healthcare</i> , 7(22), 29-36.	<a href="http://www.iiste.org">http://www.iiste.org</a>
Detection of induced proteins in the haemolymph of <i>Biomphalaria pfeifferi</i> infected with <i>Schistosoma mansoni</i> .	<a href="http://dx.doi.org/10.4314/jab.v8i1.2">http://dx.doi.org/10.4314/jab.v8i1.2</a>
Okonjo Edward., Yole D., Ogoyi D (2017). Evaluation of the knowledge and activities of a local community in Mwea endemic with schistosomiasis, <i>Journal of Natural Science Research</i> , 7(22) 95-104.	<a href="http://www.iiste.org">http://www.iiste.org</a>

**COURSES TAUGHT**

NAME	DESCRIPTION	PERIOD
HELMINTHOLOGY	Helminth parasites, life cycle, pathogenesis, treatment and control	2014 - TO-DATE
PROTOZOOLOGY	protozoan parasites, life cycle, pathogenesis, treatment and control	2014 - TO-DATE
Principles of immunology	A look into the bod defense mechanisms, cellular and humoral responses and interactions, immunodeficiency, vaccine development etc	2012 - TO-DATE
Research Methods	Proposal development and techniques in carrying out research	2014 - TO-DATE
medical parasitology	parasites of medical importance and their vectors, life cycle pathogenesis and control	September 2012 - December 2012