

Maryam Amour
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Medical Doctor | Internal Medicine | Public Health

PROFESSIONAL SUMMARY

I am a physician and public health specialist with 10 years’ of progressively responsible experience in public health, infectious diseases, TB, HIV, clinical trials, vaccinology, adolescent health, gender issues, reproductive health, and health system strengthening. I specialized in internal medicine with a focus on infectious disease dissertation, providing me with knowledge, skills and competencies of a range of health issues that affect the human body. I am experienced in grant proposal development, study design, conduct, and analysis of public health research, and clinical trials. Adept in public health program management, strategy development, leadership, advocacy, monitoring and evaluation, public speaking, strategic partnership, fundraising and capacity building. Proven experience working in a multicultural work place, and engaging with various stakeholders including governments, development partners, and international non-governmental and civil society organizations.

HIGHLIGHTED SKILLS

Clinical medicine	Epidemiology	Advanced analytical skills
Clinical trials	Biostatistics	Grant management
TB vaccine trials	Infectious Diseases	Financial analysis
TB diagnostics	Global Public Health	Systematic Reviews
Quantitative research	Public speaking	Leadership
Project management	Networking	
Monitoring and evaluation	Strategic planning	
Meta analysis	Operational research	

EDUCATION

INSTITUTION AND LOCATION	DEGREE	FIELD	END DATE
Harvard School of Public Health, Boston, MA, USA	Postdoc	Public Health	
MUHAS, Dar-es-Salaam, Tanzania	MMED	Internal Medicine	Aug 2020
Harvard Medical School, Boston, MA, USA	NIH fellowship	Clinical Trials	Jul 2017
Dartmouth Institute for Health Policy and Clinical Practice, Hanover, NH, USA	MPH	Public Health	Jun 2015
MUHAS, Dar-es-Salaam, Tanzania	MD	Medicine	Jul 2011

PROFESSIONAL EXPERIENCE

Current position

INSTITUTION	ROLE	DATES
MUHAS, Department of Community Health	Lecturer	July 2021-Present
MUHAS	Internal Medicine Specialist	Aug 2020-Present
MUHAS, Department of Community Health	Assistant Lecturer	Nov 2015-Jul 2021
MUHAS, Department of Hematology and Blood transfusion	Tutorial Assistant	Jul-Oct 2015
Muhimbili National Hospital, Department of Hematology	Medical Officer	Jan – Jul 2014

and Blood transfusion
Muhimbili National Hospital

Medical Internship

Sep 2011-Apr 2013

OTHER RELEVANT TRAININGS

INSTITUTION AND LOCATION	FIELD	DATES
National Institute of Health (Virtual)	Ethical and regulatory aspects of clinical research	Sept 2021-
Journal of International AIDS Society editorial office, Online	Publish or Perish: How to write and publish a scientific manuscript	June 2021 to date
Journal of International AIDS Society editorial office, Online	Scientific Writing and Publishing	May 2021 to date
McGill Summer Institute in Infectious Diseases and Global Health “Virtual”	Advanced TB Diagnostics	June 2021
McGill Summer Institute in Infectious Diseases and Global Health “Virtual”	Quality of TB Care	June 2021
Vaccine for Africa Initiative, University of Capetown, South Africa “Virtual”	16 th Annual African Vaccinology Course	Nov-Dec 2020
Vanderbilt Institute for Global Health, USA	Grant writing and ethics course	Sept –Oct 2019
Boston University & Dartmouth Medical School at MUHAS Dar-es-Salaam	Monitoring and Evaluation for TB	Jul 2019
Boston University/ Dartmouth Medical School at MUHAS Dar-es-Salaam	Good Clinical Practice	Nov 2018
MUHAS	Monitoring and Evaluation	May 2017
MUHAS	Updates in HIV	Feb 2017
MUHAS/University of Pittsburg	Neuroepidemiology research training	Oct 2016
Harvard School of Public Health, USA	Systematic reviews and Biostatistics	Aug 2016
MUHAS/ Cambridge Development Initiative	Health care Entrepreneurship course	Aug 2015
African Women Leadership Initiative (AWLI), Dar-es-Salaam, Tanzania	Women in Leadership, Akina Mama wa Africa (AMWA)	May 2013
Michigan State University, USA	Strengthening Leadership Capacity and Professional Skills, A women’s Economic Empowerment Program between	Apr 2013

MUHAS ROLES

Academic and research Roles

REASEARCH TITLES	ROLE	DATES
COVID-19 Vaccines acceptability and associated factors among health care workers in Tanzania	Principal Investigator	Sept 2021-
Bone mineral density and serum bone mineral biochemical markers among patients with end stage renal disease at Muhimbili National Hospital in Dar es salaam (sida grant)	Principal Investigator	Feb 2020 -date
Invitro filtration efficiency for selected face-masks to bacteria with a size smaller than SARS-CoV-2 respiratory droplet	Principal Investigator	May 2020-date
Adherence to ART and associated factors among adolescents living with HIV attending care and treatment clinics in Tanzania	Principal Investigator	Aug 2018-date
Predictors of mortality among adolescents and young adults living with HIV on antiretroviral therapy in Dar es Salaam, Tanzania	Principal Investigator	May 2018-Aug 2020
A phase II Randomized, Placebo Controlled double blind trial of the Prevention of Infection with Mycobacterium tuberculosis Among Adolescents Who Have Previously Received BCG	Associate Study director and Co-Investigator	Sep 2015-Dec2019

TEACHING ROLES MUHAS

	ROLE	DATES
Capacity building and training on TB and HIV national programs, sexual reproductive health and rights, immunization and vaccine development, gender-based violence, HIV, TB, research proposal development and internal medicine to both undergraduate and postgraduate students	Faculty	Nov 2015-date
Supervision of medical students in quantitative and qualitative research, data analysis as well as clinical practice in their elective and field placements in rural Tanzania	Faculty	Nov 2015-date

OTHER ROLES AT MUHAS

	ROLE	DATES
Oversee COVID-19 infection prevention and control for the MUHAS 9 th Conference	Taskforce Member, COVID-19 Mitigation Committee	June-July 2021
Develop COVID-19 preventive messages as well as educate the public on preventive measures against COVID-19 to support the efforts of Ministry of health in the fight against the pandemic	Technical lead, School of Public Health	May 2021-date
Consult and treat inpatient and outpatients	Internal Medicine Specialist	Aug 2020-date
Writing and developing curriculums and training manuals	Faculty	Nov 2015-date
Facilitate and direct an e-learning short course on Hospital Management for Health Professionals with a focus on quality assurance, Health Economics, Human Resource for Health, Accounting and Controlling and ICT for health	Course Coordinator	Apr 2016-date

EXPERIENCE AND PROFESSIONAL MEMBERSHIPS

	DATES
International Union Against Tuberculosis and Lung Disease	2019 - 2020
National Immunization Technical Advisory Group	2017- 2020
Women Action Towards Economic Development (WATED), Founding member	2013-
Medical World International Association	2012-
Medical Women Association of Tanzania	2012-
Medical Association of Tanzania	2011-
Youth of United Nations Association (YUNA)	2008-2011

INTERNSHIP/ELECTIVE

INSTITUTION	ROLE	DATES
Dartmouth Hitchcock Medical Center, USA	Infectious Disease Unit Shadowing	Sept 2019
Dartmouth Hitchcock Medical Center, USA	Infectious Disease Unit Shadowing	Nov 2014-Apr 2015
Management Sciences for Health (MSH)- Boston, USA	Guideline review: TB/Diabetes	Apr-May 2015
Domestic violence and Homeless Shelter. Michigan, USA	Domestic and intimate partner violence	Apr 2013

HONORS**DATES**

Research Excellence Award of the Transforming Health Professions Education in Tanzania (THET). Community of Young Research Peers (MUHAS)	2021
Fogarty Fellowship- Community of Young Researchers Peer (CYRP) award. Medical Education Partnership Initiative (MEPI), MUHAS and Duke University	2018
Commendation on Capstone proposal – “Vitamin D Supplementation in Sickle cell Anemia”, Harvard Medical School	2017
Fogarty Fellowship- Scholarship training in clinical trials, Harvard Medical School	2016
Fogarty Fellowship- Scholarship: Master in Public Health, Geisel School of Medicine at Dartmouth	2014
Received a grant from the US Department of State to lead a project on “Land rights for coastal women in Tanzania	2014
Young Scientists award for best research proposal presentation at the Medical Association of Tanzania Scientific Conference	2013
Fulbright Scholar, Professional female exchange program. Michigan State University	2013
Best Overall Medical Student in Pathology, MUHAS	2007

SELECTED SCIENTIFIC PUBLICATIONS IN PEER REVIEW JOURNALS

1. **Amour M**, von Reyn CF. A new paradigm: testing household contacts of adolescents with incident TB infection. *Int J of Tuberc Lung Dis.* 2021;25: 599-601. <http://dx.doi.org/10.5588/ijtld.21.0134>
2. Munseri P, Said J, **Amour M**, Magohe A, Matee M, Rees CA, Mackenzie T, Tvaroha S, Bailey-Kellogg C, Maro I, Wieland-Alter W, Adams LV, Horsburgh CR, Nakamura K, Arbeit RD, Pallangyo K, von Reyn CF. DAR-901 vaccine for the prevention of infection with *Mycobacterium tuberculosis* among BCG-immunized adolescents in Tanzania: A randomized controlled, double-blind phase 2b trial. *Vaccine.* 2020;38(46):7239-45.
3. Rees CA, Pineros DB, **Amour M**, et al. The potential of CBC-derived ratios (monocyteto-lymphocyte, neutrophil-to-lymphocyte, and platelet-to-lymphocyte) to predict or diagnose incident TB infection in Tanzanian adolescents. *BMC Infect Dis.* 2020;20(1):609. Published 2020 Aug 18. doi:10.1186/s12879-020-05331
4. **Amour M**, Matuja SS, Chin JH. Medical management of acute loss of vision in tuberculous meningitis: A case report. *J Clin Tuberc Other Mycobact Dis.* 2020;19:100145. Published 2020 Jan 18. doi:10.1016/j.jctube.2020.100145
5. **Amour M**, Mwanga H, Bwire G. Invitro filtration efficiency for selected face-masks to bacteria with a size smaller than SARS-CoV-2 respiratory droplet. <https://www.researchsquare.com/article/rs-28705/v1> (*Preprint*)
6. Pancras G, **Amour M**, Mwakyandile T, Morris B, Sunguya BF, Mmbaga B. How do community advisory boards fulfill their ethical role in HIV clinical trials? A protocol for a systematic review of qualitative evidence. *BMJ Open.* 2020;10(4):e035368. Published 2020 Apr 30. doi:10.1136/bmjopen-2019-035368
7. **Amour M**. Predictors of mortality among adolescents and young adults living with HIV on antiretroviral therapy in Dar es Salaam, Tanzania [Dissertation]: Muhimbili University of Health and Allied Sciences; October 2020

<https://www.ncbi.nlm.nih.gov/myncbi/1R7Q7V5aIUWMFE/bibliography/public/>

CONSULTANCIES

1. Consultancy to enhance country analytical capacity and data use in Eastern and Southern Africa (PERSuADE2) Client: Global Fund to Fight HIV, TB and Malaria. Role: Project team member
2. Part of team: Preparation for Step survey for Non Communicable Diseases, Tanzania. November 2020
3. Systematic review for policy and the Ministry of Health Community Development Gender, Elderly and Children, on synthesis and decision onto whether Community Health Workers can provide Sayana Press (Injectable contraceptive) May 2018
4. Medical Women Association of Tanzania (MEWATA). Baseline Survey for Cervical and Breast Cancer Screening Campaigns in Tanzania. May 2017
5. Geita Gold Mine/ Anglo Gold Ashanti. Geita Malaria Project Impact evaluation. December 2016 to January 2017.
6. Ministry of Health, Revolutionary Republic of Zanzibar, Tanzania. Preparation and the conduct of TOT's training for the Zanzibar National Guideline on Focused Antenatal Care (FANC). April 2016
7. Ministry of Health, Revolutionary Republic of Zanzibar, Tanzania. Preparation of the Facilitator's and Learner's guide based on the Zanzibar National Guideline on Focused Antenatal Care (FANC). January 2016

SELECTED INTERNATIONAL CONFERENCES AND MEETINGS PRESENTATIONS

1. The 25th Annual Conference of the Union-North America. DAR-901 vaccine for the prevention of infection with Mycobacterium tuberculosis among BCG-immunized adolescents in Tanzania: A randomized controlled, double-blind phase 2b trial. Feb 2021 (*Poster presentation*)
2. The 51st UNION World Conference on Lung Health. Virtual- Oct 2020
3. Operational Research National TB symposium. Tuberculosis infection and TB vaccine trials among adolescents in Tanzania. July 2018 (*Oral presentation*)
4. Human Rights Day, Office of High Commission for Human Rights (OHCHR):“Strengthening Capacity of Civil Society Organization and Women Human Right Defenders. UNESCO Headquarters-Ethiopia 10th to 11th December 2017 (*Oral presentation*)
5. Mass Screening Campaigns by MEWATA” at the Africa Regional Conference on New Opportunities and Innovations in Cervical Cancer Prevention: HPV Vaccination and Screening Treatment, Zambia (*Oral Presentation*)
6. East African Community forum on mutual agreements for professional services from 31st July to 2nd August 2013 in Nairobi, Kenya (*Oral Presentation*)
7. Global Model United Nations (GMUN) in Geneva August 2009 titled “Lifting the bottom billion out of poverty, challenges in reaching the MDGs (*Oral Presentation*)

VOLUNTARY ACTIVITIES

MEWATA, Dar es Salaam, Tanzania

Jan 2012- Present

Medical Women Association of Tanzania (MEWATA) aimed at addressing the interests of medical women professionals; by promoting their education, improving standards of professional competences, fostering solidarity and linkages, encouraging and promoting research while advocating for policy changes in the health sector. This is a volunteering role and over the years, I served as a publicity secretary, treasurer, head of community services and International liaison

Main Responsibilities

1. Lead a COVID-19 response team to create advocacy messages on COVID-19 prevention in collaboration with the Ministry of Health
2. Identify opportunities and innovative approaches for the MEWATA engagement in gender-based violence, SRHR and cervical and breast cancer screening programs, and provide technical expertise in the implementation of programs, identifying strategies for improving access to care.
3. Analytically assess the MEWATA cancer screening, SRHR and gender-based violence programs, available budget, and facilitate design of new projects or activities necessary to achieve strategic objectives
4. Co-Investigator in a comprehensive community screening, knowledge and health seeking behaviors on selected NCDs and TB in Njombe, Ruvuma and Lindi regions in Tanzania
5. Co-Investigator: Project baseline survey and Implementation of project on adolescent and reproductive health services among students aged 15-24 years in Iringa, Tanzania
6. Co-technical team lead for several cervical cancer screening campaigns. Overall, more than 12000 women were screened for cervical cancer to date
7. Co-technical team lead for several breast cancer screening campaigns. Overall, more than 80000 women were screened for breast cancer to date
8. Project Coordinator and technical lead in capacity to respond to gender-based violence and violence against children in Tanzania (UNFPA funded)

9. Coordinated the initial steps towards establishment of a One Stop Center for Gender Based Violence
10. Provide technical guidance in developing of strategic plan as well as advice on funding opportunities, strategic investment and possible partnership with national and international collaborators
11. Part of the fundraising team for establishment of a state of the art well-women hospital
12. Lead each stage of project design for new activities, including grant management, drafting and getting approval for concept notes, writing scopes of work, and initiating new projects.
13. Provide strategic and technical input and leadership in the development of the MEWATA financial, human resource and procurement policy and guidance documents
14. Liaise with the government, funders, internal and external partners in carrying out our daily activities
15. Represent MEWATA in multiple local and international platforms including, the Ministry of Health, Medical Women International Association, our partners and donors

WATED, Dar es Salaam, Tanzania

Sept 2013- Present

Women Action Towards Economic Development (**WATED**) is a Non-Governmental Organization registered aimed at building, enhancing, improving and strengthening Women economic empowerment groups at grass root level. This is a volunteering role and over the years, I served as a founding member and vice chairperson.

Main Responsibilities

1. Women human rights defender: Part of the organizer for a coalition to strengthen civil society organisations on Human rights in Tanzania. 2016 to date
2. Project Coordinator: Voices of Coastal Women: Phase II follow up Project.2019
3. Project Coordinator: Grassroots Voices of Coastal Women Environmental Justice Project 2018
4. Project Manager: Land rights for coastal women in Tanzania. Funder: US Department of State. Alumni Engagement Innovation Fund (AEIF) 2014-2015

LANGUAGE AND SKILLS

Fluent in English, native speaker of Swahili

Proficient in Microsoft Office (Word, PowerPoint and excel) for Macintosh and Windows Expert level in STATA, SPSS

REFEREES

Ford Von Reyn, MD
 Director, DarDar International Programs
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 Geisel School of Medicine at Dartmouth
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Maryam Amour, September 2021

Amour.