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CURRICULUM VITAE

Mufaro Kanyangarara

CONTACT INFORMATION

Department of Epidemiology and Biostatistics
Arnold School of Public Health
915 Greene Street,
Columbia, SC 29208
Tel: 803-777-8936
Email: mufaro@mailbox.sc.edu

EDUCATION AND TRAINING

Doctor of Philosophy, International Health, 2015
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD.

Master of Science, Biostatistics, 2009
Harvard T.H. Chan School of Public Health, Boston MA.

Bachelor of Arts, Applied Statistics, 2007
Mount Holyoke College, South Hadley, MA.

PROFESSIONAL EXPERIENCE

Assistant Professor, 2019 - present
Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina

Assistant Scientist, 2016-2019
Department of International Health, Johns Hopkins Bloomberg School of Public Health

Research Assistant, 2012-2015
Department of International Health, Johns Hopkins Bloomberg School of Public Health

Data Manager/Strategic Information Specialist, 2009-2011
Harvard PEPFAR program, Dar es Salaam, Tanzania

Research Assistant, 2008-2009
Department of Biostatistics, Harvard TH Chan School of Public Health

Public Health Intern, 2008
Oxfam America, Boston

Project Coordinator, 2007

Tsungirirai, Norton, Zimbabwe

Public Health Intern, 2006

Center for the Study of AIDS, Pretoria, South Africa

Health Intern, 2006

Centers for Disease Control and Prevention, Harare, Zimbabwe

HONORS AND AWARDS

- Certificate of Meritorious Service, University of South Carolina (2020)
- Education Innovation Award, International Health Department, Johns Hopkins Bloomberg School of Public Health (2017)
- Thesis Publication Award, International Health Department, Johns Hopkins Bloomberg School of Public Health (2015)
- International Scholar, Johns Hopkins Bloomberg School of Public Health (2011-15)
- Robert D. and Helen S. Wright Award, Johns Hopkins Bloomberg School of Public Health (2014)
- Research to Prevention Doctoral Student Publication Award, Johns Hopkins Bloomberg School of Public Health (2014)
- HIV Research Scholar, HIV Research Trust (UK) (2010-2011)
- Presidential Scholar, Harvard School of Public Health (2007- 2009)
- 100 Projects for Peace Award, Kathryn Davis Projects for Peace (2007)
- Student Leadership Award, Mount Holyoke College (2007)
- Mu Sigma Rho National Statistics Honors Society (2007)
- Sigma Xi Scientific Research Society (2007)

RESEARCH

A. Peer-reviewed publications

* Indicates a student author

Published

1. Dye-Braumuller K, Rodriguez Aquino M, Self SC, **Kanyangarara M**, Nolan MS. Spotted Fever Group Rickettsioses in Central America: The Research and Public Health Disparity Among Socioeconomic Lines. *Insects*. 2022. (Accepted).
2. **Kanyangarara M**, McAbee L*, Daguise VG, Nolan MS. Factors Associated with COVID-19 Vaccine Intentions among South Carolina Residents. *Vaccines*. 2022 Jun;10(6):942.
3. Nolan MS, Daguise V, Davis M, Duwve JM, Sherrill W, Heo M, Litwin AH, **Kanyangarara M**, Self S, Eberth J, Gonzalez LG, Lynn MK, Korte J. SARS-CoV-2 Viral Incidence, Antibody Point Prevalence, Associated Population Characteristics and Vaccine Attitudes-South Carolina, February 2021. *Public Health Reports*. 2022:333549221081128.
4. Sakyi KS, Saalim K, Morrison E*, Zohra FT, Owusu PG, Zora J, Thieda P, Dalglish SL, **Kanyangarara M**. Reported Health System Solutions Implemented to Contain COVID-19 in Six West African Countries: A Media Content Analysis. *Journal of Global Health Reports*. 2022: e2022008.

5. Scott J*, Nolan MS, Mberikunashe J, Tapera O, **Kanyangarara M**. Health service utilization in Manicaland Province, Zimbabwe during the COVID-19 pandemic: Results from a cross-sectional household survey. *Journal of Global Health Reports*. 2022;6:e2022005.
6. Pellegrino J*, Tapera O, Mberikunashe J, **Kanyangarara M**. Malaria Service Provision in Manicaland Province, Zimbabwe during the Coronavirus Pandemic: A Cross-Sectional Survey of Health Facilities. *Journal of Global Health Reports*. 2022;6:e2022004.
7. Sacks E, Sakyi K, Owusu PG, Watkoske K, Ohrt C, Ademuwagun L, Zabel C, Laar A, **Kanyangarara M**. Factors contributing to neonatal mortality reduction in three regions in Ghana: a mixed-methods and LiST modelling study. *Journal of Global Health Reports*. 2022; 5:e2021109.
8. McAbee L*, Tapera O, **Kanyangarara M**. Factors associated with COVID-19 vaccine intentions in eastern Zimbabwe: a cross-sectional study. *Vaccines*. 2021 Oct;9(10):1109.
9. Bikwa Y, Murewanhema G, **Kanyangarara M**, Madziyire MG, Chirenje ZM. Impact of COVID-19 on Maternal and Perinatal Outcomes in Harare, Zimbabwe: A Comparative Maternal Audit. *Journal of Global Health Reports*. 2021:e2021093
10. **Kanyangarara M**, Allen S*, Jiwani SS, Fuente D. Access to water, sanitation and hygiene services in health facilities in sub-Saharan Africa 2013-2018: Results of health facility surveys and implications for COVID-19 transmission. *BMC Health Services Research*. 2021; 21 (1):1-11.
11. Saalim K, Sakyi KS, Zohra FT, Morrison E*, Owusu PG, Dalglish SL, **Kanyangarara M**. Effects of COVID-19 on Vulnerable Populations in Six West African Countries: A Media Analysis. *PLOS One*. 2021. 16 (6), e0252890.
12. Scott J*, **Kanyangarara M**, Nhama A, Macete E, Moss WJ, Saute F. Factors associated with use of insecticide-treated net for malaria prevention in Manica District, Mozambique: a community-based cross-sectional survey. *Malaria Journal*. 2021 Dec;20(1):1-9.
13. Gavi S*, Tapera O, Mberikunashe J, **Kanyangarara M**. Malaria incidence and mortality in Zimbabwe during the COVID-19 pandemic: analysis of routine surveillance data. *Malaria Journal*. 2021;20(1):1-9.
14. Dye-Braumuller KC*, **Kanyangarara M**. Malaria in the USA: How Vulnerable Are We to Future Outbreaks? *Current Tropical Medicine Reports*. 2021 Jan 14:1-9.
15. Masquelier B, **Kanyangarara M**, Pison G, Kanté AM, Ndiaye CT, Douillot L, Duthé G, Sokhna C, Delaunay V, Helleringer S. Errors in reported ages and dates in surveys of adult mortality: A record linkage study in Niakhar (Senegal). *Population Studies*. 2020; 75 (2), 269-287.
16. **Kanyangarara M**, Douillot L, Pison G, Ndiaye CT, Delaunay V, Helleringer S. Tracing Long-and Short-term Migrants for Participation in Demographic and Epidemiological Studies: Evidence from Senegal. *Field Methods*. 2019; 32(1), 38-57.
17. Chou VB, Walker N, **Kanyangarara M**. Estimating the global impact of poor quality of care on maternal and neonatal outcomes in 81 low-and middle-income countries: A modeling study. *PLoS Medicine*. 2019 Dec;16(12).
18. **Kanyangarara M**, Katz J, Munos MK, Khatri SK, Mullany LC, Walker N. Validity of self-reported receipt of iron supplements during pregnancy: implications for coverage measurement. *BMC Pregnancy and Childbirth*. 2019;19(1):113.
19. Kobayashi T, **Kanyangarara M**, Laban N, Phiri M, Hamapumbu H, Searle KM, Stevenson JC, Thuma P, Moss WJ. Subpatent malaria in a pre-elimination setting in southern Zambia. *American Journal of Tropical Medicine and Hygiene*. 2019; 100 (2), 280-286.

20. **Kanyangarara M**, Sakyi K, Laar A. Availability of integrated family planning services in HIV care and support sites in sub-Saharan Africa: a secondary analysis of national health facility surveys. *Reproductive Health*. 2019; 16 (1), 60.
21. **Kanyangarara M**, Walker N, Boerma T. Gaps in the implementation of antenatal syphilis detection and treatment in health facilities across sub-Saharan Africa. *PLOS ONE*. 2018; 13 (6): e0198622.
22. **Kanyangarara M**, Chou VB, Creanga AA, Walker N. Linking household and health facility surveys to assess obstetric service availability, readiness and coverage: evidence from 17 low- and middle-income countries. *Journal of Global Health*. 2018 June; 8 (1): 010603.
23. **Kanyangarara M**, Hamapumbu H, Mamini E, Lupiya J, Stevenson JC, Mharakurwa S, Chaponda M, Thuma PE, Gwanzura L, Munyati S, Mulenga M, Norris DE, Moss WJ. Malaria knowledge and bed net use in three transmission settings in Southern Africa. *Malaria Journal*. 2018; 17: 41.
24. **Kanyangarara M**, Munos M, Walker N. Quality of Antenatal Care Service Provision in Health Facilities across Sub-Saharan Africa: Evidence from Nationally Representative Health Facility Assessments. *Journal of Global Health*. 2017 Dec; 7(2): 021101.
25. **Kanyangarara M**, Chou VB. Linking household surveys and health facility assessments to estimate intervention coverage for the Lives Saved Tool (LiST). *BMC Public Health*. 2017 Nov; 17(4):780.
26. **Kanyangarara M**, Mamini E, Mharakurwa S, Munyati S, Gwanzura L, Kobayashi T, Shields T, Mullany LC, Mutambu S, Mason PR, Curriero FC. High-Resolution Plasmodium falciparum Malaria Risk Mapping in Mutasa District, Zimbabwe: Implications for Regaining Control. *The American Journal of Tropical Medicine and Hygiene*. 2016 Apr 25:15-0865.
27. **Kanyangarara M**, Mamini E, Mharakurwa S, Munyati S, Gwanzura L, Kobayashi T, Shields T, Mullany LC, Mutambu S, Mason PR, Curriero FC, Moss W. Individual-and Household-Level Risk Factors Associated with Malaria in Mutasa District, Zimbabwe: A Serial Cross-Sectional Study. *The American Journal of Tropical Medicine and Hygiene*. 2016 Apr 25:15-0847.
28. **Kanyangarara M**, Mamini E, Mharakurwa S, Munyati S, Gwanzura L, Kobayashi T, Shields T, Mullany LC, Mutambu S, Mason PR, Curriero FC, Moss W. Reduction in Malaria Incidence following Indoor Residual Spraying with Actellic 300 CS in a Setting with Pyrethroid Resistance: Mutasa District, Zimbabwe. *PLoS ONE*. 2016 Mar 28; 11(3):e0151971.
29. **Kanyangarara M**, Kumoji EK, Ketlogetswe D, Anderson M, Brahmabhatt H. Correlates of alcohol use among patrons of alcohol consumption venues in Botswana. *AIDS and Behavior*. 2016 Mar 1; 20(3):573-82.
30. Nagu TJ, **Kanyangarara M**, Hawkins C, Hertmark E, Chalamila G, Spiegelman D, Mugusi F, Fawzi W. Elevated alanine aminotransferase in antiretroviral-naïve HIV-infected African patients: magnitude and risk factors. *HIV Medicine*. 2012 Oct 1; 13(9):541-8.