

CURRICULUM VITAE

ELIZABETH ALLAYI MALECHE OBIMBO

M.B.Ch.B, M.Med. (Paediatrics)

M.P.H (Epidemiology), C.Pulm. (Paed)

PERSONAL BIODATA

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EDUCATIONAL BACKGROUND**Professional Training**

1984-1989	M.B.Ch.B	Medicine	University of Nairobi
1992-1996	M.Med	Pediatrics	University of Nairobi
1999-2002	M.P.H.	Epidemiology	University of Washington
2011	C.Pulm.	Paediatric Pulmonology	University of Cape Town

Other Short Professional Courses

1996 May-Jun Lactation Management. Wellstart International, San Diego, USA
2001 Sep Good Clinical Practices. Nairobi. AAG Incorporated.
2002 Jul-Aug Principles of STD/HIV Research. Univ of Washington, Centre for AIDS Research, Seattle.
2003 Feb The use of antiretroviral therapy in resource-limited settings. Mildmay International. .
2004 Feb International Course on Paediatric Pulmonology. CIPP. Cartagena, Colombia
2006 July International Course on Paediatric Pulmonology. CIPP. Montreal, Canada
2007 Jun–2008 Jan Human Research Course – Biomedical and Social/Behavioural. (online) CITI Collaborative Institutional Training Initiative
2005 Feb Comprehensive Management of Paediatric HIV; National AIDS Control Program, Ministry of Health, Kenya. Panafric Hotel, Nairobi, Kenya.
2009 Jun Refresher Course on Obstructive Airways Diseases, Chest Research Foundation, Nairobi.
2010 Oct International Child TB Training Conference. Stellenbosch University, Stellenbosch, S Africa
2011 May Intensive Clinical Research Methods Workshop, Stellenbosch South Africa.
2011 Aug Lung Function and Exercise Physiology Course. The Lung Institute, Univ of Cape Town
2012 Jan Allergy and Asthma Course. Allergy Society of Kenya & International Asthma Services, Nairobi.
2013 Sept National Advanced HIV Clinical Course – Trainer of Trainers Course. PACE Project, University of Nairobi & University of Maryland, Nairobi.

PROFESSIONAL WORK EXPERIENCE

1989-1990 Medical Officer-Intern, Ministry of Health, deployed at Kenyatta National Hospital, Kenya
1990-1991 Medical Officer, Ministry of Health, deployed at Mathare Hospital
1992-1996 Assistant lecturer in the Department of Pediatrics at the University of Nairobi, Kenya

1992-1996	Registrar in the Division of Pediatrics at Kenyatta National Hospital, Nairobi
1996-1999	Senior House Officer in the Division of Pediatrics at Kenyatta National Hospital, Nairobi.
1996-2005	Lecturer, in the Department of Pediatrics at the University of Nairobi & Consultant Pediatrician, Kenyatta National Hospital
2004 - 2011	Director, AIDS Care and Treatment Services, University of Nairobi
2005 - 2010	Senior Lecturer, in the Department of Pediatrics at the University of Nairobi & Consultant Pediatrician, Kenyatta National Hospital
2010 - 2014	Associate Professor, in the Department of Pediatrics at the University of Nairobi & Consultant Pediatrician, Kenyatta National Hospital
2012 to date	Chairperson, Department of Paediatrics & Child Health, School of Medicine, University of Nairobi.
2014 to date	Professor, in the Department of Pediatrics at the University of Nairobi & Consultant Pediatrician, Kenyatta National Hospital

Other Professional Positions - Local

2003 to date	Director and Consultant Paediatrician, Hurlingham Children's Clinic, Nairobi
2005 to date	Technical advisor "Pediatric HIV Technical Working Group", National AIDS Control Program (NASCO), Ministry of Health, Kenya
2006 – 2011	Head, Paediatric HIV Services, Kenyatta National Hospital
2006 – 2008	Technical advisor, Kenya Paediatric Association HIV Project
2006 to date	Consulting Paediatrician, Gertrudes Children's Hospital
2006 to date	Reviewer, East African Medical Journal
2007 – 2010	Chair of Scientific Committee & Secretary, Kenya Paediatric Association
2009 - 2011	Head, General Paediatric Ward 3B, Kenyatta National Hospital
2009 to date	Consulting Paediatrician, The Nairobi Hospital
2010 to date	Technical Advisor, Paediatric Respiratory Disease, and "TB Technical Working Group", Division of Leprosy TB and Lung Disease, Kenya Ministry of Health.
2011 to date	Secretary, Kenya Paediatric Research Consortium

Other Professional Positions - International

2006 to date	Steering Committee Member, Paediatric AIDS Treatment for Africa (PATA)
2011 to date	Member, World Health Organisation Global TB Program, Child TB core group
2012 to date	Reviewer, International Journal on Tuberculosis and Lung Diseases
2013 to date	Reviewer, Africa Journal of Respiratory Medicine
2013 to date	WHO Consultant Expert Reviewer of National Tuberculosis Programs – Pediatric TB.

Administrative Responsibilities, University of Nairobi

Current:

2009 to date	Coordinator, MMed Part I Respiratory Medicine Lecture Series
	Course Director, of the following short courses:
	"Comprehensive Paediatric HIV Care" (2005 to date)
	"Management of Tuberculosis" (2010 to date)
	"Maternal, Newborn and Child Health" (2011 to date)
2012 to date	Manager, Pediatric Training and Clinical Centre, School of Medicine
2012 to date	Chairperson, Department of Paediatrics & Child Health
2012 to date	Member, University of Nairobi Senate

2013 to date Senate Representative: African Women Studies Centre Board Management.

Previous:

1996 – 1999 Coordinator, Child Health Program, Dept of Paediatrics & Child Health
 2002 – 2006 Coordinator, Undergraduate Program, Dept of Paediatrics & Child Health
 2002 – 2008 Income Generating Activities Manager, Dept of Paediatrics & Child Health
 2007 – 2011 Coordinator, MMed Part I HIV/STI Paediatrics/Clin Medicine Lecture Series
 2010 – 2011 Representative College of Health Sciences to ICT University Management Committee
 2011 – 2012 Coordinator, Post-graduate MMed(Paed) Program, Dept of Paediatrics & Child Health
 2010 – 2011 Senate Representative, Alternate to Dean, School of Medicine.

Professional Body Affiliations

Member, Kenya Paediatric Association
 Member, Kenya Medical Association
 Member, Pan African Thoracic Society (PATS)
 Member, The Kenya Association for the Prevention of Tuberculosis & Lung Disease (KAPTLD)
 Member, International Union against Tuberculosis and Lung Disease (IUATLD)
 Member, Allergy Society of Kenya

SCHOLARSHIPS, HONORS AND AWARDS

1985 Prize for Best undergraduate student in Human Anatomy.
 1988 Tommy Adamson Memorial Prize for best final year student in Obstetrics and Gynaecology.
 1988 Professor Alan Ross prize for best undergraduate student in Pediatrics.
 1989 Rahima Dawood Foundation Prize for best final year student in Surgery, Faculty of Medicine.
 1989 Kenya Medical Association Prize for best final year student in the Faculty of Medicine.
 1996 Best final year Masters of Medicine student in Pediatrics and Child Health.
 1999 Fogarty scholarship through the International AIDS Research Training Program, University of Washington.
 2001 Developing Country Scholarship Award to attend Third Conference on Global Strategies for the Prevention of HIV Transmission from Mothers to Infants.
 2003 International Scholarship Award to present my research at the 3rd International AIDS Society Conference in Paris, France in July 2003.
 2004 Full Scholarship Award to present my research at the XVth International AIDS Conference in Bangkok, Thailand, in July, 2004
 2004-2010 Grant award from Centres for Disease Control, Atlanta, for HIV Treatment for Research Subjects or by Researchers at Kenyatta National Hospital.
 2004-2010 Director of CDC funded AIDS Care & Treatment Program (ACTS) at Kenyatta National Hospital
 2009 – 2010 Vice Chancellor University of Nairobi, Special Recognition for Research Funding Contribution to University of Nairobi. Vice Chancellor's Speech, Graduation Ceremonies 2009, 2010.
 2011 African Paediatric Fellowship Program Scholarship to undergo clinical sub-specialty training in Paediatric Pulmonology at the University of Cape Town

- 2011 Selected to represent Sub-Saharan Africa at Tenth International Congress on Paediatric Pulmonology, Versailles, France June 2011.
- 2012 Selected as World Health Organisation Trainer of Trainers for WHO Child TB training course, trained in Stellenbosch, South Africa, 30th April – 2nd May 2012.
- 2013 The James Angawa Award for Excellence in advancing public health gains in Lung Health in Kenya. – awarded for immense contribution to the development and implementation of public health policies that have impacted on lung health in Kenya. Ceremony: National Lung Conference in Nairobi, Kenya, October 2 – 5th 2013.
- 2013 Recognised Subspecialist in Paediatric Respiratory and Chest Medicine – Kenya Medical Practitioners and Dentists Board.

RESEARCH SUPPORT & GRANTS

Ongoing Research

10/01/2010 – 09/30/2015

Title: PEPFAR Grant award from Centres for Disease Control, USA to University of Nairobi “Partnership for Advanced Care and Treatment – Centres of Excellence” (PACT CoE Project)

Cooperative Agreement 5U2GPS002182 CDC Annual Renewable Grant ranging USD 3.3– 4.3 million/year. (PI: Zipporah Ngumi)

Role: Senior Technical Advisor

Operations Research under above PEPFAR Cooperative agreements:

Title: Use Of A Clinical Care Database To Evaluate HIV Care And Treatment In University Of Nairobi Supported Sites At Kenyatta National Hospital And Beacon Of Hope.

Current ongoing evaluation “TB/HIV Co-Infection among Kenyan children receiving Care at a Referral Hospital in Nairobi, Kenya”.

Role: Principal Investigator – operational research under the above PEPFAR grant

2006 – 2011 Extension of Study 2011 – 2016

Title: Optimizing Paediatric HIV-1 Therapy (Extended, OPHX Study)

Nested Study: Impact of HIV and ART on Neurocognitive Development of HIV-1 Infected Children (INK)

Grant RO1: HD 023412-16 National Institutes of Health (NIH/NIAID) USD 180,000/yr

Role: Co-investigator

2011 – 2016

Title: Urgent versus Post-Stabilization Antiretroviral Therapy in HIV-1 infected Children with Severe Co-Infection (Pediatric Urgent Start of HAART - PUSH) Study

Grant RO1:HD023412-21, Annual Direct Costs USD 290,000.

Role: Co-investigator

2010 – 2015

Title: Strengthening Maternal, Newborn & Child Health Research Training in Kenya (PRIME-K MEPI-Linked Project)

Parent Project “Partnership for Innovative Medical Education in Kenya – PRIME-K

Grant R24: TW008907-01 Annual Direct Costs USD 450,000

Role: Co-Investigator

2010 - 2015

Title: Sustainable Responses to Measles Vaccination among HIV-1-infected Children on HAART (MVS Study) – nested in “HIV-1 and Protective Immunity against Common Childhood Pathogens” Study.

Grant NIH Subcontract Direct Costs USD 33,940 Co-PI Prof R Nduati

Role: Co-investigator

2013 – 2015

Title: HIV Counseling and Testing Children at Home (CATCH) Study

Grant: Pilot UW RRF

Collaborating Institutions: University of Nairobi, Family AIDS Care and Education Services Program (FACES), University of Washington.

Role: Co-investigator

Status: Pilot funding provided by University of Washington. Applied for further funding from National Institutes of Health

2013 – 2014

Title. Airflow Obstruction and Chronic Lung Disease Study in Nairobi.

Funding Agency: University of Washington, Department of Global Health Thomas Francis Jr Global Health Fellowship. International Respiratory and Severe Illness Center (INTERSECT) – Ellison Fellowship.

Role: Co-investigator and Thesis Supervisor of PI Engi Ettia.

Status: Ongoing.

2014 – 2016

Title: Etiology of Pediatric Respiratory Mortality at Kenyatta National Hospital, Nairobi, Kenya

Collaborating Institutions: University of Nairobi, KEMRI, CDC

Role: Co-investigator PI: Henry Njuguna (KEMRI) & Joshua Mott (KEMRI/CDC Kenya)

Status: Submitted to KEMRI and KNH/UON ERC for ethical approval

Funding Agency: United States Centers for Disease Control and Prevention (CDC)

Status: Ongoing

Title: Health Impacts of Household Air Pollution on Women’s Health and Child Survival (HAP Study)

Collaborating Institutions: University of Nairobi and University of Washington

Role: Co-investigator

Status: Ongoing

Grant: National Institutes of Health (RO1HD023412-22S1).

Completed Research/Grant Support

1999 – 2004

HIV-1 specific CTLs and Breastmilk HIV-1 Transmission; Nested sub-studies on HIV-1 infected sub-group of children within this cohort

Grant RO1 HD-23412, NIH

Role: PI of paediatric sub-studies, Co-Investigator of parent study.

09/30/2004 – 12/31/2010

AIDS Care and Treatment Services Program (ACTS).

Cooperative Agreement 024513, CDC grant to University of Nairobi ACTS Program to support “HIV Treatment for Research Subjects or by Researchers in Kenya”.

Annual award 450,000 USD in 2004/5 increasing to 2,800,000 USD by 2009/10.

Role: Program Director

2010-2012

Title: Use of Pooled Blood Samples for Detection of Antiretroviral Treatment Failure in HIV-1 infected Children

Grant R01: TW007632 Fogarty International Center, NIH

Role: Co-investigator

Medical Research Council (MRC) UK, OXTREC Ref No: 52 08.

PIs: Thomas Hank, Walter Jaoko 2009 - 2012

Title: “An open randomized phase I/II study evaluating safety and immunogenicity of a candidate HIV-1 vaccine, MVA.HIVa, administered to healthy infants born to HIV-1-infected mothers” (Pedvac Study)

Role: Co-Investigator

2012 – 2014 Title: CFAR Infrastructure Award for Establishment of Negative Pressure Sputum Collection Room at University of Nairobi / Kenyatta National Hospital.

Grant: University of Washington/Fred Hutchison Cancer Research Centre, Centre for AIDS Research (CFAR) USD 10,000

Role: Principal Investigator

2011-2014. Title: Optimizing Pediatric TB Diagnosis in Kenya (OPT study)

Tulane University Institutional Grant No. 301475-2 USD 15,000

Role: Co-Principal Investigator

Proposed Research / Projects

Title: International Lung Disease Research Training Program

Collaborating Institutions: University of Washington, IARTP & University of Nairobi

Role: Co-investigator & Training Mentor PI: Gustavo Matute-Bello (UW)

Status: Applied to Fogarty International, NIH for funding

Title: Developing Adolescent Strategies for HIV Testing (DASH) Study

Collaborating Institutions: University of Nairobi, Family AIDS Care and Education Services Program (FACES), University of Washington.

Role: Co-investigator

Status: Applied for funding at National Institutes of Health

Title: Prospective study of Lopinavir based ART for HIV Infected children Globally (LIVING study)

Grant No: DNDiPedHIV002

Multi-centre Study: Role: Site PI – Kenyatta National Hospital/University of Nairobi Site

Status: Approved by KNH/UoN ERC. Pre-recruitment preparation

PUBLICATIONS

Published Research Papers in Peer Reviewed Journals

1. Obimbo E, Musoke RN, Were F. Knowledge, attitudes and practices of mothers and knowledge of health workers regarding care of the newborn umbilical cord. *East Afr Med J.* 1999 Aug;76(8):425-9.
2. Lohman BL, Slyker J, Mbori-Ngacha D, Bosire R, Farquhar C, Obimbo E, Otieno P, Nduati R, Rowland-Jones S, John-Stewart G. Prevalence and magnitude of human immunodeficiency virus (HIV) type 1-specific lymphocyte responses in breast milk from HIV-1-seropositive women. *J Infect Dis.* 2003 Dec 1;188(11):1666-74. Epub 2003 Nov 14.
3. Okwara FN, Obimbo EM, Wafula EM, Murila FV. Bacteraemia, urinary tract infection and malaria in hospitalised febrile children in Nairobi: is there an association? *East Afr Med J.* 2004 Jan;81(1):47-51.
4. Obimbo EM, Mbori-Ngacha DA, Ochieng JO, Richardson BA, Otieno PA, Bosire R, Farquhar C, Overbaugh J, John-Stewart GC. Predictors of early mortality in a cohort of human immunodeficiency virus type 1-infected african children. *Pediatr Infect Dis J.* 2004 Jun;23(6):536-43.
5. Farquhar C, Rowland-Jones S, Mbori-Ngacha D, Redman M, Lohman B, Slyker J, Otieno P, Obimbo E, Rostron T, Ochieng J, Oyugi J, Bosire R, John-Stewart G. Human leukocyte antigen (HLA) B*18 and protection against mother-to-child HIV type 1 transmission. *AIDS Res Hum Retroviruses.* 2004 Jul;20(7):692-7.
6. Lohman BL, Slyker JA, Richardson BA, Farquhar C, Mabuka JM, Crudder C, Dong T, Obimbo E, Mbori-Ngacha D, Overbaugh J, Rowland-Jones S, John-Stewart G. Longitudinal assessment of human immunodeficiency virus type 1 (HIV-1)-specific gamma interferon responses during the first year of life in HIV-1-infected infants. *J Virol.* 2005 Jul;79(13):8121-30.
7. Gichuhi C, Obimbo E, Mbori-Ngacha D, Mwatha A, Otieno P, Farquhar C, Wariua G, Wamalwa D, Bosire R, John-Stewart G. Predictors of mortality in HIV-1 exposed uninfected post-neonatal infants at the Kenyatta National Hospital, Nairobi. *East Afr Med J.* 2005 Sep;82(9):447-51.
8. Otieno PA, Brown ER, Mbori-Ngacha DA, Nduati RW, Farquhar C, Obimbo EM, Bosire RK, Emery S, Overbaugh J, Richardson BA, John-Stewart GC. HIV-1 disease progression in breast-feeding and formula-feeding mothers: a prospective 2-year comparison of T cell subsets, HIV-1 RNA levels, and mortality. *J Infect Dis.* 2007 Jan 15;195(2):220-9. Epub 2006 Dec 13.
9. Balkus J, Bosire R, John-Stewart G, Mbori-Ngacha D, Schiff MA, Wamalwa D, Gichuhi C, Obimbo E, Wariua G, Farquhar C. High uptake of postpartum hormonal contraception among HIV-1-seropositive women in Kenya. *Sex Transm Dis.* 2007 Jan;34(1):25-9.
10. Wamalwa DC, Farquhar C, Obimbo EM, Selig S, Mbori-Ngacha DA, Richardson BA, Overbaugh J, Emery S, Wariua G, Gichuhi C, Bosire R, John-Stewart G. Early response to highly active antiretroviral therapy in HIV-1-infected Kenyan children. *J Acquir Immune Defic Syndr.* 2007 Jul 1;45(3):311-7.
11. Walson JL, Brown ER, Otieno PA, Mbori-Ngacha DA, Wariua G, Obimbo EM, Bosire RK, Farquhar C, Wamalwa D, John-Stewart GC. Morbidity among HIV-1-infected mothers in Kenya: prevalence and correlates of illness during 2-year postpartum follow-up. *J Acquir Immune Defic Syndr.* 2007

- Oct 1;46(2):208-15.
12. Slyker JA, Lohman-Payne BL, Rowland-Jones SL, Otieno P, Maleche-Obimbo E, Richardson B, Farquhar C, Mbori-Ngacha D, Emery VC, John-Stewart GC. The detection of cytomegalovirus DNA in maternal plasma is associated with mortality in HIV-1-infected women and their infants. *AIDS*. 2009 Jan 2;23(1):117-24.
 13. John-Stewart GC, Mbori-Ngacha D, Payne BL, Farquhar C, Richardson BA, Emery S, Otieno P, Obimbo E, Dong T, Slyker J, Nduati R, Overbaugh J, Rowland-Jones S. HV-1-specific cytotoxic T lymphocytes and breast milk HIV-1 transmission. *J Infect Dis*. 2009 Mar 15;199(6):889-98.
 14. Inwani I, Mbori-Ngacha D, Nduati R, Obimbo E, Wamalwa D, John-Stewart G, Farquhar C. Performance of clinical algorithms for HIV-1 diagnosis and antiretroviral initiation among HIV-1-exposed children aged less than 18 months in Kenya. *J Acquir Immune Defic Syndr*. 2009 Apr 15;50(5):492-8.
 15. Brown ER, Otieno P, Mbori-Ngacha DA, Farquhar C, Obimbo EM, Nduati R, Overbaugh J, John-Stewart GC. Comparison of CD4 cell count, viral load, and other markers for the prediction of mortality among HIV-1-infected Kenyan pregnant women. *J Infect Dis*. 2009 May 1;199(9):1292-300.
 16. Obimbo EM, Wamalwa D, Richardson B, Mbori-Ngacha D, Overbaugh J, Emery S, Otieno P, Farquhar C, Bosire R, Payne BL, John-Stewart G. Pediatric HIV-1 in Kenya: pattern and correlates of viral load and association with mortality. *J Acquir Immune Defic Syndr*. 2009 Jun 1;51(2):209-15.
 17. Wamalwa DC, Farquhar C, Obimbo EM, Selig S, Mbori-Ngacha DA, Richardson BA, Overbaugh J, Egondi T, Inwani I, John-Stewart G. Medication diaries do not improve outcomes with highly active antiretroviral therapy in Kenyan children: a randomized clinical trial. *J Int AIDS Soc*. 2009 Jun 24;12:8.
 18. Lohman-Payne B, Slyker JA, Richardson BA, Farquhar C, Majiwa M, Maleche-Obimbo E, Mbori-Ngacha D, Overbaugh J, Rowland-Jones S, John-Stewart G. Infants with late breast milk acquisition of HIV-1 generate interferon-gamma responses more rapidly than infants with early peripartum acquisition. *Clin Exp Immunol*. 2009 Jun;156(3):511-7.
 19. Kimutai D, Maleche Obimbo E, Kamenwa R, Murila F. Hypo-phosphataemia in children under five years with kwashiorkor and marasmic kwashiorkor. *East Afr Med J*. 2009 Jul;86(7):330-6.
 20. Slyker JA, Lohman-Payne BL, John-Stewart GC, Maleche-Obimbo E, Emery S, Richardson B, Dong T, Iversen AK, Mbori-Ngacha D, Overbaugh J, Emery VC, Rowland-Jones SL. Acute cytomegalovirus infection in Kenyan HIV-infected infants. *AIDS*. 2009 Oct 23;23(16):2173-81.
 21. Gichuhi S, Bosire R, Mbori-Ngacha D, Gichuhi C, Wamalwa D, Maleche-Obimbo E, Farquhar C, Wariua G, Otieno P, John-Stewart GC. Risk factors for neonatal conjunctivitis in babies of HIV-1 infected mothers. *Ophthalmic Epidemiol*. 2009 Nov-Dec;16(6):337-45.
 22. Wamalwa DC, Obimbo EM, Farquhar C, Richardson BA, Mbori-Ngacha DA, Inwani I, Benki-Nugent S, John-Stewart G. Predictors of mortality in HIV-1 infected children on antiretroviral therapy in Kenya: a prospective cohort. *BMC Pediatr*. 2010 May 18;10:33.
 23. Jonnalagadda S, Lohman Payne B, Brown E, Wamalwa D, Maleche Obimbo E, Majiwa M, Farquhar C, Otieno P, Mbori-Ngacha D, John-Stewart G. Latent tuberculosis detection by interferon γ release assay during pregnancy predicts active tuberculosis and mortality in human immunodeficiency virus type 1-infected women and their children. *J Infect Dis*. 2010 Dec 15;202(12):1826-35. Epub 2010 Nov 10.
 24. Slyker JA, John-Stewart GC, Dong T, Lohman-Payne B, Reilly M, Atzberger A, Taylor S, Maleche-Obimbo E, Mbori-Ngacha D, Rowland-Jones SL. Phenotypic characterization of HIV-specific CD8+ T cells during early and chronic infant HIV-1 infection. *PLoS One*. 2011;6(5):e20375. Epub 2011

May 31.

25. Githinji N, Maleche-Obimbo E, Nderitu M, Wamalwa DC, Mbori-Ngacha D. Utility of total lymphocyte count as a surrogate marker for CD4 counts in HIV-1 infected children in Kenya. *BMC Infect Dis.* 2011 Sep 30;11:259.
26. Diener LC, Slyker JA, Gichuhi C, Tapia KA, Richardson BA, Wamalwa D, Farquhar C, Overbaugh J, Maleche-Obimbo E, John-Stewart G. Performance of the integrated management of childhood illness algorithm for diagnosis of HIV-1 infection among African infants. *AIDS.* 2012 Sep 24;26(15):1935-41.
27. Lohman-Payne B, Slyker JA, Moore S, Maleche-Obimbo E, Wamalwa DC, Richardson BA, Rowland-Jones S, Mbori-Ngacha D, Farquhar C, Overbaugh J, John-Stewart G. Breastmilk cellular HIV-specific interferon γ responses are associated with protection from peripartum HIV transmission. *AIDS.* 2012 Oct 23;26(16):2007-16. doi: 10.1097/QAD.0b013e328359b7e0.
28. Wamalwa D, Lehman DA, Benki-Nugent S, Gasper M, Gichohi R, Maleche-Obimbo E, Farquhar C, John-Stewart G, Overbaugh J. Long-term Virologic Response and Genotypic Resistance Mutations in HIV-1 Infected Kenya Children on Combination Antiretroviral Therapy. *J Acquir Immune Defic Syndr.* 2012 Nov 28. [Epub ahead of print]
29. John-Stewart GC, Wariua G, Beima-Sofie KM, Richardson BA, Farquhar C, Maleche-Obimbo E, Mbori-Ngacha D, Wamalwa D. Prevalence, perceptions and correlates of pediatric HIV disclosure in an HIV treatment program in Kenya. *AIDS Care.* 2012 Dec 20. [Epub ahead of print]
30. Slyker JA, Casper C, Tapia K, Richardson B, Bunts L, Huang ML, Maleche-Obimbo E, Nduati R, John-Stewart G. Clinical and Virologic Manifestations of Primary Epstein-Barr Virus (EBV) Infection in Kenyan Infants Born to HIV-Infected Women. *J Infect Dis.* 2013 Jun;207(12):1798-806.
31. Beima-Sofie KM, Bigam AW, Lingappa JR, Wamalwa D, Mackelprang RD, Bamshad MJ, Maleche-Obimbo E, Richardson BA, John-Stewart GC. Toll-like receptor variants are associated with infant HIV-1 acquisition and peak plasma HIV-1 RNA level. *AIDS.* 2013 Sep 24;27(15):2431-9. doi: 10.1097/QAD.0b013e3283629117.
32. Ásbjörnsdóttir KH, Slyker JA, Weiss NS, Mbori-Ngacha D, Maleche-Obimbo E, Wamalwa D, John-Stewart G. Breastfeeding is associated with decreased pneumonia incidence among HIV-exposed, uninfected Kenyan infants. *AIDS.* 2013 Nov 13;27(17):2809-15.
33. Irene Njuguna, Marie Reilly, Walter Jaoko, Christine Gichuhi, Gwen Ambler, Elizabeth Maleche-Obimbo, Barbara Lohman-Payne, Tomas Hanke, Grace John-Stewart. Infant neutropenia associated with breastfeeding during maternal antiretroviral treatment for prevention of mother-to-child transmission HIV. *Retrovirology: Research and Treatment* 2014;6 1–5. doi:10.4137/RRt.s13267
34. Slyker JA, Patterson J, Ambler G, Richardson BA, Maleche-Obimbo E, Bosire R, Mbori-Ngacha D, Farquhar C, John-Stewart G. Correlates and outcomes of preterm birth, low birth weight, and small for gestational age in HIV-exposed uninfected infants. *BMC Pregnancy Childbirth.* 2014 Jan 8;14:7. doi: 10.1186/1471-2393-14-7.
35. Beima-Sofie K, John-Stewart G, Shah B, Wamalwa D, Maleche-Obimbo E, Kelley M. Using Health Provider Insights to Inform Pediatric HIV Disclosure: A Qualitative Study and Practice Framework from Kenya. *AIDS Patient Care STDS.* 2014 Oct;28(10):555-64. doi: 10.1089/apc.2014.0040. Epub 2014 Sep 12.
36. Njuguna IN, Ambler G, Reilly M, Ondondo B, Kanyugo M, Lohman-Payne B, Gichuhi C, Borthwick N, Black A, Mehedi SR, Sun J, Maleche-Obimbo E, Chohan B, John-Stewart GC, Jaoko W, Hanke T. PedVacc 002: A phase I/II randomized clinical trial of MVA.HIVA vaccine administered to infants born to human immunodeficiency virus type 1-positive mothers in Nairobi. *Vaccine.* 2014 Oct

- 7;32(44):5801-8. doi: 10.1016/j.vaccine.2014.08.034. Epub 2014 Aug 27.
37. Agweyu A, Kibore M, Digolo L, Kosgei C, Maina V, Mugane S, Muma S, Wachira J, Waiyego M, Maleche-Obimbo E. Prevalence and correlates of treatment failure among Kenyan children hospitalised with severe community-acquired pneumonia: a prospective study of the clinical effectiveness of WHO pneumonia case management guidelines. *Trop Med Int Health*. 2014 Nov;19(11):1310-20. doi: 10.1111/tmi.12368. Epub 2014 Aug 14.
 38. Gasper MA, Kunwar P, Itaya G, Lejarcegui N, Bosire R, Maleche-Obimbo E, Wamalwa D, Slyker J, Overbaugh J, Horton H, Sodora DL, John-Stewart G, Lohman-Payne B. Natural killer cell and T-cell subset distributions and activation influence susceptibility to perinatal HIV-1 infection. *AIDS*. 2014 May 15;28(8):1115-24. doi: 10.1097/QAD.0000000000000263.
 39. Njuguna IN, Ambler G, Reilly M, Ondondo B, Kanyugo M, Lohman-Payne B, Gichuhi C, Borthwick N, Black A, Mehedi SR, Sun J, **Maleche-Obimbo E**, Chohan B, John-Stewart GC, Jaoko W, Hanke T. PedVacc 002: a phase I/II randomized clinical trial of MVA.HIVA vaccine administered to infants born to human immunodeficiency virus type 1-positive mothers in Nairobi. *Vaccine*. 2014 Oct 7;32(44):5801-8. doi: 10.1016/j.vaccine.2014.08.034. Epub 2014 Aug 27.
 40. Beima-Sofie K, John-Stewart G, Shah B, Wamalwa D, **Maleche-Obimbo E**, Kelley M. Using health provider insights to inform pediatric HIV disclosure: a qualitative study and practice framework from Kenya. *AIDS Patient Care STDS*. 2014 Oct;28(10):555-64. doi: 10.1089/apc.2014.0040. Epub 2014 Sep 12.
 41. Agweyu A, Gathara D, Oliwa J, Muinga N, Edwards T, Allen E, Maleche-Obimbo E, English M; On behalf of the Severe Pneumonia Study Group. Oral Amoxicillin versus Benzyl Penicillin for Severe Pneumonia among Kenyan Children: A Pragmatic Randomized Controlled Non-inferiority Trial. *Clin Infect Dis*. 2014 Dec 30. pii: ciu1166. [Epub ahead of print]

Publications - Reviews and Editorials

1. Obimbo EM. Primary health care, selective or comprehensive, which way to go? *East Afr Med J*. 2003 Jan;80(1):7-10. Review.
2. Obimbo EM. Leptospirosis in Africa, an Occupational Hazard. *Medicom, African Journal of Medical Practice*. 2003
3. Obimbo EM. Emerging issues in measles. *East Afr Med J*. 2001 Jan;78(1):1-3.
4. Elizabeth Maleche Obimbo, Michael E Levin. Allergic Rhinitis and Asthma – Evidence for an Association. *Current Allergy & Clinical Immunology*. 2013 March;26(1):4-7.

Publications - Books and Manuals

1. Elizabeth Maleche Obimbo. Chapter 16, HIV and AIDS, page 269 – 280. *Child Health – A Manual for Medical and Health Workers in Health Centres and Rural Hospitals*. Third Edition 2005. African Medical and Research Foundation, P.O. Box 27691 – 00506 Nairobi, Kenya.
2. EM Obimbo. Ch 5, Diagnosis of Tuberculosis in Children. *Guidelines for TB and Leprosy Control*. June 2009, pages 17 – 20. Division of Leprosy, TB & Lung Disease, P.O. Box 20781 Nairobi, Kenya
3. FE Onyango, EM Wafula and E Maleche Obimbo. Ch 9, Acute Respiratory Infections in Children. *Primary Health Care – A Manual for Medical Students and Other Health Workers*. Third Edition 2010. Four Thotle Technologies.

4. C.M Ndugwa, S. Wa Somwe, E.Maleche Obimbo, D. Wamalwa, Muluwork DT. Ch 10 Asthma in Children. Primary Health Care – A Manual for Medical Students and Other Health Workers. Third Edition 2010. Four Thotle Technologies.
5. Elizabeth Maleche Obimbo, Andrew Ndamira, Catherine Chunda. Ch 11 Tuberculosis in Children, Primary Health Care – A Manual for Medical Students and Other Health Workers. Third Edition 2010. Four Thotle Technologies.
6. Gabriel Anabwani, Israel Kalyesubula, Ruth Nduati, Catherine Chunda, Elizabeth Obimbo. Ch 13 HIV and AIDS in Children, Primary Health Care – A Manual for Medical Students and Other Health Workers. Third Edition 2010. Four Thotle Technologies.
7. Tuberculosis Management in Children. 1st edition 2011. Division of Leprosy, TB & Lung Disease, Kenyan Ministry of Public Health and Sanitation, P.O. Box 20781 Nairobi, Kenya
8. Desk-guide for diagnosis and management of TB in children. Co-author. 1st Edition, 2011. International Union against Tuberculosis and Lung Disease (The Union). 68 Boulevard Saint-Michel, 75006 Paris, France.
9. E Maleche Obimbo, DC Wamalwa, JK Mbutia, I Inwani. Ch 10 Care of adolescents living with HIV/AIDS, Ch 11 Overview of HIV in children, Ch 12 Initiating antiretroviral therapy in children, Ch 13 Monitoring and substituting ART in children, Ch 14 Antiretroviral treatment failure in children. Antiretroviral Therapy in Children, Guidelines for Antiretroviral Drug Therapy in Kenya, pages 99 – 138, Fourth edition 2011. National AIDS & STI Control Programme, P.O. Box 19361 Nairobi, Kenya.
10. Guidelines for Asthma Management in Kenya. Co-author, 1st Edition, January 2011. Division of Leprosy, Tuberculosis and Lung Disease, Ministry of Public Health and Sanitation Kenya. P.O.Box 20781 Nairobi, Kenya
11. Tuberculosis Management in Children. 2nd edition 2013. Division of Leprosy, TB & Lung Disease, Kenyan Ministry of Public Health and Sanitation, P.O. Box 20781 Nairobi, Kenya

MASTERS IN MEDICINE (PAEDIATRICS) POSTGRADUATE STUDENTS SUPERVISED

Completed MMed Thesis University of Nairobi, Dept of Paediatrics & Child Health

1. Kipmutai Robert L, University of Nairobi, 1999
Estimating the level of malaria transmission in Nairobi amongst the paediatric age group.
2. Gisore Peter, University of Nairobi, 2000
Injection practices in Nairobi City Council Health Centres.
3. Mokaya Nyandiko, University of Nairobi, 2000
Deteriorating nutritional status of patients admitted to Kenyatta National Hospital: Magnitude and consequences.
4. Okwara Florence, University of Nairobi, 2001
The association between bacteremia and urinary tract infections and malarial infection in children admitted to Kenyatta National Hospital.
5. Muruthi Patricia N, University of Nairobi, 2003
Measles revisited: Risk factors associated with increased measles cases in Kenyatta National Hospital
6. Waris Adil, University of Nairobi, 2003
To compare serum alkaline phosphatase levels in children with and without vitamin D deficiency at Kenyatta National Hospital.
7. Maigua Anne, University of Nairobi, 2004

- Missed opportunities for nutritional intervention in children presenting with pneumonia and malnutrition to Kenyatta National Hospital
8. Mandi Polycarp, University of Nairobi, 2005
Prevalence of Cryptosporidium infection among children presenting with persistent diarrhea at Kenyatta National Hospital
 9. Twahir Hemed. University of Nairobi, 2005
Prevalence of influenza virus infection among children presenting to Kenyatta National Hospital with acute asthma exacerbation
 10. Galgalo David, University of Nairobi, 2006
Prevalence of renal disease among HIV infected children at Kenyatta National Hospital
 11. Githinji Leah, Nyawira. University of Nairobi, 2007
Utility of Total Lymphocyte Count as a Surrogate Marker for CD4 Cell Count in HIV-infected Children.
 12. Mutai Beatrice, University of Nairobi, 2008.
An evaluation of the utility of the “Integrated Management of Childhood Illness” (IMCI) Algorithm among children aged less than five years admitted at Mbagathi District Hospital
 13. Ngeta Claire, University of Nairobi, 2008.
Prevalence of Use of Controller Medication Among Asthmatic Children in Kenyatta National Hospital
 14. Muiva Juliana, University of Nairobi, 2009
Prevalence of Tuberculosis Infection in Children Living with adults with Sputum Smear Positive Tuberculosis
 15. Sang Annette, University of Nairobi, 2009
The prevalence of viral lower respiratory tract infection in children under 5 years in Kenyatta National Hospital
 16. Machira Ezekiel, University of Nairobi, 2010
Assessment of correctness of inhalation technique among asthmatic children and their caretakers at the Kenyatta National Hospital.
 17. Mugane Samson, University of Nairobi, 2010
Hypoxaemia among Human Immunodeficiency Virus infected and uninfected children with severe or very severe pneumonia at Kenyatta National Hospital
 18. Minnie W Kibore, University of Nairobi, 2010
Prevalence of Human Immunodeficiency Virus infection among children under five years with severe or very severe pneumonia in Kenyatta National Hospital
 19. Immaculate Mutisya Katei, University of Nairobi, 2010. Linkage to longterm care of newly diagnosed HIV infected and HIV exposed children at Kenyatta Hospital
 20. Patrick Mburugu, University of Nairobi, 2011
The spectrum and short-term outcome of home-based injuries among children presenting to Kenyatta National Hospital
 21. Mary Inziani Muyeku Matilu, University of Nairobi, 2011
Seroprevalence of Chikungunya, Yellow fever and West Nile Viruses in Children at the Alupe District Hospital in Western Kenya
 22. Peter Kipkurui Mashep, University of Nairobi, 2011.
Prevalence of Hyperlactatemia in children with HIV/AIDS on Nucleoside Reverse Transcriptase Inhibitor based highly active antiretroviral therapy at the Kenyatta national Hospital
 23. Mary Inziani M. Matilu, University of Nairobi, 2011.

- Seroprevalence of Chikungunya, West Nile and Yellow fever Viruses at Alupe District Hospital in Western Kenya.
24. Musila, P.M. University of Nairobi, 2011
Appropriateness Of Drug Prescriptions Among Children On Treatment For Tuberculosis At Kenyatta National Hospital, Nairobi - Kenya.
 25. Sam Oula. University of Nairobi, 2011.
A study on the prevalence and pattern of herbal medicine use among children aged 0-12 years admitted to Kisii level 5 hospital.
 26. Bill Kigathi, University of Nairobi 2012.
Factors affecting levels of asthma control in patients presenting to Kenyatta National Hospital, Thika & Mbagathi District Hospitals.
 27. John Kamenwa. University of Nairobi, 2013
Knowledge and Practice of Health Care Workers in Kenyatta national Hospital as Regards Nutritional Status and Nutritional Needs of HIV infected Children.
 28. Emily Kamau. University of Nairobi, 2013
Effectiveness of PMTCT at Naivasha District Hospital: Outcomes of HIV exposed infants.
 29. C Mutinda. University of Nairobi, 2013.
Adherence to the National Guidelines for Management of Children with Pneumonia at Garissa Provincial General Hospital.
 30. Jane Mate. University of Nairobi, ongoing
Prevalence and severity of Pain among Children admitted to Kenyatta National Hospital.
 31. Rosemarie Gachie Lopokoiyot. University of Nairobi, ongoing
Viral Aetiology of Severe Acute Respiratory Infection among Children under Five Years admitted to Kenyatta National Hospital.
 32. Muriuki Maina. University of Nairobi, ongoing.
Validity of the African respiratory index of severity (RISC) score to predict outcomes of lower respiratory tract infections at Kenyatta National Hospital.

Completed MPH Thesis University of Nairobi, School of Public Health

1. Ann Gatuguta. University of Nairobi 2010.
Antiretroviral treatment adherence among adolescents at Kenyatta National Hospital.

Ongoing MMed Thesis University of Nairobi, Dept of Paediatrics & Child Health

1. Jeanne Wangeci Kinyua. University of Nairobi, ongoing
Validation of the Kenyan National Algorithm for Diagnosis of Tuberculosis in Children.
2. Abenet Zewdie. University of Nairobi, ongoing.
Prevalence, aetiology and antimicrobial susceptibility of bacterial neonatal meningitis at Tikur Anbessa Specialized Hospital, Addis Ababa, Ethiopia.
3. Tele Waki. University of Nairobi, ongoing.
The short term outcome of children aged between 2 – 60 months with suspected or confirmed tuberculosis in Kenyatta National Hospital and Mbagathi District Hospital.
4. Margaret Wainaina, ongoing.
Prevalence of Acute Respiratory Distress syndrome and Acute Lung Injury among children hospitalised with severe acute respiratory infection in Kenyatta National Hospital.

Completed MPH Thesis University of Washington, Dept of Epidemiology

1. Irene Inwani. University of Washington. Dept of Epidemiology 2006.
Validation of World Health Organization presumptive diagnosis of HIV infection in HIV-1 exposed infants aged less than 18 months in Kenya.

Ongoing MPH Thesis University of Washington, Dept of Epidemiology.

2. Engi Attia. University of Washington, Dept of Pulmonology and Critical Care Medicine and Dept of Epidemiology.
Airflow obstruction and Chronic Lung Disease Study in Nairobi.

Ongoing Thesis Postgraduate Diploma in Biomedical Research Methodology, University of Nairobi

3. Emily Wangui Kamau, ongoing.
Impact of Pre-conception Knowledge of Positive HIV Status on Uptake of PMTCT Interventions and Infant HIV free Survival.

CURRICULUM DEVELOPMENT

2005	Comprehensive Paediatric HIV Management Course. University of Nairobi & NASCOP, Ministry of Health, Kenya
2006	Counselling and Psychosocial Care of the HIV infected Child. University of Nairobi & NASCOP, Ministry of Health, Kenya
2010	Management of Tuberculosis. University of Nairobi.
2010 ongoing	Master of Medicine in Family Medicine Curriculum, University of Nairobi (Paediatric Sections)
2012	Management of Pediatric Tuberculosis. World Health Organisation and the International Union against TB and Lung Disease.
2012 - 13	Management of Pediatric Tuberculosis. DLTLTD, Ministry of Public Health and Sanitation, Kenya
2013	Emergency Triage and Treatment Plus – Distance Learning Curriculum. Ministry of Health, PACE Project, University of Nairobi & Kenya Paediatric Association.
2013	Advanced HIV Clinical Care Course. Modules on Respiratory Diseases and Childhood Tuberculosis in HIV. University of Nairobi, PACE Project
2014	Review of Master of Medicine in Paediatrics & Child Health Curriculum, University of Nairobi
2014	Fellowship in Emergency and Critical Care Paediatrics Curriculum (ongoing)

SCIENTIFIC CONFERENCES - SCIENTIFIC RESEARCH PAPERS PRESENTED

1. Obimbo E, Mbori-Ngacha D, Nduati R, Ochieng J, Kreiss J, John G. Correlates of mortality in African infants with Vertically Acquired Human Immunodeficiency-1 Virus Infection. Abstract number 445. 3rd Global Strategies for Prevention of Mother to Child Transmission of HIV-1 Infection, September 2001, Kampala, Uganda.

2. Obimbo E, Mbori-Ngacha D, Otieno P, Bosire R, Ochieng J, Farquhar C, Kreiss J, John-Stewart G. Pediatric HIV-1 in Kenya: Predictors of early mortality. Abstract number: ThPeB7219. XIV International AIDS Conference, Barcelona July 7-12, 2002.
3. Slyker JA, Lohman BL, Rowland-Jones S, Richardson B, Mbori-Ngacha D, Obimbo E, Bwayo JJ, John-Stewart G. Vaccinia virus stimulated ELISPOT assays in HIV-1 exposed infants. Abstract number A10084. XIV International AIDS Conference, Barcelona July 7-12, 2002.
4. Obimbo E, Mbori-Ngacha D, Otieno P, Isavwa A, Wamalwa D, Farquhar C, Bosire R, Lohman B, Richardson B, John-Stewart G. Pattern and Correlates of Viral Load in Kenyan HIV-1 infected Children. Abstract number 30. 2nd International Aids Society Conference on HIV Pathogenesis and Treatment, Paris, July 13-16th 2003.
5. Obimbo E, Mbori-Ngacha D, Overbaugh J, Emery S, Otieno P, Wamalwa D, Gichuhi C, Wariua G, Bosire R, Lohman B, John-Stewart G. Maternal and infant viral load impact disease progression in HIV-1 infected African infants. Abstract number TuOrB1187. XV International AIDS Society Conference, Bangkok, Thailand, July 10-16th 2004.
6. Wariua G, Obimbo E, Mbori-Ngacha D, Wamalwa D, Otieno P, Farquhar C, Gichuhi C, Bosire R, John-Stewart G. Correlates of prolonged breastfeeding among HIV-1 infected women. Abstract no. B12032 International Conf AIDS Conference, Bangkok, Thailand, Jul 10-16 2004
7. C Farquhar, Mbori-Ngacha, Harris J, Wamalwa D, Bosire R, Redman M, Obimbo E, Gichuhi C, Overbaugh J, John-Stewart G. Illness during pregnancy is associated with in utero human immunodeficiency virus type-1 (HIV-1) transmission. Abstract no. THACO102, XVI International AIDS Conference, Toronto, Canada, Aug 13 -18 2006
8. D. Wamalwa 1 , C. Farquhar 2 , E. Obimbo 1 , D. Mbori-Ngacha 1 , B. Richardson. Adherence and early response to Highly active antiretroviral therapy in Kenyan children. XVI International AIDS Conference, Toronto, Canada, Aug 13 -18 2006.
9. Inwani I, Mbori-Ngacha D, Nduati R, Obimbo E, Wamalwa D, John-Stewart G, Farquhar C. Validation of clinical algorithms for diagnosis of HIV-1 infection and initiation of antiretroviral therapy in children aged less than 18 months in Kenya. Abstract no. TUPEB124 XVII International AIDS Conference, Sydney, Australia, July 22-26 2007
10. Githinji L, Mbori-Ngacha D, Obimbo E. Utility of Total Lymphocyte Count as a Surrogate Marker for CD4 Cell Count in HIV-infected Children. Abstract No. 609, 15th Conference on Retroviruses and Opportunistic Infections, Boston, USA, February 3-6, 2008
11. B Lohman, S Jannalagadda, E Brown, D Wamalwa, E Maleche Obimbo, M Majiwa, C Farquhar, P Otieno, D Mbori-Ngacha, G John-Stewart. Positive TB IGRA reactivity in immunosuppressed HIV-1 infected women is associated with active TB or mortality in their infants. Keystone Symposium, October 20-25th 2009, Arusha, Tanzania.
12. B. Lohman-Payne 1 , J. Slyker 2 , S. Moore 1 , E. Maleche-Obimbo 3 , D. Wamalwa 3 , B. Richardson. Breastmilk cellular HIV-1 specific interferon-gamma responses are associated with protection against mother to child transmission. International AIDS Society Conference, Rome, Italy, 2011.
13. Chohan B, Tapia K, Benki-Nugent S, Nga'yo M, Khasimwa B, Lehman D, Obimbo EM, Wamalwa D, Overbaugh J, John-Stewart G. Nevirapine (NVP) Resistance in NVP-unexposed HIV-1 infected Infants initiating NVP-Based ART in Nairobi, Kenya. PACE HIV Symposium, University of Nairobi, June 14-15th 2012.
14. Dalton Wamalwa, Dara A Lehman, Sarah benki-Nugent, Melanie Gasper, Richard Gichohi, Elizabeth Maleche-Obimbo, Carey Farquhar, Grace John-Stewart, Julie Overbaugh. Long-term Virologic Response and Genotypic Resistance Mutations in HIV-1 infected Kenyan Children on Combination Antiretroviral Therapy. PACE HIV Symposium, University of Nairobi, June 14-15th 2012.

15. Gatimu J, Obimbo EM, Wamalwa DC, Chohan B. Haematological profiles of HIV-infected children receiving ART over a 3 year period in Kenyatta National Hospital. STD/AIDS Collaborative Research Group Annual Review Meeting. Southern Sun Mayfair Hotel, Jan 21-25th 2013, Nairobi.
16. Otieno V, Wamalwa D, Obimbo EM, Chohan B. Predictors elevated alanine transaminase (ALT) in HIV-1 infected children on ART in Nairobi. STD/AIDS Collaborative Research Group Annual Review Meeting. Southern Sun Mayfair Hotel, Jan 21-25th 2013, Nairobi.
17. Laura P Newman, Anne Njoroge, Leila Ben-Youssef, Michele Merkel, Ann Gatuguta, Quy Ton, Dalton Wamalwa, Barbara Lohman-Payne, Elizabeth Maleche-Obimbo, Barbra A Richardson, Carey Farquhar. Prevalence and Correlates of Protective Measles Antibody in HIV-infected Kenyan Children on HAART. STD/AIDS Collaborative Research Group Annual Review Meeting. Southern Sun Mayfair Hotel, Jan 21-25th 2013, Nairobi.
18. Emily Kamau, EM Obimbo. Effectiveness of PMTCT at Naivasha District Hospital: Outcomes of HIV exposed infants. Abstract 26. University of Nairobi College of Health Sciences / Kenyatta National Hospital Scientific Conference June 19-21st 2013
19. C Mutinda, EM Obimbo. Adherence to the National Guidelines for Management of Children with Pneumonia at Garissa Provincial General Hospital. Abstract 63. University of Nairobi College of Health Sciences / Kenyatta National Hospital Scientific Conference June 19-21st 2013
20. J Kinuthia, EM Obimbo. Developing Maternal, Newborn and Child Health Capacity in Implementation Science, Leadership and Management through Training. Abstract 81. University of Nairobi College of Health Sciences / Kenyatta National Hospital Scientific Conference June 19-21st 2013
21. DC Wamalwa, EM Obimbo. Strengthening Maternal, Neonatal and Child Health Implementation Science Research in Non-Tertiary Health Facilities in Kenya. Abstract 88. University of Nairobi College of Health Sciences / Kenyatta National Hospital Scientific Conference June 19-21st 2013

SCIENTIFIC CONFERENCES, SYMPOSIA & WORKSHOPS - INVITED SPEAKER

1. Obimbo EM. The Role of Medical Personnel in Management of Abused and Neglected Children. Kenya Paediatric Association Annual Scientific Conference, August 1999 Nakuru.
2. Obimbo EM. Successful Breastfeeding, Kenya Paediatric Association Annual Scientific Conference, August 1999 Nakuru
3. 28th Annual Global Health Council Conference, Invited speaker "Cross-fire Debate: "Should infant formula be resurrected?", Washington DC, USA, 2001.
4. Kenya Pediatric Association, launch of measles eradication campaign. Invited speaker "An update on measles", Nairobi, May 2002
5. Kenya Association of Physicians, Invited speaker, "Antiretroviral therapy in Pediatric HIV/AIDS". Nairobi, May 2003
6. Kenya Pediatric Association Annual Scientific Conference, Invited speaker "Pediatric HIV: Diagnosis, Classification and preparation for antiretroviral therapy". Mombasa, 2003.
7. Kenya Pediatric Association in conjunction with AVENTIS Pasteur, Invited speaker "Current perspectives on Polio eradication". Nairobi, October 2003. Treating Asthma in Sub-Saharan Africa (TASS) Meeting – "Pharmacologic Management of Asthma in Children". Norfolk Hotel, Nairobi, Kenya. August 2006
8. Symposium on Management of Asthma in Paediatrics, Panafric Hotel, Nairobi, July 7th 2007. Invited speaker "Longterm management of asthma in children"

9. "Treatment of Tuberculosis in Children". Symposium on Tuberculosis in Children. Kenya Paediatric Association, Pan Afric Hotel, Nairobi, October 2007
10. "Tuberculosis in HIV infected Children – Kenya". Africa Network for the Care of Children with AIDS (ANECCA) Regional Technical Forum on Paediatric HIV. March 4 – 6, 2008, Entebbe, Uganda.
11. "Improving Diagnosis of Children with Tuberculosis". Technical Regional Meeting, Division of Tuberculosis and Lung Diseases, Ministry of Health, May 2008, Mombasa.
12. "HIV and the Heart". Kenya Cardiac Society Annual Scientific Conference, May 2008, Nairobi.
13. "Update on HIV in Children". Kenya Paediatric Association Annual Scientific Conference. April 23rd 2009, Mombasa.
14. Symposium on Respiratory Problems in Children – "Clinical Presentation and Diagnosis of Tuberculosis in Children". KPA Symposium, 22nd Janary 2010, Nairobi.
15. "Update of HIV in Children and Scientific background for revised guidelines on Pediatric HIV". Kenya National AIDS Control Program, Panafric Hotel, April 23rd 2010
16. "Third line antiretroviral regimens in Children". NASCOP technical policy meeting, Panafric Hotel, May 6th 2010.
17. "Respiratory Disease, Tuberculosis and HIV in African Children". International Congress on Paediatric Pulmonology. June 24th 2011. Versailles, France.
18. "Unresponsive Wheezing – Paediatric Case", Combined Critical Care and South African Thoracic Society Conference (COPICON), Durban South Africa, July 28-31st 2011.
19. "Pediatric HIV Management in Resource Limited Settings". Abbott Continuing Medical Education Forum, April 9th 2011, Nairobi.
20. "Asthma in Children, Best Practices". Kenya Association for the Prevention of Tuberculosis and Lung Diseases Continuing Medical Education Forum. February 2012, Nairobi.
21. "Treatment of Opportunistic Infections and other complications of HIV in Children. Tr@inforPaedHIV course, Hilton Hotel, Nairobi. 24th – 25th September 2012. Role: Invited speaker, and session facilitator.
22. "Transitioning Antiretroviral Therapy in Children". Kenya Paediatric Association Annual Scientific Conference. April 19th 2012, Mombasa.
23. "Acute Asthma in Children: Getting it Right". Nairobi Hospital Continuing Medical Education Forum, May 16th, 2012 Nairobi.
24. "Tuberculosis in Children, what do we know?" National AIDS Control Program & University of Maryland Baltimore Continuing Medical Education Forum, May 18th 2012, Nairobi.
25. "Tuberculosis and HIV in Children". University of Nairobi Program for Advanced Clinical Education (PACE) HIV Symposium. June 14-15th 2012. Nairobi.
26. TB and HIV in Children; What do we know? NASCOP Annual Stakeholders Forum. May 17th 2012, Nairobi
27. Acute Asthma in Children. Nairobi Hospital Continuing Medical Education Series. May 16th 2012, Nairobi Hospital, Nairobi.
28. E Maleche Obimbo. Paediatric HIV in Kenya, ART Treatment Failure and Resistance. MSD Paediatric Antiretroviral Treatment Failure in Children, a Consultative Meeting, November 3rd 2012, Serena Hotel, Nairobi.
29. EM Obimbo. Prevention of Horizontal HIV Transmission in children. Paediatric AIDS Treatment for Africa (PATA) Kenya Regional Technical Forum, Gertrudes Childrens Hospital, Nairobi. Feb 4-6th 2013.
30. TB in Children: an update. Infectious Disease Symposium, Kenya Paediatric Association, February 15th 2013, Nairobi.

31. E Maleche Obimbo. Acute Asthma in Children: Getting it Right! Kenya Paediatric Association Critical Care Symposium, April 17th 2013, Mombasa, Kenya.
32. E Maleche Obimbo. Prevention of Horizontal HIV Transmission in Children. Kenya Paediatric Association Annual Scientific Conference, April 18 – 21st 2013, Mombasa, Kenya
33. MSD Expert Input Forum: Implementation of Routine VL Monitoring Management of Pediatric HIV Therapy in Treatment Experienced Patients. Nairobi, Kenya, Tribe Hotel. 7 September 2013
34. E Maleche Obimbo. Optimizing Pneumonia Outcomes in Children. Kenya National Lung Conference, Kenyatta International Conference Centre. October 2-5 2013.
35. EM Obimbo. A simplified approach to diagnosis of tuberculosis in children. Paediatric AIDS Treatment for Africa (PATA) East Africa Regional Technical Forum, Dar es Salaam Nov 12-15th 2013.
36. Update on TB in children: Paediatric AIDS Treatment for Africa (PATA) East Africa Regional Technical Forum. Whitesands Lodge, Dar es Salaam, February 2014
37. Current challenges of Pediatric HIV Care – What is Happening in the Countries? 8th INTEREST Workshop; Janssen Paediatric HIV Satellite Symposium. 5 - 8th May 2014, Lusaka, Zambia
38. She had us stumped! Challenging respiratory case discussion. International Congress of Tropical Paediatrics. Kenyatta International Conference Centre, Nairobi. 24 – 28th August 2014.

Other Conferences & Symposia - Organisation, Coordination, Chairing

1. Paediatric AIDS Treatment for Africa Technical Forum (PATA), November 2006, Nairobi, Kenya. Role: Coordinator and Host.
2. Paediatric AIDS Treatment for Africa (PATA) Annual Technical Forum. November 2007, Swaziland. Role: Organisation & Facilitator
3. Kenya Paediatric Association Annual Scientific Conference. August 2008, April 2009, April 2010. Mombasa, Kenya. Role: Chair of Scientific Committee
4. Paediatric AIDS Treatment for Africa (PATA). November 2008. Kigali, Rwanda. Role: Facilitator
5. Paediatric AIDS Treatment for Africa Technical Forum (PATA), November 2009, Kampala, Uganda. Role: Organisation & Facilitator
6. Kenya Paediatric Association Annual Scientific Conference. April 2012. Mombasa, Kenya. Role: Convener and coordinator of Pre-Congress One Day Workshop on “Respiratory Medicine in Children; let the Children Breathe”
7. University of Nairobi PACE HIV Symposium, “The Role of Training and Research in Health Service Delivery: Lessons learnt from the HIV Epidemic.” University of Nairobi College of Health Sciences. June 14-15th 2012, Nairobi Kenya. Role: Coordination of Paediatric Sessions & Chief Rapporteur
8. Paediatric AIDS Treatment for Africa (PATA) Kenya Regional Technical Forum, Gertrudes Childrens Hospital, Nairobi. Feb 4-6th 2013. Role: Organisation & Presenter
9. Kenya Paediatric Association Annual Scientific Conference. April 2013. Mombasa, Kenya. Role: Coordinator of Session on Pediatric HIV.
10. Paediatric AIDS Treatment for Africa (PATA) East Africa Regional Technical Forum, Whitesands Lodge, Dar es Salaam. Nov 2013. Role: Organisation and Presenter.
11. Pre-congress Symposium on Childhood Tuberculosis. International Congress of Tropical Paediatrics. Kenyatta International Conference Centre, Nairobi. 24 – 28th August 2014. Convener and Chair.

Other Conferences & Symposia Attendance

1. 14th Conference on Retroviral Diseases and Opportunistic Infections (CROI). February 25th – 28th 2007. Los Angeles, USA
2. International Pediatric Congress, August 25th - 30th 2007. Athens, Greece
3. 15th Conference on Retroviral Diseases and Opportunistic Infections (CROI). February 2008. Boston, USA
4. Symposium on Emergency Paediatrics, Kenya Paediatric Association, June 19th 2009, Nairobi Hospital, Nairobi.
5. 16th Conference on Retroviruses and Opportunistic Infections (CROI) - February 8-11th 2009 Montreal, Canada.
6. 17th Conference on Retroviral Diseases and Opportunistic Infections (CROI). February 16th – 19th 2010, San Francisco, USA
7. 2nd International Workshop on HIV Paediatrics, July 16th – 17th 2010, Vienna, Austria.
8. International AIDS Society Conference, July 18th – 23rd 2010, Vienna, Austria.
9. Prevenar 13 Paediatric Forum. George, South Africa, June 17-18th 2011.

TRAINING / FACILITATION SHORT COURSES

1998-1999	Trainer, Professional workshops for Health Personnel on Child rights and child protection in Kenya. Coalition on child rights and child protection in Kenya.
1996 - 2002	Faculty, University of Nairobi/Kenyatta National Hospital Lactation Management Center
2000 - 2006	Facilitator/Trainer, Kenya Prevention of Mother to Child HIV-1 Transmission Project.
2005 to date	Trainer, National Training Course on Comprehensive Management of Paediatric HIV
2006 to date	Trainer, National Training Course on Counselling and Psychosocial Care of the HIV infected Child
2011 to date	Facilitator, Course on Prevention and Management of Tuberculosis, University of Nairobi.
2012	WHO Child Tuberculosis and National TB Program Trainer of Trainers Course. Stellenbosch, South Africa. May 1-5 th 2012. Role: Facilitator
2013 to date	Facilitator, National Course on Childhood Tuberculosis.
2013 to date	Facilitator, Advanced HIV Clinical Care Course. University of Nairobi, PACE Project

COMMUNITY INVOLVEMENT

2002 to date Christian Discipleship Leader Nairobi Chapel.

This involves leading and hosting a group of 8 – 10 adults from our neighborhood in our home, and systematically studying the Bible together.

2009 to date - Twakutukuza Choir

This choir raises funds annually through a gospel concert performed during the Breastfeeding awareness month of October. I sing soprano in this choir to support their cause of raising funds to provide chemotherapy to women living with breast cancer in Kenya.

2012 to date Executive Board Member - Beacon of Hope

Beacon of Hope is a non-governmental faith based organization with a vision of being a centre of excellence in comprehensive community transformation. The mission is to bring hope to women living with and affected by HIV/AIDs within poor communities by empowering and equipping them to meet their spiritual, physical, emotional, economic and family needs in a sustainable way. I was involved in the setting up of the HIV Comprehensive Care Centre serving HIV infected patients in 2008 through the ACT Program. I currently play an advisory role on medical issues that the NGO is involved in.

2012 to date New Dawn Kenya pre-teen mentorship program.

This is a 3 year program for pre-teen girls ages 10 – 13 years. Throughout this program they have monthly sessions during which they are taught life skills and safe sexuality as they transition to maturity.