



THE TECHNICAL UNIVERSITY OF KENYA

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School:	HEALTH AND BIOMEDICAL SCIENCES
Department:	Biomedical Sciences and Technology
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Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	BIOLOGICAL SCIENCES	UNIVERSITY OF MANCHESTER(United Kingdom)	1997
Masters of Science (M.Sc.)	ENDOCRINOLOGY	UNIVERSITY OF WISCONSIN at MADISON(United States)	1989
Bachelor of Science (BSc)	ZOOLOGY BOTANY CHEMISRTY	UNIVERSITY OF PUNE(India)	1984
Short Course/ Training	Good Clinical practice	Kenya Medical Research Institute(Kenya)	2010
Short Course/ Training	CITI Good Clinical Practice	International Centre for Reproductive Health Kenya(Kenya)	2009
O level/Equivalent	EAST AFRICAN CERTIFICATE OF EDUCATION	LIMURU GIRLS' HIGH SCHOOL(Kenya)	1978
KCPE/Equivalent	CERTIFICATE OF PRIMARY EDUCATION	KILIMANI PRIMARY SCHOOL(Kenya)	1974

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2014 - To Date	Technical University of Kenya	Professor of Biomedical Sciences
2011 - 2015	Technical University of Kenya	Associate Dean/Director. School of Health Sciences and Technology
2011 - 2014	Technical University of Kenya	Associate Professor. Biomedical Sciences and Technology

GENERAL STATEMENT ON RESEARCH AREAS

Molecular Mechanisms of Disease: Reproductive Health; Cancer; Cardiovascular Disease; Parasitology.

Public Health: HIV; Lung Disease and Clinical Trials.

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Rapid Activation of Nuclear Factor- κ B by 17 β -Estradiol and Selective Estrogen Receptor Modulators: Pathways Mediating Cellular Protection. <i>Shock</i> . 38(2):128-136	View online	
Impact of Aging vs. Estrogen Loss on Cardiac Gene Expression: Late Estrogen Replacement and Inflammation. <i>Physiol. Genomics</i> 43: 1065-1073.	View online	
Venue-Based Approach to Reaching MSM, IDUs and the General Population with VCT: A Three Study Site in Kenya. <i>AIDS and Behavior</i> 16 (4):818-828.	View online	
Changes in genotypes of Plasmodium falciparum human malaria parasite following withdrawal of chloroquine in Tiwi, Kenya. <i>Acta Tropica</i> . 123 (3): 202-207.	View online	
Intensity of Nematode Infection in Children Aged 3 to 5 Years Living in Mukuru Kwa Njenga Slum Settlement, Nairobi, Kenya. <i>J Trop Med</i> . 2020 Apr 14;2020:4124808. doi: 10.1155/2020/4124808. eCollection 2020.	View online	
Predictors of Factors Sustaining HIV/STI Protective Behaviours among Adolescent Girls and Young Women in Mukuru Slums, Nairobi: A Retrospective Cohort Study. <i>Journal of Advances in Medicine and Medical Research</i> 22(9): 1-12. 2017	View online	

POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
EVANS BULIVA (PhD.)	BARRIERS OF ACCESS TO MATERNAL HEALTH CARE SERVICES IN RURAL KENYA	2014
LUCY MWANGI (MSc)	HUMAN PAPILLOMA VIRUS DNA TESTING BY CONSENSUS PRIMER REAL TIME PCR (RT PCR)	2013 UoN
EVELYN KARANJA (MSc.)	PREVALENCE OF GLYCOPHYRN B POLYMORPHISMS IN MALARIA PARASITES IN FOUR DISTRICTS IN KENYA	2012 Egerton
LYNDA ALLAN (PhD) https://pubmed.ncbi.nlm.nih.g	PAEDIATRIC INTESTINAL NEMATODES INFESTATION IMPACT ON IMMUNOLOGICAL RESPONSES TO PNEUMOCOCCAL VACCINE	2020 TU-K
JULIUS NGUKU (PhD.) https://www.journaljammr.com/	Predictors of Sustaining HIV Protective Behaviors by 18-24 year old Women in Resource-poor settings	2019 TU-K

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
MEMBER (Since 2004)	Diabetes Society (USA)
MEMBER (Since 1998)	Endocrine Society (USA)
MEMBER (Since 2013)	Association Reproductive Health Professionals
MEMBER	INTERNATIONAL AIDS SOCIETY
MEMBER	American Association for the Advancement of Science