

CURRICULUM VITAE FOR ...Prof Ferdinand Mugusi....

1.0 PERSONAL HISTORY

- 1.1 Full name: ...**Ferdinand Mukama Mugusi**.....
1.2 Sex: ...Male.....
1.3 Date of birth: ...08/September/1952.....
1.4 Nationality: ...Tanzanian.....
1.5 Marital status: ...Married.....
1.6 Number of children: ...One.....
1.7 Address:

Official--...Department of Internal Medicine
.....Muhimbili University of Health and Allied Sciences...
.....P.O.Box 65001.....
.....9 United Nations Road, Upanga.....
.....Dar es Salaam, Tanzania.....
E-mail: ...fm.mugusi@gmail.com

Private:...Mbezi Beach, P.O.Box 3498, Dar es Salaam.....
..... fm.mugusi@gmail.com,

Cell phone:...+255 784 613354

2.0 ACADEMIC TRAINING

<u>Level</u>	<u>Name of School</u>	<u>Dates</u>
2.1 Primary School	Mwanza	1961 to 1967
2.2 Ordinary Level	Ihungo Sec School, Bukoba.	1968 to 1971
2.3 High School	Mkwawa High School, Iringa.	1972 to 1973
2.3 Undergraduate Education	Kalinin Medical Institute (Russia).	1974 to 1981
2.4 Postgraduate Education	University of Dar es Salaam	1985 to 1988
2.5 Fellowship	Fellowship training in Respiratory Medicine at the Cardio-thoracic Centre Freeman Hospital, UK	1994 to 1995

3.0 ACADEMIC AND PROFESSIONAL QUALIFICATIONS

	<u>Qualifications</u>	<u>Institutions</u>	<u>Years</u>
3.1	MD	Kalinin Medical Institute	1974-1981
3.2	MMed	University of Dar Es Salaam	1985-1988

4.0 POSTS HELD AT THE UNIVERSITY

	<u>Post</u>	<u>School/Department</u>	<u>Dates</u>
4.1	Lecturer	Department of Medicine	1992-1997
4.2	Head	Clinical Research Laboratory	1996-2003
4.3	Senior Lecturer,	Department of Medicine	1997-2005
4.4	Member	Senate Research and Publications	2003-2014

4.5	Head,	Committee (IRB) Department of Medicine, Muhimbili National Hospital	2003-2004
4.6	Chairman of the Hospital Drug and therapeutic Committee	Muhimbili National Hospital	2004- To date
4.7	Head,	Department of Internal Medicine, MUHAS	2004-2009
4.8	Associate Professor,	Department of Medicine, MUHAS	2005-2010
4.9	Professor,	Department of Medicine, MUHAS	2010- To date

5.0 PREVIOUS WORKING EXPERIENCE

<u>Post</u>	<u>Institute</u>	<u>Dates</u>
5.1 District Medical Officer,	Bagamoyo District. Responsibilities included patient care, administration, and planning of health programs.	1982-1985
5.2 Staff Physician,	Aga Khan Hospital, Dar es Salaam.	1989-1990
5.3 Staff Physician,	Muhimbili Medical Center, Dar es Salaam.	1991-1992

6.0 AWARDS/HONORS

6.1

7.0 MEMBERSHIP AND APPOINTMENTS

7.1 Academic and Professional bodies

- 7.1.1 Member of the Medical association of Tanzania
- 7.1.2 Member of the Association of Physicians of Tanzania
- 7.1.3 Member of the Diabetic association of Tanzania
- 7.1.4 Member of The Tanzania AIDS society

7.2 Appointments to administrative positions/Boards/Committees

7.2.1 Past

- 7.2.1.1 Member, Senate Research and Publication Committee
- 7.2.1.2 Member, School Board
- 7.2.1.3 Member, Curriculum review committee

7.2.2 External examination appointments

- 7.2.2.1 Nairobi University, Kenyatta, Nairobi, Kenya
- 7.2.2.2 Makerere University, Kampala, Uganda
- 7.2.2.3 International Medical and Technological University, Dar es Salaam

8.0 PUBLICATIONS

8.1 PUBLISHED PAPERS

- 8.1.1 Pallangyo KJ, Mbaga IM, **Mugusi F**, Mbena E, Mhalu FS, Bredberg U, Biberfeld G. Clinical case definition of AIDS in African adults. Lancet. 1987 Oct 24;2(8565):972
- 8.1.2 Swai AB, McLarty DG, **Mugusi F**. Tuberculosis in diabetic patients in Tanzania. Trop Doct. 1990 Oct;20(4):147-50.
- 8.1.3 **Mugusi F**, Swai AB, Turner SJ, Alberti KG, McLarty DG. Hypoadrenalism in patients with pulmonary tuberculosis in Tanzania: an undiagnosed complication? Trans R Soc Trop Med Hyg. 1990 Nov-Dec;84(6):849-51.
- 8.1.4 **Mugusi F**, Swai AB, Alberti KG, McLarty DG. Increased prevalence of diabetes mellitus in patients with pulmonary tuberculosis in Tanzania. Tubercle. 1990 Dec;71(4):271-6.
- 8.1.5 **Mugusi F**, Ramaiya KL, Chale S, Swai AB, McLarty DG, Alberti KG. Blood pressure changes in diabetes in urban Tanzania. Acta Diabetol. 1995 Mar;32(1):28-31.
- 8.1.6 Mlika-Cabanne N, Brauner M, **Mugusi F**, Grenier P, Daley C, Mbaga I, Larouzé B, Murray JF. Radiographic abnormalities in tuberculosis and risk of coexisting human immunodeficiency virus infection. Results from Dar-es-Salaam, Tanzania, and scoring system. Am J Respir Crit Care Med. 1995 Aug;152(2):786-93.
- 8.1.7 Daley CL, **Mugusi F**, Chen LL, Schmidt DM, Small PM, Bearer E, Aris E, Mtoni IM, Cegielski JP, Lallinger G, Mbaga I, Murray JF. Pulmonary complications of HIV infection in Dar es Salaam, Tanzania. Role of bronchoscopy and bronchoalveolar lavage. Am J Respir Crit Care Med. 1996 Jul;154(1):105-10.
- 8.1.8 Samb B, Henzel D, Daley CL, **Mugusi F**, Niyongabo T, Mlika-Cabanne N, Kamanfu G, Aubry P, Mbaga I, Larouzé B, Murray JF. Methods for diagnosing tuberculosis among in-patients in eastern Africa whose sputum smears are negative. Int J Tuberc Lung Dis. 1997 Feb;1(1):25-30.
- 8.1.9 Wikblad K, Smide B, Bergström A, Kessi J, **Mugusi F**. Outcome of clinical foot examination in relation to self-perceived health and glycaemic control in a group of urban Tanzanian diabetic patients. Diabetes Res Clin Pract. 1997 Sep;37(3):185-92.
- 8.1.10 Unwin N, Alberti G, Aspray T, Edwards R, Mbanya JC, Sobngwi E, **Mugusi F**, Rashid S, Setel P, Whiting D. Economic globalisation and its effect on health. Some diseases could be eradicated for the cost of a couple of fighter planes. BMJ. 1998 May 9;316(7142):1401-2.
- 8.1.11 Wikblad K, Smide B, Bergström A, Wahren L, **Mugusi F**, Jeppsson JO. Immediate assessment of HbA1c under field conditions in Tanzania. Diabetes Res Clin Pract. 1998 May;40(2):123-8.
- 8.1.12 Smide B, Whiting D, **Mugusi F**, Felten L, Wikblad K. Self-perceived health in urban diabetic patients in Tanzania. East Afr Med J. 1999 Feb;76(2):67-70.
- 8.1.13 Edwards R, Unwin N, **Mugusi F**, Whiting D, Rashid S, Kissima J, Aspray TJ, Alberti KG. Hypertension prevalence and care in an urban and rural area of Tanzania. J Hypertens. 2000 Feb;18(2):145-52.
- 8.1.14 Bakari M, Moshi A, Aris EA, Chale S, Josiah R, Magao P, Pallangyo N, Mugusi F, Sanstrom E, Biberfeld G, Mhalu F, Pallangyo K. Isoniazid prophylaxis for tuberculosis prevention among HIV infected police officers in Dar es Salaam. Tanzania Medical Journal. Vol 77;9
- 8.1.15 Bakari M, Lyamuya E, **Mugusi F**, Aris E, Chale S, Magao P, Jossiah R, Janabi M, Swai A, Pallangyo N, Sandström E, Mhalu F, Biberfeld G, Pallangyo K. The prevalence and incidence of HIV-1 infection and

- syphilis in a cohort of police officers in Dar es Salaam, Tanzania: a potential population for HIV vaccine trials.* AIDS. 2000 Feb 18;14(3):313-20.
- 8.1.16 Rashid S, Aspray TJ, Edwards R, **Mugusi F**, Whiting D, Unwin NC, Setel P, Alberti KG. *The pitfalls of measuring changes in smoking habits. Essential NCD Health Intervention Project Team.* Trop Doct. 2000 Jul;30(3):160-1.
- 8.1.17 Unwin N, **Mugusi F**, Aspray T, Whiting D, Edwards R, Mbanya JC, Sobngwi E, Rashid S, Alberti KG. *Tackling the emerging pandemic of non-communicable diseases in sub-Saharan Africa: the essential NCD health intervention project.* Public Health. 1999 May;113(3):141-6.
- 8.1.18 Aspray TJ, **Mugusi F**, Rashid S, Whiting D, Edwards R, Alberti KG, Unwin NC; Essential Non-Communicable Disease Health Intervention Project. *Rural and urban differences in diabetes prevalence in Tanzania: the role of obesity, physical inactivity and urban living.* Trans R Soc Trop Med Hyg. 2000 Nov-Dec;94(6):637-44.
- 8.1.19 Unwin N, Setel P, Rashid S, **Mugusi F**, Mbanya JC, Kitange H, Hayes L, Edwards R, Aspray T, Alberti KG. *Noncommunicable diseases in sub-Saharan Africa: where do they feature in the health research agenda?* Bull World Health Organ. 2001;79(10):947-53. Epub 2001 Nov 1.
- 8.1.20 *Fair Benefits for Research in Developing Countries Participants in the 2001 Conference on Ethical Aspects of Research in Developing Countries** SCIENCE 2002; 298:2133-2134
- 8.1.21 **Mugusi F**, Josiah R, Moshi A, Chale S, Bakari M, Aris E, Magao P, Pallangyo N, Sandstrom E, Biberfeld G, Mhalu F, Pallangyo K. *Dropouts in a long-term follow-up study involving voluntary counseling and HIV testing: experience from a cohort of police officers in Dar Es Salaam, Tanzania.* J Acquir Immune Defic Syndr. 2002 May 1;30(1):119-23.
- 8.1.22 Jagoe K, Edwards R, **Mugusi F**, Whiting D, Unwin N. *Tobacco smoking in Tanzania, East Africa: population based smoking prevalence using expired alveolar carbon monoxide as a validation tool.* Tob Control. 2002 Sep;11(3):210-4.
- 8.1.23 Muhammad B, Eligius L, **Mugusi F**, Aris E, Chale S, Magao P, Josiah R, Moshi A, Swai A, Pallangyo N, Sandstrom E, Mhalu F, Biberfeld G, Pallangyo K. *The prevalence and pattern of skin diseases in relation to CD4 counts among HIV-infected police officers in Dar es Salaam.* Trop Doct. 2003 Jan;33(1):44-8.
- 8.1.24 Bakari M, Moshi A, Aris EA, Chale S, Josiah R, Magao P, Pallangyo N, **Mugusi F**, Sandström E, Biberfeld G, Mhalu F, Pallangyo K. *Isoniazid prophylaxis for tuberculosis prevention among HIV infected police officers in Dar es Salaam.* East Afr Med J. 2000 Sep;77(9):494-7.
- 8.1.25 **Mugusi FM**, Rusizoka O, Habib N, Fawzi W. *Vitamin A status of patients presenting with pulmonary tuberculosis and asymptomatic HIV-infected individuals, Dar es Salaam, Tanzania.* Int J Tuberc Lung Dis. 2003 Aug;7(8):804-7.
- 8.1.26 **F. Mugusi**, M Bakari, M Janabi, S Chale, R. Josiah, A. Moshi, P. Magao, E. Sandstrom, K. Pallangyo. *Special Clinics for the management of patients infected with the human immunodeficiency virus in a high prevalence region of Africa: the Tanzanian experience.* Tanzania Medical Journal 2003;18:33-36.
- 8.1.27 Fawzi WW, Msamanga GI, Spiegelman D, Wei R, Kapiga S, Villamor E, Mwakagile D, **Mugusi F**, Hertzmark E, Essex M, Hunter DJ. *A randomized trial of multivitamin supplements and HIV disease progression and mortality.* N Engl J Med. 2004 Jul 1;351(1):23-32.
- 8.1.28 Kupka R, Msamanga GI, Spiegelman D, Morris S, **Mugusi F**, Hunter DJ, Fawzi WW. *Selenium status is associated with accelerated HIV disease progression among HIV-1-infected pregnant women in Tanzania.* J Nutr. 2004 Oct;134(10):2556-60.
- 8.1.29 **Mugusi F**, Edwards R, Hayes L, Unwin N, Mbanya JC, Whiting D, Sobngwi E, Rashid S. *Prevalence of wheeze and self-reported asthma and asthma care in an urban and rural area of Tanzania and Cameroon.* Trop Doct. 2004 Oct;34(4):209-14.
- 8.1.30 Venkatesh PA, Bosch RJ, McIntosh K, **Mugusi F**, Msamanga G, Fawzi WW. *Predictors of incident*

- tuberculosis among HIV-1-infected women in Tanzania.* Int J Tuberc Lung Dis. 2005 Oct;9(10):1105-11.
- 8.1.31 Villamor E, Saathoff E, **Mugusi F**, Bosch RJ, Urassa W, Fawzi WW. *Wasting and body composition of adults with pulmonary tuberculosis in relation to HIV-1 coinfection, socioeconomic status, and severity of tuberculosis.* Eur J Clin Nutr. 2006 Feb;60(2):163-71.
- 8.1.32 **Mugusi F**, Villamor E, Urassa W, Saathoff E, Bosch RJ, Fawzi WW. *HIV co-infection, CD4 cell counts and clinical correlates of bacillary density in pulmonary tuberculosis.* Int J Tuberc Lung Dis. 2006 Jun;10(6):663-9.
- 8.1.33 Hamza OJ, Matee MI, Simon EN, Kikwilu E, Moshi MJ, **Mugusi F**, Mikx FH, Verweij PE, van der Ven AJ. *Oral manifestations of HIV infection in children and adults receiving highly active anti-retroviral therapy [HAART] in Dar es Salaam, Tanzania.* BMC Oral Health. 2006 Aug 18;6:12.
- 8.1.34 Drain PK, Kupka R, **Mugusi F**, Fawzi WW. *Micronutrients in HIV-positive persons receiving highly active antiretroviral therapy.* Am J Clin Nutr. 2007 Feb;85(2):333-45. Review.
- 8.1.35 Fawzi WW, Msamanga GI, Kupka R, Spiegelman D, Villamor E, **Mugusi F**, Wei R, Hunter D. *Multivitamin supplementation improves hematologic status in HIV-infected women and their children in Tanzania.* Am J Clin Nutr. 2007 May;85(5):1335-43.
- 8.1.36 S Aboud, M Bakari, A Nyamtema, **F Mugusi**, R Josiah, EA Aris. *Immunological Response to Antiretroviral Therapy in HIV-1 Infected Patients at Muhimbili National Hospital in Dar es Salaam.* Tanzania Medical Journal 2007 22;1:1-4
- 8.1.37 Kupka R, Msamanga GI, **Mugusi F**, Petraro P, Hunter DJ, Fawzi WW. *Iron status is an important cause of anemia in HIV-infected Tanzanian women but is not related to accelerated HIV disease progression.* J Nutr. 2007 Oct;137(10):2317-23.
- 8.1.38 Drain PK, Kupka R, Msamanga GI, Urassa W, **Mugusi F**, Fawzi WW. *C-reactive protein independently predicts HIV-related outcomes among women and children in a resource-poor setting.* AIDS. 2007 Oct 1;21(15):2067-75.
- 8.1.39 Villamor E, **Mugusi F**, Urassa W, Bosch RJ, Saathoff E, Matsumoto K, Meydani SN, Fawzi WW. *A trial of the effect of micronutrient supplementation on treatment outcome, T cell counts, morbidity, and mortality in adults with pulmonary tuberculosis.* J Infect Dis. 2008 Jun 1;197(11):1499-505.
- 8.1.40 Kupka R, **Mugusi F**, Aboud S, Msamanga GI, Finkelstein JL, Spiegelman D, Fawzi WW. *Randomized, double-blind, placebo-controlled trial of selenium supplements among HIV-infected pregnant women in Tanzania: effects on maternal and child outcomes.* Am J Clin Nutr. 2008 Jun;87(6):1802-8.
- 8.1.41 Hamza OJ, Matee MI, Moshi MJ, Simon EN, **Mugusi F**, Mikx FH, Helderman WH, Rijs AJ, van der Ven AJ, Verweij PE. *Species distribution and in vitro antifungal susceptibility of oral yeast isolates from Tanzanian HIV-infected patients with primary and recurrent oropharyngeal candidiasis.* BMC Microbiol. 2008 Aug 12;8:135.
- 8.1.42 Urassa W, **Mugusi F**, Villamor E, Msamanga G, Moshiro C, Bosch R, Saathoff E, Fawzi W. *Primary antimicrobial resistance among Mycobacterium tuberculosis isolates from HIV seropositive and HIV seronegative patients in Dar es Salaam Tanzania.* BMC Res Notes. 2008 Jul 31;1:58.
- 8.1.43 Hamza OJ, Matee MI, Brüggemann RJ, Moshi MJ, Simon EN, **Mugusi F**, Mikx FH, van der Lee HA, Verweij PE, van der Ven AJ. *Single-dose fluconazole versus standard 2-week therapy for oropharyngeal candidiasis in HIV-infected patients: a randomized, double-blind, double-dummy trial.* Clin Infect Dis. 2008 Nov 15;47(10):1270-6.
- 8.1.44 Kupka R, **Mugusi F**, Aboud S, Hertzmark E, Spiegelman D, Fawzi WW. *Effect of selenium supplements on hemoglobin concentration and morbidity among HIV-1-infected Tanzanian women.* Clin Infect Dis. 2009 May 15;48(10):1475-8.
- 8.1.45 Mehta S, Hunter DJ, **Mugusi FM**, Spiegelman D, Manji KP, Giovannucci EL, Hertzmark E, Msamanga GI, Fawzi WW.

Perinatal outcomes, including mother-to-child transmission of HIV, and child mortality and their association with maternal vitamin D status in Tanzania. J Infect Dis. 2009 Oct 1;200(7):1022-30.

- 8.1.46 **Mugusi F**, Mugusi S, Bakari M, Hejdemann B, Josiah R, Janabi M, Aboud S, Aris E, Swai H, Mhalu F, Biberfeld G, Pallangyo K, Sandstrom E. Enhancing adherence to antiretroviral therapy at the HIV clinic in resource constrained countries; the Tanzanian experience. Trop Med Int Health. 2009 Oct;14(10):1226-32.
- 8.1.47 **Mugusi FM**, Mehta S, Villamor E, Urassa W, Saathoff E, Bosch RJ, Fawzi WW. Factors associated with mortality in HIV-infected and uninfected patients with pulmonary tuberculosis. BMC Public Health. 2009 Nov 12;9:409.
- 8.1.48 Kawai K, Kupka R, **Mugusi F**, Aboud S, Okuma J, Villamor E, Spiegelman D, Fawzi WW. A randomized trial to determine the optimal dosage of multivitamin supplements to reduce adverse pregnancy outcomes among HIV-infected women in Tanzania. Am J Clin Nutr. 2010 Feb;91(2):391-7.
- 8.1.49 Mehta S, Giovannucci E, **Mugusi FM**, Spiegelman D, Aboud S, Hertzmark E, Msamanga GI, Hunter D, Fawzi WW. Vitamin D status of HIV-infected women and its association with HIV disease progression, anemia, and mortality. PLoS One. 2010 Jan 19;5(1):e8770.
- 8.1.50 Mugusi SF, Mwita JC, Francis JM, Aboud S, Bakari M, Aris EA, Swai AB, **Mugusi FM**, Pallangyo K, Sandstrom E. Effect of improved access to antiretroviral therapy on clinical characteristics of patients enrolled in the HIV care and treatment clinic, at Muhimbili National Hospital (MNH), Dar es Salaam, Tanzania. BMC Public Health. 2010 May 28;10:291.
- 8.1.51 Mehta S, Spiegelman D, Aboud S, Giovannucci EL, Msamanga GI, Hertzmark E, **Mugusi FM**, Hunter DJ, Fawzi WW. Lipid-soluble vitamins A, D, and E in HIV-infected pregnant women in Tanzania. Eur J Clin Nutr. 2010 Aug;64(8):808-17.
- 8.1.52 Walker R, Whiting D, Unwin N, **Mugusi F**, Swai M, Aris E, Jusabani A, Kabadi G, Gray WK, Lewanga M, Alberti G. Stroke incidence in rural and urban Tanzania: a prospective, community-based study. Lancet Neurol. 2010 Aug;9(8):786-92.
- 8.1.53 Ngaimisi E, Mugusi S, Minzi OM, Sasi P, Riedel KD, Suda A, Ueda N, Janabi M, **Mugusi F**, Haefeli WE, Burhenne J, Aklillu E. Long-term efavirenz autoinduction and its effect on plasma exposure in HIV patients. Clin Pharmacol Ther. 2010 Nov;88(5):676-84.
- 8.1.54 Howitt SC, Jones MP, Jusabani A, Gray WK, Aris E, **Mugusi F**, Swai M, Walker RW. A cross-sectional study of quality of life in incident stroke survivors in rural northern Tanzania. J Neurol. 2011 Aug;258(8):1422-30.
- 8.1.55 Walker RW, Jusabani A, Aris E, Gray WK, Whiting D, Kabadi G, **Mugusi F**, Swai M, Alberti G, Unwin N. Post-stroke case fatality within an incident population in rural Tanzania. J Neurol Neurosurg Psychiatry. 2011 Sep;82(9):1001-5.
- 8.1.56 A Makubi, **F Mugusi**, P Magesa, D Roberts, A Quaresh. The burden and morphological types of anaemia among HIV infected children in Dar es Salaam, Tanzania. Tanzania Medical Journal 2011 25;1:13-16
- 8.1.57 Hawkins C, Chalamilla G, Okuma J, Spiegelman D, Hertzmark E, Aris E, Ewald T, **Mugusi F**, Mtasiwa D, Fawzi W. Sex differences in antiretroviral treatment outcomes among HIV-infected adults in an urban Tanzanian setting. AIDS. 2011 Jun 1;25(9):1189-97. D
- 8.1.58 Shayo GA, **Mugusi FM**. Prevalence of obesity and associated risk factors among adults in Kinondoni municipal district, Dar es Salaam Tanzania. BMC Public Health. 2011 May 23;11:365.
- 8.1.59 Boniphace Idindili, Boniface Jullu, **Ferdinand M. Mugusi**, Marcel Tanner. Management of HIV and AIDS at lower primary health care facility in Chalinze, eastern Tanzania. Tanzania Journal of Health Research 2011 13;3:252-263
- 8.1.60 Saathoff E, Villamor E, **Mugusi F**, Bosch RJ, Urassa W, Fawzi WW. Anemia in adults with tuberculosis is associated with HIV and anthropometric status in Dar es Salaam,

- Tanzania*. Int J Tuberc Lung Dis. 2011 Jul;15(7):925-32.
- 8.1.61 Moon S, Gurkan UA, Blander J, Fawzi WW, Aboud S, **Mugusi F**, Kuritzkes DR, Demirci U. Enumeration of CD4+ T-cells using a portable microchip count platform in Tanzanian HIV-infected patients. PLoS One. 2011;6(7):e21409
- 8.1.62 Ngaimisi E, Mugusi S, Minzi O, Sasi P, Riedel KD, Suda A, Ueda N, Janabi M, **Mugusi F**, Haefeli WE, Bertilsson L, Burhenne J, Aklillu E. Effect of rifampicin and CYP2B6 genotype on long-term efavirenz autoinduction and plasma exposure in HIV patients with or without tuberculosis. Clin Pharmacol Ther. 2011 Sep;90(3):406-13.
- 8.1.63 Mehta S, **Mugusi FM**, Spiegelman D, Villamor E, Finkelstein JL, Hertzmark E, Giovannucci EL, Msamanga GI, Fawzi WW. Vitamin D status and its association with morbidity including wasting and opportunistic illnesses in HIV-infected women in Tanzania. AIDS Patient Care STDS. 2011 Oct;25(10):579-85.
- 8.1.64 Idindili B, Jullu B, Hattendorfi J, **Mugusi F**, Antelman G, Tanner M. HIV and parasitic co-infections among patients seeking care at health facilities in Tanzania. Tanzan J Health Res. 2011 Oct;13(4):75-85.
- 8.1.65 Mehta S, **Mugusi FM**, Bosch RJ, Aboud S, Chatterjee A, Finkelstein JL, Fataki M, Kisenge R, Fawzi WW. A randomized trial of multivitamin supplementation in children with tuberculosis in Tanzania. Nutr J. 2011 Oct 31;10:120.
- 8.1.66 Swai HF, **Mugusi FM**, Mbwambo JK. Sputum smear negative pulmonary tuberculosis: sensitivity and specificity of diagnostic algorithm. BMC Res Notes. 2011 Nov 1;4:475.
- 8.1.67 Li N, Spiegelman D, Drain P, Mwiru RS, **Mugusi F**, Chalamilla G, Fawzi WW. Predictors of weight loss after HAART initiation among HIV-infected adults in Tanzania. AIDS. 2012 Mar 13;26(5):577-85.
- 8.1.68 KVK Mboneko, P Munseri, **F Mugusi**. Multi-drug resistant tuberculosis in Tanzania: Initial description of patients started on second line anti-tuberculous drugs at Kibong'oto Hospital. Tanzania Medical Journal 2012 26;2:15-20
- 8.1.69 Isanaka S, **Mugusi F**, Urassa W, Willett WC, Bosch RJ, Villamor E, Spiegelman D, Duggan C, Fawzi WW. Iron deficiency and anemia predict mortality in patients with tuberculosis. J Nutr. 2012 Feb;142(2):350-7.
- 8.1.70 Finkelstein JL, Mehta S, Duggan C, Manji KP, **Mugusi FM**, Aboud S, Spiegelman D, Msamanga GI, Fawzi WW. Maternal vitamin D status and child morbidity, anemia, and growth in human immunodeficiency virus-exposed children in Tanzania. Pediatr Infect Dis J. 2012 Feb;31(2):171-5.
- 8.1.71 Kawai K, Villamor E, **Mugusi FM**, Saathoff E, Urassa W, Bosch RJ, Spiegelman D, Fawzi WW. Predictors of change in nutritional and hemoglobin status among adults treated for tuberculosis in Tanzania. Int J Tuberc Lung Dis. 2011 Oct;15(10):1380-9.
- 8.1.72 Mugusi SF, Ngaimisi E, Janabi MY, **Mugusi FM**, Minzi OM, Sasi PG, Bakari M, Lindquist L, Aklillu E, Sandstrom EG. Risk factors for mortality among HIV-positive patients with and without active tuberculosis in Dar es Salaam, Tanzania. Antivir Ther. 2012;17(2):265-74.
- 8.1.73 Nagu TJ, Kanyangarara M, Hawkins C, Hertmark E, Chalamilla G, Spiegelman D, **Mugusi F**, Fawzi W. Elevated alanine aminotransferase in antiretroviral-naïve HIV-infected African patients: magnitude and risk factors. HIV Med. 2012 Oct;13(9):541-8.
- 8.1.74 Isanaka S, Aboud S, **Mugusi F**, Bosch RJ, Willett WC, Spiegelman D, Duggan C, Fawzi WW. Iron status predicts treatment failure and mortality in tuberculosis patients: a prospective cohort study from Dar es Salaam, Tanzania. PLoS One. 2012;7(5):e37350.
- 8.1.75 Idindil B, Jullu B, **Mugusi F**, Tanner M. A case-control study of factors associated with non-adherent to antiretroviral therapy among HIV infected people in Pwani Region, eastern Tanzania. Tanzan J Health Res. 2012 Jul;14(3):194-203.

- 8.1.76 Sudfeld CR, Wang M, Aboud S, Giovannucci EL, **Mugusi FM**, Fawzi WW. [Vitamin D and HIV progression among Tanzanian adults initiating antiretroviral therapy.](#) PLoS One. 2012;7(6):e40036.
- 8.1.77 Mugusi S, Ngaimisi E, Janabi M, Minzi O, Bakari M, Riedel KD, Burhenne J, Lindquist L, **Mugusi F**, Sandstrom E, Aklillu E. [Liver enzyme abnormalities and associated risk factors in HIV patients on efavirenz-based HAART with or without tuberculosis co-infection in Tanzania.](#) PLoS One. 2012;7(7):e40180.
- 8.1.78 Hardwick RJ, Amogne W, Mugusi S, Yimer G, Ngaimisi E, Habtewold A, Minzi O, Makonnen E, Janabi M, Machado LR, Viskaduraki M, **Mugusi F**, Aderaye G, Lindquist L, Hollox EJ, Aklillu E. [β-defensin genomic copy number is associated with HIV load and immune reconstitution in sub-saharan Africans.](#) J Infect Dis. 2012 Oct 1;206(7):1012-9.
- 8.1.79 Isanaka S, **Mugusi F**, Hawkins C, Spiegelman D, Okuma J, Aboud S, Guerino C, Fawzi WW. [Effect of high-dose vs standard-dose multivitamin supplementation at the initiation of HAART on HIV disease progression and mortality in Tanzania: a randomized controlled trial.](#) JAMA. 2012 Oct 17;308(15):1535-44.
- 8.1.80 Mwita J, **Mugusi F**, Pallangyo K. [Pneumocystis pneumonia and pulmonary tuberculosis among HIV-infected patients at Muhimbili National Hospital, Tanzania.](#) East Afr J Public Health. 2012 Mar;9(1):10-2.
- 8.1.81 Mwita JC, **Mugusi F**, Lwakatare J, Chiwanga F. [Hypertension control and other cardiovascular risk factors among diabetic patients at Muhimbili National Hospital, Tanzania.](#) East Afr J Public Health. 2012 Jun;9(2):70-3.
- 8.1.82 Guwatudde D, Ezeamama AE, Bagenda D, Kyeyune R, Wabwire-Mangen F, Wamani H, **Mugusi F**, Spiegelman D, Wang M, Manabe YC, Fawzi WW. [Multivitamin supplementation in HIV infected adults initiating antiretroviral therapy in Uganda: the protocol for a randomized double blinded placebo controlled efficacy trial.](#) BMC Infect Dis. 2012 Nov 15;12:304.
- 8.1.83 Sudfeld CR, Giovannucci EL, Isanaka S, Aboud S, **Mugusi FM**, Wang M, Chalamilla G, Fawzi WW. [Vitamin D status and incidence of pulmonary tuberculosis, opportunistic infections, and wasting among HIV-infected Tanzanian adults initiating antiretroviral therapy.](#) J Infect Dis. 2013 Feb 1;207(3):378-85.
- 8.1.84 Hawkins C, Christian B, Ye J, Nagu T, Aris E, Chalamilla G, Spiegelman D, **Mugusi F**, Mehta S, Fawzi W. [Prevalence of hepatitis B co-infection and response to antiretroviral therapy among HIV-infected patients in Tanzania.](#) AIDS. 2013 Mar 27;27(6):919-27.
- 8.1.85 Masalu JR, Aboud M, Moshi MJ, **Mugusi F**, Kamuhabwa A, Mgimwa N, Freeman P, Goodell AJ, Kaaya EE, Macfarlane SB. [An institutional research agenda: focusing university expertise in Tanzania on national health priorities.](#) J Public Health Policy. 2012;33 Suppl 1:S186-201.
- 8.1.86 Sudfeld CR, Isanaka S, Aboud S, **Mugusi FM**, Wang M, Chalamilla GE, Fawzi WW. [Association of serum albumin concentration with mortality, morbidity, CD4 T-cell reconstitution among tanzanians initiating antiretroviral therapy.](#) J Infect Dis. 2013 May 1;207(9):1370-8.
- 8.1.87 Ippolito G, Levy JA, Sonnerborg A, **Mugusi F**, Dianzani F. [AIDS and HIV Infection after Thirty Years.](#) AIDS Res Treat. 2013;2013:731983.
- 8.1.88 Walker RW, Jusabani A, Aris E, Gray WK, **Mugusi F**, Swai M, Alberti KG, Unwin N. [Correlates of short- and long-term case fatality within an incident stroke population in Tanzania.](#) S Afr Med J. 2012 Dec 11;103(2):107-12.
- 8.1.89 Isanaka S, **Mugusi F**, Fawzi WW. [Standard-dose vs high-dose multivitamin supplements for HIV--reply.](#) JAMA. 2013 Feb 13;309(6):546.
- 8.1.90 Sudfeld CR, **Mugusi FM**, Fawzi WW. [Reply to Séraphin.](#) J Infect Dis. 2013 May 15;207(10):1623-4.

- 8.1.91 Walker RW, Dewhurst M, Gray WK, Jusabani A, Aris E, Unwin N, Swai M, Adams PC, **Mugusi F**. *Electrocardiographic assessment of coronary artery disease and stroke risk factors in rural and urban Tanzania: a case-control study.* J Stroke Cerebrovasc Dis. 2014 Feb;23(2):315-20
- 8.1.92 Sudfeld CR, Isanaka S, **Mugusi FM**, Aboud S, Wang M, Chalamilla GE, Giovannucci EL, Fawzi WW. *Weight change at 1 mo of antiretroviral therapy and its association with subsequent mortality, morbidity, and CD4 T cell reconstitution in a Tanzanian HIV-infected adult cohort.* Am J Clin Nutr. 2013 Jun;97(6):1278-87.
- 8.1.93 Makubi A, Okuma J, Spiegelman D, Hawkins C, Darling AM, Jackson E, **Mugusi F**, Chalamilla G, Fawzi W. *Burden and Determinants of Severe Anemia among HIV-Infected Adults: Results from a Large Urban HIV Program in Tanzania, East Africa.* J Int Assoc Provid AIDS Care. 2015 Mar-Apr;14(2):148-55.
- 8.1.94 Ngaimisi E, Habtewold A, Minzi O, Makonnen E, Mugusi S, Amogne W, Yimer G, Riedel KD, Janabi M, Aderaye G, **Mugusi F**, Bertilsson L, Aklillu E, Burhenne J. *Importance of ethnicity, CYP2B6 and ABCB1 genotype for efavirenz pharmacokinetics and treatment outcomes: a parallel-group prospective cohort study in two sub-Saharan Africa populations.* PLoS One. 2013 Jul 5;8(7):e67946.
- 8.1.95 Kawai K, Meydani SN, Urassa W, Wu D, **Mugusi FM**, Saathoff E, Bosch RJ, Villamor E, Spiegelman D, Fawzi WW. *Micronutrient supplementation and T cell-mediated immune responses in patients with tuberculosis in Tanzania.* Epidemiol Infect. 2014 Jul;142(7):1505-9.
- 8.1.96 Aklillu E, Odenthal-Hesse L, Bowdrey J, Habtewold A, Ngaimisi E, Yimer G, Amogne W, Mugusi S, Minzi O, Makonnen E, Janabi M, **Mugusi F**, Aderaye G, Hardwick R, Fu B, Viskaduraki M, Yang F, Hollox EJ. *CCL3L1 copy number, HIV load, and immune reconstitution in sub-Saharan Africans.* BMC Infect Dis. 2013 Nov 12;13:536.
- 8.1.97 Mehta S, **Mugusi FM**, Bosch RJ, Aboud S, Urassa W, Villamor E, Fawzi WW. *Vitamin D status and TB treatment outcomes in adult patients in Tanzania: a cohort study.* BMJ Open. 2013 Nov 18;3(11):e003703.
- 8.1.98 Machado LR, Bowdrey J, Ngaimisi E, Habtewold A, Minzi O, Makonnen E, Yimer G, Amogne W, Mugusi S, Janabi M, Aderaye G, **Mugusi F**, Viskaduraki M, Aklillu E, Hollox EJ. *Copy number variation of Fc gamma receptor genes in HIV-infected and HIV-tuberculosis co-infected individuals in sub-Saharan Africa.* PLoS One. 2013 Nov 8;8(11):e78165.
- 8.1.99 Miller N, Gray WK, Howitt SC, Jusabani A, Swai M, **Mugusi F**, Jones MP, Walker RW. *Aphasia and swallowing problems in subjects with incident stroke in rural northern Tanzania: a case-control study.* Top Stroke Rehabil. 2014 Jan-Feb;21(1):52-62.
- 8.1.100 Nagu TJ, Spiegelman D, Hertzmark E, Aboud S, Makani J, Matee MI, Fawzi W, **Mugusi F**. *Anemia at the initiation of tuberculosis therapy is associated with delayed sputum conversion among pulmonary tuberculosis patients in Dar-es-Salaam, Tanzania.* PLoS One. 2014 Mar 18;9(3):e91229.
- 8.1.101 Shayo GA, Minja LT, Egwaga S, Bakari M, **Mugusi FM**. *Symptom-based screening tool in ruling out active tuberculosis among HIV-infected patients eligible for isoniazid preventive therapy in Tanzania.* Trop Med Int Health. 2014 Jun;19(6):726-733.
- 8.1.102 Shimwela M, Mwita JC, Mwandiri M, Rwegerera GM, Mashalla Y, **Mugusi F**. *Asthma prevalence, knowledge, and perceptions among secondary school pupils in rural and urban coastal districts in Tanzania.* BMC Public Health. 2014 Apr 23;14:387.
- 8.1.103 Sudfeld CR, Aboud S, Kupka R, **Mugusi FM**, Fawzi WW. *Effect of selenium supplementation on HIV-1 RNA detection in breast milk of Tanzanian women.* Nutrition. 2014 Sep;30(9):1081-4.
- 8.1.104 Shayo GA, Moshiro C, Spiegelman D, **Mugusi FM**, Chalamilla G, Msamanga G, Hawkins C, Fawzi W. *Prevalence and risk factors for skin diseases among antiretroviral-naïve HIV-infected pregnant women in Dar es Salaam, Tanzania.* Int J Dermatol. 2014 Oct;53(10):1249-58.
- 8.1.105 Ngaimisi E, Minzi O, Mugusi S, Sasi P, Riedel KD, Suda A, Ueda N, Bakari M, Janabi M, **Mugusi F**, Bertilsson L, Burhenne J, Aklillu E, Diczfalusy U. *Pharmacokinetic and pharmacogenomic modelling of*

the CYP3A activity marker 4 β -hydroxycholesterol during efavirenz treatment and efavirenz/rifampicin co-treatment. J Antimicrob Chemother. 2014 Dec;69(12):3311-9.

- 8.1.106 Abioye AI, Isanaka S, Liu E, Mwiru RS, Noor RA, Spiegelman D, **Mugusi F**, Fawzi W. Gender differences in diet and nutrition among adults initiating antiretroviral therapy in Dar es Salaam, Tanzania. AIDS Care. 2015;27(6):706-15.
- 8.1.107 Nagu TJ, Aboud S, Mwiru R, Matee M, Fawzi W, **Mugusi F**. Multi drug and other forms of drug resistant tuberculosis are uncommon among treatment naïve tuberculosis patients in Tanzania. PLoS One. 2015 Apr 7;10(4):e0118601.
- 8.1.108 Buma D, Bakari M, Fawzi W, Mugusi F (2015). Clinical and Immunological Effects of a Reduced Daily Dose of Stavudine among Antiretroviral Naïve HIV-infected Individuals in Dar es Salaam, Tanzania: A Randomized, Controlled Study. J HIV AIDS 1 (1) (ISSN 2380-5536). <http://dx.doi.org/10.16966/2380-5536.103>
- 8.1.109 Walker RW, Wakefield K, Gray WK, Jusabani A, Swai M, **Mugusi F**. Case-fatality and disability in the Tanzanian Stroke Incidence Project cohort. Acta Neurol Scand. 2015 May 5. doi: 10.1111/ane.12422. [Epub ahead of print]
- 8.1.110 Shayo GA, Moshiro C, Aboud S, Bakari M, **Mugusi FM**. Acceptability and adherence to Isoniazid preventive therapy in HIV-infected patients clinically screened for latent tuberculosis in Dar es Salaam, Tanzania. BMC Infect Dis. 2015 Aug 26;15:368.
- 8.1.111 Deus Buma, Muhammad Bakari, Wafaie Fawzi, Ferdinand Mugusi (2015). Virological Response Following Anti-Retroviral Therapy Employing Once-A-Day 30mg of Stavudine in HIV-Infected Patients: A 24-Week Randomized Controlled Study in Dar Es Salaam, Tanzania. J Virol Emerg Dis 2 (1): doi <http://dx.doi.org/10.16966/2471-822X.109>
- 8.1.112 Buma D, Bakari M, Fawzi W, Mugusi F (2015). The Influence of HIV-Status Disclosure on Adherence, Immunological and Virological Outcomes among HIV-Infected Patients Started on Antiretroviral Therapy in Dar-es-Salaam, Tanzania. J HIV AIDS 1(3): <http://dx.doi.org/10.16966/2380-5536.111>
- 8.1.113 Grace A Shayo, **Ferdinand M. Mugusi**. Prevalence and risk factors for obstructive sleep apnoea in Dar es Salaam, Tanzania. Tanzania Journal of Health Research 2015 Vol 17(1)
- 8.1.114 Wylie BJ, Kishashu Y, Matechi E, Zhou Z, Coull B, Abioye AI, Dionisio KL, **Mugusi F**, Premji Z, Fawzi W, Hauser R, Ezzati M. Maternal exposure to carbon monoxide and fine particulate matter during pregnancy in an urban Tanzanian cohort. Indoor Air. 2016 Feb 16. doi: 10.1111/ina.12289. [Epub ahead of print]
- 8.1.115 Hawkins C, Ulenga N, Liu E, Aboud S, **Mugusi F**, Chalamilla G, Sando D, Aris E, Carpenter D, Fawzi W. HIV virological failure and drug resistance in a cohort of Tanzanian HIV-infected adults. J Antimicrob Chemother. 2016 Jul;71(7):1966-74. doi: 10.1093/jac/dkw051. Epub 2016 Apr 13.
- 8.1.116 Manji M, Shayo G, Mamuya S, Mpembeni R, Jusabani A, **Mugusi F**. Lung functions among patients with pulmonary tuberculosis in Dar es Salaam - a cross-sectional study. BMC Pulm Med. 2016 Apr 23;16(1):58. doi: 10.1186/s12890-016-0213-5.
- 8.1.117 de Mast Q, Molhoek JE, van der Ven AJ, Gray WK, de Groot PG, Jusabani A, **Mugusi F**, Urbanus RT, Walker RW. Antiphospholipid Antibodies and the Risk of Stroke in Urban and Rural Tanzania: A Community-Based Case-Control Study. Stroke. 2016 Oct;47(10):2589-95. doi: 10.1161/STROKEAHA.116.013760. Epub 2016 Sep 13.
- 8.1.118 Sudfeld CR, Kaaya S, Gunaratna NS, **Mugusi F**, Fawzi WW, Aboud S, Smith Fawzi MC. Depression at antiretroviral therapy initiation and clinical outcomes among a cohort of Tanzanian women living with HIV. AIDS. 2017 Jan 14;31(2):263-271. doi: 10.1097/QAD.0000000000001323.
- 8.1.119 Njelekela M, Muhihi A, Aveika A, Spiegelman D, Hawkins C, Armstrong C, Liu E, Okuma J, Chalamila G, Kaaya S, **Mugusi F**, Fawzi W. Prevalence of Hypertension and Its Associated Risk Factors among 34,111 HAART Naïve HIV-Infected Adults in Dar es Salaam, Tanzania. Int J Hypertens.

2016;2016:5958382. Epub 2016 Oct 30.

- 8.1.120 Mwiru RS, Nagu TJ, Kaduri P, **Mugusi F**, Fawzi W. *Prevalence and patterns of cigarette smoking among patients co-infected with human immunodeficiency virus and tuberculosis in Tanzania.* Drug Alcohol Depend. 2017 Jan 1;170:128-132. doi: 10.1016/j.drugalcdep.2016.11.006. Epub 2016 Nov 12.
- 8.1.121 Nagu TJ, Aboud S, Matee MI, Maeurer MJ, Fawzi WW, **Mugusi F**. *Effects of isoniazid resistance on TB treatment outcomes under programmatic conditions in a high-TB and -HIV setting: a prospective multicentre study.* J Antimicrob Chemother. 2017 Mar 1;72(3):876-881. doi: 10.1093/jac/dkw503.
- 8.1.122 Buma D, Bakari M, Fawzi W, Mugusi F (2017). *Complete Phase-Out Stavudine Based Regimens in the Treatment of HIV-Infection: is it True That Stavudine Hasn't Any Benefit Today? A Review.* J Epidemiol Public Health Rev 2(5): doi <http://dx.doi.org/10.16966/2471-8211.152>
- 8.1.123 Darling AM, Mugusi FM, Etheredge AJ, Gunaratna NS, Abioye AI, Aboud S, Duggan C, Mongi R, Spiegelman D, Roberts D, Hamer DH, Kain KC, Fawzi WW. *Vitamin A and Zinc Supplementation Among Pregnant Women to Prevent Placental Malaria: A Randomized, Double-Blind, Placebo-Controlled Trial in Tanzania.* Am J Trop Med Hyg. 2017 Apr;96(4):826-834. doi: 10.4269/ajtmh.16-0599. Epub 2017 Jan 23.
- 8.1.124 Nagu TJ, Aboud S, Mwiru R, Matee MI, Rao M, Fawzi WW, Zumla A, Maeurer MJ, **Mugusi F**. *Tuberculosis associated mortality in a prospective cohort in Sub Saharan Africa: Association with HIV and antiretroviral therapy.* Int J Infect Dis. 2017 Mar;56:39-44. doi: 10.1016/j.ijid.2017.01.023. Epub 2017 Feb 1. Review.
- 8.1.125 Sudfeld CR, **Mugusi F**, Aboud S, Nagu TJ, Wang M, Fawzi WW. *Efficacy of vitamin D₃ supplementation in reducing incidence of pulmonary tuberculosis and mortality among HIV-infected Tanzanian adults initiating antiretroviral therapy: study protocol for a randomized controlled trial.* Trials. 2017 Feb 10;18(1):66. doi: 10.1186/s13063-017-1819-5.
- 8.1.126 Nagu T, Aboud S, Rao M, Matee M, Axelsson R, Valentini D, **Mugusi F**, Zumla A, Maeurer M. *Strong anti-Epstein Barr virus (EBV) or cytomegalovirus (CMV) cellular immune responses predict survival and a favourable response to anti-tuberculosis therapy.* Int J Infect Dis. 2017 Mar;56:136-139. doi: 10.1016/j.ijid.2017.01.022. Epub 2017 Feb 11. Review.
- 8.1.127 Siril HN, Kaaya SF, Smith Fawzi MK, Mtisi E, Somba M, Kilewo J, **Mugusi F**, Minja A, Kaale A, Todd J. *CLINICAL outcomes and loss to follow-up among people living with HIV participating in the NAMWEZA intervention in Dar es Salaam, Tanzania: a prospective cohort study.* AIDS Res Ther. 2017 Mar 28;14(1):18. doi: 10.1186/s12981-017-0145-z.
- 8.1.128 Svärd J, Mugusi S, Mloka D, Neogi U, Meini G, **Mugusi F**, Incardona F, Zazzi M, Sönnnerborg A. *Drug resistance testing through remote genotyping and predicted treatment options in human immunodeficiency virus type 1 infected Tanzanian subjects failing first or second line antiretroviral therapy.* PLoS One. 2017 Jun 5;12(6):e0178942. doi: 10.1371/journal.pone.0178942. eCollection 2017.
- 8.1.129 Mwiru RS, Nagu TJ, Kaduri P, Fawzi W, **Mugusi F**. *Prevalence and factors associated with alcohol drinking among HIV and tuberculosis co-infected patients in Dar es Salaam, Tanzania.* AIDS Care. 2018 Feb;30(2):173-177. doi: 10.1080/09540121.2017.1344183. Epub 2017 Jul 3.
- 8.1.130 Shayo GA, Chitama D, Moshiro C, Aboud S, Bakari M, **Mugusi F**. *Cost-Effectiveness of isoniazid preventive therapy among HIV-infected patients clinically screened for latent tuberculosis infection in Dar es Salaam, Tanzania: A prospective Cohort study.* BMC Public Health. 2017 Jul 19;18(1):35. doi: 10.1186/s12889-017-4597-9. Erratum in: [BMC Public Health. 2017 Sep 22;17 \(1\):736.](https://doi.org/10.1186/s12889-017-4597-9)
- 8.1.131 Hawkins C, Christian B, Fabian E, Macha I, Gawile C, Mpangala S, Ulenga N, Thio CL, Ammerman LR, **Mugusi F**, Fawzi W, Green R, Murphy R. *Brief Report: HIV/HBV Coinfection is a Significant Risk Factor for Liver Fibrosis in Tanzanian HIV-Infected Adults.* J Acquir Immune Defic Syndr. 2017 Nov 1;76(3):298-302. doi: 10.1097/QAI.0000000000001491.

- 8.1.132 Nagu T, Ray R, Munseri P, Moshiro C, Shayo G, Kazema R, **Mugusi F**, Pallangyo K. [Tuberculosis among the elderly in Tanzania: disease presentation and initial response to treatment.](#) Int J Tuberc Lung Dis. 2017 Dec 1;21(12):1251-1257. doi: 10.5588/ijtld.17.0161.
- 8.1.133 Nagu TJ, Aboud S, Matee MI, Maeurer MJ, Fawzi WW, **Mugusi F**. [Effects of isoniazid resistance on TB treatment outcomes under programmatic conditions in a high-TB and -HIV setting: a prospective multicentre study-authors' response.](#) J Antimicrob Chemother. 2018 Jun 1;73(6):1735. doi: 10.1093/jac/dky104.
- 8.1.134 Mugusi S, Ngaimisi E, Janabi M, **Mugusi F**, Minzi O, Aris E, Bakari M, Bertilsson L, Burhenne J, Sandstrom E, Aklillu E. [Neuropsychiatric manifestations among HIV-1 infected African patients receiving efavirenz-based cART with or without tuberculosis treatment containing rifampicin.](#) Eur J Clin Pharmacol. 2018 Jul 12. doi: 10.1007/s00228-018-2499-0. [Epub ahead of print]
- 8.1.135 Pitchik HO, Fawzi WW, McCoy DC, Darling AM, Abioye AI, Tesha F, Smith ER, **Mugusi F**, Sudfeld CR. [Prenatal nutrition, stimulation, and exposure to punishment are associated with early child motor, cognitive, language, and socioemotional development in Dar es Salaam, Tanzania.](#) Child Care Health Dev. 2018 Nov;44(6):841-849. doi: 10.1111/cch.12605. Epub 2018 Aug 19.
- 8.1.136 Kitabi EN, Minzi OMS, Mugusi S, Sasi P, Janabi M, **Mugusi F**, Bertilsson L, Burhenne J, Aklillu E. [Long-term efavirenz pharmacokinetics is comparable between Tanzanian HIV and HIV/Tuberculosis patients with the same CYP2B6*6 genotype.](#) Sci Rep. 2018 Nov 5;8(1):16316. doi: 10.1038/s41598-018-34674-3.
- 8.1.137 Christian B, Fabian E, Macha I, Mpangala S, Thio CL, Ulenga N, **Mugusi F**, Ammerman LR, Fawzi W, Green R, Murphy R, Hawkins C. [Hepatitis B virus coinfection is associated with high early mortality in HIV-infected Tanzanians on antiretroviral therapy.](#) AIDS. 2019 Mar 1;33(3):465-473. doi: 10.1097/QAD.0000000000002073.
- 8.1.138 Siril H, Kaale A, Minja A, Kilewo J, **Mugusi F**, Sunguya B, Todd J, Kaaya S, Smith Fawzi MC. [Improving communication about HIV prevention among people living with HIV and their at-risk social network members in Dar es Salaam, Tanzania.](#) Cogent Med. 2019;6. pii: 1600230. doi: 10.1080/2331205X.2019.1600230. Epub 2019 Mar 31.
- 8.1.139 Aibana O, Huang CC, Aboud S, Arnedo-Pena A, Becerra MC, Bellido-Blasco JB, Bhosale R, Calderon R, Chiang S, Contreras C, Davaasambuu G, Fawzi WW, Franke MF, Galea JT, Garcia-Ferrer D, Gil-Fortuño M, Gomila-Sard B, Gupta A, Gupte N, Hussain R, Iborra-Millet J, Iqbal NT, Juan-Cerdán JV, Kinikar A, Lecca L, Mave V, Meseguer-Ferrer N, Montepiedra G, **Mugusi FM**, Owolabi OA, Parsonnet J, Roach-Poblete F, Romeu-García MA, Spector SA, Sudfeld CR, Tenforde MW, Togun TO, Yataco R, Zhang Z, Murray MB. [Vitamin D status and risk of incident tuberculosis disease: A nested case-control study, systematic review, and individual-participant data meta-analysis.](#) PLoS Med. 2019 Sep 11;16(9):e1002907. doi: 10.1371/journal.pmed.1002907.
- 8.1.140 Noor RA, Abioye AI, Darling AM, Hertzmark E, Aboud S, Premji Z, **Mugusi FM**, Duggan C, Sudfeld CR, Spiegelman D, Fawzi W. [Prenatal Zinc and Vitamin A Reduce the Benefit of Iron on Maternal Hematologic and Micronutrient Status at Delivery in Tanzania.](#) J Nutr. 2019 Oct 16. pii: nxz242. doi: 10.1093/jn/nxz242. [Epub ahead of print]
- 8.1.141 Mugusi SF, Sando D, Mugusi FM, Hawkins C, Aboud S, Fawzi WW, Sudfeld CR. [Risk Factors for Alanine Aminotransferase Elevations in a Prospective Cohort of HIV-Infected Tanzanian Adults Initiating Antiretroviral Therapy.](#) J Int Assoc Provid AIDS Care. 2019 Jan-Dec;18:2325958219884939.
- 8.1.142 Kalinjuma AV, Darling AM, Sudfeld CR, **Mugusi F**, Wright J, Abioye AI, Aboud S, McDonald C, Hertzmark E, Kain KC, Fawzi WW. [Vitamin D Concentration during Early Pregnancy and Adverse Outcomes among HIV-Negative Women in Dar-es-Salaam, Tanzania: A Case-Control Study.](#) Nutrients. 2019 Dec 2;11(12). pii: E2906. doi: 10.3390/nu11122906.

- 8.1.143 Passarelli S, Bromage S, Darling AM, Wang JS, Aboud S, **Mugusi F**, Griffiths JK, Fawzi W. [*Aflatoxin exposure in utero and birth and growth outcomes in Tanzania.*](#) *Matern Child Nutr.* 2019 Dec 11:e12917. doi: 10.1111/mcn.12917. [Epub ahead of print]
- 8.1.144 Siril H, Smith Fawzi MC, Todd J, Somba M, Kaale A, Minja A, Killewo J, **Mugusi F**, Kaaya SF. [*The value of hope: development and validation of a contextual measure of hope among people living with HIV in urban Tanzania a mixed methods exploratory sequential study.*](#) *BMC Psychol.* 2020 Jan 29;8(1):5. doi: 10.1186/s40359-020-0376-y.PMID: 31996246
- 8.1.145 Noor RA, Abioye AI, Hertzmark E, Darling AM, Aboud S, **Mugusi FM**, Sudfeld CR, Spiegelman D, Fawzi WW. [*Impaired Hematological Status Increases the Risk of Mortality among HIV-Infected Adults Initiating Antiretroviral Therapy in Tanzania.*](#) *J Nutr.* 2020 Sep 1;150(9):2375-2382. doi: 10.1093/jn/nxaa172.PMID: 32621487
- 8.1.146 Sudfeld CR, **Mugusi F**, Muhihi A, Aboud S, Nagu TJ, Ulenga N, Hong B, Wang M, Fawzi WW. [*Efficacy of vitamin D₃ supplementation for the prevention of pulmonary tuberculosis and mortality in HIV: a randomised, double-blind, placebo-controlled trial.*](#) *Lancet HIV.* 2020 Jul;7(7):e463-e471. doi: 10.1016/S2352-3018(20)30108-9.
- 8.1.147 Kalinjuma AV, Darling AM, **Mugusi FM**, Abioye AI, Okumu FO, Aboud S, Masanja H, Hamer DH, Hertzmark E, Fawzi WW. [*Factors associated with sub-microscopic placental malaria and its association with adverse pregnancy outcomes among HIV-negative women in Dar es Salaam, Tanzania: a cohort study.*](#) *BMC Infect Dis.* 2020 Oct 27;20(1):796. doi: 10.1186/s12879-020-05521-6.
- 8.1.148 Regan M, Muhihi A, Nagu T, Aboud S, Ulenga N, Kaaya S, Fawzi MCS, Yousafzai AK, **Mugusi F**, Fawzi WW, Saxena S, Koenen K, Sudfeld CR. [*Depression and Viral Suppression Among Adults Living with HIV in Tanzania.*](#) *AIDS Behav.* 2021 Feb 17. doi: 10.1007/s10461-021-03187-y. Online ahead of print.
- 8.1.149 Nagu TJ, Mboka MA, Nkrumbih ZF, Shayo G, Mizinduko MM, Komba EV, Maeurer M, Zumla A, **Mugusi F**. [*Clinical and Imaging Features of Adults with Recurrent Pulmonary Tuberculosis - A Prospective Case-Controlled Study.*](#) *Int J Infect Dis.* 2021 Mar 11:S1201-9712(21)00084-9. doi: 10.1016/j.ijid.2021.01.071. Online ahead of print.
- 8.1.150 Zumla A, Chakaya J, Khan M, Fatima R, Wejse C, Al-Abri S, Fox GJ, Nachega J, Kapata N, Knipper M, Orcutt M, Goscé L, Abubakar I, Nagu TJ, **Mugusi F**, Gordon AK, Shanmugam S, Bachmann NL, Lam C, Sintchenko V, Rudolf F, Amanullah F, Kock R, Haider N, Lipman M, King M, Maeurer M, Goletti D, Petrone L, Yaqoob A, Tiberi S, Ditiu L, Sahu S, Marais B, Issayeva AM, Petersen E. [*World Tuberculosis Day 2021 Theme - 'The Clock is Ticking' - and the world is running out of time to deliver the United Nations General Assembly commitments to End TB due to the COVID-19 pandemic.*](#) *Int J Infect Dis.* 2021 Mar 18:S1201-9712(21)00264-2. doi: 10.1016/j.ijid.2021.03.046. Online ahead of print.
- 8.1.151 Haruna T, Somba M, Siril H, Mahiti G, August F, Minja A, Urassa D, Tarimo E, **Mugusi F**. [*Factors hindering integration of care for non-communicable diseases within HIV care services in Dar es Salaam, Tanzania: The perspectives of health workers and people living with HIV.*](#) *PLoS One.* 2021 Aug 12;16(8):e0254436. doi: 10.1371/journal.pone.0254436. eCollection 2021.PMID: 34383765
- 8.1.152 Mwakyandile T, Shayo G, Mugusi S, Sunguya B, Sasi P, Moshiro C, **Mugusi F**, Lyamuya E. [*Effect of aspirin on HIV disease progression among HIV-infected individuals initiating antiretroviral therapy: study protocol for a randomised controlled trial.*](#) *BMJ Open.* 2021 Nov 2;11(11):e049330. doi: 10.1136/bmjopen-2021-049330.PMID: 34728445
- 8.1.153 Amour MA, Shayo GA, Matee MM, Machumi L, Rugarabamu A, Aris EA, Sunguya BF, **Mugusi FM**. [*Predictors of mortality among adolescents and young adults living with HIV on antiretroviral therapy in Dar es Salaam, Tanzania: a retrospective cohort study.*](#) *J Int AIDS Soc.* 2022 Feb;25(2):e25886. doi: 10.1002/jia2.25886.PMID: 35192739
- 8.1.154 Muhihi A, Fawzi WW, Aboud S, Nagu TJ, Ulenga N, Wang M, **Mugusi F**, Sudfeld CR. [*Cholecalciferol Supplementation Does Not Affect the Risk of HIV Progression, Viral Suppression, Comorbidities, Weight*](#)

Loss, and Depression among Tanzanian Adults Initiating Antiretroviral Therapy: Secondary Outcomes of a Randomized Trial. J Nutr. 2022 Aug 9;152(8):1983-1990. doi: 10.1093/jn/nxac096. PMID: 35460249; PMCID: PMC9361733.

- 8.1.155 Mutagonda RF, Siril H, Kaaya S, Amborose T, Haruna T, Mhalu A, Urassa D, Mtisi E, Moshiro C, Tarimo E, Mahiti GR, Minja A, Somba M, August F, **Mugusi F**. *Prevalence and determinants of non-communicable diseases including depression among HIV patients on antiretroviral therapy in Dar es Salaam, Tanzania.* Trop Med Int Health. 2022 Aug;27(8):742-751. doi: 10.1111/tmi.13790. Epub 2022 Jun 21. PMID: 35687423.
- 8.1.156 Abioye AI, Sudfeld CR, Hughes MD, Aboud S, Muhihi A, Ulenga N, Nagu TJ, Wang M, **Mugusi F**, Fawzi WW. *Iron status among HIV-infected adults during the first year of antiretroviral therapy in Tanzania.* HIV Med. 2023 Apr;24(4):398-410. doi: 10.1111/hiv.13396. Epub 2022 Sep 8. PMID: 36075691; PMCID: PMC9992443.
- 8.1.157 Shayo GA, Omary A, **Mugusi F**. *Inhaler Non-Adherence, Associated Factors and Asthma Control among Asthma Patients in a Tertiary Level Hospital in Tanzania.* East Afr Health Res J. 2022;6(1):78-85. doi: 10.24248/eahrj.v6i1.682. PMID: 36424951; PMCID: PMC9639640.
- 8.1.158 Abioye AI, Hughes MD, Sudfeld CR, Noor RA, Isanaka S, Lukmanji Z, **Mugusi F**, Fawzi WW. *Dietary Iron Intake and HIV-Related Outcomes Among Adults Initiating Antiretroviral Therapy in Tanzania.* J Acquir Immune Defic Syndr. 2023 Sep 1;94(1):57-65. doi: 10.1097/QAI.0000000000003221. PMID: 37199401; PMCID: PMC10524611.
- 8.1.159 Mwakyandile TM, Shayo GA, Sasi PG, **Mugusi FM**, Barabona G, Ueno T, Lyamuya EF. *Hypertension and traditional risk factors for cardiovascular diseases among treatment naïve HIV-infected adults initiating antiretroviral therapy in Urban Tanzania.* BMC Cardiovasc Disord. 2023 Jun 20;23(1):309. doi: 10.1186/s12872-023-03332-6. PMID: 37340390; PMCID: PMC10283332.
- 8.1.160 Wu EL, Christian B, Rivera AS, Fabian E, Macha I, Aris E, Mpangala S, Ulenga N, **Mugusi F**, Murphy RL, Hawkins CA. *Renal outcomes in adults with HBV, HIV and HBV/HIV coinfection after 3 years of antiviral therapy in urban Tanzania.* J Antimicrob Chemother. 2024 Jan 3;79(1):36-45. doi: 10.1093/jac/dkad341. PMID: 37935111.
- 8.1.161 Perumal N, Wang D, Darling AM, Liu E, Wang M, Ahmed T, Christian P, Dewey KG, Kac G, Kennedy SH, Subramoney V, Briggs B, Fawzi WW; GWG Pooling Project Consortium. *Suboptimal gestational weight gain and neonatal outcomes in low and middle income countries: individual participant data meta-analysis.* BMJ. 2023 Sep 21;382:e072249. doi: 10.1136/bmj-2022-072249. PMID: 37734757; PMCID: PMC10512803.
- 8.1.162 Mwakyandile TM, Shayo GA, Sasi PG, **Mugusi FM**, Barabona G, Ueno T, Lyamuya EF. *Hypertension and immune activation in antiretroviral therapy naïve people living with human immunodeficiency virus.* BMC Infect Dis. 2024 Jun 24;24(1):630. doi: 10.1186/s12879-024-09548-x. PMID: 38914935; PMCID: PMC11197211.
- 8.1.163 Mugusi SF, Sando DM, **Mugusi FM**, Hawkins CA, Aboud SS, Fawzi WW, Sudfeld CR. *Effect of high-dose multivitamin supplements on alanine aminotransferase elevations among adults living with HIV on antiretroviral therapy in Tanzania.* BMC Nutr. 2024 Sep 30;10(1):129. doi: 10.1186/s40795-024-00937-8. PMID: 39350300; PMCID: PMC11440910.
- 8.1.164 Chillo P, Muhihi A, Danaei G, Bakari M, Kwesigabo G, Njelekela M, Ulenga N, Fawzi WW, **Mugusi F**, Sudfeld CR. *Sociodemographic and Clinical Predictors of Weight Gain During the First Year of Antiretroviral Therapy among Adults Living With HIV in Urban Tanzania.* J Int Assoc Provid AIDS Care. 2024 Jan-Dec;23:23259582241281010. doi: 10.1177/23259582241281010. PMID: 39360426; PMCID: PMC11462572.

8.2 THESIS/DISSERTATIONS

- 8.2.1 "Diabetes Mellitus and Addison's Disease: A study of their Association with Pulmonary Tuberculosis."

8.3 PUBLISHED ABSTRACTS

- 8.3.1 Mugusi F. Swai ABM McLarty DG *Diabetes in Patients with Pulmonary Tuberculosis* XIIth International Congress for Tropical Medicine and malaria 1988 Amsterdam, The Netherlands.
- 8.3.2 McLarty D Mugusi F Swai AB. *The problem of insulin availability in sub-Saharan Africa.* 3RD Congress of the Pan-African Diabetes Study group May 1993 Tunis Tunisia
- 8.3.3 Mugusi F. Rashid S Whiting D Unwin D Alberti KGMM Tanzania Essential Non-communicable Diseases Health Intervention Project The 8th International Congress of the World Federation of Public Health Associations Arusha Tanzania Oct 1997
- 8.3.4 Whiting D Mugusi F. Rashid S Unwin D Alberti KGMM *The lights are on but Nobody's home: characteristics of non-responders in a household survey* The 8th International Congress of the World Federation of Public Health Associations Arusha Tanzania Oct 1997
- 8.3.5 Rashid S Mugusi F Whiting D Unwin D Alberti KGMM Prevalence of risk factors for non-communicable diseases: a community-based study in Dar. The 8th International Congress of the World Federation of Public Health Associations Arusha Tanzania Oct 1997
- 8.3.6 Unwin D Rashid S Mugusi F. Whiting D Alberti KGMM The health transition in Tanzania: a high prevalence of obesity and NIDDM in a middle income area of Dar es Salaam Tanzania The 8th International Congress of the World Federation of Public Health Associations Arusha Tanzania Oct 1997
- 8.3.7 K Wikblad, B. Smide, A Bengstrom, J Kessi, F Mugusi *Outcome of clinical foot examination in relation to self perceived health and glycemc control in a group of urban Tanzanian diabetic patients* 6th Pan African Diabetes Study Group. Dar Es Salaam Tanzania. May 1998
- 8.3.8 Josiah R, Mugusi F. Lutale J, Seif R, Abbasi Z, Moshi M, Kasebele Swai ABM Traditional Tanzanian foods in the management of diabetes 6th Pan-African Diabetes Study Group. Dar Es Salaam Tanzania. May 1998
- 8.3.9 K Wikblad, B Smide, L Wahren, F Mugusi., JO Jeppsen Immediate assessment of HbA1c under field conditions in Tanzania 6th Pan African Diabetes Study Group. Dar Es Salaam Tanzania May 1998
- 8.3.10 Unwin N, Mugusi F. Kissima J, Rashid S, Edwards R, Alberti KGMM Differences in diabetes prevalence and the role of obesity between an urban and rural area of Tanzania 6th Pan African Diabetes Study Group. Dar Es Salaam Tanzania. May 1998
- 8.3.11 Kessi J, Mugusi F. Causes of admissions in patients with diabetes as seen at Muhimbili Medical Centre 6th Pan African Diabetes Study Group. Dar Es Salaam Tanzania. May 1998
- 8.3.12 Josiah R, Mugusi F. Moshi A, Chale S, Bakari M, Eric A, Magao P, Batenga F, Patrick M, Pallangyo N, Sandstrom E, Mhalu F, Biberfeld G, Pallangyo K. **Non response to invitation for voluntary counselling and testing for HIV: experience from a cohort of police officers in Dar es Salaam** *National Multi-sectoral conference in Tanzania. Arusha Tanzania December 1998*
- 8.3.13 Bakari M, Josiah R, Mugusi F. Moshi A, Chale S, Eric A, Magao P, Batenga F, Patrick M, Pallangyo N, Sandstrom E, Mhalu F, Biberfeld G, Pallangyo K **Factors associated with prevalence and incidence of**

HIV-1 in a cohort of police officers in Dar es Salaam. National Multi-sectoral conference in Tanzania. Arusha Tanzania December 1998

- 8.3.14 **Rusizoka O**, Mugusi F. *Vitamin A in HIV infected individuals and in patients with Pulmonary Tuberculosis*. National Multi-sectoral conference in Tanzania. Arusha Tanzania December 1998
- 8.3.15 **Mugusi F** R Josiah, A Moshi, S Chale, M Bakari, E Aris, P Magao, N Pallangyo, E Sandstrom, F Mhalu, G Biberfeld, K Pallangyo *Pulmonary Tuberculosis and abnormal radiographic appearances in a cohort of police officers being prepared for a HIV vaccine trial in Dar es Salaam. Tanzania XIII international AIDS Conference Durban South Africa July 2000*
- 8.3.16 S. Chale M Bakari R Josiah, A Moshi, S Chale, , E Aris, P Magao, **Mugusi F** N Pallangyo, E Sandstrom, F Mhalu, G Biberfeld, K Pallangyo *Field lessons in preparing a cohort for HIV vaccine trials; experience with police officers in Dar es salaam, Tanzania. XIII international AIDS Conference Durban South Africa July 2000*
- 8.3.17 F Mugusi M Bakari M Janabi S. Chale, R. Josiah A Moshi P. Magao E. Sandstrom, K Pallangyo *Special clinics for the management of patients infected with the human immunodeficiency virus in a high prevalence region of Africa: the Tanzanian experience 2nd Multisectoral Conference on AIDS in Tanzania Dec 2002*
- 8.3.18 F Mugusi **Virtues of “opt-out” testing as the point of entry to expanded access to ART in developing countries**. European AIDS Conference Glasgow November 2003
- 8.3.19 F. Mugusi *Critical systems in HIV/AIDS care, treatment and support Arusha Conference on care treatment and support in Tanzania December 2004.*

9. REPORTS (CONSULTANT/TECHNICAL)

- 9.1 Development of guidelines for the care and treatment of HIV /AIDS in Tanzania 2001
- 9.2 Consultancy report to the United Republic of Tanzania Ministry of Health on Health Sector HIV/AIDS strategy for Tanzania 2003 to 2006.
- 9.3 Report on The Commonwealth Regional Health Community Secretariat for East Central and southern Africa Workshop report of the Regional Workshop on non-Communicable diseases in ECSA October 2003
- 9.4 Consultancy report to the USAID on Tanzania HIV/AIDS Sector Assessment and strategy recommendations 2003
- 9.5 Review and update of guidelines for the care and treatment of HIV /AIDS in Tanzania 2004
- 9.6 Consultancy report on the Arusha Care and Treatment conference of Dec. 2003-2004
- 9.7 Development of training curriculum for health care workers for the management of HIV/AIDS in Tanzania 2004
- 9.8 Consultancy Report on the 3rd Multi Sectoral AIDS conference in Arusha December 2006-2007
- 9.9 Development of the 3rd edition of guidelines for the care and treatment of HIV /AIDS in Tanzania 2008

TEACHING AND STUDENT SUPERVISION RESPONSIBILITIES

10.1 Undergraduates

- 10.1.1 Semester 1 – Professionalism
Semester 5&6 – Junior Clerkship – Lectures and bedside teaching
Semester 9&10 – senior clerkship – Seminars and bedside teaching
Supervision of elective projects

10.2 Postgraduates

- 10.2.1 Semester 2-6 – Seminars, bedside teachings, journal club and case presentations.
- 10.2.2 Masters of Science in Pulmonology – Seminars, case presentations and practical skills
- 10.2.3 Supervising postgraduate dissertations

10.2.2.1 Completed Masters and PhD Dissertations/Theses

Masters

- 10.2.2.1.1 Patients presenting with Pulmonary Tuberculosis admitted to the Medical wards of Muhimbili Medical Centre, Dar es Salaam Tanzania by Dr Olivia Rusizoka (MD) 2001
- 10.2.2.1.2 Scabies and other cutaneous manifestations among HIV infected hospitalized adults at Muhimbili Medical Centre Dar es salaam Tanzania by Abdallah Sasi (MD) 2001
- 10.2.2.1.3 Clinical characteristics of smear negative but culture positive Pulmonary Tuberculosis and their association with HIV. By Dr Hedwiga Swai (MD) 2002
- 10.2.2.1.4 Haematological characteristics of HIV positive patients in relation to their CD4 cell count at Muhimbili National Hospital by Dr M Lyimo (MD) 2003
- 10.2.2.1.5 Human Immunodeficiency Virus Infection and Diabetes Mellitus. Their co existence among patients in Dar es salaam by Dr Tatizo Waane (MD) 2004
- 10.2.2.1.6 The prevalence of HIV and Tuberculosis among patients attending HIV clinic at Muhimbili National Hospital Dar es Salaam. Dr Mwitwa 2006
- 10.2.2.1.7 The prevalence and Factors associated with Asthma in Infants and under 5s in Ilala Municipality Dar es Salaam Dr Shoo 2006
- 10.2.2.1.8 The prevalence of Asthma among Secondary School pupils in urban Dar es Salaam and rural Bagamoyo district Dr. Shimwela 2006
- 10.2.2.1.9 The magnitude and factors related to diabetic foot among patients attending diabetic clinics in Dar es salaam Tanzania Dr Faraja 2008
- 10.2.2.1.10 The prevalence and factors associated with cting of Obesity and obesity related diseases in Kinondoni District Dar es Salaam Tanzania Dr Shayo 2008
- 10.2.2.1.11 Clinical events and incidence of Immune reconstitution Inflammatory Syndrome among patients on ART attending the care and treatment clinic at Mbeya referral Hospital Dr Masanja 2008
- 10.2.2.1.12 Prevalence of hypertension, its control and other cardiovascular risk factors among diabetic patients at Muhimbili National Hospital. Julius Chacha Mwitwa 2010
- 10.2.2.1.13 Multi-drug resistant tuberculosis in Tanzania: Initial description of patients started on second line anti-tuberculous drugs at Kibong'oto Hospital. Mboneko 2012
- 10.2.2.1.14 HIV disclosure among paediatric patients in Dar es Salaam. Mary charles 2012
- 10.2.2.1.15 Lilian Minja
- 10.2.2.1.16 Anaemia and associated risk factors among patients with human Immunodeficiency Virus attending Muhimbili National Hospital. Avelina Mgasia 2013
- 10.2.2.1.17 Komba
- 10.2.2.1.18 Impaired lung functions among patients with Pulmonary Tuberculosis in Dar es salaam - a cross-sectional stud. Mohamed Manji 2015
- 10.2.2.1.19 Pleural effusion and clinical characteristics of patients admitted in the pulmonary unit at Muhimbili National Hospital – Pauline Chale 2015
- 10.2.2.1.20 The prevalence of Pulmonary Tuberculosis among diabetic patients attending diabetic clinics in Dar es Salaam – Arwa 2015
- 10.2.2.1.21 Impaired lung functions among patients with Pulmonary Tuberculosis in Dar es salaam - a cross-sectional study”. Mohamed Manji, M.D 2016

- 10.2.2.1.22 Assessment of metered dose inhaler use technique among asthmatic patients at MNH, Dar es Salaam - Mwanaada Kilima– 2018
- 10.2.2.1.23 Prevalence of abnormal pulmonary function and its associated factors among chronic kidney disease patients attending nephrology unit at Muhimbili National Hospital - Humphrey Mwombeki - 2018

PhD

- i. Boniface Idindili – PhD thesis titled “*Challenges of continuum of HIV/AIDS care and treatment in Tanzania: the effects of parasites co-infections, HIV clinical manifestations, and adherence to antiretroviral therapy.*”
- ii. Dr Grace Shayo – School of Medicine
“*Isoniazid preventive therapy (IPT) among HIV infected patients in Dar es Salaam: Cost effectiveness, adherence and outcomes.*”
- iii. Dr Tumaini Nagu – School of Medicine
“*Improving treatment outcomes for patients with pulmonary tuberculosis in Tanzania: Host and Pathogen factors*” – 2017
- iv. Mr Deus Buma – School of Pharmacy - 2018
“*The effect of modified stavudine dose in antiretroviral therapy on clinical, immunological and virological outcomes as well as the effect of HIV status disclosure on adherence, immunological and virological outcomes*”

11.0 INTERNATIONAL CONFERENCES ATTENDED

- 11.1 XIIth International Congress for Tropical Medicine and malaria 1988 Amsterdam, The Netherlands.
- 11.2 3RD Congress of the Pan-African Diabetes Study group May 1993 Tunis Tunisia
- 11.3 The 8th International Congress of the World Federation of Public Health Associations Arusha Tanzania Oct 1997
- 11.4 6th Pan African Diabetes Study Group. Dar Es Salaam Tanzania. May 1998
- 11.5 **National Multi-sectoral conference in Tanzania. Arusha Tanzania December 1998**
- 11.6 XIII international AIDS Conference Durban South Africa July 2000
- 11.7 **2nd Multisectoral Conference on AIDS in Tanzania Dec 2002**
- 11.8 European AIDS Conference Glasgow November 2003
- 11.9 **Arusha Conference on care treatment and support in Tanzania December 2004.**
- 11.10 3rd National Multisectoral AIDS conference in Arusha, Tanzania. Dec 2006
- 11.11 5th EDCTP Forum, Arusha, Tanzania (12-14 October 2009)

12. FELLOWSHIPS/INTERNATIONAL WORKSHOPS/COURSES ATTENDED

- 12.1 Two weeks course: "European Course in Tropical Epidemiology 1992 Prague, Czechoslovakia.
- 12.2 Two weeks Course “Diabetes Epidemiology” Cambridge UK 1996
- 12.3 One month's course on “Clinical Research Methodology” 1996 University of California Berkeley. US 1996
- 12.4 Summer course in Epidemiology and Biostatistics at Harvard School of Public Health. Boston USA 2001

13. WORKSHOPS/CONFERENCES ORGANIZED

- 13.1 National Multi-sectoral conference in Tanzania. Arusha Tanzania December 1998
- 13.2 2nd Multisectoral Conference on AIDS in Tanzania Dec 2002
- 13.3 3rd National Multisectoral AIDS conference in Arusha, Tanzania. Dec 2006

14. CURRENT RESEARCH PROGRAMMES

- 14.1 The Center for Innovation in Point-of-Care Technologies for HIV/AIDS at Northwestern University (C-THAN)
- 14.2 Building capacity for patient centered outcomes research to improve the quality and impact of HIV care in Tanzania
- 14.3 HIV Implementation Science (HIS) training program



.....
Signature
 October 2024

Prof Ferdinand Mugusi
Name

Professor
Title

Academic Title: Professor of Medicine