TECHNICAL PROPOSAL

EXPLORING THE CHALLENGES ENCOUNTERED AND BEST PRACTICES FOR

GENDER TRANSFORMATIVE LEGAL EMPOWERMENT IN PURSUIT OF CLIMATE, LAND, AND ENVIRONMENTAL JUSTICE WORK IN LOW-AND MIDDLE-INCOME COUNTRIES:

A CASE STUDY IN NAMATI AND THE GRASSROOTS JUSTICE NETWORK

Submitted to:

NAMATI AND THE GRASSROOTS JUSTICE NETWORK

Submitted by:

SHINE ON MALAWI, LILONGWE - MALAWI

TEL: +265-881-44- 0069 CEL: +265-994- 56- 4864

EMAIL: kyusa.net@gmail.com

Website: https://www.shineonmalawi.org/

CONTACT PERSON: Allen Mwangonde

LEGAL CONSULTANT

Stalin Mwandila

EXECUTIVE DIRECTOR

September, 2023

Lilongwe, Malawi

Consultancy Application Form

Contents

PART I – ADMINISTRATIVE INFORMATION	3
PRINCIPAL INVESTIGATOR	3
PROJECT	3
INSTITUTION	4
PART II - PROJECT DESCRIPTION	6
2. Objectives and outcomes	7
3. Key deliverables and success indicators	9
4. Design and methods	10
5. Data management and statistical analysis	11
6. Quality assurance	11
7. Results uptake and use; sustainability	11
9. Ethical and environmental considerations	12
10. Risk management.	12
11. Project team (Interim).	13
PART III - PARTNERSHIPS	14
Collaboration	14
PART IV – BUDGET (INTERIM)	15
PART V - BIBLIOGRAPHIC REFERENCES	16
Appendix 1. CV of research teams	17

PART I – ADMINISTRATIVE INFORMATION

Please note: The completed application has been reviewed and recommended by Shine On Malawi Board Members. Having read the proposal requirements, I notice the following elements that must be included for consideration:

1. The proposal has indicated the following elements:

- Organization or individual's profile
- Proposed methodology/approach and detailed timeline with major tasks and milestones demonstrating understanding of the scope of work
- Project team (key staff to be involved in the design process and their relevant experience, etc.)
- Detailed breakdown of the number of days estimated for each deliverable, daily
 or hourly cost, and an overall estimate of cost, including but not limited to the
 following:
 - How many rounds of revisions are included and how much extra rounds of revisions would cost
 - o Any and all additional costs
- Portfolio, with a description of up to 3 similar projects, with links if available
- Three client references

PRINCIPAL INVES	STIGATOR	
2. Last (family) names	: Mwangonde	3. First and given names: Allen
3. Woman	4. Nationality: Malawian	5. Ms Mr Mx Dr Prof
⊠Man ☐ Other		
☐ Non-binary		
Full postal address of	the principal investigator: Shir	ne On Malawi, P.O.Box 231, Lilongwe
6. Country: Malawi		7. Telephone (office): +265 881 44 0069
8. Telephone (mobile)	:+265 994 56 4864	9. e-mail: kyusa.net@gmail.com
10. Are you a MEMBI	ER OF NAMATI?	11. If Yes, indicate the Year of Registration: 2018
⊠ Yes	☐ No	
PROJECT		
Exploring the chall	enges encountered and b	est practices for Gender transformative legal
empowerment in p	ursuit of climate, land, an	d environmental justice work in low-and
middle-income cou	ntries	
13. Abstract / Executive	summary	
Challenging gender norn	ns, addressing gender inequalities	s and physiological sex differences in advancing land and
environmental justice req	uires innovative strategies. Given	that climate change disproportionately impacts women and

girls, a "gender transformative" approach is crucial for sustainable climate resilience, land, and environmental justice. Thus, understanding the different dimensions of gender related to climate intervention strategies is critical in the protection of community lands and enforcing environmental laws across different contexts. However, how social and gender related dynamic integrated throughout all phases of the climate intervention and strategies has not yet explored some of the <u>Grassroots Justice Network membership¹</u>, as such, there is a strong interest in understanding how gender transformative approaches are a key ingredient in advancing land and environmental justice. Therefore, the aim of this study will be "to explore the key principles and best practices around gender transformative grassroots land and environmental justice work in order to protect community lands, enforce environmental laws, and win transformative changes in the Grassroots Justice Network membership". Qualitative and intersectional approach with case study will be employed to address the objectives of the study. For selection of specific areas in each country and participant, we will employ both purposive and snowball sampling to find the hidden and marginalized people in the six countries. Though it is very difficult to determine the sample sizes of qualitative studies, a minimum of 24 focus group discussions (4 FGD in each country), 60 in-depth interviews (10 in each country) and 36 (6 in each country) key informative interview in the six countries will be conducted. However, we will go beyond this number of samples until the data reaches at saturation point. A pretested focus group discussions and in-depth interviews guides will be used to collect data. Experienced data collectors and supervisors will be recruited, selected and trained. Discussion and interviews will be deeply transcribed and then text data will be translated from local language to English. Data will be coded and categorized using Nvivo software version14. Categorized data will be thematized. Analysis and interpretation will be done. This study will be conducted in accordance with the ethical standards by taking ethical approval from each country and international standards. The study will be completed in 10 months and required a total of 9533,326 US dollar. 14. Start date: 15-Oct-23 15. End date: 31- Aug-2024 16. List of countries where the project will be conducted: TBC 17. List of main language(s) used: TBC 18. Acceptance of general conditions by the Principal Investigator I have read the conditions set out in the instructions provided with the call for proposal and, if my application is successful, I agree to abide by them. I shall be actively engaged in the project. Date: September 30, 2023 Signature: **INSTITUTION** 19. Full name and postal address of the institution: Shine On Malawi, P.O.Box 231, Lilongwe, Malawi 20. Country: Malawi 21. Telephone: +265994 56 4864 22. Institution's website: https://www.shineonmalawi.org/ 23. Type of organization: University research institute NGO 24. Legal status: ☐ Public public health institution other (specify): ⊠ Private

¹ Namati, together with the Grassroots Justice Network – a global community of over 12,000+ members from 175 countries - is building a global movement of frontline advocates learning from each other and combining their power to make system-wide change.

	Other
` ` `	eted by the Responsible Administrative Authority. This person ontractual arrangements on behalf of the Institution)
25. Full name: Mr Stalin Mwandila	26. Email address: stalinshineonmamawi@gmail.com /Stalinshineon@gmail.com

27. Position: Executive Director of Shine on Malawi

28. I confirm that I have read this application and that if contract is awarded, this institution will provide the necessary support and oversight to facilitate quality implementation and reporting of the proposed work. I am writing this support letter in my capacity as Executive Director for Shine On Malawi. I am aware that our legal research team of Shine On Malawi, which is member in Namati, together with the Grassroots Justice Network – a global community of over 12,000+ members from 175 countries - is applying for a project that intends to explore the key principles and best practices around gender transformative grassroots land and environmental justice work. That the program will involve several monthly virtual sharing conversations between October and December 2023, followed by a one-week in person learning exchange to share and discuss good practices, planned to take place in February or March 2024. That the learning exchange will bring together both Network member organizations and Namati program staff, and will be followed by a two-day convening for Namati staff to reflect on and identify ways to integrate the learnings from the week into their programming and strategy.

Shine on Malawi is a local non-governmental organization established in 2018. The organization is a registered by Malawi Government under The Ministry of Justice and constitutional Affairs, (Reg#: TR/INC:8448), Council for Non-Governmental Organization in Malawi (CONGOMA), Reg#: C1411/2020 and NGO Regulatory Authority of Malawi, (Reg#:NGOL/20/045). The organization has also qualified people with vast experience in community developmental program. Shine on Malawi have capacity to implement the interventions at all levels. I assure you that Shine On Malawi will also support the research teams during implementation of the project and monitor inline with the NAMATI commitment.

Signature: Date: 30/09/2023

Contact Number: (+265) 888510137 / +265 994359059

PART II - PROJECT DESCRIPTION

1. Rationale and background

Gender is the array of socially constructed roles and relationships, personality traits, attitudes, behaviors, values, relative power and influence that society attach to persons born with male or female characteristics. Research indicates that climate change increases sexual and gender-based violence, as such may be used to control women's access to natural resources in the context of scarcity and degradation, or as a deterrent against women mobilizing for their environmental rights. Similarly, women are highly dependent on customary and informal governance structures to access land and other natural resources. Such structures tend to reinforce patriarchal and conservative social norms and power relations, diminishing women's ability to realize their rights to land and food in a context of scarcity. Ensuring equal access to justice, the enactment of inclusive and effective climate laws and policies, and women's meaningful participation in climate decision-making necessitates the adoption of a gender-transformative, rule of law-based approach, taking into account the specific vulnerabilities of women and girls and seeking to shift gender relations toward equality and non-discrimination².

Independent of biological character, gender inequality related to status, power, and rights affect the health status of women and their vulnerabilities (Magnus, Greene, & Kishor, 2004). Social constructs of gender is a determinant of legal rights for child, boys, girls, women, men, women and gender-diverse people (Brinda, Rajkumar, & Enemark, 2015; Klugman, Li, Barker, Parsons, & Dale, 2019). Globally, gender inequalities leads to excess in mortality and injustices across all groups of the society (Anderson & Ray, 2010; Sen, Ostlin, & George, 2007; Wong, Ho, Wang, & Miller, 2017). Research demonstrates that women's participation in decision-making around the use of land and natural resources results in greater inclusiveness and responsiveness to people's needs. For example, if women had the same access to productive resources as men, they could increase farm yields by 20 to 30 percent, reducing overall hunger by 12 to 17 percent.

Therefore, the aim of this study will be to explore the challenges encountered and best practices for Gender transformative legal empowerment in pursuit of climate, land, and environmental justice work in low-and middle-income countries.

2. Objectives and outcomes

The main objective of this study is to investigate the challenges encountered and best practices for Gender transformative legal empowerment in pursuit of climate, land, and environmental justice work in low-and middle-income countries.

Ot	ojectives	Expected outcomes
1.	To explore the intersection of gender and other axes of inequalities in the delivery of and access to empowerment and protection approaches	Legal empowerment and protection of civic space may enable people and communities to claim their environmental rights, while inclusive policymaking ensures climate policies are informed by and more responsive to their needs. Priority should be given to people and groups whose lives and livelihoods are most vulnerable to the effects of climate change including women and girls, indigenous peoples and local communities, and climate migrants. Special emphasis must be placed on providing young people with platforms and support and ensuring that youth- and child-inclusive approaches are at the heart of climate action.
2.	To invest in people- centered laws and institutions to promote transformative climate action	Effective, inclusive and transparent institutions, particularly in the justice sector, are essential for climate resilient development and the implementation of climate commitments including Nationally Determined Contributions and National Adaptation Plans. People centered justice systems can foster an investment environment attractive to climate finance mechanisms through reduced corruption, effective contract enforcement and dispute resolution, while allowing those most affected by climate change to seek redress and claim their rights.
3.	To champion feminist climate action and integrate gender-transformative approaches	States must work to better understand and address the different and disproportionate impact of climate change on women and girls, combat barriers and discrimination, empower women to claim their rights, and integrate women's active engagement and leadership in climate decision-making at all levels. Dedicated support should be provided for women-led movements and civil society organizations to contribute to global climate and biodiversity negotiations.
4.	To strengthen prospects for sustaining peace and stability by preventing and resolving climaterelated disputes	Climate change has emerged as a significant driver of conflict in fragile contexts. Strengthening frameworks for governance of land and natural resources, and equitable access to both formal and customary and informal justice mechanisms, can help reduce conflict risks related to contests over natural resources by preventing disputes and resolving them peacefully, while promoting climate-resilient development.
5.	To engage with customary, informal and indigenous justice systems to protect biodiversity and promote sustainable use of natural resources	Customary, informal and indigenous actors govern access to land and natural resources for many of the most climate vulnerable people but are often excluded from decision-making and their rights over natural resources disregarded. Indigenous systems should be supported to enable inclusive, equitable and effective climate action, uphold indigenous rights, and facilitate the participation and leadership of indigenous peoples and local communities in climate action policymaking at local, national and international levels.
6.	Harness the transformative potential of the rule of law to address the intersecting	Climate change has wide-ranging effects on nutrition, health, gender equality, poverty and inequality. The 2030 Agenda provides for the gender transformative framework to advance the integrated and indivisible dimensions of sustainable development. Integrated policy solutions are needed to deliver coherent and coordinated responses to climate change.

effects of climate change	The rule of law, as articulated in SDG 16, can serve as a powerful enabler for the institutional and policy transformations needed to address the complex transversal effects of climate change, in areas including food and nutrition (SDG 2), health (SDG 3), gender equality (SDG 5) and climate action (SDG 13).
7. To mobilize Namati, together with the Grassroots Justice Network – to accelerate climate action	Scaling up climate action will require forging new partnerships between States as well as actors from civil society, the private sector, academia, youth and citizens' groups. These alliances can help ensure strong links between national and global action and generate the political will, governance mechanisms and resources needed for faster and more ambitious climate action. Also, multilateral frameworks can facilitate international cooperation and foster solidarity and coordinated and inter-sectoral actions on climate change as well as related global challenges such as conflict and migration, grounded in the rule of law and human rights

3. Key deliverables and success indicators

Deliverables list	Deadlines
Deliverable 1: Generate evidence on the intersection of gender and other axes	
of inequality in delivery and access to empowerment and protection	
approaches	
Milestone 1.1. Develop intersectional approach and data collection tools	
Milestone 1.2. Collect data	
Milestone 1.3. Analyze and interpret the collected data	
Milestone 1.4. Prepare research report	
Milestone 1.5. Submit the first draft research report to NAMATI	
Milestone 1.6. Incorporate the feedback of NAMATI and submit the final	
research report to NAMATI	
Success indicator 1: Robust evidence and/or reasearch report	
generated/produced on the intersection of gender inequality in the delivery	
and access to empowerment and protection approaches	
Deliverable 2: Publish the research in the reputable journal	
Milestone 2.1. Prepare the manuscript of the research to publish in the	
reputable journal	
Milestone 2.2. Submit the manuscript to the international journal	
Milestone 2.3. Incorporate the feedback of the journal editors and resubmit	
the manuscript to get published	
Success indicator 2: The generated evidence get published in the reputable	
journal	
Deliverable 3: Conduct policy dialogue/briefs based on the generated evidence	
of the intersection of gender and other axes of inequality in delivery and access	
to empowerment and protection approaches	
Milestone 3.1. Hold two policy dialogues (one in Sierra Leone and one in	
Kenya) with policy makers, higher officials, government bodies, civic societies	
and NGOs on the generated evidence	
Milestone 3.2. Consolidate the evidence by incorporating the	
recommendation and insights of the policy dialogue participants	
Success indicator 3: Two advocacy workshops held for policy	
development/reform	

4. Design and methods

Study design and approach

This research will employ qualitative and intersectional approach with case study to explore the challenges encountered and best practices for Gender transformative legal empowerment in pursuit of climate, land, and environmental justice work in low-and middle-income countries. The team will clearly recognize different identities that do not necessarily fit into binary sex categories and want to investigate deeper inequalities rooted in socially and culturally assigned roles, norms and other gender intersecting factors that shape inequalities, including age, ethnicity, class, income level, geography, disability and sexual orientation.

Description of the study areas

The research will be conducted in six countries and the Grassroots Justice Network membership.

Sampling techniques and sample size

The team will use both purposive and snow ball sampling techniques to select the study areas and participants. The team will consider ethnic groups and places including urban and rural areas in each country purposively to study the research. For participant selection, the research team will employ both purposive and snow ball sampling to find the hidden and marginalized people in the six countries. Though it is very difficult to determine the sample sizes of qualitative studies, a minimum of 24 focus group discussions (4 FGD in each country), 60 in-depth interviews (10 in each country) and 36 (6 in each country) key informative interview in the six countries will be conducted. However, we will go beyond this number of samples until the data reaches at saturation point.

Data source, tools and collection techniques

The data will be collected from primary and secondary sources. The team will develop qualitative data collection tools; in-depth interview and FGD guides. First the interview and FGDs guides will be prepared in English and then translated in the local languages in each country. In-depth interviews will be used to explore in depth the respondent's point of view, experiences, feelings, and perspectives. Key informant interview will be held.

A **focus group discussion** will be used to explore the views of different ethnic and marginalized groups. In this study, we will involve and gather different people from ethnic groups, classes, geography (urban and rural), and income level to discuss on integrated gender transformative grassroots land and environmental justice work.

Research and document review: The team will critically review different research articles, grey literatures and document the experiences and good practices that members share at the learning exchange and develop a toolkit – an easy to use resource for those applying gender transformative approaches to grassroots land and environmental justice. To ensure the greatest continuity of learning, the team will participate in co-creating the spaces for virtual and in-person exchange between Grassroots Justice Network members and Namati staffs. During these learning events, the team will focus on identifying key lessons and capturing specific examples that will be useful to gender, land, and environmental justice practitioners. After the in person event, the team will consolidate the lessons from the exchange into a compelling, engaging, and develop toolkit as a resource for legal empowerment organizations working to advance gender transformative land and environmental justice. The team will then make follow-ups with participants to ensure that their experiences are accurately and fully represented. Thus, this evidence will also help to triangulate the data generated from primary sources.

In-Depth Interviews: will be conducted with different stakeholders, in six countries and the Grassroots Justice Network membership.

5. Data management and statistical analysis

For analyzing data, thematic qualitative data analysis technique will be employed. In this thematic data analysis technique, the analysis and interpretation of the raw data involves four stages. First, the raw qualitative data gained form interview and focus group discussion will be transcribed from audio version into text form. Next to this, the transcribed data will be translated from local languages into English. The translated raw data will be then coded and organized based on its dimensions and it will be analyzed and interpreted qualitatively. This data will be analyzed by using qualitative analysis software, Nvivo version14. Themes and subthemes will be organized under the major categories of study variables. Diagrams will be used to draw conceptual maps and to show connections between categories and subcategories. Moreover, content analysis method will be used to analyze the reviewed documents. In the end, the results gained from the documents, interviews and focus group discussions will be analyzed through triangulation techniques.

6. Quality assurance

Data collection tools will be translated into local languages of research participants in each country. Experienced data collectors and supervisors on gender and health care deliveries will be recruited and selected. Three days comprehensive training on the tools and interviewing techniques including how to approach study participants will be given for 12 data collectors and supervisors. Pre-test of the tools will be done and necessary modifications will be made accordingly. Spot discussion with data collectors and supervisors will be carried out every day with the research teams to take lessons for the upcoming interviews/discussion. Revisiting of some study participants will be done to ensure the validity and credibility of the data.

7. Results uptake and use; sustainability

The results will be used for developing the toolkit and/or reforming policies on the intersection of gender and other axes of inequalities in the delivery and access to gender transformative approaches in low-and middle-income countries. To ensure acceptability and use of findings, communities, government and non-governmental organizations, and gender machineries will be involved from planning to implementing of the project which in turn helps to sustain the results of the project.

8. Dissemination of results and publication

The findings will be published in the reputable open access journal and will be available for policy makers, researchers and international societies. The result of the research will also be communicated for target audience and police makers through policy dialogues/briefs. The team will also provide summary of the result for Ministry of Justice. In addition, the results will be disseminated for non-governmental organizations and civic societies working on Gender Equality and Justice.

9. Ethical and environmental considerations

Participants will be informed about their right not to respond to the questions if they don't want and can terminate the interview at any time. And all participants will sign informed consent prior to data collection. Any suspected cases of COVID-19 virus that are identified during the study will be referred to the nearby health centre for appropriate diagnosis and treatment. In addition, the corona virus health status of the data collectors will be checked before they go to fieldwork. This research doesn't have any potential impact on the environment as it is not an experimental research.

10. Risk management.

Potenti	ial risks identified	Proposed measures to mitigate risks
1.	COVID-19 pandemic may continue and lead travel restrictions across countries	The team comprises expertise from the two countries so that they can collect data and hold policy dialogues in their respective countries
2.	Suspected transmission of COVID-19 during data collection processes	Telephone interview will be made with interviewees and zoom meeting will be held with focus group discussants. However, face to face interview and open field FGD could be also conducted by taking all protection measures in the areas where these technologies are not accessible.
3.	Difficulties to find vulnerable women and girls for primary data collection	The team will use snow ball data collection method so that a friend of one will inform the other.
4.	Political instability in the six countries	The team will employ interview through phone to collect primary data in the two countries

11. Project team (Interim).

First, middle and last name	Gender identity (W / M/ NB/ O)	Institution name	Expertise	Role in the project	% of FTE
Tizta Tilahun Digafie	F	Bahir Dar University	Public Health Researcher	Principal investigator	7.5
Muluken Azage Yenesew	M	Bahir Dar University	Public Health Researcher	Investigator	6.25
Yohanes Mersha Belete	M	Bahir Dar University	Associate Professor, Gender Researcher	Investigator	6.25
Netsanett Fantahun	M	Bahir Dar University	Public Health Researcher	Investigator	6.25
Desalew Alehegn Aboye	M	UN Women	Programme Officer, Gender Specialist	Investigator	6.25
Allen Mwangonde	M	Malawi University	Human Rights Activist	Investigator	6.25

PART III - PARTNERSHIPS

Collaboration.

Namati, together with the Grassroots Justice Network – a global community of over 12,000+ members from 175 countries - agreed to work in partnership for the implementation of this project. The two institutions will create a global movement of frontline advocates learning from each other and combining their power to make system-wide change. They will also hold two high level policy dialogues on the generated evidence of the research in the member countries to advocate policy reforms on gender equality in the delivery and access to prevention and control approaches and products to prevent and control land rights.

PART IV – BUDGET (INTERIM)

1. Project budget by type of expenditure item

Budget items		Pro	posed bud	get (US\$)
		Phase 1	Phase 2	Total
Personnel name (if known) and role in project	% of time			
1. Dr Tizita Tilahun	7.50%	3,240	1,620	4,860
2. Dr Muluken Azage	6.25%	2,700	1,350	4,050
3. Dr Netsanet Fentahun	6.25%	2,700	1,350	4,050
4. Desalew Alehegn	6.25%	2,700	1,350	4,050
5. Yohanes Mersha	6.25%	2,700	1,350	4,050
6. Wingsten Ngambi	6.25%	2,700	1,350	4,050
7. 9 Data collectors and 3 supervisors	100%	17,748		17,748
Subtota	al personnel	34,488	8,370	42,858
Supplies		100	50	150
Local travel / fieldwork (travel, hotel, per diem)		1,500	500	2,000
International travel for research staff		0	1,800	1,800
Training (tuition, stipend)		3,132	0	3,132
Communication		100	50	150
Overheads		8,889	4,444	13,333
Other expenditures				
Publication cost		0	1,300	1,300
2. Policy dialogue			1,940	1,940
Subtotal other ex	xpenditures	0	3,240	3,240
GRAND TO	TAL (US\$)	48,209	18,454	66,663
Executive Director of the Institution (Type Name Stalin Mwandila). Mr	Principal Inves Mr. Allen Mwa	stigator (Type I ngonde	Name).
Signature Date : September	30, 2023	Signature	Date: S	eptember 30,2023

2. Project budget by deliverable

Deliverable #	Phase 1 (US\$)	Phase 2 (US\$)	TOTAL (US\$)
Deliverable 1. Research report	48,209	15,214	63,423
Deliverable 2. ToolKit		1,300	1,300
Deliverable 3. Policy dialogue/brief		1,940	1,940

PART V - BIBLIOGRAPHIC REFERENCES

- Anderson, S., & Ray, D. (2010). Missing women: age and disease. *The Review of Economic Studies*, 77(4), 1262-1300.
- Brabete, A. C., Greaves, L., Hemsing, N., & Stinson, J. (2020). Sex- and Gender-Based Analysis in Cannabis Treatment Outcomes: A Systematic Review. *Int J Environ Res Public Health*, 17(3). doi: 10.3390/ijerph17030872
- Brinda, E. M., Rajkumar, A. P., & Enemark, U. (2015). Association between gender inequality index and child mortality rates: a cross-national study of 138 countries. *BMC Public Health*, *15*, 97. doi: 10.1186/s12889-015-1449-3
- Health Canada. (2000). Health Canada's gender-based analysis policy; Ottawa, Canada.
- Karp, N. A., & Reavey, N. (2019). Sex bias in preclinical research and an exploration of how to change the status quo. *Br J Pharmacol*, 176(21), 4107-4118. doi: 10.1111/bph.14539
- Klugman, J., Li, L., Barker, K. M., Parsons, J., & Dale, K. (2019). How are the domains of women's inclusion, justice, and security associated with maternal and infant mortality across countries? Insights from the Women, Peace, and Security Index. *SSM Popul Health, 9*, 100486. doi: 10.1016/j.ssmph.2019.100486
- Magnus, J. H., Greene, M. E., & Kishor, S. (2004). Infectious Disease and Gender. *Emerging Infectious Diseases*, 10(11), e5-e5. doi: 10.3201/eid1011.040622_05
- Mamlouk, G. M., Dorris, D. M., Barrett, L. R., & Meitzen, J. (2020). Sex bias and omission in neuroscience research is influenced by research model and journal, but not reported NIH funding. *Front Neuroendocrinol*, *57*, 100835. doi: 10.1016/j.yfrne.2020.100835
- Sen, G., Ostlin, P., & George, A. (2007). Unequal, Unfair, Ineffective and Inefficient. Gender inequity in health: why it exists and how we can change it—Final report of the Women and Gender Equity Knowledge Network (WGEKN). World Health Organization: Geneva.
- Tannenbaum, C., Greaves, L., & Graham, I. D. (2016). Why sex and gender matter in implementation research. *BMC Medical Research Methodology*, 16(1), 145. doi: 10.1186/s12874-016-0247-7
- Triana, M. d. C., Jayasinghe, M., Pieper, J. R., Delgado, D. M., & Li, M. (2019). Perceived workplace gender discrimination and employee consequences: a meta-analysis and complementary studies considering country context. *Journal of management*, 45(6), 2419-2447.
- Wong, Y. J., Ho, M. R., Wang, S. Y., & Miller, I. S. (2017). Meta-analyses of the relationship between conformity to masculine norms and me

Appendix 1. CV of research teams

1. Tizita Tilahun (PhD)

		2 (PLD)			
1. Name	Tizta Tilahun I	Degfie (PhD) nail.com or memoryae	dd2@gmail.com		
2. Current Position	Senior Scientif	*			
		ol of Public Health			
3. Employer	25 November		NI-tilit I	741.1	
4. Date of Birth			Nationality: I	etniopian	
5. Education	PhD	Social-Health Sci		TT 11 /	
Qualifications	MSc	Population Studie	es/ Reproductive	Health/	
	BED	Geography			
6. Membership in Professional	- Population	Association of Am	erica (PAA)		
Associations	- Ethiopian	Public Health Assoc	ciation (EPHA)		
Associations	- Organizatio (OSSREA)		ence Research i	in Eastern	and South Africa
	` ′	al Union for the Sci	ientific Study of I	Population (TUSSP)
		den of Disease colla	•	op (()
			aborator (GDD)		
		ca Platform (GAP)	1 0. 11 /	7.4.D(C)	
	-	Association for Pop	,	•	
				, served in the	he board as secretary
	,	ırs, Jimma Branch, J			
		ember 2007- July 2 n member, Jimma U			-Gibe field research
	- From Dec	ember 2007- July	2015 as a mer	nber of H	IV/AIDS Mortality
		e project in collabo	orated with Jimm	a Universit	y, EPHA and CDC
	Ethiopia				
					coordination team in
		ersity Cooperation v	, ,		niversity
		-Environment Rese	arch Network (P	ERN)	
7. Other Relevant Training	Certificate	Postdoc			
	Certificate	Policy brief writing	~		
	Certificate	Gender mainstrea	0		
	Certificate	Health monitorin	•		
	Certificate	Reproductive hea			
	Certificate	Longitudinal data	0	d analysis	
	Certificate	Scientific paper w			
	Certificate	Geographic Info	, ,		
	Others	Stata, SPSS, Exce	* *	О	
8. Countries of Work Experience	Ethiopia, Keny	va, Belgium, and US			
9. Languages	Languages	Speaking		Reading	Writing
	Amharic	Yes		Yes	Yes
	English	Yes		Yes	Yes
10. Employment Record	•	•			•
From:	May 2020 to D	ate			
Employer:	<u> </u>	ol of Public Health			
Positions Held	Senior Scient				
- 55145115 11614	Jenes Bereit				
From:	September 201	8 to April 2020			
	-	ol of Public Health			
Employer:					
Positions Held	Health System	us scientist			
P	NT 1 2	0			
From:	November 201				
Employer:	Bahir Dar Uni				
Positions Held	Assistant Pro	fessor			
From:	September 201	6 to August 2018			

Africa Population and Health Research Center Postdoctoral Scientist July 2015 to August 2016 Addis Ababa University/ IDPR Assistant Professor/Researcher November 2012 to July 2015 Jimma University Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned Fenot – Achieving Excellence in Primary Healthcare
July 2015 to August 2016 Addis Ababa University/ IDPR Assistant Professor/Researcher November 2012 to July 2015 Jimma University Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Assistant Professor/Researcher November 2012 to July 2015 Jimma University Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Assistant Professor/Researcher November 2012 to July 2015 Jimma University Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
November 2012 to July 2015 Jimma University Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
November 2012 to July 2015 Jimma University Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Jimma University Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Jimma University Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Assistant Professor June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
June to July 2015 Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Watson Institute/ Brown University/ Visiting Scholar Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Visiting November 2006 to April 2012 Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Jimma University Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
Lecturer 12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
12. Work Undertaken That Best Illustrates Capability to Handle the Tasks Assigned
<u> </u>
Fonot Achieving Excellence in Primary Healthcare
renot – Activiting Excenence in Filmary Fleathicare
May 2020 to Date
Ethiopia
Ministry of Health
Provide technical support to Scientific Advisory Panels (SAP) in improving the use of evidence to policymaking and program decision. Engage with technical working groups of regional health bureaus to identify priority research agendas, mobilize resources, conduct operational researches, synthesize local evidence and identify best ways to translate local evidence.
Senior Scientific Advisor
 Provide technical support to Scientific Advisory Panels (SAP) in improving the use of evidence to policymaking and program decision; Design methodologies to identify priority questions, answer priority questions, analyze data and produce scientific communication materials by sub-teams of the SAP; Support data analysis and analytic work of the SAP sub-teams, conduct follow up
 and provide feedback and create learning opportunities for members of the SAP; Engage with technical working groups of regional health bureaus to identify priority research agendas, mobilize resources, conduct operational researches, synthesize local evidence and identify best ways to translate local evidence; and Involve in academic activities of affiliated institutes including teaching, advising and/ or supervising students, training and mentoring.
Fenot – Achieving Excellence in Primary Healthcare
September 2018 to April 2020
Ethiopia
Ministry of Health
Creating and using evidence for decision-making and policy and program analysis and improvement and strengthening health financing and effective use of public funds.
Health Systems Analyst
 Provide technical and analytic support to the Evidence to Performance Improvement Collaborative (EPIC) team to conduct data analyses on priority efficiency equity and quality and health financing topics. Collaborate with regional MCH, Quality & Equity, FRM, and Planning, Monitoring and Evaluation processes on EPIC activities.

	 Support the EPIC team in writing of technical and policy briefs and manuscripts Contribute to the development of teaching materials on health care quality, efficiency, equity, health financing, and use of evidence in RHB. 		
	- Collaborate with regional health bureau case teams to develop EEQ and health financing improvement strategies and monitor their implementation and impact		
Project Name:	Ethiopia Response Evaluation: OSF's multifaceted support to the Ethiopian government and civil society		
Year:	December 2019 to Date		
Location:	Ethiopia		
Client:	Open Society Foundation		
Position Held:	Monitoring and Evaluation specialist		
Activities Performed	 Conducting desk research on relevant policies, programs and strategies, data compilation in response to identified indicators, and report Lead the tools development, qualitative data collection and analysis, Ethiopian policy and context analysis, and the learning events for each evaluation stage. 		
Project Name:	Conduct a multicounty analysis of secondary data on intimate partner violence (IPV) in urban women in sub-Saharan Africa		
Year:	February - March 2020		
Location:	Sub-Saharan Africa		
Client:	International Center for Research on Women		
Project description	To complement IDRC-funded research on positive masculinity for violence prevention in poor urban settlements in sub-Saharan Africa (SSA)		
Position Held:	Researcher		
Activities Performed:	Conduct desk review of relevant activity and regional documents;Undertaking secondary data analysis of existing data using software		
Project Name:	Review of Ford Foundations Youth Sexual and Reproductive Health and Rights in 2000-2016.		
Year:	2018		
Location:	Kenya		
Client:	Ford Foundation		
Project Description	Review of Youth Sexual and Reproductive Health and Rights in 2000-2016 in west African countries		
Position Held:	Researcher		
Activities Performed	- Support in reviewing, data extraction from existing sources, data analysis and report writing		
Project Name:	External Evaluation of the In Their Hands Programme – Kenya		
Year:	2018		
Location:	Kenya		
Client:	Marie Stopes Kenya, Well Told Story and Triggerise		
Project Description	The evaluation aims to generate evidence on how the ITH partnership model is working to meet the intended goals of the project and the needs of adolescent service user's experience and how the program has influenced adolescent voice, decision making autonomy, power dynamics and provider accountability.		
Position Held:	M&E expert		
Activities Performed			

Documents authored:

Published articles: More than 25 internationally peer reviewed journals

List of research publications and contributions (five most related to this call)

- 1.- Tizta Tilahun Degfie, Amare Deribew, Samath D Dharmaratne, Balem Demtsu Dimts, Kerrie E Doyle, Aman Yesuf Endries, Sergey Petrovich Ermakov, Kara Estep,Smoking prevalence and attributable disease burden in 195 countries and territories, 1990–2015: a systematic analysis from the Global Burden of Disease Study 2015. Lancet. 2017;389: 1885–906
-- Tizta Tilahun Degfie, Peter Njenga Keiyoro, Daniel N Kiirithio, Yohannes Kinfu, Damaris K Kinyoki, James M Kisia, Varsha Sarah Krish, ... Christopher J L Murray, Mohsen Naghavi. Health disparities across the counties of Kenya and implications for policy makers, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Glob Health, October 25, 2018
- 3.- Tizta Tilahun Degfie, Selina Deiparine, Robert P Dellavalle, Gebre Teklemariam Demoz,..... Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. Global Health Metrics. 392(10159): 2091-2138, November 2018
- ... Tizta Tilahun Degfie, Selina Deiparine, Gebre Teklemariam Demoz, Balem Demtsu, Edgar Denova-Gutiérrez, Kebede Deribe, Nikolaos Dervenis, Don C Des Jarlais Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet 2018; 392: 1995–2051
- Leul Deribe, Tizta Tilahun, Bitiya Admassu. Intimate Partner Violence among HIV Positive Women Attending ART Clinic in Fitche Hospital, Ethiopia: implication for HIV counseling services. Journal of Pharmacy and Alternative Medicine. 2016; 13:18-26

2. Muluken Azage

Bahir Dar University, Bahir Dar, Ethiopia | Telephone (mobile): +251911-364097 | Email:

mulukenag@yahoo.com

Profile Summary

More than 13 years of demonstrated experiences in teaching, research, community service and consultancy services in public health issues, particularly in environmental Health activities. Advising PhD public health and master of public health students with different programs at School of Public Health. Strong experiences in research methodology training, effective presentations, team working and partnership development

Key Skills and Competencies:

- Extensive experience in research, capacity building, and community services;
- Demonstrated research methodology and analytical skills; and data analysis skills;
- Experience in data analysis packages (SPSS, STATA, Epi-Info, R, ARG GIS and open code software) and writing of high-quality manuscripts and reports.
- Excellent skills in communication, team working, leadership, facilitation and presentation.

Education

- PhD degree in Water and Public Health, Addis Ababa University, Ethiopia, 2017
- Master of Public Health, Addis Ababa University, Ethiopia, 2007.
- BSc degree in Environmental Health, Jimma University, Ethiopia, 2005.

Other on job trainings

- Qualitative research methods and Data Analysis using NVIVO and open code software, Bahir Dar University, 2013.
- Systematic Literature Review and Meta-Analysis Training, Bahir Dar University, 2018
- Informed Consent certificate, February 2019
- Health Research Methods and Ethics Training, Bahir Dar, Ethiopia, 13-22 May 2013
- Introduction to Research Ethics, February 2019
- Research Ethics Evaluation, February 2019

Research and Assessments Works

- Alemu, L., Ambelie, Y.A. & Azage, M. Contraceptive use and associated factors among women seeking induced abortion in Debre Marko's town, Northwest Ethiopia: a cross-sectional study. Reprod Health 17, 97 (2020). https://doi.org/10.1186/s12978-020-00945-4
- Azage M, Motbainor A, Nigatu D. Exploring geographical variations and inequalities in access to improved water and sanitation in Ethiopia: mapping and spatial analysis. *Heliyon*. 2020;6(4):e03828. Published 2020 Apr 30. doi:10.1016/j.heliyon.2020.e03828
- Getahun Z, **Azage M**, Abuhay T, Abebe F. Comorbidity of HIV, hypertension, and diabetes and associated factors among people receiving antiretroviral therapy in Bahir Dar city, Ethiopia. *J Comorb.* 2020;10:2235042 X19899319. Published 2020 Mar 15. doi:10.1177/2235042X19899319
- Other publications: https://www.researchgate.net/profile/Muluken Azage2/publications

Professional Experiences

- Instructor and researcher at Bahir Dar University: Bahir Dar Ethiopia, since June 2011 to date
- Instructor and researcher at University of Gondar from 2009 to May 2011: Gondar, Ethiopia
- Instructor and researcher at Mada Walabu University from 2007 to May 2011: Gondar, Ethiopia

References

- Dr Melese Gebeyehu, Chief Academic and Research Director of College of Medicine and Health Sciences, Bahir Dar University. gbmelesse@gmail.com. Mobile Phone: +251 953599231
- Dr Abera Kumie, School of Public Health, Adddis Ababa University: Email: aberakumie2@yahoo.com. Mobile Phone: +251 911-882912.
- Professor Alemayehu Work, School of Public Health, Adddis Ababa University: Email: alemayehuwy@yahoo.com. Office phone number: +251-116390024

3. Desalew Alehegn

Bahir Dar, Ethiopia | Telephone (mobile): +251918-719646 | Email: desalew2012@gmail.com

Profile Summary

More than 13 years of demonstrated experiences in gender, capacity building, research, monitoring and evaluation, women & community empowerment and social mobilization as well as strong experiences in advocacy and partnership development.

Key Skills and Competencies:

- Experience in data analysis packages (SPSS, STATA, Epi-Info, Limdep Nlogit, QDA miner and open code software) and writing of high-quality reports.
- Extensive experience in capacity building, project planning, implementation, M&E and researches;
- Proficient in computer MS office applications (Word, Excel, power point, Outlook and Access).
- Experience in capacity building on gender, WASH and community conversation

Education

- Master's degree in general public health (MPH), Bahir Dar University, Ethiopia, 2019.
- Master's degree in Economics, Indra Gandhi National Open University (IGNOU), India, 2015.
- BA degree in Economics, Jimma University, Ethiopia, 2006.

Other on job trainings

- Training on Gender and Diversity, UN Women, 2020.
- Training on Sexual and Reproductive Health and Right, UN Women, 2020.
- Training on an Introduction to Gender Equality, UN Women, 2020.
- Qualitative research methods and Data Analysis using QDA miner and open code software, BDU, 2018.
- TOT on gender, Sexual & Reproductive Health, family planning and HIV/ADIS, UK aid, 2014;
- TOT on Gender, Family Planning, Reproductive health and HIV/AIDS, UNFPA and Population Council, 2011

Research and Assessments Works

- An Investigation Study on the perception and practice of menstruation and menstrual hygiene management among rural adolescent in school girls in Bahir Dar Zuria Woreda, Amhara region.
- Economic Valuation of Ecosystem Services Provided by Liquid Waste Management in Bahir Dar, Ethiopia: Application of Choice Experiment Method.
- Macroeconomic Determinants of Private Investment in Amhara Region: An Econometric Analysis.

Professional Experiences

- 1. Program Officer, UN Women, Bahir Dar, Ethiopia, June 2019 to date
- 2. Capacity Building Specialist, Ethiopia, USAID's Feed the Future Ethiopia, Nov 2017 to May 2019.
- 3. Consultant (part time), Ethiopian Centre for Development, Ethiopia, March 2017 to Dec 2019.
- 4. Social Development Manager, DFID's End Child Marriage Programme, Ethiopia, April 2012 to February 2017.
- 5. Program Coordinator, UNFPA's Adolescent Girls' Support Program, Ethiopia, Nov 2007 to March 2012
- 6. Plan and Program Expert -West Gojam Zone, Amhara, Ethiopia, January 2007 to October 2007

References

Haregewoin Ashenafi

Executive Director | Ethiopian Center for Development | Addis Ababa, Ethiopia | Email: haregashenafi2007@gmail.com | Telephone: +251 (0)116-63:9517 (mobile) +251 (0)911-219892

Yordanos Zelalem

Deputy Manager | USAID's Feed The Future Ethiopia Value Chain Program; AGP II : Agricultural Marketing and Value Chain Activities) | Bahir Dar, Ethiopia | E-mail: yordanosawe@yahoo.com | (mobile): +251 (0)918-766561

Mr.Sigurd Hanson

General Manager and Country Representative | Maxwell Stamp) | Addis Ababa, Ethiopia | E-mail: sigurd c hanson@yahoo.com | Telephone: +251 (0)582-265463 (mobile): +251 (0)911-241905

4. Netsanet Fentahun (MPH, Double PhD)

Associate Professor of Public Health Nutrition and Social and Behavior Change Communication Bahirdar University, College of Medicine and Health Sciences

Email: netsanetfentahun01@gmail.com or netsanet fentahun@vahoo.com

Phone: +251913516677; PO. Box: 79

Education

- Jimma University, Ethiopia: PhD in Public Health Nutrition, 2017
- Ghent University, Belgium: PhD in Applied Biological Sciences: Food and Nutrition,2017
- Jimma University, Ethiopia: Master of Public Health: Health Promotion and Education, 2011
- Jimma University, Ethiopia: BSc degree in Health Promotion and Education, 2007/08

Most recent project experiences

- 1. **Consultant** for COVID-19 prevention practices at major towns in Amhara regional state: behavioral survey
- 2. Project Development, **Qualitative Data Analysis, and Report Writing Consultant for the** Ethiopia Data Use Partnership, John Snow Research and Training Institute, Inc. (JSI)
- 3. Consultant for center of excellence in RMNCH care operation research: qualitative data analysis funded by JSI-L10K
- 4. Consultant for Primary Health Care Unit linkage operation research qualitative data analysis and training to staff of Amhara Public Health Institute funded by JSI-L10K
- 5. Consultant for HIV/ADIS regional survey Projects conducted by Amhara Public Health Institute
- 6. Enhancing interventions and removing barriers of implementation to End TB in Amhara Region
- 7. Momentum for nutrition and resolving challenges to end childhood stunting in Amhara region
- 8. Nutritional status and existing responses for old age people in Bahir dar City administration
- 9. Effectiveness of Behavioral Change Communication for improving maternal and child nutrition in Maji District, A Cluster Randomized Control Trials
- 10. Pregnancy complications, pregnancy outcomes, quality of maternal and neonatal health services, and their determinants in Amhara Region, Ethiopia: A longitudinal study
- 11. Integrated **home gardening and wash intervention** to improve nutrition and health of vulnerable groups in rural communities: A cluster randomized trail
- 12. Challenges to meet household food insecurity and preserve ecosystem of Lake Tana, and their effects on public health around Lake Tana communities: Mixed methods

Publications

• More than 40 publications in highly reputable national and international journals

References

1. Dr. Tizta Tilahun (PHD, Post-doctoral)

School of Public Health, Bahir Dar University, Bahir Dar, Ethiopia

Fenot-Harvard Project, Addis Ababa

Email: memoryadd2@gmail.com

2. Dr. Eshetu Girma (MPH, PhD, Post-doctoral Fellow)

School of Public Health, Addis Ababa University

Email: <u>vaneteshetu@gmail.com</u>

3. Professor Carl Lachat (PhD)

Department of Food Safety and Food Quality, Faculty of Bioscience Engineering,

Ghent University, Belgium Email: <u>Carl.Lachat@Ugent.be</u>

5. Yohannes Mersha Belete

CURRICULUM VITAE					
NAME: Yohannes Mersha Belete	POSITION TITLE: Associate Professor MAIN JOB: Teaching, Research and Training Department: Gender and Development Studies Sex: Male				
Date of Birth: January 28 1985					
EDUCATION/TRAINING					
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY		
 University of South Africa in Collaboration with SANTRUST Addis Ababa University 	Certificate Masters Degree	November/2011 August/2008	Pre doctoral research proposal development Gender studies		
3. Addis Ababa University	Bachelors Degree	June/2006	History		
4. Entrepreneurship Development International Institute (EDII), Ahmadabad, India	Certificate Certificate	September/2017 2018	Women Empowerment and Entrepreneurship		
5. Africa Center for Transformational Leadership (ACTIL)	Certificate	2016	Transformational Leadership		
6. Bahir Dar University7. Bahir Dar University	Certificate Certificate	2016 2016	GIS		
8. Bahir Dar University		2020	NVIVO Gender, Environment and		
9. UN Women	To be completed soon		Mainstreaming TOT on TLGE and Training		

PERSONAL STATEMENT

I have MA degree in Gender Studies from the Institute Gender Studies, Addis Ababa University in 2008 GC and BA degree in History from Addis Ababa University in 2006. I have also accomplished a one-year PhD Proposal Development Program that was given by University of South Africa in collaboration with SANTRUST in 2011. I promoted to the rank of an assistant professor in 2014 and Associate Professor in 2020. I have profoundly participated in various research works and shown an excellent teaching ability. In addition, I have delivered several trainings for various organizations.

6. Allen Mwangonde

Mr. Mwangonde has a Master of Social Science from the University of Western Cape as well as a Bachelor of Law from the University of Malawi. Mr. Mwangonde has been part of the grant writing and implementation since 2011 and he has been key to monitoring, evaluation and learning activities in these grants. The grants implemented focused on child care and protection, women empowerment, tuberculosis care and support, whole-system-all-disease-model for Malawi, and COVID-19 screening uptake and data analysis. These grants were executed by the International Training and Education Center for Health (I-TECH Malawi) and Health-for-All (Thanzi la Onse) Project by Shine on Malawi. Besides, Mr. Mwangonde has carried out situational analyses, baselines, mid-term and end of project evaluations for several organisations since 2012.

Mr. Mwangonde is a Lecturer in Security Studies and Data Science at the Mzuzu University, University of Malawi. Mr. Mwangonde is also a Research Fellow and Disease Modeler for the Thanzi la Onse project (www.thanzi.org). Mr. Mwangonde has 17 publications in peer review journals for the infectious diseases especially TB, HIV as well as health seeking behaviour. Mr. Mwangonde has vast experience in analysing survey data using standard approach to survey analysis. He has been analysing routine health data: the Malawi Demographic and Health Survey, Malawi Service Provision Assessment Survey, Integrated Household Survey, National HIV programme data for Malawi, National Tuberculosis Programme Data for Malawi, Malawi Malaria Survey Data, Malawi Schistosomiasis Data, etc. as part of calculating the parameters to include in the mathematical model being developed jointly by the University of Malawi, University of York, University College London and Imperial College London as well as Makerere University and the ECSA Health Community.