



THE TECHNICAL UNIVERSITY OF KENYA

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NAME: DR MOSES WAMALWA WAKOLI



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Consultation Hours:	8AM-5PM MON - FRI

EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	Mathematical Statistics	University of Nairobi(Kenya)	2016
Masters of Science (M.Sc.)	Master of Science in Population Studies	University of Nairobi(Kenya)	08/09/1992
Bachelor of Education (B.Ed)	Bachelor of Education (Mathematics and Statistics)	Kenyatta University(Kenya)	10/12/1987
Certificate	KCE DIVISION I	CHERANGANI SEC. SCHOOL(Kenya)	1980

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
27th May 2017 - to Date	Technical University of Kenya	Deputy Registrar
15th March 2018 - to Date	Technical University of Kenya, Department of Statistics and Actuarial Sciences	Lecturer
1st July 2009 - 26th May 2017	Technical University of Kenya	Senior Assistant Registrar

GENERAL STATEMENT ON RESEARCH AREAS

Use of probability to model real-world situations (Stochastic Modelling)

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
MIXED POISSON DISTRIBUTIONS ASSOCIATED WITH HAZARD FUNCTIONS OF EXPONENTIAL MIXTURES	View online	
SUMS OF HAZARD FUNCTIONS OF EXPONENTIAL MIXTURES AND ASSOCIATED CONVOLUTIONS OF MIXED POISSON DISTRIBUTIONS	View online	
The Effect of Pavement Damage on Number of Accidents and on Traffic Congestion on Roads Using Multivariate Analysis of Variance	View online	
APPLICATION OF KUMARASWAMY INVERSE WEIBULL DISTRIBUTION IN MODELING SURVIVAL DATA	View online	

POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
Dorcas W. Nduati	Application of Kumaraswamy Inverse Wei-bull Distribution in Modelling Survival Data	2016 - 2019
Angelina Auma Abuodha Oyoo	The Effect of Pavement Damage on Number of Accidents and on Traffic Congestion on Roads, Using Multivariate Analysis of Variance	2016 - 2019