Curriculum Vitae



I. Personal Information

Family name (surname): Abraha

First names: Alem Gebremariam

Place of Birth: Adigrat, Tigray, Ethiopia

Date of birth (Day/Month/Year): Oct. 13, 1982

Nationality: Ethiopian

Address: Email: alemg25@gmail.com

Tel: +251910352915/+251-983794291

Mail: P.O. Box: 50, Adigrat, Tigray, Ethiopia ORCID ID: https://orcid.org/0000-0003-2173-6685

Google Scholar citations:

https://scholar.google.com/citations?user=3F75CAAAAAJ

II. Educational Accomplishments

Field of Study	Institution	Award	Period
Ph.D. in Epidemiology	Addis Ababa University, Addis	Ph.D. Degree	Jan. 2016 – Oct. 2021
	Ababa, Ethiopia		
MPH in Epidemiology	Addis Ababa University, Addis	MPH Degree	Oct. 2010 – Jul. 2012
	Ababa, Ethiopia		
Computer Microsoft	Dotnet Computer technology, Bale,	Diploma	Jan. 2013- Jun. 2013
Office Application	Oromia, Ethiopia		
BSc. in Public Health	Mekelle University, Mekelle, Ethiopia	BSC. Degree	Nov. 2005 – Oct. 2008

III. Summary of major area of competence_

- ✓ Excellent computer skills in Stata, SPSS, R, SAS, Epi-Info, Epi-data, Microsoft Excel and other Microsoft Office Products, Open code, NVivo, ODK, SMART, ANTRO Plus
- ✓ Excellent quantitative statistical modeling skills, including survival analysis using Stata, R, and other statistical software
- ✓ Excellent communication skills, including report and scientific manuscript writing
- ✓ Highly proficient in project proposal writing, coordination, management, budget tracking, monitoring, and evaluation
- ✓ Strong interpersonal communication skills and managerial capacity
- ✓ Excellent in self-learning and independent work
- ✓ Ability to think strategically and integrate diverse information from varied sources

IV. Professional work experiences

Year	Rank and	Key tasks
E 1 14 2017	Employer	
Feb. 14, 2017 —Present	Assistant Prof. of Epidemiology, Adigrat University College of Health Science, Adigrat, Tigray, Ethiopia	 Post Graduate Coordinator at SPH of Adigrat University Data manager of the project on "Community-Based Urban Cohort in Addis Ababa" at the School of Public Health of Addis Ababa University PI for breast and cervical cancer patients experience project
	Jointly appointed researcher at the Tigray Health Research Institute	 Supervise and direct the research and community service work of the project staff members of the college and volunteers at different levels Writing original manuscripts and publishing them in international peer-reviewed journals
		 Teaching graduate and undergraduate students Coached/mentored/advised masters and undergraduate students Reviewer of EJHD, Plos One, and Dove Press Journals
Jul. 01, 2014- Feb13, 2017	Lecturer of Epidemiology and Biostatistics, Adigrat University, Tigray	 Teaching epidemiology to undergraduate students Conducted research and published original research in international journals Mentoring students for thesis, CBTP, and TTP Provide in-service training for health professionals
Oct.1, 2012- Jun.31, 2014	Lecturer of Epidemiology and Biostatistics, Mada Walabu University; Oromia region, Ethiopia	 Teaching Epidemiology and biostatistics, mentoring undergraduate students Led and participated in the university affairs University-level Research and policy review focal person
Jun.01, 2012 – Sep. 30, 2012	UNFPA RH/GBV Programme Officer, Guji zone Oromia, Ethiopia	 Worked as a humanitarian officer Assist in RH and GBV programming and Project Implementation Carry out need assessment surveys Represent UNFPA in all RH and GBV stakeholders' meetings in the zone
Oct. 2009- Aug. 2010	Graduate Assistant I & II in Madda Walabu University, Oromia region, Ethiopia	 Teaching & mentoring undergraduate students Led and participated in the university affairs
Oct. 2008- Oct. 2009	Health Center director, Tigray	Chief Executive of the Board of the Health Center

Central Zone, Tigray, Ethiopia

- Providing preventive, curative, and rehabilitative services in the health center
- Supportive supervision and giving training to PHC unit workers

IV. Short-term training and certifications_

Some of the important training I took are described below.

S. N	Type/Title of the training	Date	Trainer/Organization
1.	Non-communicable Diseases Epidemiology	5 days	Martin Luther University, Halle (Saale), Germany
2.	SCREM	33 days	ITM Antwerp, Belgium
3.	Diseases Epidemiology in the Context of the Sustainable Development Goals	5 days	Martin Luther University, Halle (Saale), Germany
4.	'R' software for statistical computing & graphics and interactive biostatistics workshop	5 days	Harvard T.H. Chan SPH, and AAU, CHS, Department of Psychiatry
5.	'Interactive biostatistics workshop	5 days	Harvard T.H, Chan School of Public Health, Department of Epidemiology and AAU, CHS, Department of Psychiatry
6.	Scientific Manuscript writing	3 days	AAU and ACS, Addis Ababa, Ethiopia
7.	Research Ethics Training Curriculum	5 days	FHI 360, Addis Ababa, Ethiopia
8.	Mixed Study designs	5 days	Adigrat University and Instructors without boarder from Canada
9.	Communication Skill Training for Health Care Professionals in Clinical setting	3 days	Ethiopian Medical Association and USAID, Bisheftu, Oromia, Ethiopia
10.	HIV Case-based surveillance	5	ICAP, EPHI, Adama, Ethiopia
11.	Vaccine-Preventable Disease Surveillance and Response Training	5 days	EPHI, WHO, Aksum, Ethiopia
12.	Harmonized Health Facility Assessment introduction	3 days	e-learning from OpenWHO.org
13.	Outbreak Investigations in Health Facilities	2 days	e-learning from OpenWHO.org

V. Project-related work experience with National and International NGOs (Data collection & team leadership in the field)

S.N	Topics of the project	Responsibilities	Date	Duty station	Organization
1.	Breast and cervical cancer patient's experience in Addis Ababa city, Ethiopia: a follow-up study	 PI of the project Coordinating the data collection of the project Managing and analyzing the collected data Manuscript writing and publication of the results 	January 1, 2017- May 18, 2021	Addis Ababa City, Ethiopia	/contact American Cancer Society Dr. Ahmedin Jemal: ahmedin.jemal@cancer.org Dr. Adamu Addissie: adamuaddissie@gmail.com Dr. Mathewos Assefa: mathewosassefa80@hotmail.com Prof. Alemayehu Worku: alemayehuwy@yahoo.com
2.	Evaluation of Micronutrient powder (Desta) in Tigray region, of Ethiopia (A qualitative research)	 Contacting officials at district level Facilitating data collection programs Data collection, transcription, and translation 	Jan. 23 –Feb.4, 2017	Freweini and Rama districts of Tigray	Dr. Seifu Hagos 0911613577
3.	Family planning integration in Tigrai, Ethiopia (A qualitative research)	 Contacting officials at district level Facilitating data collection programs Data collection, transcription, and translation 	Dec. 1-10, 2016	Adi Nebried district of Tigray	L-ten K Dr. Mitike Molla 09-11-13-18-05
4.	Fistula cases based on the most significant change history in Tigrai, Ethiopia (A qualitative research)	Data collectionTranscription and translation	Dec. 4-10, 2015	Four districts of Tigray	Healings Hands of Joy Mr. Zelalem Adugna 0911921206
5.	Barrier analysis on factors influencing care seeking to ICCM and CBNC in Ethiopia (A qualitative research)	 Contacting officials at Zonal and district level of Tigrai Facilitating data collection programs Data collection, transcription, and translation 	Nov. 4-12, 2015	Enderta and Hintalo Wajirat, Saharti Samenre, Degua Temebene districts	Hand-on research and training in collaboration with UNICEF. Mr. Tolcha: 09 35-40 9571 Or Dr. Mitike Molla (PhD): 09-11-13-18-05

6.	Qualitative research on the Continuum of care	•	Data collection Transcription and translation	December 7-11, 2014	Saharti Samere District, Tigrai Ethiopia	JSI Research and Training Institute, Inc. (the last 10k Project) Dr. Mitike Molla (PhD): 09-11-13-18-05
7.	Assessing social determinants of Health among selected towns of Ethiopia	•	Data collection, transcription, and translation	April 2016	Adigrat and Mekelle city of Tigrai	AAU in collaboration with JSI Mr. Muluken Gizaw 09-12-28-10-01
8.	Assessing Ethiopian Health Workers' Practice with Task Analysis in Ethiopia	•	Data collection Field report	Feb. 16 - March 6, 2015	Amhara Benshangul and Gumuz regions	Jheipigo Ethiopia Mr. Bekalu: 0917804269
9.	Baseline study of the project entitled "MI-Ethiopia Community-Based Maternal and Neonatal Health Project in Afar Region."	•	Program Coordinator Qualitative data collector Data transcription and translation	June 5 –July 5, 2013	Afar	MI and AAU Prof. Misganaw Fantahun and Dr. Seifu Hagos (PhD): 0911613577
10.	Midterm Evaluation of the IUCD Revitalization Initiative by FHI 360, Tigray, Ethiopia	•	Data collection Field report	February 18- March 29, 2013	Kilteawlaelo, Adigrat, and Tahtay Machew districts of Tigrai	FHI 360 Mr. Abineizer
11.	Intention to use long and permanent contraceptives use in Adigrat town, Tigray, Ethiopia (Mixed method study)	•	Principal investigator	Dec. 2011	Adigrat Town	Master's thesis Alem Gebremariam 09-10-29-35-15

VI. Research Publication Experience

I have authored and co-authored more than 25 articles which are published in peer-reviewed International journals. Some of the peer-reviewed publications are:

- Gebremariam A, Assefa M, Addissie A, Worku A, Pace LE, Kantelhardt EJ, et al. Delayed initiation of adjuvant chemotherapy among women with breast cancer in Addis Ababa, Ethiopia. Breast Cancer Res Treat (2021). https://doi.org/10.1007/s10549-021-06131-9.
- 2. **Gebremariam A,** Addissie A, Worku A, Assefa M, Pace LE, Kantelhardt EJ, et al. **Factors associated with late-stage diagnosis of breast cancer among women in Addis Ababa, Ethiopia.** Breast Cancer Res Treat; 2021;185:117-124. https://doi.org/10.1007/s10549-020-05919-5
- 3. Gebremariam A, Addissie A, Worku A, et al. Time intervals experienced between first symptom recognition and pathologic diagnosis of breast cancer in Addis Ababa, Ethiopia. BMJ Open 2019;9:e032228. doi:10.1136/bmjopen-2019-032228
- 4. Gebremariam A, Addissie A, Worku A, et al. Perspectives of patients, family members, and health care providers on late diagnosis of breast cancer in Ethiopia: A qualitative study. PLoS ONE 13(1):e0191506.https://doi.org/10.1371/journal.pone.0191506
- Gebremariam A, Addissie A, Worku A, et al. Application of the rapid ethical assessment approach to enhance the ethical conduct of longitudinal population-based female cancer research in an urban setting in Ethiopia. BMC Medical Ethics. (2018)19:87 https://doi.org/10.1186/s12910-018-0328-8
- Gebremariam A, Addissie A, Worku A, et al. Breast and cervical cancer patients' experience in Addis Ababa city, Ethiopia: a follow-up study protocol. BMJ Open 2019;9:e027034. doi:10.1136/bmjopen-2018-027034
- 7. Dereje N, **Gebremariam A**, Addissie A, et al. **Factors associated with advanced stage at diagnosis of cervical cancer in Addis Ababa, Ethiopia: a population-based study.** BMJ Open 2020;10:e040645. doi: 10.1136/bmjopen-2020-040645
- 8. Dereje N, Addissie A, Worku A, **Gebremariam A**, et al. **Association between waiting time for radiotherapy initiation and disease progression among women with cervical cancer in Addis Ababa, Ethiopia**. Int J Cancer. 2021 May 17. doi: 10.1002/ijc.33689. Epub ahead of print. PMID: 33997978.
- 9. Teame H, Addissie A, Ayele W, Hirpa S, Gebremariam A, Gebreheat G, et al. Factors associated with cervical precancerous lesions among women screened for cervical cancer in Addis Ababa, Ethiopia: A case-control study. PLoS ONE. (2018) 13(1):e0191506.https://doi.org/10.1371/journal.Plos One.0191506
- 10. Hadush Gebregziabher, Amaha Kahsay, Fereweini Gebrearegay, Kidanemaryam Berhe, Gebremariam A, et al. Food taboos and their perceived reasons among pregnant women in Ethiopia: a systematic review, 2022. BMC Pregnancy and Childbirth (2023) 23:116

- 11. Haftom M, Petrucka P, Gemechu K, Nesro J, Amare E, Hailu T, Ashebir Y, Gebreheat G, Hagos H, Gebremedhin D, **Gebremariam A. Prevalence and Risk Factors of Human Leishmaniasis in Ethiopia: A Systematic Review and Meta-Analysis**. Infect Dis Ther. 2020. DOI: https://doi.org/10.1007/s40121-020-00361-y.
- 12. Haftom M, Petrucka P, Gemechu K, Mamo H, Tsegay T, Amare E, Kahsay H, Gebremariam A. Knowledge, Attitudes, and Practices Towards COVID-19 Pandemic Among Quarantined Adults in Tigrai Region, Ethiopia. Infect Drug Resist. 2020;13:3727-3737. https://doi.org/10.2147/IDR.S275744
- 13. Woldemariam GT, Atnafu NT, Radie YT, Wolde GT, Gebreagziabher TT, Gebrehiwot TG, Teka YH, Hagos MG, Hagezom HM, Yigzaw HB, Gebremedhin HT, Mezgebo HM, Gebremariam A. Determinants of Diabetic Foot Ulcer Among Adult Patients with Diabetes Attending the Diabetic Clinic in Tikur Anbessa Specialized Hospital, Addis Ababa, Ethiopia: Unmatched Case–Control Study. Diabetes Metab Syndr Obes. 2020;13:3739-3747 https://doi.org/10.2147/DMSO.S265988
- 14. Berhe K, Kidanemariam A, Gebremariam G and **Gebremariam A**. **Prevalence and associated factors of adolescent undernutrition in Ethiopia: a systematic review and meta-analysis**. BMC Nutrition (2019) 5:49. https://doi.org/10.1186/s40795-019-0309-4
- 15. Berhane B, Gebrehiwot H, Weldemariam S, Fisseha B, Kahsay S, and **Gebremariam A**. **Quality of basic emergency obstetric and newborn care (BEmONC) services from patients' perspective in Adigrat town, Eastern zone of Tigray, Ethiopia. 2017: a cross-sectional study**. BMC Pregnancy and Childbirth (2019) 19:190; https://doi.org/10.1186/s12884-019-2307-6
- 16. Gebru T, Murugan R, **Gebremariam A** and Goyteom M. **Knowledge and practice of immediate** new-born care among midwives in central zone public health facilities, Tigray, Ethiopia: a cross-sectional study. BMC Res Notes (2019) 12:487 https://doi.org/10.1186/s13104-019-4532-5
- 17. Demoz GT, Gebremariam A, Yifter H, et al. Predictors of poor glycemic control among patients with type 2 diabetes on follow-up care at a tertiary healthcare setting in Ethiopia. BMC Res Notes (2019) 12:207. https://doi.org/10.1186/s13104-019-4248-6
- 18. Mekonnen W, Hailemariam D, **Gebremariam A. Causes of maternal death in Ethiopia between 1990 and 2016: a systematic review with meta-analysis**. Ethiop. J. Health Dev. 2018;32(4)
- Gebremariam A, Gebremariam H. Contraceptive use among lactating women in Ganta-Afeshum District, Eastern Tigray, Northern Ethiopia, 2015: a cross-sectional study. BMC Pregnancy Childbirth. 2017 Dec 16;17(1):421.
- 20. Bekele T, Gebremariam A, Kaso M, Ahmed K. Attitude, reporting behavior and management practice of occupational needle stick and sharps injuries among hospital healthcare workers in Bale zone, Southeast Ethiopia: a cross-sectional study. J Occup Med Toxicol. 2015;10:42. (10.1186/s12995-015-0085-2)

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- 21. Bekele T, Gebremariam A, Kaso M, Ahmed K. Factors Associated with Occupational Needle Stick and Sharps Injuries among Hospital Healthcare Workers in Bale Zone, Southeast Ethiopia. PLoS One. 2015;10(10):e0140382 (http://dx.doi.org/10.5061/dryad.c78v2).
- 22. Gebremariam A, Addissie A. Intention to use long-acting and permanent contraceptive methods and factors affecting it among married women in Adigrat town, Tigray, Northern Ethiopia. Reprod Health. 2014 Mar 16;11(1):24. http://www.reproductive-health-journal.com/content/11/1/24
- 23. **Gebremariam A**, Addissie A. **Knowledge and perception on long-acting and permanent contraceptive methods in Adigrat town, Tigray, northern Ethiopia: a qualitative study**. Int J Family Med. 2014;2014:878639. http://dx.doi.org/10.1155/2014/878639
- 24. Kahsay S, Berhe G, **Gebremariam A**, and Birhane B. **Determinants of Caesarean Deliveries and its Major Indications in Adigrat Hospital, Northern Ethiopia: A Case-Control Study**. Epidemiology (Sunnyvale) 2015, 5:3. http://dx.doi.org/10.4172/2161-1165.1000192
- 25. Gebremariam H, Gebremariam A, Tesfay G, Said O, and Assefa H. Mean Difference of Age at Menarche and Body Mass Index among Government and Private High-School Students of Mekelle City, Northern Ethiopia. J. Nutr. Food Sci. 2015, S3. http://dx.doi.org/10.4172/2155-9600.S3-004
- 26. Bekele T, Kaso M, **Gebremariam A**, Deressa W(2015) **Sexual Violence and Associated Factors among Female Students of Madawalabu University in Ethiopia**. Epidemiology (Sunnyvale) 2015, 5:(2). http://dx.doi.org/10.4172/2161-1165.1000190
- 27. Bekele T, Gebremariam A, and Tura P. Factors Associated with Contraceptive Discontinuation in Agarfa District, Bale Zone, South East Ethiopia. Epidemiology (Sunnyvale); 2015, 5(1). http://dx.doi.org/10.4172/2161-1165.1000179
- 28. Gebremariam A, and Addissie A. Modern contraceptive method mix and factors affecting utilization of modern contraceptives among married women in Adigrat town, Tigray, Northern Ethiopia. Family Medicine & Medical Science Research; 2014, 3(3). http://dx.doi.org/10.4172/2327-4972.1000139
- 29. Bekele T, **Gebremariam A**, and Tura P. **Contraceptive Choice and Switching Pattern among Married Women in Rural Communities of South East Ethiopia.** Family Medicine & Medical Science Research; 2014, 3(3). http://dx.doi.org/10.4172/2327-4972.1000133

VII. Research under review_

Association of delay in breast cancer diagnosis with survival in Addis Ababa, Ethiopia: A
prospective cohort study (accepted by JCO Global Oncology)

VIII. Research grants

- Breast and cervical cancer patients' experience funded by the Intramural Research Department of the American Cancer Society
- Assessment of prevalence and associated factors of exclusive breastfeeding in Ganta-Afeshum district, 2015, funded by Adigrat University Research and community service office

IX. Conference Presentations

- 1. Time intervals experienced between first symptom recognition and pathologic diagnosis of breast cancer in Addis Ababa, Ethiopia; Poster presentation on the 12th International Conference on Cancer in Africa, 05 08 November 2019 at Maputo, Mozambique
- 2. Role of delayed health care on the survival of breast cancer patients: A systematic review on 4th
 Annual Research Conference and Medical Exhibition July 27, 2019, AA Biomedical College,
 Ethiopia
- Barriers to early diagnosis of breast cancer patients attending Tikur Anbessa Specialized Hospital, Oncology Clinic: A qualitative study on 6th annual conference of Public Health Officers Association of Ethiopia, March 24-25, 2017, Addis Ababa, Ethiopia
- Contraceptive Choice and Switching Pattern among Married Women in Rural Communities of South East Ethiopia on the annual conference of Ethiopian Public Health Association (EPHA), February 25-27, 2015, Bahri Dar, Ethiopia
- 5. Intention to use long-acting and permanent contraceptive methods and factors affecting it among married women in Adigrat town, Tigray, Northern Ethiopia on **2013 International Conference on Family Planning.** November 12 15, 2013, Addis Ababa, Ethiopia
- 6. Intention to use long-acting and permanent contraceptive methods and factors affecting it among married women in Adigrat town, Tigray, Northern Ethiopia on 25th Silver Jubilee and the annual conference of Ethiopian Public Health Association (EPHA), 20-22, 2014, Addis Ababa, Ethiopia, February

X. Leadership

Date	Position		
May 2023 - Current	Adigrat University Proposal Preparation and Fund Raising Team Member		
July 8, 2014- Dec. 30, 2015	Chairman of the college research ad-hoc committee of Adigrat University College of Medicine and health sciences, and Teachers' Affair representative of College of Medicine and Health Sciences, Adigrat University		
June 01- Sept. 30, 2012	UNFPA Program Coordinator of Reproductive Health or Gender-Based Violence in Guji Zone, Oromia, Ethiopia		
December 2013 - June 2014	University-level appraisal of projects, guidelines, and research proposals in Madawalabu University, Oromia, Ethiopia		
Oct. 08, 2008 – Oct. 08, 2009	Head of Gerhusernay health center, central zone, Tigray, Ethiopia		

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XI. Professional Memberships

Regular Member of AORTIC (African Organization for Research and Training in Cancer

Training)

Life Member of the Ethiopian Public Health Association

Regular Member of the Ethiopian Public Health Association

XII. Skills and Hobbies

Languages Fluent in English, Tigrigna, and Amharic

Computer Skills Excellent in Microsoft Windows, Microsoft Office Products, Epi-

Info, Epi-data, SPSS, Epi Info, STATA, R, Open code, NVivo

Project Proposal Writing Highly Proficient

Hobbies Reading books, magazines, and articles; visiting historical and

religious places, and helping people in need of my assistance.

XIII. Academic referees

1. Dr. Adamu Addissie (MD, MPH, MA, PhD)

School of Public Health, College of Health Science, Addis Ababa University

Tel: +251-911-404954 (Cell phone), +251-112-700452 (Home)

E-mail: adamuaddis@yahoo.com

2. Prof. Eva Johanna Kantelhardt (MD, Gynecologist)

Global Health Working Group, Martin-Luther-University, Halle-Wittenberg Halle, Germany

Tel.: +49 (0)345 557 4166 / 557 1891 E-mail: <u>eva.kantelhardt@uk-halle.de</u>

I hereby certify that all information provided in this CV is complete and accurate to the best of my knowledge.

Signature: SIGNED as Alem Gebremariam Date: August 2023

Dute. Hugust 2020