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Born: 1988



Research interest and area

I am an early-career researcher in nutritional and sleep epidemiology at Flinders University. My research focuses on diet, sleep and disease outcomes. I use big datasets from Australia, China, the United Kingdom and the United States and apply advanced and novel statistical and epidemiological tools.

Research interest and area: nutritional epidemiology, sleep epidemiology, global health, biostatistics and epidemiology

If you wish to get in touch with me, please use my addresses in the above.

Education

Date	Qualification
21 Sep 2020-	Masters of Statistics and Data Science (MSc) , Biostatistics Specialization University of Hasselt , Hasselt, Belgium
27 July 2015-14 Nov 2018	Doctor of Philosophy (Ph.D, Nutritional Epidemiology/Medicine) The University of Adelaide , Adelaide, Australia Thesis Title: Diet and Epidemiology of Non-communicable Diseases: Focusing on Dietary and Nutrient Patterns and Bone Fragility Award: Dean's Commendation for Doctoral Thesis Excellence, The University of Adelaide
20 July 2014-21 July 2018	Master of Public Health Nutrition (PHN) Addis Continental Institute of Public Health , Addis Ababa, Ethiopia Thesis title: Associations of childhood, maternal and household dietary patterns with childhood stunting in Ethiopia: Proposing an alternative and plausible dietary analysis method to dietary diversity scores GPA – 3.94/4.00 (very great distinction, top 1%, top in the batch) Research Methods – 4.00/4.00 Thesis – 4.00/4.00
07 July 2010-07 July 2012	Master of Public Health (MPH, Public Health) Mekelle University , Mekelle, Ethiopia Thesis title: Sexual and reproductive health communication and awareness of contraceptive methods among secondary school female students, northern Ethiopia: A cross-sectional study GPA – 3.95/4.00 (very great distinction, top 1%, top in the batch) Research methods – 4.00/4.00 Research work and thesis writing methods – 4.00/4.00
01 January 2006-December 31 2009 (including internship, September-December)	Bachelor of Science in Public Health [~80% of the trainings were theoretical and practical medical trainings in health centers and hospitals, including internal medicine, pediatrics, surgery and gynobse] University of Gondar , Gondar, Ethiopia GPA-3.70/4.00 (great distinction, top 1%, top in the batch) Research work – 4.00/4.00

Employment history and honorary positions

Australia		
Date	Title and responsibility	Employer
03 Dec 2018-present	Postdoctoral Researcher (research)	Flinders University, College of Medicine and Public Health
01 October 2018-30 November 2018	Research Assistant, casual (data analysis and report writing)	The University of Adelaide, Adelaide Medical School, Queen Elizabeth Hospital (Full time)
20 March 2018-20 July 2018	Epidemiologist/data analyst (data analysis and report writing)	South Australian Health and Medical Research (SAHMRI), Aboriginal Health Group (One day per week)
09 October 2017-11 March 2018	Research Assistant, casual (data analysis and report writing)	The University of Adelaide, Adelaide Medical School, Queen Elizabeth Hospital (One day per week)
01 March 2016-28 February 2017	Research Assistant, casual (data analysis and report writing)	The University of Adelaide, Adelaide Medical School, Population Research and Outcome Studies (PROS) (One day per week)
Honorary position		
10 Sept 2019-present	Adjunct Fellow	University of Adelaide, Adelaide Medical School
23 April 2020-present	Honorary Research Associate	South Australian Health and Medical Research Institute (SAHMRI), Lifelong Health Theme, Nutrition & Gastrointestinal Diseases
Ethiopia		
07 July 2013-25 July 2015	Lecturer (teaching, research and community service)	Mekelle University, College of Health Sciences, School of Public Health
07 July 2012-06 July 2013	Lecturer (teaching and community service)	Mekelle University, College of Health Sciences, School of Public Health
01 January 2011-06 July 2012	Teaching Assistant (teaching)	Mekelle University, College of Health Sciences, School of Public Health
01 January 2009-31 December 2011	Graduate Teaching Assistant (teaching)	Mekelle University, College of Health Sciences, School of Public Health
Leadership and other appointments		
01 June 2014-25 July 2015	Principal Investigator and Center Leader (study design, and data management and analysis) and leader (plan, supervise, manage and approve the overall project activities including administrative issues)	Kilite-Awlalo Health and Demographic Surveillance System (KA-HDSS), Mekelle University and Ethiopian Public Health Association (funded by CDC Atlanta)
01 June 2012- 29 May 2014	Research Team Member (research)	Kilite-Awlalo Health and Demographic Surveillance System (KA-HDSS), Mekelle University and Ethiopian Public Health Association (funded by CDC Atlanta)

01 August 2012-27 August 2014	Team Leader (plan, supervise, manage and approve the overall team activities, including nutrition related community interrelations), Academic and researcher	Nutrition and Dietetics Course and Research Team, Mekelle University, School of Public Health
01 November 2009 to 28 October 2011	Program Coordinator, Community Health Practice Program	Mekelle University, College of Health Sciences
01 September 2009-28 December 2012	Focal person (coordinating sexual and reproductive information and services in Mekelle University)	Sexual and Reproductive Health Project, dkt Ethiopia and Mekelle University (funded by USAID)
01 October 2014-10 June 2015	Academic Advisor (provide guidance on academic and other social matters)	School of Public Health, Mekelle University
01 October 2014 to 10 June 2015	Student Affairs Committee Member (Provide guidance on academic issues (such as readmission, transfer, scholarship, exam results, grades and so on) of students in the department)	School of Public Health, Mekelle University

Projects and grants

Year	Project; funder	Role	Amount
Australia			
2021	Improving the management of obstructive sleep apnea and insomnia in primary health care setting; NHMRC and industry partners	Associate Investigator (AI)	\$AUD 3,273,391
2020/21	Improving migrants' health through diet and sleep: a pilot study and comparison with Australian-born residents using existing community-based cohort studies; Flinders Research Foundation	Chief Investigator A (CIA)	\$AUD 21,800
2020/21	Community well-being and mental health pre and post COVID-19; The Hospital Research Foundation	AI	\$AUD 50,000
Ethiopia			
June 2014- July 2015	Kilite-Awlaelo Health and Demographic Surveillance System (KA-HDSS); Center of Diseases Control (CDC) from the American Government through Ethiopian Public Health Association (EPHA)	CIA	Ethiopian Birr (ETB) 2.26 million (\$AUD ~141,200)
2014/2015	Data collation and analysis, report writing and presenting of data from five Health and Demographic Surveillance Systems in Ethiopia; Center of Diseases Control (CDC) from the American Government through Ethiopian Public Health Association (EPHA)	CIA	ETB 136,000 (\$AUD ~8500)
July 2014- June 2015	Evaluation of community-based tuberculosis Prevention and Control Programme in Pastoralist community of Awash Fantalle/Town and Amibara Districts, Afar region, Ethiopia; AMREF Health Africa	CIA	ETB 75,000 (\$AUD ~4688)
2012/2013	Family planning utilization in pastoralist community; funded by AMREF Health Africa	CIB	ETB 191,983 (\$AUD ~12,000)
2014/2015	Fertility desire, family planning utilization, and associated factors among HIV positive women; USAID through MSH-Ethiopia/ENHAT-CS project	CIA	ETB 60,000 (\$AUD ~3750)

September 2009-August 2012	Expanding sexual and reproductive health services and information among Mekelle University student; funded by UNFPA through dkt Ethiopia	Coordinator and focal person	ETB 400,000 (\$AUD ~24,500)
2010/2011	Knowledge, attitude and practice on condom use among university students; UNFPA through Organization for Social Services for AIDS (OSSA)	CIA	ETB 40,000 (\$AUD ~2,500)
2011/2012	knowledge on methods of pregnancy prevention among in-school youths; UNFPA through dkt Ethiopia	CIA	ETB 32,000 (\$AUD ~2000)
2011/2012	Contribution of health extension program for youth reproductive health improvement; Mekelle University	CIB	ETB 64,000 (\$AUD ~4000)

Honors, awards and scholarships

Date	Honors, awards and scholarships	Amount
November 2018	Dean's Commendation for Doctoral Thesis Excellence, The University of Adelaide	Certificate
December 2014	Best Young Researcher of the Year (2013/2014) (Mekelle University, Ethiopia)	Certificate
September 2018	Travel award, International Atomic Energy Agency (United Nations)	\$AUD 2560
August 2017	Travel award, Adelaide Medical School, the University of Adelaide, Australia	\$AUD 3000
November 2016	Travel award, Adelaide Medical School, the University of Adelaide, Australia,	\$AUD 1000
July 2015-July 2018	Scholarship for Ph.D, Australian Government Research Training Program Scholarship)	\$AUD 174,000
June 2014	Travel award, International Micronutrient Forum/USAID)	ETB 10000 (\$AUD ~625)
July 2012	Travel award - One Health Training program of USAID	\$AUD 4000
October, 2012	Travel award, Global Burden of Disease - 2nd World Congress of Verbal Autopsy	\$AUD 4000
June 2010-July 2012	Scholarship for master's degree in public health, Mekelle University	ETB 100,000 (\$AUD ~6250)

Publications and citations

My publications currently include 80 peer-reviewed articles (78 original articles, 1 review and 1 editorial) of which I am the primary author of ~30% and second author of ~10% of my papers. I have been cited 36, 700 times and I have an H-index of 36 (source: Google Scholar) [Updated March 2021].

2021

- 81 Parker J, Appleton S, **Melaku YA**, et al. Sleep macroarchitecture but not obstructive sleep apnea is independently associated with cognitive function in only older men of a population-based cohort. **Journal of Sleep Research** (accepted, 2021)
- 80 Sweetman A, **Melaku YA**, Lack L, McEvoy DR, Reynolds A, Gill T, Appleton S, Adams R. *Prevalence and associations of co-morbid insomnia and sleep apnoea (COMISA) in an Australian population-based sample.* **Sleep Medicine** (2021). DOI: <https://doi.org/10.1016/j.sleep.2021.03.023>
- 79 Alene KA, Gelaw YA, Fetene DM, Koye DN, **Melaku YA**, et al. *COVID-19 in Ethiopia: a geospatial analysis of vulnerability to infection, case severity and death.* **BMJ Open** 2021. 11 (2), e044606. DOI: <http://dx.doi.org/10.1136/bmjopen-2020-044606>

78	HA Gesesew, DN Koye, DM Fetene, M Woldegiorgis, Y Kinfu, AB Geleto, Melaku YA , et al. <i>Risk factors for COVID-19 infection, disease severity and related deaths in Africa: a systematic review</i> . BMJ Open 2021 11 (2), e044618. DOI: http://dx.doi.org/10.1136/bmjopen-2020-044618 (review)
77	Shakya PR, Melaku YA , Page AJ, Gill TK. <i>Nutrient Patterns and Depressive Symptoms Among Australian Adults</i> . European Journal Nutrition 2021; 60 (1), 329-343. DOI: http://dx.doi.org/10.1007/s00394-020-02243-y
76	Stevens D, Appleton S, Melaku YA , Martin S, Adams R, Wittert G. <i>Participation in physical activity is associated with reduced nocturnal hypoxaemia in males</i> . European Journal of Respiratory (EJR) Open Research . DOI: http://dx.doi.org/10.1183/23120541.00852-2020 .
2020	
75	Shakya PR, Melaku YA , Shivappa N, et al. <i>Dietary Inflammatory Index (DII®) and the risk of depression symptoms in adults</i> . Clinical Nutrition 2020; S0261-5614(20)30706-8. DOI: http://dx.doi.org/10.1016/j.clnu.2020.12.031 .
74	Stevens D, Applton S, Vincent AD, Melaku YA , et al. <i>Associations of OSA and Nocturnal Hypoxemia with Strength and Body Composition in Community Dwelling Middle Aged and Older Men</i> . Nature and Science of Sleep 2020; 12 959–968. DOI: http://dx.doi.org/10.2147/NSS.S276932
73	Arefaine ZG, Abebe S, Bekele E, Adem A, Melaku YA , et al. <i>Incidence and predictors of HIV related opportunistic infections after initiation of highly active antiretroviral therapy at Ayder Referral Hospital, Mekelle, Ethiopia: A retrospective single centered cohort study</i> . PloS One 2020; 15(4):e0229757. DOI: http://dx.doi.org/10.1371/journal.pone.0229757
72	Appleton SL, Reynolds AC, Gill TK, Melaku YA , Adams R. <i>Waking to use technology at night, and associations with driving and work outcomes: a screenshot of Australian adults</i> . Sleep 2020; zsa015. DOI: https://doi.org/10.1093/sleep/zsa015
71	Sahle BW, Chen W, Melaku YA , et al. <i>Association of psychosocial factors with risk of chronic diseases: A Nationwide Longitudinal Study</i> . American Journal of Preventive Medicine 2020; e39-e50. DOI: https://doi.org/10.1016/j.amepre.2019.09.007
70	Sahle BW, S Slewa-Younan, Melaku YA , et al. <i>Bi-directional association between weight change and health-related quality of life: evidence from the 11-year follow-up of 9916 community-dwelling adults</i> . Quality of Life Research 2020; DOI: https://doi.org/10.1007/s11136-020-02423-7
2019	
69	Shakya PR, Melaku YA , Page A, Gill TK. <i>Association between dietary patterns and adult depression symptoms based on principal component analysis, reduced-rank regression and partial least-squares</i> . Clinical Nutrition 2019; 39(9):2811-2823. DOI: https://doi.org/10.1016/j.clnu.2019.12.011
68	Fitzmaurice C... Melaku YA ...Murray CJL. <i>Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived with Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017: A Systematic Analysis for the Global Burden of Disease Study</i> . JAMA Oncology 2019; 5(12):1749-1768. DOI: https://doi.org/10.1001/jamaoncol.2019.2996
67	Melaku YA , Reynolds CR, Gill TK, et al. <i>Association between macronutrient intake and excessive daytime sleepiness: an iso-caloric substitution analysis from the North West Adelaide Health Study</i> . Nutrients 2019; 11(10):2374. DOI: https://doi.org/10.3390/nu11102374
66	Melaku YA , Appleton S, Reynolds A, et al. <i>Association between Childhood Behavioral problems and Insomnia Symptoms in Adulthood</i> ; JAMA Network Open 2019; 2(9):e1910861. DOI: https://doi.org/10.1001/jamanetworkopen.2019.10861
65	Melaku YA , Gill KT, Appleton SA, et al. <i>Sociodemographic, lifestyle and metabolic predictors of all-cause mortality in a cohort of community-dwelling population: an 18-year follow-up of the North West Adelaide Health Study</i> . BMJ Open 2019; 9:e030079. DOI: https://doi.org/10.1136/bmjopen-2019-030079
64	Ashfan A, ... Melaku YA ...Murray CJL. <i>Health Effects of Dietary Risks in 195 Countries: Findings from the Global Burden of Diseases Study 2017</i> . Lancet 2019; 11;393(10184):1958-1972. DOI: https://doi.org/10.1016/S0140-6736(19)30041-8
63	Deribew A,... Melaku YA ...Wang H. <i>The Burden of HIV/AIDS in Ethiopia from 1990 to 2016: Evidence from the Global Burden of Diseases 2016 Study</i> . Ethiopian Journal of Health Sciences 2019; 29(1): 859–868. DOI: https://doi.org/10.4314/ejhs.v29i1.7

2018	
62	Roth GA, ... Melaku YA ,...Murray CJL. <i>Global, Regional, and Country-Specific Lifetime Risk of Stroke, 1990–2016: A Systematic Analysis for the Global Burden of Disease Study 2016</i> . New England Journal of Medicine 2018; 379:2429-2437. DOI: https://doi.org/10.1056/NEJMoa1804492
61	Melaku YA , Gill TA, Taylor AW, et al. <i>Trends of mortality attributable to child and maternal undernutrition, overweight/obesity and dietary risk factors of non-communicable diseases in sub-Saharan Africa, 1990-2015: findings from the Global Burden of Disease Study 2015</i> . Public Health Nutrition 2018; 4:1-14. DOI: https://doi.org/10.1017/S1368980018002975
60	Deribew A,... Melaku YA ,...Biadgilign S. <i>Tuberculosis Burden in Ethiopia from 1990 to 2016: Evidence from the Global Burden of Diseases 2016 Study</i> . Ethiopian Journal of Health Sciences 2018; 28(5): 519–528. DOI: https://doi.org/10.4314/ejhs.v28i5.2
59	Fitzmaurice C,... Melaku YA ,...Murray CJL. <i>Global, regional, and national cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life years for 29 cancer groups, 1990 to 2016</i> . JAMA Oncology 2018; 4(11):1553-1568. DOI: https://doi.org/10.1001/jamaoncol.2018.2706
58	Melaku YA , Wassie MM, Gill TK, et al. <i>Burden of disease attributable to suboptimal diet, metabolic risks, and low physical activity in Ethiopia and comparison with Eastern sub-Saharan African countries, 1990-2015: findings from the Global Burden of Disease Study 2015</i> . BMC Public Health 2018; 18:552. DOI: https://doi.org/10.1186/s12889-018-5438-1
57	Melaku YA , Renzaho A, Gill TK et al. <i>Burden and trend of diet-related non-communicable diseases in Australia and comparison with 34 OECD countries: findings from the Global Burden of Disease Study 2015</i> . European Journal of Nutrition 2018; 58(3):1299-1313. DOI: https://doi.org/10.1007/s00394-018-1656-7
56	Melaku YA , Gill TK, Taylor AW, Adams R, Shi Z, Worku A. <i>Associations of childhood, maternal and household dietary patterns with childhood stunting in Ethiopia: Proposing an alternative and plausible dietary analysis method to dietary diversity scores</i> . Nutrition Journal 2018; 17(1):14. DOI: https://doi.org/10.1186/s12937-018-0316-3
2017	
55	Melaku YA , Appleton SL, Gill TK, et al. <i>Incidence, prevalence, mortality, disability-adjusted life years and risk factors of cancer in Australia and comparison with OECD countries, 1990-2015: findings from the Global Burden of Disease Study 2015</i> . Cancer Epidemiology 2017; 52: 43-54. DOI: https://doi.org/10.1016/j.canep.2017.11.007
54	Melaku YA , Gill TK, Appleton SL, Taylor AW, Adams R, Shi Z. <i>Prospective associations of dietary and nutrient patterns with fractures: findings from the China Health and Nutrition Survey (CHNS) with a 20-year follow-up</i> . Nutrients 2017; 9(11), 1198. DOI: https://doi.org/10.3390/nu9111198
53	Gakidou E, Afshin A,... Melaku YA ...Murray CJL. <i>Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016</i> . The Lancet 2017; 390 (10100), 1345 – 1422. DOI: https://doi.org/10.1016/S0140-6736(17)32366-8
52	Melaku YA , Shi Z. <i>Lessons for the Sustainable Development Goals from Ethiopia's success: the case of under-5 mortality</i> . The Lancet Global Health 2017; e1060-e1.5 DOI: https://doi.org/10.1016/S2214-109X(17)30385-6 (editorial)
51	Melaku YA , Gill TK, Taylor AW, Adams R, Shi Z. <i>Association between nutrient patterns and bone mineral density among aging adults</i> . Clinical Nutrition ESPEN 2017; 22:97-106. DOI: https://doi.org/10.1016/j.clnesp.2017.08.001
50	Deribew A,... Melaku YA ,...Deribe K. <i>Mortality and Disability-adjusted Life-years (DALYs) for common neglected tropical diseases in Ethiopia, 1990 to 2015: evidence from the Global Burden of Disease Study 2015</i> . Ethiopian Medical Journal 2017; 55 (4). PMID: PMC5582634
49	Deribew A, Dejene T, Kebede B, Tessema GA, Melaku YA , et al. <i>Incidence, prevalence and mortality rates of malaria in Ethiopia from 1990 to 2015: analysis of the Global Burden of Disease 2015</i> . Malaria Journal 2017; 16:271. DOI: https://doi.org/10.1186/s12936-017-1919-4
48	Misganaw A, Melaku YA , Tessema GA, et al. <i>National disability-adjusted life years (DALYs) for 257 diseases and injuries in Ethiopia, 1990-2015: findings from the Global Burden of Disease Study 2015</i> . Population Health Metrics 2017; 15:28. DOI: https://doi.org/10.1186/s12963-017-0146-0

47	Misganaw A,... Melaku YA ,...Naghavi M. <i>National mortality burden due to communicable, non-communicable, and other diseases in Ethiopia, 1990-2015: findings from the Global Burden of Disease Study 2015</i> . Population Health Metrics 2017; 15:29. DOI: https://doi.org/10.1186/s12963-017-0145-1
46	Melaku YA , Gill TK, Taylor AW, Adams R, Shi Z. <i>A comparison of principal component analysis, partial least-squares and reduced-rank regressions in the identification of dietary patterns associated with bone mass in aging Australians</i> . European Journal of Nutrition 2017; 57(5):1969-1983. DOI: https://doi.org/10.1007/s00394-017-1478-z
45	Tessema GA, Laurence CO, Melaku YA , et al. <i>Trends and causes of maternal mortality in Ethiopia during 1990-2013: Findings from the Global Burden of Diseases study 2013</i> . BMC Public Health 2017; 17(1). DOI: https://doi.org/10.1186/s12889-017-4071-8
44	Fitzmaurice C,... Melaku YA ,...Murray CJL. <i>Global, regional, and national cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life-years for 32 cancer groups, 1990 to 2015 a systematic analysis for the Global Burden of Disease Study</i> . JAMA Oncology 2017; 3(4):524-548. DOI: https://doi.org/10.1001/jamaoncol.2016.5688
43	Forouzanfar MH,... Melaku YA ,...Murray CJL. <i>Global Burden of hypertension and systolic blood pressure of at least 110 to 115 mmHg, 1990-2015</i> . JAMA 2017; 317(2):165-182. DOI: https://doi.org/10.1001/jama.2016.19043
2016	
42	Kassebaum NJ,... Melaku YA ,... Murray CJL. <i>Global, regional, and national levels of maternal mortality, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015</i> . Lancet 2016; 388: 1775–812. DOI: https://doi.org/10.1016/S0140-6736(16)31470-2
41	Melaku YA , Temesgen AM, Deribew A, et al. <i>The impact of dietary risk factors on the burden of non-communicable diseases in Ethiopia: findings from the Global Burden of Disease study 2013</i> . International Journal of Behavioral Nutrition and Physical Activity 2016; 13(1). DOI: https://doi.org/10.1186/s12966-016-0447-x
40	Deribew A, Tessema GA, Deribe K, Melaku YA , et al. <i>Trends, causes, and risk factors of mortality among children under 5 in Ethiopia, 1990-2013: Findings from the Global Burden of Disease Study 2013</i> . Population Health Metrics 2016; 14(1):42. DOI:10.1186/s12963-016-0112-2.
39	Alemayehu M, Lemma H, Abrha K, Melaku YA , et al. <i>Family planning use and associated factors among pastoralist community of Afar region, eastern Ethiopia</i> . BMC Women's Health 2016; 16(1). DOI: https://doi.org/10.1186/s12905-016-0321-7
38	Khalil I,... Melaku YA ,...Murray CJL. <i>Burden of Diarrhea in the Eastern Mediterranean Region, 1990–2013: Findings from the Global Burden of Disease Study 2013</i> . The American journal of tropical medicine and hygiene 2016; 95(6):1319-1329. DOI: https://doi.org/10.4269/ajtmh.16-0339
37	Vos T,... Melaku YA ,...Murray CJL. <i>Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015</i> . The Lancet 2016; 388(10053):1545-1602. DOI: https://doi.org/10.1016/S0140-6736(16)31678-6
36	Kassebaum NJ,... Melaku YA ,...Murray CJL. <i>Global, regional, and national levels of maternal mortality, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015</i> . The Lancet 2016; 388(10053):1775-1812. DOI: https://doi.org/10.1016/S0140-6736(16)31470-2
35	Wang H,... Melaku YA ,...Murray CJL. <i>Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015</i> . The Lancet 2016; 388(10053):1459-1544. DOI: https://doi.org/10.1016/S0140-6736(16)31012-1
34	Kassebaum NJ,... Melaku YA ,...Murray CJL. <i>Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015</i> . The Lancet 2016; 388(10053):1603-1658. DOI: https://doi.org/10.1016/S0140-6736(16)31460-X
33	Forouzanfar MH,... Melaku YA ,...Murray CJL. <i>Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015</i> . The Lancet 2016; 388(10053):1659-1724. DOI: https://doi.org/10.1016/S0140-6736(16)31679-8

32	Wang H,... Melaku YA ,...Murray CJL. <i>Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015</i> . The Lancet 2016; 388(10053):1725-1774. DOI: https://doi.org/10.1016/S0140-6736(16)31575-6
31	Lim SS,... Melaku YA ,...Murray CJL. <i>Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015</i> . The Lancet 2016; 388(10053):1813-1850. DOI: https://doi.org/10.1016/S0140-6736(16)31467-2
30	Melaku YA , Gill TK, Adams R, Shi Z. <i>Association between dietary patterns and low bone mineral density among adults aged 50 years and above: findings from the North West Adelaide Health Study (NWAHS)</i> . British Journal of Nutrition 2016. DOI: https://doi.org/10.1017/S0007114516003366
29	Wang H,... Melaku YA ,...Murray CJL. <i>Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: The Global Burden of Disease Study 2015</i> . The Lancet HIV 2016; 3(8):e361–e387. DOI: https://doi.org/10.1016/S2352-3018(16)30087-X
28	Kyu HH,... Melaku YA ,...Murray CJL. <i>Global and national burden of diseases and injuries among children and adolescents between 1990 and 2013: findings from the Global Burden of Disease 2013 Study</i> . JAMA Pediatrics 2016; 170(3):267-287. DOI: https://doi.org/10.1001/jamapediatrics.2015.4276
2015	
27	Forouzanfar MH,... Melaku YA ,...Murray CJL. <i>Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990–2013: A systematic analysis for the Global Burden of Disease Study 2013</i> . The Lancet 2015; 386(10010):2287–2323. DOI: https://doi.org/10.1016/S0140-6736(15)00128-2
26	Melaku YA , Zello GA, Gill TK, Adams R, Shi Z. <i>Prevalence and factors associated with stunting and thinness among adolescent students in Northern Ethiopia: A comparison to World Health Organization standards</i> . Archives of Public Health 2015; 73(1). DOI: https://doi.org/10.1186/s13690-015-0093-9
25	Murray CJL,... Melaku YA ,...Vos T: <i>Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990–2013: Quantifying the epidemiological transition</i> . The Lancet 2015; 386(10009): 2145-2191. DOI: https://doi.org/10.1016/S0140-6736(15)61340-X
24	Krishnamurthi RV,... Melaku YA , ...Murray CJL. <i>Stroke Prevalence, Mortality and Disability-Adjusted Life Years in Children and Youth Aged 0-19 Years: Data from the Global and Regional Burden of Stroke 2013</i> . Neuroepidemiology 2015; 45(3):177-89. DOI: https://doi.org/10.1159/000441087
23	Barker-Collo S,... Melaku YA ,...Murray CJL. <i>Sex Differences in Stroke Incidence, Prevalence, Mortality and Disability-Adjusted Life Years: Results from the Global Burden of Disease Study 2013</i> . Neuroepidemiology 2015; 45(3):203-14. DOI: https://doi.org/10.1159/000441103
22	Feigin VL,... Melaku YA ,... Lo W: <i>Atlas of the Global Burden of Stroke (1990-2013): The GBD 2013 Study</i> . Neuroepidemiology 2015; 45(3):230-6. DOI: https://doi.org/10.1159/000441106
21	Krishnamurthi RV,... Melaku YA ,...Lo W. <i>Stroke Prevalence, Mortality and Disability-Adjusted Life Years in Adults Aged 20-64 Years in 1990-2013: Data from the Global Burden of Disease 2013 Study</i> . Neuroepidemiology 2015; 45(3):190-202. DOI: https://doi.org/10.1159/000441098
20	Feigin VL,... Melaku YA ,...Lo W. <i>Update on the Global Burden of Ischemic and Hemorrhagic Stroke in 1990–2013: The GBD 2013 Study</i> . Neuroepidemiology 2015; 45(3):161-176. DOI: https://doi.org/10.1159/000441085
19	Vos T,... Melaku YA ,...Murray CJL. <i>Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013</i> . The Lancet 2015; 386(9995):743-800. DOI: https://doi.org/10.1016/S0140-6736(15)60692-4
18	Weldearegawi B, Melaku YA , et al. <i>Infant mortality and causes of infant deaths in rural Ethiopia: A population-based cohort of 3684 births</i> . BMC Public Health 2015; 15(1). DOI: https://doi.org/10.1186/s12889-015-2090-x
17	Weldearegawi B, Melaku YA , Dinant GJ, Mark Spigt. <i>How much do the physician review and InterVA model agree in determining causes of death? A comparative analysis of deaths in rural Ethiopia</i> . BMC Public Health 2015; 15(1). DOI: https://doi.org/10.1186/s12889-015-2032-7

16	Fitzmaurice C,... Melaku YA ,...Murray CJL. <i>The Global Burden of Cancer 2013</i> . JAMA Oncology 2015; 1(4):505-527. DOI: https://doi.org/10.1001/jamaoncol.2015.0735
15	Weldegebreal R, Melaku YA , Alemayehu M, Gebrehiwot TG. <i>Unintended pregnancy among female sex workers in Mekelle City, Northern Ethiopia: a cross-sectional study</i> . BMC Public Health 2015; 15(1):40. DOI: https://doi.org/10.1186/s12889-015-1366-5
14	Naghavi M,... Melaku YA ,...Murray CJL. <i>Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013</i> . The Lancet 2015; 385(9963):117-171. DOI: https://doi.org/10.1016/S0140-6736(14)61682-2
2014	
13	Melaku YA , Weldearegawi B, Tesfay FH, et al. <i>Poor linkages in maternal health care services—evidence on antenatal care and institutional delivery from a community-based longitudinal study in Tigray region, Ethiopia</i> . BMC Pregnancy and Childbirth 2014; 14(1):418. DOI: https://doi.org/10.1186/s12884-014-0418-7
12	Melaku YA , Zeleke EG, Kinsman J, Abraha AK. <i>Fertility desire among HIV-positive women in Tigray region, Ethiopia: Implications for the provision of reproductive health and prevention of mother-to-child HIV transmission services</i> . BMC Women's Health 2014; 14(1):137. DOI: https://doi.org/10.1186/s12905-014-0137-2
11	Streatfield PK,... Melaku YA ,...Byass P. <i>Cause-specific childhood mortality in Africa and Asia: evidence from INDEPTH health and demographic surveillance system sites</i> . Global Health Action . 2014 Oct 29;7:25363. DOI: https://doi.org/10.3402/gha.v7.25363
10	Streatfield PK,... Melaku YA ,... Byass P. <i>Adult non-communicable disease mortality in Africa and Asia: Evidence from INDEPTH Health and Demographic Surveillance System sites</i> . Global Health Action 2014; 7:25365. DOI: https://doi.org/10.3402/gha.v7.25365
9	Streatfield PK,... Melaku YA ,...Byass P. <i>Mortality from external causes in Africa and Asia: evidence from INDEPTH Health and Demographic Surveillance System Sites</i> . Global Health Action 2014; 7:25366. DOI: https://doi.org/10.3402/gha.v7.25366
8	Streatfield PK,... Melaku YA ,...Byass P. <i>Malaria mortality in Africa and Asia: Evidence from INDEPTH health and demographic surveillance system sites</i> . Global Health Action 2014; 7:25369. DOI: https://doi.org/10.3402/gha.v7.25369
7	Streatfield PK,... Melaku YA ,...Byass P. <i>HIV/AIDS-related mortality in Africa and Asia: Evidence from INDEPTH health and demographic surveillance system sites</i> . Global Health Action 2014; 7:25370. DOI: https://doi.org/10.3402/gha.v7.25370
6	Weldearegawi B, Melaku YA , Spigt M, Dinant GJ. <i>Applying the InterVA-4 model to determine causes of death in rural Ethiopia</i> . Global Health Action 2014; 7(1):25550. DOI: https://doi.org/10.3402/gha.v7.25550
5	Murray CJL, Ortblad KF,... Melaku YA , et al. <i>Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013</i> . The Lancet 2014; 384(9947):1005-1070. DOI: https://doi.org/10.1016/S0140-6736(14)60844-8
4	Melaku YA , Weldearegawi BW, Aregay A, et al. <i>Causes of death among females—investigating beyond maternal causes: A community-based longitudinal study</i> . BMC Research Notes 2014; 7(1):629. DOI: https://doi.org/10.1186/1756-0500-7-629
3	Melaku YA , Sahle BW, Tesfay FH, et al. <i>Causes of Death among Adults in Northern Ethiopia: Evidence from Verbal Autopsy Data in Health and Demographic Surveillance System</i> . PLoS ONE 2014; 9(9):e106781. DOI: https://doi.org/10.1371/journal.pone.0106781
2	Melaku YA , Zeleke EG. <i>Contraceptive Utilization and Associated Factors among HIV Positive Women on Chronic Follow Up Care in Tigray Region, Northern Ethiopia: A Cross Sectional Study</i> . PLoS ONE 2014; 9(4):e94682. DOI: https://doi.org/10.1371/journal.pone.0094682
1	Melaku YA , Berhane Y, Kinsman J, Reda HL. <i>Sexual and reproductive health communication and awareness of contraceptive methods among secondary school female students, northern Ethiopia: A cross-sectional study</i> . BMC Public Health 2014; 14(1):252. DOI: https://doi.org/10.1186/1471-2458-14-252
Under peer-review (first or last author)	
	Melaku YA , et al. <i>Association of nutrition index, dietary inflammatory index and nutrient patterns with all-cause and cause-specific mortality (Clinical Nutrition, 2021)</i>

	Wang YB, Shivappa N, Hébert JR, Page AJ, Gill TK, Melaku YA . <i>Association between dietary inflammatory index, dietary patterns, plant-based dietary index and the risk of obesity</i> (Nutrients , 2021)
Under preparation (first draft completed, first or last author)	
	Melaku YA , et al. <i>Adherence to healthy eating index, dietary inflammatory index, nutrient patterns, and unhealthy lifestyle in predicting lung function and mortality risk</i> (2021)
	Melaku YA , et al. <i>Association of overall diet quality, plant-based dietary index, pro-vegetarian diet, dietary inflammatory index, and unhealthy lifestyle with sleep apnea risk</i> (2021)
	Melaku YA , et al. <i>Causal inference in nutritional epidemiology: methodological challenges and opportunities</i> (2021)
	Melaku YA , et al. <i>Impact of Health Extension Program on maternal and child nutrition in Ethiopia</i> (2021)
	Melaku YA , et al. <i>Incidence, prevalence, mortality, disability-adjusted life years and risk factors of chronic obstructive pulmonary disease in Australia and comparison with OECD countries, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019</i> (2021)
	Melaku YA , et al. <i>National and subnational burden of behavioural, environmental/occupational, and metabolic risks in Ethiopia, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019</i> (2021)
	Harvey A, Lovato N, Scott H, Lack L, Micic, Sweetman, Melaku YA . <i>The one question keeping you up at night: will insomnia kill me?</i> (2021)
	Adams LEH, Reynolds AC, Appleton S, Saglimbene VM, Wong G, Strippoli GFM, Craig JC, Adams R, Melaku YA . <i>Association of dietary inflammatory index with chronic kidney disease and mortality</i> (2021)
	Wang YB, Page AJ, Gill TK, Melaku YA . <i>Association of dietary pattern, plant-based dietary index and nutrient pattern with inflammation</i> (2021)

Professional contribution

Editorial role

2020 -	Associate editor, Frontiers in Nutrition (Nutritional Epidemiology Section)
2020 -	Editorial Board Member, Healthcare
2020 -	Editorial Board Member t, BMC Public Health

Reviewer (referee) role

- The Lancet Global Health
- PLOS Medicine
- European Journal of Nutrition
- Public Health Nutrition
- European Journal of Clinical Nutrition
- Nutrition Review
- BMC Public Health
- PLoS ONE
- Osteoporosis International
- IJEHPH
- Journal of Nutrition and Dietetics
- Bone
- Nutrients

Professional contribution

PhD		
Completed	Thesis title (candidate, university)	Role
2018-2020	Dietary and nutrient patterns and depression symptoms (Prem Raj Shakya, the University of Adelaide, Australia)	Co-supervisor (20%)
Ongoing		
2019-	Diet, inflammation and obesity (Yoko Wang, The University of Adelaide, Australia)	Mentor (subject matter, method and statistics)
2021-	Nutritional epidemiology (Tefera Chanie, The University of Adelaide, Australia)	Co-supervisor (20%)
2020-	Sleep and cognitive function (Jesse Parker, Flinders University, Australia)	Mentor (method and statistics)
Honours		
Completed		

2020/2021	Insomnia and mortality (Amy Harvey, Flinders University, Australia)	Co-supervisor (20%)	
Masters research by			
Completed			
2014/2015	Nutritional status and associated factors among reproductive age female prisoners in Amhara regional state, Ethiopia (Desaleng Bayleyeng, Mekelle University, Ethiopia)	Principal (60%)	supervisor
2014/2015	Nutritional status of children among home stead food producing and non-home stead food producing households in rural communities of Kilite-Awlaelo district, Eastern Zone, Tigray, northern Ethiopia: A comparative cross-sectional study ((London Hiluf, Mekelle University, Ethiopia)	Principal (60%)	supervisor
2013/14	Incidence and risk factors of anemia among HIV/AIDS patients taking anti-retroviral therapy at tertiary hospitals in Addis Ababa, Ethiopia: a retrospective cohort study (Habtamu Milkias, Mekelle University)	Principal (60%)	supervisor
2013/14	Prevalence and associated factors of malnutrition among HIV positive children in public health institutions of Central Zone, Tigray, Ethiopia (Yordanos Kassahun, Mekelle University, Ethiopia)	Principal (60%)	supervisor
2013/2014	Comparison of Nutritional Status and Associated Factors of Lactating Women Between Lowland and Highland Communities of Woreda Raya Alamata, Southern Tigray, Ethiopia, (Ismael Kalayu, Mekelle University, Ethiopia)	Principal (60%)	supervisor
2013/2014	Unintended pregnancy among female sex workers in Mekelle town, Northern Ethiopia: A Cross-Sectional Study, (Rishan Weldegebrail, Mekelle University, Ethiopia)	Principal (60%)	supervisor
2013/2014	Sero-prevalence of hepatitis B Surface antigen and associated factors among pregnant mothers attending antenatal care service, Mekelle, Tigray, Ethiopia, (Awet Werede, Mekelle University, Mekelle)	Principal (60%)	supervisor
2013/2014	Magnitude and pattern of Head injury in Ayder referral Hospital, Mekelle, Ethiopia 2013/2014 (Wondemienh Abate, Mekelle University, Ethiopia)	Principal (60%)	supervisor

Teaching

Subject and university	Semester, year	Role
Public Health Nutrition, Mekelle University	Semester II, 2014/15	Lecturer (graduate, MPH)
Human Nutrition, Mekelle University	Semester I, 2014/15	Lecturer (undergraduate)
Public Health Nutrition, Mekelle University	Semester II, 2013/14	Assistant Lecturer (graduate, MPH)
Human Nutrition, Mekelle University	Semester I, 2013/14	Senior Teaching Assistant (undergraduate)
Public Health Nutrition, Mekelle University	Semester II, 2012/13	Senior Teaching Assistant (graduate, MPH)
Human Nutrition, Mekelle University	Semester I & II, 2011/12	Teaching Assistant (undergraduate)
Human Nutrition, Mekelle University	Semester I & II, 2010/11	Teaching Assistant (undergraduate)
Introduction to Public Health, Mekelle University	Semester I & II, 2010/11	Teaching Assistant (undergraduate)

Introduction to Public Health, Mekelle University	Semester I & II, 2009/10	Teaching Assistant (undergraduate)
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Trainings

Year	Topic, place	Organizer
23 October 2019	Propensity score methods for estimating causal effects: why, when, and how, Brisbane, Australia	Australasia Epidemiological Association
22 October 2018	Causal Mediation analysis, Perth, Australia	Australasia Epidemiological Association
July-October 2017	Epidemiological Research Methods (3720_PUB_HLTH_7106), Adelaide, Australia	The University of Adelaide, School of Public Health
April-May 2016	Introduction to Systematic Review and Meta-Analysis	John Hopkins Bloomberg School of Public Health, online [Coursera]
September Dec 2015	Statistical Reasoning for Public Health 1: Estimation, Inference, & Interpretation	Coursera (John Hopkins Bloomberg School of Public Health, online)
January-March 2016	Statistical Reasoning for Public Health 2: Regression Methods	John Hopkins Bloomberg School of Public Health, online [Coursera]
August 2015	Comprehensive Systematic Review Training	The Joanna Briggs Institute, Adelaide, Australia
10-15 February 2015	Technical update training on Nutrition	ENGINE/Jhpiego, Mekelle, Ethiopia (Trainer)
15-19 November 2014	Linkage between agriculture and Nutrition	UNICEF, Axum, Ethiopia (Trainer)
10-14 November 2014	Linkage between agriculture and Nutrition, Wukro, Ethiopia (Trainer)	UNICEF
4-8 August 2014	Nutrition operational research, Adama, Ethiopia	ENGINE/Jhpiego
7-10 July 2013	Data analysis using STATA, Mekelle, Ethiopia	Mekelle University
4-5 July 2013	Scientific Article writing for publication, Mekelle Ethiopia	Mekelle University
2-3 July 2013	Scientific proposal writing, Mekelle, Ethiopia	Mekelle University
25 November 2010- 19 January 2011(64 hours)	Data analysis using SPSS, Mekelle, Ethiopia	Mekelle University
16-25 June 2010	Research Methodology and Ethic, Debre Zeit, Ethiopia	EPHA
11-14 July 2013	GIS application for research, Mekelle, Ethiopia	Mekelle University
5-10 February 2014	Nutrition technical update training, Wukero, Ethiopia	ENGINE/Jhpiego
16-20 September 2013	Qualitative research methods, Pune, India	INDEPTH network
4-8 December 2009	Essential Nutritional Action (ENA), Training of Trainers (TOT), Wukro, Ethiopia	USAID
5-7 April 2013	Leadership, Mekelle, Ethiopia	Mekelle University
4-6 January 2013	Communication skill, Mekelle, Ethiopia	Mekelle University
9-13 July 2012	Integrated management of trans-boundary diseases for inclusive economic growth, Uganda, Kampala,	USAID

Seminars and conference

Year	Conference/seminar	Presentation topic	Oral/poster /attendance
2019			
05 December 2019	Adelaide Sleep Retreat, Australasian Sleep Association, Adelaide, South Australia, 05 Dec 2019	<i>Association between macronutrient intake and excessive daytime sleepiness: an iso-caloric substitution analysis</i>	Oral
21-22 November 2019	Early Career Researcher, Adelaide, Australia,	<i>Causal inference in nutritional and sleep epidemiology: methodological challenges</i>	Oral
23-15 Oct. 2019	The Annual Scientific Meeting of Australasia Epidemiological Association—Brisbane, QLD, Australia		Attended
17-19 October 2019	Sleep DownUnder Conference, Australasian Sleep Association, Sydney, NSW, Australia	<i>Associations of behavior and sleep patterns in early childhood and insomnia symptoms in middle-age: insights from longitudinal cohort studies</i>	Oral (invited)
2018			
10-13 December 2018	International Symposium on Understanding the Double Burden of Malnutrition for Effective Interventions, Vienna, Austria	<i>Trends of mortality attributable to child and maternal undernutrition, overweight/obesity and dietary risk factors of non-communicable diseases in sub-Saharan Africa, 1990-2015: findings from the Global Burden of Disease Study 2015</i>	Oral (invited)
22-24 October 2018	Annual Scientific Meeting of Australasia Epidemiological Association, Fremantle, WA, Australia		Attended
2016			
October 2016	State Public Health Association of Australia, Adelaide, Australia	<i>Burden and trend of diet-related non-communicable diseases in Australia and Comparison with 34 countries</i>	Oral
2017			
26-29 November 2017	Asia-pacific Conference on Clinical Nutrition, Adelaide, Australia,	<i>Prospective associations of dietary and nutrient patterns with all-cause mortality: Findings from a 20-year follow-up study in China</i>	Oral
19-22 August 2017	World Congress of Epidemiology (The International Epidemiological Associations), Saitama, Japan	<i>Prospective associations of dietary and nutrient patterns with fracture risk: a 20-year follow-up study</i>	Poster
2016			
29 November-2 December 2016	Nutrition Society of Australia—Melbourne, Australia	Association between nutrient patterns and bone mineral density among aging adults	Poster
2015			
21-24 July 2015	Ministry of Health and Harvard University, Addis Ababa, Ethiopia (at National Workshop on Building Local Health Research Capacity and Use of Evidence for Decision-making and Action Oriented Policy Analysis)	<i>The contribution of Kilite-Anlaelo Health and Demographic Surveillance System (KA-HDSS) to evidence-based decision at regional and national level</i>	Oral (invited)
2014			

26th December 2014	Mekelle University research review day	<i>Health and demographic indicators in Tigray region: evidence from Kilite-Amlaelo Health and Demographic Surveillance System (KA-HDSS)</i>	Oral (invited)
18 April 2014	Tigray Regional Health Bureau Forum, Mekelle, Ethiopia	<i>Health and Demographic indicators from Kilite-Amlaelo Health and Demographic surveillance System (KA-HDSS)</i>	Oral (invited)
2-6 June 2014	International Micronutrient Forum—Addis Ababa, Ethiopia		Attended
1-4 April 2014	INDEPTH Network Members Profile Writing Workshop, Accra, Ghana	<i>Workshop</i>	Attended
2013			
23-29 December 2013	Longitudinal data analysis and write up of Health and Demographic Surveillance sites' (HDSS) data in Ethiopia, Bahir Dar, Ethiopia	<i>Workshop</i>	Attended
26-31 January 2013	Longitudinal data analysis and write up of Health and Demographic Surveillance sites' (HDSS) data in Ethiopia, Mekelle, Ethiopia	<i>Workshop</i>	Attended
11-15 Nov. 2013	International Family Planning Conference—Addis Ababa, Ethiopia,		Attended
14-16 Oct. 2013	2nd Global Congress of Verbal Autopsy—Greece, Rhode	<i>Application of verbal autopsy method to determine causes of death in low resource settings</i>	Oral (invited)
12 Oct. 2013	MSH Ethiopia, Operational Research Conference, Mekelle, Ethiopia	<i>Assessment of fertility desire, family planning utilization, and associated factors among HIV positive women on chronic care, Tigray Region, Northern Ethiopia</i>	Oral (invited)
9-13 July 2013.	One Health” Conference, Uganda, Kampala	<i>Sexual and reproductive health issues in Secondary schools: the case of Mekelle city, Ethiopia”</i> at “One Health	Poster (invited)
04-05 March 2013	Annual Ethiopian Society of GynObse (ESOG) Meeting, Addis Ababa, Ethiopia	<i>Sexual and reproductive health communication and awareness of contraceptive methods among secondary school female students, northern Ethiopia</i>	Oral

Personal skill

➤ Language

- English - excellent in speaking, writing, listening and reading
- Amharic (national language of Ethiopia) is my mother tongue.

➤ Computer skills

- Excellent command of office suite (word processor, spread sheet and powerpoint)

➤ Software skills

- Excellent command of *Stata, R, SPSS, Epi Info, EpiData, House Hold Registration System 2 (HRS 2), and Inkscape*
- Excellent command of nutrition software—*ENA SMART, WHO Anthro* and *Anthro plus*
- Good command of *ArcGIS*

Professional association

2019-	Member Australasian Sleep Association (ASA)
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2018-	Member of Australasia Epidemiological Association
2016-	Member of Nutrition Society of Australia
2016-	Founder and subtheme (non-communicable disease and risk factors) leader of Ethiopian National Burden of Disease (E_NBD) Expert Team since September 2016
2014-	Member of Food and Nutrition Society of Ethiopia (FoNSE)
2013-	Member of Global Burden of Disease Expert Group
2009-	Life time member of Ethiopian Public Health Association (EPHA)

Referee

1. A/Prof Zumin Shi (Ph.D)
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