


1. Personal details			
SURNAME(S), Forename(s)	Muluken Gizaw		
Title: Mr	Sex: Male	Nationality: Ethiopian	
Current main post	Assistant professor at School of Public Health, Addis Ababa University and Final year PhD fellow at Martin Luther University, Halle, Germany.	ORCID: 0000-0002-6500-5852	
Address of main employing organisation	School of Public Health, Addis Ababa University, Addis Ababa, Ethiopia		
E-mail, Telephone	muluken.gizaw@yahoo.com ; +251966809345		
2. Employment History (max. 2 before present post)			
Dates	Institution	Job Title	
2013-17	Addis Ababa University	Lecturer	
2010-13	Mada Wolabu University	Assistant lecturer and Lecturer	
3. Educational Qualifications			
Dates	University	Subject	Qualification
2016-present	Martin Luther University, Halle, Germany	Epidemiology	PhD(Defence left)
2016	Institute of Tropical Medicine, Antwerp, Belgium	Health research and Evidence based medicine	Certificate
2012	Addis Ababa University	Epidemiology	Master of Public Health (MPH)
2009	Haramaya University, Ethiopia	Public Health	Bachelor of Sciences in Public Health
4. Publications (List 5/7 of your most recent key publications in chronological order with the most recent first.)			
<p>Reasons for not attending cervical cancer screening and associated factors in rural Ethiopia <i>Muluken Gizaw, Brhanu Teka, Friederike Ruddies, Konjit Kassahun, Dawit Worku, Alemayehu Worku, Andreas Wienke, Rafael Mikolajczyk, Ahmedin Jemal, Andreas M. Kaufmann, Tamrat Abebe, Adamu Addissie, and Eva Johanna Kantelhardt. Cancer prevention research (Philadelphia, Pa.) (2020) 13(7) DOI: 10.1158/1940-6207.CAPR-19-0485</i></p> <p>Population-based Human Papillomavirus infection and genotype distribution among women in rural areas of South-Central Ethiopia <i>Brhanu Teka, Muluken Gizaw, Friederike Ruddies, Adamu Addissie, Adane Mihret, Eva Johanna Kantelhardt, Andreas M. Kaufmann, Tamrat Abebe. International J. Cancer(2020). Accepted.</i></p> <p>Cervical cancer screening in rural Ethiopia: a cross-sectional knowledge, attitude, and practice study <i>Friederike Ruddies, Muluken Gizaw, Brhanu Teka, Sarah Thies, Andreas Wienke, Andreas M. Kaufmann, Tamrat Abebe, Adamu Addissie, and Eva Johanna Kantelhardt. BMC Cancer (2020) 20:563. DOI: 10.1186/s12885-020-07060-4</i></p> <p>Uptake of cervical cancer screening in Ethiopia by self-sampling HPV DNA compared to visual inspection with acetic acid: A cluster randomized trial <i>Muluken Gizaw, Brhanu Teka, Friederike Ruddies, Tamrat Abebe, Andreas M. Kaufmann, Alemayehu Worku, Andreas Wienke, Ahmedin Jemal, Adamu Addissie, and Eva Johanna Kantelhardt. Cancer prevention research (Philadelphia, Pa.) (2019) 12(9):609–616. DOI: 10.1158/1940-6207.CAPR-19-0156</i></p> <p>Cervical cancer in Ethiopia - predictors of advanced stage and prolonged time to diagnosis <i>Matthias Begoihn, Assefa Mathewos, Abreha Aynalem, Tigeneh Wondemagegnehu, Ulrike Moelle, Muluken Gizaw, Andreas Wienke, Christoph Thomssen, Dawit Worku, Adamu Addissie, Ahmedin Jemal, and Eva Johanna Kantelhardt. Infectious agents and cancer(2019) 14:36. DOI: 10.1186/s13027-019-0255-4</i></p>			

Cervical cancer patients presentation and survival in the only oncology referral hospital, Ethiopia: a retrospective cohort study

Muluken Gizaw, Adamu Addissie, Sefonias Getachew, Wondimu Ayele, Israel Mitiku, Ulrike Moelle, Tigist Yusuf, Mathias Begoihn, Mathewos Assefa, Ahmedin Jemal, and Eva Johanna Kantelhardt. *Infectious agents and cancer*(2017) 12:61. DOI: 10.1186/s13027-017-0171-4

A Review on Breast Cancer Care in Africa. Eva J. Kantelhardt, **Gizaw Muluken**, Getachew Sefonias, Ayele Wondimu, Hans Christoph Gebert, Susanne Unverzagt, Adamu Addissie. *Breast Care* 2015;10:364–370 DOI: 10.1159/000443156

5. Research grants (last 5 years) – as PI and co PI

Dates	Funder	Abbreviated project title	Amount
01/2020-31/2024	EKFS	Else Kroner Ethiopia: Upgrading and de-centralizing oncology service project: co PI	2,500,000 Euro
2020-2021	GIZ	Improving de-centralized chronic disease care in Ethiopia project	250,000 Euro
2017-2018	JSI	Social determinants of maternal health in Ethiopia	50,000 USD
2017-2018	JSI	Urban vulnerability assessment in Ethiopia	50,000 USD

6. Scientific and professional contributions, collaborations: What is your major contribution to health policy or practice?

I am epidemiologist with special focus on Non Communicable Diseases (NCDs) epidemiology; particularly I am interested on cancers epidemiology with special interest on early detection of cervical cancer. Currently, I am actively working on the control and prevention of cervical cancer in Ethiopia. Moreover, I work in social determinants of health and obtained special training in this regard. During my PhD research conduct I led a randomized cluster trial that aimed to optimize cervical cancer screening modalities in Ethiopian population. The trail was the first in kind in the country that encompasses the population based epidemiology of the cervical cancer and microbiological analysis of the human papilloma virus distribution and its persistence at population level.

In school of Public Health, Addis Ababa University, Ethiopia we have established a Non Communicable Chronic Diseases (NCDs) working group with more focus on cancer prevention and control. I am one of the establishing members with aim of fostering knowledge and research on cancer prevention and control in the country.

Motivation statement to this application:

As a young scientist interested on cancer research I highly appreciate my involvement on this multi country research and capacity building project. In my country there are several problems pertaining to cancer care, institutional and research capacity to respond to the ever growing cancer burden and its negative outcome in the society. From the proposed ideas one can easily understand that the planned consortium addresses highly relevant clinical, laboratory and public health issues in oncology care in underserved population of Africa. Furthermore, the collaboration among fellow countries in the region and other reputable institutions elsewhere globally will pave a way to exchange experiences to further implement best practices on respective country.

7. Training: Name a top student you supervised, topics and say how you contributed to his/her career development.

Supervision:

I have supervised several masters in public health students from Addis Ababa University and elsewhere globally.

8. Honors: additional important works

Faculty for International Cancer Institute(ICI), Eldoret, Kenya (2020)
INDEPTH Training & Research Centres of Excellence (INTREC) training fellow in Social Determinants of Health (SDH), Umea University, Sweden and population development centre, Harvard University, USA (2013-2014)

publications list

1. **Gizaw M**, Teka B, Ruddies F, Abebe T, Kaufmann AM, Worku A et al. Uptake of cervical cancer screening in Ethiopia by self-sampling HPV DNA compared to visual inspection with acetic acid: a cluster randomized trial. *Cancer Prev Res (Phila)* 2019.
2. **Gizaw M**, Teka B, Ruddies F, Abebe T, Kaufmann AM, Worku A et al. Reasons for not Attending Cervical Cancer Screening and Associated Factors in Rural Ethiopia: *Cancer Prevention Research* 10.1158/1940-6207.CAPR-19-0485
3. Friederike R., **Muluken G.**, Brhanu T. et al,; Cervical cancer screening in rural Ethiopia: a cross- sectional knowledge, attitude and practice study. *BMC Cancer* (2020) 20:563
4. *Brhanu Teka, Muluken Gizaw, Friederike Ruddies, Adamu Addissie, Adane Mihret, Eva Johanna Kantelhardt, Andreas M. Kaufmann, Tamrat Abebe. Population-based Human Papillomavirus infection and genotype distribution among women in rural areas of South-Central Ethiopia: International J. Cancer(2020).*
5. Eva J. Kantelhardt, **Gizaw Muluken**, Getachew Sefonias, Ayele Wondimu, Hans Christoph Gebert, Susanne Unverzagt, Adamu Addissie A Review on Breast Cancer Care in Africa. *Breast Care* 2015;10:364–370 DOI: 10.1159/000443156
6. Adamu Addissie,Eva Kantelhardt, **Muluken Gizaw**, Sefonias Getachew ,Wondimu Ayele¹, Wakgari Deressa: The Evidence on Female Cancer Care in Ethiopia. *Abstract Bulletin on Female Cancer*, Volume 1, 2015
7. Kirstin Grosse Frie, Getachew Sefonias, **Gizaw Muluken**, Wakuma Tariku, Bakarou Kamaté, Brahimia Mallé, Martina Vetter, Amrei Krings, Abebe Tamarat, Adamu Addissie, Assefa Mathewos,; Eva Johanna Kantelhardt: Update on Female Cancer in Africa: The AORTIC Conference 2015, Morocco. *Breast Care* 2016;11:71–72
8. **Muluken Gizaw**, Adamu Addissie, Sefonias Getachew,et al Cervical cancer patients presentation and survival in the only oncology referral hospital, Ethiopia: a retrospective cohort study. *Infectious Agents and Cancer* (2017) 12:61 DOI 10.1186/s13027-017-0171-4
9. Saba S., Adamu A., **Muluken G.** Selamawit H. etal Knowledge about cervical cancer and barriers toward cervical cancer screening among HIV-positive women attending public health centers in Addis Ababa city, Ethiopia: *Cancer Medicine* 2018; 7(3):903–912
10. Wondimagegnehu A, Hirpa S, Abaya SW, **Gizaw M**, Getachew S, Ayele W, et al. (2020) Oesophageal cancer magnitude and presentation in Ethiopia 2012–2017. *PLoS ONE* 15(12): e0242807. <https://doi.org/10.1371/journal.pone.0242807>
11. Legese B, Addissie A, **Gizaw M**, Tigneh W, Yilma T. Information Needs of Breast Cancer Patients Attending Care at Tikur Anbessa Specialized Hospital: A Descriptive Study. *Cancer Manag Res.* 2021;13:277-286 <https://doi.org/10.2147/CMAR.S264526>
12. **M. Gizaw**, A. D. Harries, S. Ade, K. Tayler-Smith, E. Ali, N. Firdu, H. Yifter. Diabetes mellitus in Addis Ababa, Ethiopia: admissions, complications and outcomes in a large referral hospital. *PHA* 2015; 5(1): 74–78
13. Atkilt HS, **Turago MG**, Tegegne BS (2017) Clinical Characteristics of Diabetic Ketoacidosis in Children with Newly Diagnosed Type 1 Diabetes in Addis Ababa, Ethiopia: A Cross-Sectional Study. *PLoS ONE* 12(1): e0169666. doi:10.1371/journal.pone.0169666

14. **M. Gizaw**, M. Molla, W. Mekonnen.: Trends and risk factors for neonatal mortality in Butajira District, South Central Ethiopia, (1987-2008): a prospective cohort study. *BMC Pregnancy and Childbirth* 2014 14:64
15. **M. Gizaw**. Social Determinants of Under-Five Mortality in Ethiopia: Issue Brief for Stakeholders. *International Journal of Public Health Research*. Vol. 3, No. 2, 2015, pp. 64-66.
16. Israel Mitiku, Mastewal Arefayne, Yonatal Mesfin and **Muluken Gizaw**: Factors associated with loss to follow-up among women in Option B PMTCT programme in northeast Ethiopia: a retrospective cohort study. *Journal of the International AIDS Society* 2016, 19:20662
17. Mirgissa Kaba, Girma Taye, **Muluken Gizaw** et al A qualitative study of vulnerability to HIV infection: Places and persons in urban settings of Ethiopia. *Ethiop. J. Health Dev.* 2016;30(3):105-111
18. Mirgissa Kaba, Girma Taye, **Muluken Gizaw**, Israel Mitiku: Maternal health service utilization in urban slums of selected towns in Ethiopia: Qualitative study. *Ethiop. J. Health Dev.* 2017;31(2):96-102
19. Kristine Husøy Onarheim, Mitike Molla Sisay, **Muluken Gizaw** et al. What if the baby doesn't survive? Health-care decision making for ill newborns in Ethiopia: *Social Science & Medicine* 195 (2017) 123–130
20. Kristine Husøy Onarheim, Mitike Molla Sisay, **Muluken Gizaw** et al. Selling my sheep to pay for medicines – Household priorities and coping strategies in a setting without universal health coverage. *BMC Health Services Research*(2018) 18:153 <https://doi.org/10.1186/s12913-018-2943-y>
21. Mulugeta T., **Muluken G.**, Mirgissa K., Damen H.:Community members' views on Addis Ababa University's rural community health training program: A qualitative study: *Ethiop. J. Health Dev.* 2018;32(1):10-17
22. Sahle A., Fikre E., Yifokire T., **Muluken G.**, Determinants of Chronic Respiratory Symptoms among Pharmaceutical Factory Workers: *Journal of Tropical Medicine* 2018(3):1-10 DOI: 10.1155/2018/3815689
23. Markos D., Ayele B., **Muluken G.**, Gemechu K., Robsan G.: Utilization of long-acting and permanent contraceptive methods and associated factors among married women in Adamstown, Central Ethiopia: community based cross-sectional study. *Contraception and Reproductive Medicine* (2019) 4:22
24. Sefonias G., Mirgissa K., **Muluken G.**, Girma T.: Health service access, utilization and prevailing health problems in the urban vulnerable sections of Ethiopia. *Ethiop. J. Health Dev.* 2020; 34(Special issue 2):12-23
25. Girma T., Sefonias G., **Muluken G.**, Mirgissa K.: Vulnerability to housing and the environment in urban settings: Implications for residents and places. *Ethiop. J. Health Dev.* 2020; 34(Special issue 2):24-32
26. Mirgissa K., Girma T., Sefonias G., **Muluken G.**: Perceived barriers to health care for residents in vulnerable urban centers of Ethiopia. *Ethiop. J. Health Dev.* 2020; 34(Special issue 2):04-11