

## Mabel Namubuya Nangami, PhD

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### Profile

Prof. Nangami is a distinguished researcher, trainer and curriculum expert, with over 25 years of extensive experience in teaching and research work. She is currently an Associate Professor in health policy and health systems management and the Dean of the School of Public Health at Moi University. She has facilitated JAS 4 seminar under the Consortium for Advanced Research Training in Africa (CARTA) doctoral program. As a trainer, she has consulted for the Ministry of Health-Kenya on the Leadership and Management support program under Management Sciences for Health to train in Health Systems Management; designed curriculum and manuals on Monitoring and Evaluation of Pillar 1 (HIV & AIDS); and middle level managers and policy makers in health systems management under the Collaborative project between AMREF & MU. She has consulted for the Institute of Health Policy Management and Research (IHPMR) on operations research under the Integrated Quality Management System (IQMS) for improving Service Delivery in Reproductive Health. She was involved in undertaking situation analyses of Human Resources for Health training Institutions and their networks in Eastern and Southern Africa focusing on Health Systems Management activities and conducted evaluation of community health programs for Amref Health Africa, and the Kenya Red Cross among others. Prof. Nangami has been PI and Co-PI on several grants and published research on HIV & AIDS, maternal and child health the areas with policy and health system focus as well as curriculum development in various areas of public health. She currently serves as deputy project lead and co-Investigator on the NACOSTI/IDRC funded 1<sup>st</sup> Health Systems Research Chair awarded to Prof. Fabian Esamai at Moi University in 2014 -2020, titled: *A System Approach to Improving Maternal and Child Health Care Delivery in Kenya: Innovations at Community Level and Primary Care Facilitie*. She is also Co-Principal Investigator for the Cross Border Health Access project (focuses on HIV&AIDS, delivery and immunization services) funded by MRC/WELCOMER TRUST awarded to Makerere University in 2018-2020.

### EDUCATION/TRAINING

<i>INSTITUTION AND LOCATION</i>	<i>DEGREE</i>	<i>MM/YY</i>	<i>FIELD OF STUDY</i>
University of North Carolina at Chapel Hill, NC USA	PhD	1997	Sociology (Demography)
University of Nairobi, Nairobi, Kenya	MA	1987	Population Studies
University of Nairobi, Nairobi, Kenya	BA	1983	Economics and Geography
Sida and IHCAR at Karolinska Institutet, Sweden	PG diploma	1999	Health Systems Development: How to Design, Implement, and Evaluate Evidence-based Healthcare Policies.
AUSAID Africa Leadership Award Fellowship 2013	Research Fellow	2013	Building Health Systems Research Capacity to evaluate and monitor the implementation of the MDGs
University of Connecticut, School of Medicine Center for International Community Health Studies, Hartford CT, USA	Certificate	1989	Project Management of Health Programs
Population Reference Bureau, Inc., Washington, D.C	Certificate	1995	Population Policy Communications
Royal Tropical Institute (KIT) Amsterdam, Holland	Certificate	1997	Modules of IEC and Behavior Change in Prevention of HIV/AIDS
Virtual Leadership Development Programme for AHLMN member Institutions, by USAID-funded leadership, Management & Governance Project,	Certificate	2014	Leadership, Management & Governance

### Areas of Expertise

Health systems management, health policy, sustainable strengthening the performance of health systems to be responsive to public health priority needs: maternal & child health; population health, public health impact of climate change, capacity building in M&E, systems research, curriculum design and review in general and integrating Leadership, Management & Governance.

### Performance Highlights

#### Global Health, leadership, management and governance, health systems

- **2020 recipient of the IU-Moi University Strategic Partnership Recognition Award** - February 2020
- **African Country Representative of Kenya** for The Network Towards Unity For Health: TUFH - Nov 2019 to date
- **Appointed Chair, Management Board** of Kimilili sub-County Hospital, Bungoma County - Nov 2019 to date
- **Visiting Scholar**, Duke Global Health Institute, Duke University, Durham, North Carolina, USA - Mar 6–April 22 2019
- **Member, Deans of Schools Leadership Summit**, One Health Central & East Africa (OHCEA)- Aug 2017 to date
- **Expert Reviewer**, Health Systems Management Panel for Accreditation of University Programs, **Commission for**

### **University Education, Kenya - 2012 to date**

- **Lead Consultant**, Review of Pilot training in Health Systems Management by the Ministries of Health, Kenya, reviewed course, facilitated curriculum development and training of TOTs - Nov 18, 2011– Sept 15th 2012
- **Expert Facilitator**, Governance and Health Systems Management modules: Regional Workshop for development of Curriculum and Manuals on Health systems strengthening Programme in Africa, AMREF HQ, funded by JICA and WHO Manuals written in English, French and Portuguese - Nov 01 – 10, 2011 & Jan 30 – Feb 4th, 2012 & June 16 -27th, 2012
- **Co-PI** with Great Lakes University, Kenya, CHAK, MOPHS, NCK and APHRC funding to establish centres of Research Excellence in Health Systems Strengthening (CREHSS)” Funded by CNHR (Consortium for National Health Research) in Kenya – June 2010 to 2012
- **Research Associate**, African Medical Research Foundation (AMREF, HQ), under the Directorate of Health Policy and Systems Research - March- December 2009

### **Monitoring and Evaluation**

- **Co-PI**, Strengthening Evidence-Based Management of Sickle Cell Disease in a Control Programme for Kenya through Establishment of a Registry, Special Clinics and Screening Services in Bungoma, Busia, Kakamega, Transzoia, Vihiga. PI- Prof. C. Tenge License No: NACOSTI/P/19/147 **March 2018 –September 2020 (on-going)**
- **Co-PI (Kenya)** MRC/WELCOME Trust funded regional project “How to Improve Access to healthcare for cross border communities in East Africa by Prof. Fred Ssengoba (PI); countries – Uganda, Kenya, Tanzania and Rwanda **Nov 2014 – April 2020**
- **Deputy Project Leader and co-Investigator** - University Research Chair on Health Systems Research awarded to Prof. Fabian Esamai, at Moi University. Project title: A System Approach to Improving Maternal and Child Health Care Delivery in Kenya: Innovations at Community Level and Primary Care Facilities – Grant from IDRC/NACOSTI – **Mar 2016-2020**
- **Principal Investigator**, Capacity building for Monitoring and Evaluation sub-agreement with Tulane University and Measure Evaluation Project, University of North Carolina, Chapel Hill. **October 2013 – September 2014**
- **Consultant**, National Monitoring and Evaluation Guidelines and Standard Operating Procedures (Pillar 1), NASCOP, Ministry of Health, Kenya 2011 - **August 2011**
- **Consultant**, National Curriculum for Monitoring and Evaluation (Pillar 1), Facilitator Manual, Module 2: Overview of HIV and AIDS Pandemic, Ministry of Health, Kenya - **August 2011**
- **Consultant**, National Curriculum for Monitoring and Evaluation (Pillar 1), Module 3: Introduction to monitoring and Evaluation, Ministry of Health, Kenya - **August 2011**
- **Consultant**, National Curriculum for Monitoring and Evaluation (Pillar 1), Facilitator Manual, Module 7: Operations Research in HIV Response, Ministry of Health, Kenya - **August 2011**

### **Capacity Building developing research protocols, manuals for monitoring and evaluation of HIV/AIDS and health systems strengthening**

- **Focal Person** at Moi University (SPH), for the Africa Hub project on building capacity for Health Systems Research in seven Schools of Public Health in East and Central Africa, funded by Futures Health Systems and HEALTH Alliance through Makerere University, School of Public Health as Lead partner - March 2011 to 2017  
Contribution – Awarded six (6) small grants for junior faculty and MPH students; mentorship and designed an innovative regional Health Systems Research course
- **Principal Investigator** (Kenya-based) study site at SPH, Moi University Baseline Assessment of Capacity for Health System Research Capacity at 7 Schools of Public Health in East Africa under the Africa Hub – Future Health Systems and HEALTH Alliance based at SPH, Makerere University - June – December 2011
- **Facilitator**, Consortium for Advanced Research Training in Africa (CARTA) PhD Fellowship program - Nov 2016 to 2019
- **Appointed and elected Secretary** to the Management Board of the National consortium for National Health Research (CNHR), Kenya April 2015 – Nov 2019
- **Member International Peer Evaluation Committee** for Stars in Global Health under the Canadian Institute of Health Research (CIHR) 2012 to 2014 and 2016 to 2017
- **External Examiner**: University of Western Cape, South Africa; SPH at Makerere University, Uganda, SPH at University of Nairobi, Kenya; Kenyatta, Machakos and Great Lakes Universities in Kenya – variously between 2004 to 2019
- **Supervisor**: Undergraduate research projects, Master’s thesis (45) & doctoral dissertations (6) to graduation.

### **Employment history (summary)**

- **Associate Professor and Dean**, School of Public Health, Moi University - Aug 2017 to date
- **Associate Researcher**, AMREF, Directorate of Health Policy and Research, HQ, Nairobi (sabbatical) - Mar –Dec 2009
- **Senior Lecturer**, Moi University – teaching project monitoring and evaluation, health management and leadership, population health and development - Jan 2011- July 2017
- **Chair, Community-Based Service and Education (COBES) Program**, College of Health Sciences covering schools of Medicine, Public Health, Nursing, Dental Health at Moi University: Oversee planning, implementation and evaluation of program - September 2004 to December 2008

- **Head/Chair & lecturer** Department of Health Policy & Management, School of Public Health, Moi University - 2003 – Dec **Demographer/Planning Officer**, National Council for Population and Development (NCPD), Nairobi, Responsible for decentralizing population and family planning program - November 1986 to April 1990:

### **Selected Peer-reviewed Publications**

- Fabian E **Nangami M**, Tabu J, Mwangi A, Ayuku D, Were E., 2020 “Trends in maternal and child health outcomes on implementation of a health systems intervention: A case of Obekai dispensary, Busia County, western Kenya” *(in press)* Journal of Global Health Reports May 2020
- Mwangi A, **Nangami M**, Tabu J, Ayuku D, Were E, Fabian E. 2019 “A system approach to improving maternal and child health care delivery in Kenyan communities and primary care facilities: Baseline Survey on Maternal Health.” African Health Sciences, 2019; 19(2): 1841-1848. <https://dx.doi.org/10.4314/ahs.v19i2.6>
- J. Sitienei, **M. Nangami**, L. Manderson (2018), 2018 “The Implementation of Governance Attributes in Health in Uasin Gishu County, Kenya”, East African Health Research Journal Volume 2 | Issue 2 | November 2018, Pp 91 – 102; ISSN 2520-5277, [www.eahealth.org](http://www.eahealth.org)
- M. Marx, C. Nitscheke, M. Nafula, **M. Nangami**, I Marx, H. Prytherch, I. Omogi, F. Paul 2018 “If you can’t measure it, you can’t change it – improving quality of care based on evidence: A longitudinal study in hospitals and health facilities in rural Kenya.” BMC - Health Services Research - BHSR-D-17-00804R3 (2018) 18: 246. <https://doi.org/10.1186/s12913-018-3052-7>
- Joachim K Rotich; **Mabel Nangami**, Simon Rutto (2018) 2018 “Service Responsiveness to Students’ Health Care Expectations at the Moi University Health Centre in Kenya” IOSR Journal of Nursing and Health Science (IOSR)
- Esamai F, **Nangami M**, Tabu S, Mwangi A, Ayuku D, Were, E 2017 “A System Approach to Improving Maternal and Child Health Care Delivery in Kenya: innovations at the Community and Primary Care Facilities (a protocol)” Journal of Reproductive Health 2017, Volume 14:105; DOI 10.1186/s12978-017-0358-6
- Jackline Sitienei, **Mabel Nangami**, Rose Kosgei, Ligia Paura and Lenore Manderson 2017 “Decision makers’ perspective on implementation of governance attributes in the department of health a qualitative review of Uasin Gishu County, Kenya.” The Lancet Global Health, Consortium of Universities for Global Health (CUGH) 8th Annual conference, Washington, USA April 2017 – <http://www.thelancet.com/lancetgh> pp 5
- Stephen Wandei, **Mabel Nangami** and Omar Egesa 2015 "Ability and willingness to pay for voluntary medical male circumcision: a cross-sectional survey in Kisumu County, Kenya" AIDS Care, 2015 <http://www.tandfonline.com/doi/full/10.1080/09540121.2015.1114998>.
- Preston I, McKinnon LR, Munyao J, Ileri N, Nagelkerke N, Gakii G, Gelmon L, **Nangami, M**, Kaul R and Kimani J. 2015 “Repeat Use of Post-exposure Prophylaxis for HIV among Nairobi-Based Female Sex Workers Following Sexual Exposure” *AIDS and Behavior*, May 2015 DOI: 10.1007/s10461-015-1091-1; Print ISSN 1090-7165; Online ISSN 1573-3254
- Kamanda A, Kimengi I, **Nangami M**. (2015). 2015 Factors that Hinder Effectiveness in the Management of the Waiver System: A case study of Kapsabet Hospital in Kenya” *International Journal of Education and Research*, Vol. 3 No. 2 February 2015 - ISSN: 2201-6333 (Print) ISSN: 2201-6740 (Online) [www.ijern.com](http://www.ijern.com)
- Sitienei J. J; Kihara A-B; Kosgei J. R; Cheserem J. E; Siika M. A; **Nangami Mabel**; Kimaiyo K. S; Maina F 2013 “Patients views on care they receive in Express Care: A task shifting model in HIV care, AMPATH, Western Kenya” *Journal of Scientific and Innovative Research*, VOLUME 2 ISSUE 2, ISSN: 2230-4818, <http://www.jsirjournal.com> March-April 2013
- Nangami M**, Rugema L, Tebeje B and Mukose A 2013 “Institutional capacity for health systems research in East and Central Africa schools of public health: enhancing capacity to design and implement teaching programs.” *Health Research Policy and Systems* 2014, vol.12:22 doi:10.1186/1478-4505-12-22 Published: 2 June 2014
- Obwocha E. and **Nangami M**, Mwakubo S, and Omboto, I. 2011 “Factors responsible for HIV Infections among workers at Chemelil Sugar Factory in Nyando district, Kenya” *Journal of Technology and Socio Economic Development*, Volume 1: No.1 Pp 283 September 2011 ISSN 223-9227

Obwocha E. and <b>Nangami M</b> , Mwakubo S, and Omboto, I.	2011	2011 “Effects of HIV and AIDS on labor productivity in Chemelil Sugar Factory in Nyando district, Kenya”	Journal of Technology and Socio Economic Development, Volume 1: No.1 Pp 289 September 2011 ISSN 223-9227
Reece M, Hollub A, <b>Nangami M</b> , Lane K.	2010	Assessing male spousal engagement with prevention of mother to child transmission. (pMTCT) Programs in Western Kenya.	AIDS Care. 2010 June; 22 (6): 743-750.
<b>Nangami, Mabel N.</b>	2010	“More than Facts and Figures: Effectiveness of AMREF’s HIV and AIDS Interventions” AMREF	AMREF Discussion paper Series No. 005/2010 The African Medical Research Foundation, ISBN.978-9966-874-84-9

## 2020 Presentations and Abstracts

1. *Nangami, Mabel*
  - i. Campus wide lecture: “Strengthening the Health System towards Universal Health Coverage in Kenya” February 19, 2020
  - ii. IU Center for Global Health Public Lecture: “Disruptive Public Health Strategies for Transformative Change in Kenya’s Health Outcomes”, February 20, 2020
2. Nangami, Mabel et al, February 2020: Cross-border Health on immunization, reproductive health and HIV-AIDS services, East Africa – Dissemination meeting to border communities in Migori and Busia County, Kenya
3. Nangami, Mabel, April 2020: “What’s working & what’s not for covid-19 response strategies in Kenya” A COVID-19 Webinar hosted as *One Health Updates COVID-19 Response ECHO for AFROHUN*, Under the USAID One Health Workforce – Next Generation Project; April 23, 2020
4. Nangami, Mabel, April 9, 2020: A Systems Approach to Improving Maternal and Child Health Outcomes in Western Kenya April 9, 2020 under theme on ‘Integrating the Teaching of Population Health into the Teaching of Medicine and Food as Medicine’ Webinar organized by The Network: Towards Unity for Health (TUFH) Population Health Institute and Community of Practice.
5. Nangami, Mabel, et al., 2020: “A systems approach to monitor client experiences for service improvement in maternal child health, Busia County, Kenya” *abstract accepted* for Towards Unity for Health (TUFH) 2020 Mexico virtual conference themed “Primary Health Care: A Path Towards Social Justice and Systems and Community Based Responses To Covid-19” September 22 -26, 2020.