

CURRICULUM VITAE

Edwine Benson Atitwa

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EDUCATION:

Year	Institution	Qualification	Specialization
2014-2019	Moi University, Kenya	Ph.D.	Biostatistics
2008-2011	Nairobi University, Kenya	MSc.	Applied Statistics(Social Statistics)
2001-2005	Nairobi University, Kenya	B.Ed.	Statistics
2002-2004	KASNEB,Kenya	CPA 2	Accounting
2006-2011	IAT,Kenya,South Africa, Europe	IT skills	ICDL ,advance excel and advanced access,SQL,SPSS,ODK,Oracle,Stata,N VIVO,Eviews,gretl ,R& EBCL,A+,N+,MCSD ,JAVA, and VB

WORK EXPERIENCE

Year	Institution	Position	Duties & Responsibilities
August 2021	University of Embu	Exam Coordinator department of mathematics and statistics.	-Coordinating exam process at the department. -Managing students results at the department.
September 2109-Present	University of Embu	Lecturer	Teaching Statistics at Master and undergraduate level, Developing curriculum, Departmental ISO-Champion

August 2017-August 2019	Great Lakes university- Share2 program(WASH study) in Nyalenda	Monitoring and evaluation manager/Project manager	Training, Budgeting, data management and analysis and coordinating research activities for the project
Feb-July 2017	Great Lakes University of Kisumu& SIMAVI(Youth reproductive health and rights in western Kenya)	Biostatistician	-Data cleaning -Data entry -Data analysis -Report writing
Oct- December 2016	Great Lakes University of Kisumu& APHRC(Packard Project-Changing the TIDE in contraceptive using in western Kenya-Family planning	Biostatistician	-Data cleaning -Data entry -Data analysis -Report writing
August 2016-July 2017	Great Lakes University of Kisumu	Lecturer	Lecturing biostatistics, Research, monitoring & Evaluation and Epidemiology. Supervising masters students. Head of Research and measurement department
2006- July 2016	Institute of Advanced Technology	Instructor, Assistant Lecturer,& Head of Department	Campus administration Staff Supervision, Curricula Development, Teaching, Research, Budgeting, approving claims and other expenses of the campus.

PUBLICATIONS

REFEREED JOURNALS:

- ❖ Osoro, Alfred A., Atitwa, Edwine B., Moturi, John K. (2020-09) Universal Health Coverage. World Journal of Social Science Research Vol. 7, No. 4, 2020
- ❖ Ngechu, J. N., Okeyo, H. O., Ongeso, A., Wanyoike, P. K., **Atitwa, E. (2020)** Socio-Demographic Factors And Knowledge Influencing Associated With ORS Use For Diarrhoea In Children At Miathene Sublocation, Meru County, Kenya. *International Journal of Innovative Research and Advanced Studies* (IJIRAS) 7 (5) www.ijiras.com
- ❖ **Benson Atitwa, E. (2015)**. Socio-Economic Determinants of Low Birth Weight in Kenya: An Application of Logistic Regression Model. *American Journal Of Theoretical And Applied Statistics*, 4(6), 438. doi: 10.11648/j.ajtas.20150406.14
- ❖ **Benson Atitwa, E. (2016)**. The optimum settings of culture conditions for optimum growth of kefir grains for nutrition and health using RSM with BBD". *International Journal for statistics and Applied mathematics*. 1(4) pp.24-33.
- ❖ Analysis of Effects of culture conditions on growth of kefir grains for nutrition and health using RSM with BBD (2016), American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS)
- ❖ Evaluation of random effects on growth of kefir grains for nutrition and health using RSM with BBD(2016), Journal of KNAS

Current Research

- ❖ Safe Start project in Nyalenda: 2017-2020, Study conducted by London school of hygiene and tropical medicine .
- ❖ Analysis of Rare events and their effects in Kenyan public hospitals: 2013-2020, study conducted by Professor Otieno Oketch(Uon) and Edwine B. Atitwa: Project is 65% complete.

Research Work submitted and accepted for publication.

- ❖ Analysis of Effects of culture conditions on growth of kefir grains for nutrition and health using RSM with BBD(2016), American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS)
- ❖ Evaluation of random effects on growth of kefir grains for nutrition and health using RSM with BBD(2016), Journal of Medical Statistics and Informatics.

Workshops & Conferences Attended

- ❖ 2018: Great Lakes university and NASAC, workshop on WASH Study

- ❖ 2017: Kisii County strategic plan for WASH program at the county.
- ❖ 2017: Great Lakes university of Kisumu-Reviving community health strategy
- ❖ 2012: INTERNATIONAL LABOUR ORGANIZATION (ILO), Inorero University.
- ❖ 2009: UNIVERSITY OF NAIROBI, College of Biological and Physical Sciences.

Workshop on Scientific Communication and Publication of research work

CONSULTANCIES

- i. Team Leader for tools development, Training and Supervision during the Household survey Carried out in Homa-bay County (October 2016 to 6th November 2016).
- ii. Consultant for project evaluation on the transition research project on behalf of Build Africa Kenya (April to May 2015).
- iii. Independent Consultant for Danish Demining Group on as SPSS trainer (23rd May 2012 to 30th May 2012).

REFEREES

1. Dr. David Mugo
University of Embu
Chairman MICT
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Tel: 0719574060

2. Prof. John Mutiso
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3. Stella Ngwalla
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4. Dr. Sheila Simiyu
Post-Doc Share 2 study
Great lakes University
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