

ABRIDGED CV

Bio Data

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Introduction

Maurice is a trained epidemiologist and biostatistician with 13 years of cumulative work experience in research related environment. Maurice is currently a PhD student (submitted) at the University of Witwatersrand, South Africa and holds a MSc. (Biostatistics and Epidemiology) from the same University and a Bachelor of Science (Mathematics and Computer Science) from Jomo Kenyatta University of Agriculture and Technology (JKUAT), Kenya. In the last 10 years, Maurice work has focused on the urban context, with focus on how different marginalised groups respond and benefit from government initiatives such as free primary education. He has gained technical expertise in study design, sampling, qualitative and quantitative data analysis, impact evaluation, report and scientific writing as well as fund raising and operational expertise in project and financial management as well as supervision. Maurice has special interest in understanding the inter-linkages between education and health, with a focus on the marginalized groups and vulnerable population. Maurice has authored and co-authored a number of articles in international peer reviewed journals. He is driven by the need to contribute to the development of marginalized people and also influence policies that can lead to improvement of their wellbeing.

Academic qualifications

2013 - to date	PhD, University of the Witwatersrand, South Africa (submitted)
2007	Msc, University of the Witwatersrand, South Africa
2004	B. Sc. Mathematics and Computer science, JKUAT, Kenya

Employment

2008 - to date	Data Analyst, APHRC, Nairobi, Kenya
2007 - 2007	Research Assistant, APHRC, Nairobi, Kenya
2004 - 2005	Field Interviewer and Data Entry Clerk, APHRC, Nairobi, Kenya

Recent 3 projects

Effect of food security and early child hood nutrition on cognitive development	The project focused on longitudinal analysis of data to understand the nexus between food security and child nutrition among children aged below 5 years in urban poor households in Kenya. Based on the analysis, a mixed methods study was inbuilt to understand the linkages between household food security, nutrition and cognitive development in poor urban settings. The work is in the final stages of analysis and report writing. I am the principle investigator in this project
Impact evaluation of school readiness intervention among pre-primary school learners in Kenya.	This is a randomized controlled intervention, which is currently on going and being implemented in four counties in Kenya. My role together with other team members is to conduct an impact evaluation. The study targets pre-school learners, and the impact evaluation is on a sample of schools and is being undertaken between 2015 and 2018. I participated in the design of the impact evaluation, conducted sampling, development of data analysis plan and actual data analysis. I am the statistician in this project
Advanced learning outcomes and transition to secondary school	This is an intervention project focusing on urban poor boys and girls who were in grade 6 at baseline (2016). I am participating in the impact evaluation. I was involved in the design, sampling, and development of analytical strategy. I am leading in the data analysis and reporting of the findings. The study is currently ongoing and with three points of data collection.

Publications

- Mutisya, M., Ngware, M. W., Kabiru, C. W., Kandala, N-B. (Under review). Effect of early childhood stunting on learning achievement among poor urban households in Nairobi, Kenya. *European Journal of Clinical Nutrition*.
- Mutisya, M., Ngware, MW., Kabiru, CW., Kandala, NB (2016). The effect of education attainment on household food security in two urban informal settlements in Kenya: A longitudinal analysis. *Food Security*. doi: 10.1007/s12571-016-0589-3
- Mbacké, C. F., Mutisya, M., Elungata, P., Beguy, D. (2016). Correlates of Spatial Differences in under-five mortality in Nairobi's informal Settlements. <http://dx.doi.org/10.11564/30-3-921>
- Mutisya, M., Kandala, NB., Ngware, MW., Kabiru, CW (2015). Household food (in)security and nutritional status of urban poor children aged 6 to 23 months in Kenya. *BMC Public Health* 15:1052. Doi:10.1186/s12889-015-2403-0
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- Abuya, B. A., Mutisya, M., & Ngware, M. (2014). Association between mothers' education and grade six children numeracy and literacy in Kenya. *Education 3-13*, 1-13.
- Ngware, M. W., Ciera, J., Abuya, B., Oketch, M. & Mutisya, M. (2012). What Explains Gender Gaps in Math Achievement in Primary Schools in Kenya? *London Review of Education*, 10 (1):

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- Oketch, M., Mutisya, M., & Sagwe, J. (2012). Do poverty dynamics explain the shift to informal private schooling system in the wake of free public primary education in Nairobi Ssums? *London Review of Education*, 10 (1): 0-16.
- Ngware, M., Oketch, M. Ezeh, A.C., Mutisya, M. & Epari, C. (2012) Assessing the impact of free primary education using retrospective and prospective data: Lessons from the Nairobi case study. *International Journal of Research and Method in education*, 35(1), 71-92.
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- Epari, C., Mutisya, M., Ezeh, C. A., Oketch, M. & Ngware, M (2011). Factors associated with low achievement among students from Nairobi's urban informal neighborhoods. *Urban Education*, 46(5): 1056 – 1077. doi: 10.1177/0042085911400323
- Oketch, M., Mutisya, M., Ngware M, Ezeh A (2010). Why are there proportionately more poor pupils enrolled non-state schools in urban kenya in spite of FPE policy? *International Journal of Education Development*, 30(1): 23-32.
- Mutisya, M., Orindi, B., Emina, E., Zulu, E., & Yazoume, Y. (2010). Is death rate among the under-five children in Nairobi slums seasonal? *Tropical Medicine and International Health*. doi: 10.1111/j.1365-3156.2009.02419.x
- Yazoume, Y., Zulu, E., Mutisya, M., Orindi, O., Emina, J., & Kyobutungi, C. (2009). Seasonal pattern of pneumonia mortality among under-five children in Nairobi's informal settlements, *American Journal of Tropical Medicine and Hygiene*, 2009, 81(5): 770-775