

Keynote Speakers' Biosketches and Abstract Presenters' Profiles

KEYNOTE SPEAKERS



Prof. Chimene Castor

Chimene Castor, PhD, EdD, RDN, LDN, CHES, FAND is an Associate Professor in the Department of Nutritional Sciences at Howard University. She earned her PhD in Nutrition from Howard University and holds both an EdD and MA in Health Education from Teachers College, Columbia University. Dr. Castor is a registered dietitian, health educator, researcher, and global health leader with more than 20 years of experience in clinical nutrition, higher education, and community health. Her work focuses on Food as Medicine, health literacy, chronic disease prevention and management, nutrition education, and sustainable food systems. Her research and community-engaged initiatives examine the role of nutrition in addressing health disparities and improving health outcomes in the United States, Africa, and the Caribbean.



Prof. Gabriel Shirima

Gabriel Shirima is an Associate Professor at the Nelson Mandela African Institution of Science and Technology (NM-AIST) and a registered veterinarian by profession. He graduated from Sokoine University of Agriculture, Morogoro, where he also completed his Master's degree, researching the epidemiology of bovine tuberculosis in cattle in the Eastern Zone of Tanzania. He obtained his PhD in Epidemiology of Brucellosis in livestock, wildlife, and humans in Northern Tanzania. He is also an alumnus of the University



Prof. Sia Msuya

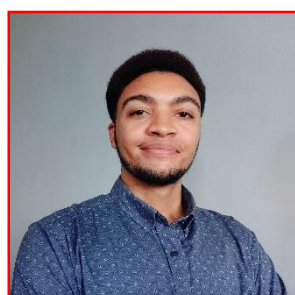
Prof. Sia is a medical doctor and Professor with over 20 years of experience in epidemiology, public/community health, RMNCAH&N, HIV/STIs, nutrition, health systems, and health programs planning and evaluation. She has led national RMNCAH strategic planning and mid-term reviews in Tanzania Mainland, Zanzibar and Botswana, including the Mid-Term Review of Tanzania's Health Sector Strategic Plan IV and One Plan I–III, and is leading the development of One Plan IV (2026/27–2030/31). She has led more than 20 large-scale program evaluations and worked extensively with governments, UN agencies, development partners and universities internationally. She has collaborated with and served as a visiting lecturer at approximately 15 universities globally. She served as Director of the Institute of Public Health at KCMC (2013–2021), has extensive teaching and supervision experience, and received the Maria Kamm Best Female Scientist Award in Tanzania in 2026.



Dr. Kennedy Ngowi

Dr. Kennedy Ngowi is a digital health and data science researcher with over ten years of experience in digital health, infectious diseases, clinical data systems, and implementation science. He holds an MSc from Aalborg University, Denmark, and a PhD from the University of Amsterdam, Netherlands, where he studied digital health approaches to improving medication adherence and treatment outcomes among people living with HIV.

His work focuses on designing, implementing, and evaluating digital health interventions in resource-limited settings, including HIV/TB care, treatment adherence, family planning, health education, and alcohol-use reduction. He also specializes in large clinical and longitudinal datasets, applying AI, machine learning, predictive analytics, and health data science to strengthen clinical and public health decision-making.



Dr. Kim Madundo

Dr. Kim Madundo is a Psychiatrist, Lecturer, and Head of the Psychiatry and Mental Health Department at Kilimanjaro Christian Medical Centre. He is one of only six psychiatrists practising in Northern Tanzania and has an interest in psychological trauma, depression and suicidality, developing interventions targeting these mental health challenges among young adults, and integrating mental health services into non-mental health settings. He has led and served as an investigator on multiple local and cross-country research studies to investigate suicidality and depression, harmful alcohol use, and for addressing these challenges. Throughout his career, he has mentored PhD level nurses, medical students, and junior nurses, and now also teaches Undergraduate and Master's



Prof. Declare Mushi

Prof. Declare Looka Mushi is a Professor of Public Health at KCMC University, Tanzania, with extensive experience in public health research, community health, social aspects of chronic diseases, and health-programme evaluation. He holds a PhD in Public Health from Heidelberg University, Germany, and has contributed to research addressing health equity, maternal health, gender-based violence, chronic diseases, and the strengthening of health services in resource-limited settings.



Prof. Bruno Sunguya

Prof. Bruno Sunguya is a Professor of Public Health Nutrition at the School of Public Health and Social Sciences, Muhimbili University of Health and Allied Sciences (MUHAS), and currently serves as Deputy Vice Chancellor for Research and Consultancy of MUHAS. He holds an MD from the University of Dar es Salaam and MSc and PhD degrees from the University of Tokyo, Japan. His research interests include nutritional epidemiology, infectious diseases including HIV, TB and STIs, reproductive and child health, and nutrition-related non-communicable diseases. He has published extensively in peer-reviewed journals and authored four book chapters.



Prof. Reginald
Kavishe

Reginald Kavishe is a Professor of Biochemistry and Molecular Biology and currently serves as the Director of Research, Publications and Consultancy at the KCMC University. He holds a PhD in Molecular Biology (Drug transporters and glutathione metabolism) from Radboud University Medical Centre, Nijmegen The Netherlands. His research interest is in Malaria epidemiology and clinical trials, drug resistance mechanisms, and genetics of both communicable and non-communicable diseases. His current projects include antimalarial therapeutic efficacy testing, malarial diagnostics and drug trials, arbovirus surveillance and control, malarial and arbovirus vector control, antimicrobial resistance and climate change effects on maternal health.

ABSTRACTS

ORAL PRESENTATIONS



Dr. Alex Mremi

Institution: KCMC University

Email: alex.mremi@kcmcu.ac.tz

Title: Molecular screening for Lynch syndrome in early-onset colorectal cancer in Northern Tanzania



Beatrice Jerome

Institution: KCMC University

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Title: Insecticidal Activity of Momordica foetida Leaf Extract Against Anopheles gambiae in Kesses (Uasin Gishu County) Kenya



Dr. I. Marion
Sumari-de Boer

Institution: KCMC University

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Title: Zoonotic Disease Risks from Human-Wildlife Interactions in African Tourism: a scoping review



Dr. Abitalis
Mayengela

Institution: KCMC University

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Title: Management Challenges of Bilateral Xanthogranulomatous Pyelonephritis in a Patient with End-Stage Renal Disease in a Low-Resource Setting: A Case Report



Dr. Angela
Pallangyo

Institution: KCMC University

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Title: The Immunohistochemistry Gap in Breast Cancer Diagnosis at a Tertiary Hospital in Northern Tanzania



Dr. Aloyce Kimario

Institution: KCMC University

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Title: Prevalence of Pulmonary Infections in Patients with Chronic Obstructive Pulmonary Disease Treated at Muhimbili National Hospital, Tanzania, 2022–2024



Julien Sudre

Institution: Innotrope - France

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Title: Innovative diagnostic device for preventing a cholera outbreak.



Dhahiri Mnzava

Institution: KCMC University

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Title: Antibiotic resistance and trends of ESKAPE pathogens: A 5-year retrospective analysis at KCMC Tertiary Hospital, Tanzania



Dr. Debora
Kajeguka

Institution: KCMC University

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Title: Aedes Salivary Antibody Responses and Risk of Orthoflavivirus and Alphavirus Infections in Northern Tanzania



Angela Makule

Institution: KCMC University

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Title: Integrating Climate Change and Planetary Health into the Medical School Curriculum at Kilimanjaro Christian Medical University College (KCMUCo) in Moshi, Tanzania: A Case Study.



Dr. Angumbwike
Mwakitwange

Institution: KCMC University

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Title: A 67-year-old man with metastatic carcinoma ex pleomorphic adenoma of the parotid gland: case report and review of the literature.



Daniel Mwakasaka

Institution: KCMC University

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Title: Social media addiction and its association with depression among university students in Moshi district, Kilimanjaro, Tanzania.



Dr. Furaha Kasyupa

Institution: KCMC University

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Title: Breast desmoid-type fibromatosis mimicking breast carcinoma in a resource-limited setting: A case report.



Gabriel Shoo

Institution: KCMC University

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Title: Species distribution, biofilm formation and antifungal susceptibility profiles of Candida among high-risk patients with clinical features of urinary tract infections in Moshi Municipality, Tanzania.



Dr. Gidion Edward

Institution: KCMC University

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Title: Feasibility and Effectiveness of Caesarean Section Simulator in Maternal and Neonatal Outcome at Kilimanjaro Christian Medical Center.



Dr. Jeremia Pyuza

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Title: Tanzanian gut microbiota profiles linked to high but rapidly waning yellow fever antibody titers.



Neema Makupa

Institution: KCMC University

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Title: Feasibility, Acceptability and Effectiveness of Simulated Laughter Therapy on Depression Among Multidrug-Resistant Tuberculosis Patients Hospitalised at Kibong'oto Infectious Disease Hospital": (A Pilot Study).



Dr. Perpetua
Manumba

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Title: Magnitude and Factors Associated with Persistent Postpartum Hypertension among Women with Pregnancy Induced Hypertension at Kilimanjaro Christian Medical Centre.



Suzan Kilamile

Institution: KCMC University

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Title: Maternal age is an important determinant of body composition during early pregnancy: a comparison between pregnant and non-pregnant women in Dar es Salaam, Tanzania.



Dr. Tabitha
Mshanga

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Title: Pentalogy of Cantrell (Class III) in a Newborn Born to an Adolescent Mother: A Case Report from a Tertiary Hospital in Northern Tanzania.



Prof. Michael Burke

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Title: Healthy Ageing Multidisciplinary Care and Geriatric Medicine in the Kilimanjaro Region currently and looking forward



Dr. Kisa Kapaga

Institution: Mwl. Nyerere Memorial Regional Referral Hospital

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Title: Prevalence of Reduced Kidney Function Suggestive of Chronic Kidney Disease of Unknown Etiology among Small-Scale Fishers in Northwest Tanzania: Application of the DEGREE Protocol



Gloria Ceasar

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Title: Mosquito Vector Infestation at Ports of Entry in Unguja, Zanzibar



Anthony Kavindi

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Title: Estimating malaria transmission intensity using age-specific serological catalytic models in Handeni District Council, Tanzania.



Charles Mnyone

Institution: World Vision Tanzania

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Title: Impact of the Positive Deviance Health Model on Acute Child Malnutrition in Tanzania: Evidence from World Vision Programs.



Oliva Moshi

Institution: KCMC University

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Title: A non-inferiority field trial of YAHE Dual, a chlorfenapyr and alpha-cypermethrin-treated net, against pyrethroid-resistant *Anopheles arabiensis* in Lower Moshi, north-eastern Tanzania.



Dr. Anthon G.
Mwingwa

Institution: Kilimanjaro Cristian Medical Centre

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Title: Development and Evaluation of a Synthetic Glycan-Based Lateral Flow Test for Brucellosis in Humans and Livestock: A One Health Diagnostic for Tanzania.



Emmanuel Issangya

Institution: KCMC University

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Title: Bacteriophage Activity against MDR Pseudomonas aeruginosa: A One Health Approach.



Dr. Mariam Ngaula

Institution: KCMC University

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Title: Trends and Effect of a Cash Transfer Intervention on Depression and Anxiety Symptoms among Adolescent Girls and Young Women in Tanzania: A Longitudinal Analysis.

	Institution: KCMC University Email: charles.uromi@gmail.com Title: Prediction of delivery mode by using sonographic measured ratio of head circumference to obstetric conjugate among women delivered at KCMC Northern Tanzania.
Dr. Charles Mkombe	

	Institution: KCMC University Email: alexgabagambi@gmail.com Title: Readiness to adopt digital health innovations to manage type 2 diabetes and Hypertension in Tanzania: A Mixed-Method Study.
Dr. Alex Alexander	

	Institution: KCMC University Email: teshasiah89@gmail.com Title: Morphological and Immunophenotypic Characterization of Acute Leukemia in Children Below 15 Years at Kilimanjaro Christian Medical Centre, Northern Tanzania.
Siah Tesha	

POSTER PRESENTATIONS



Catherine Massay

Institution: Kilimanjaro Christian Medical Centre

Email: cathy.massay@gmail.com

Title: Healthcare Providers' Practices in Postpartum Hemorrhage Diagnosis, Documentation, Disclosure and Consent: A Multi-Centre Cross-Sectional Study in Tanzania.



Dr. Stanford
Kaserwa

Institution: World Vision Tanzania

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Title: Gender Equitable Attitudes for Rural Adolescent Health: Evidence from World Vision's REACTS and Program M&H (Mujeres & Hombres).



Dr. Octavia Materu

Institution: KCMC University

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Title: Time to immunological recovery and its determinants among adults with Advanced HIV disease at antiretroviral initiation in Tanzania from 2020 to 2025.



Shadrack Moses

Institution: KCMC University

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Title: Sero-prevalence of Hepatitis B Infection and Associated Factors among Long-Distance Truck Drivers at Tunduma Border, Tanzania.



William
Shing'wenda

Institution: Tanzania Women Research Foundation (TAWREF)

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Title: Pre-Exposure Prophylaxis (Prep) Uptake among Out-of-School Adolescent Girls and Young Women (Agyw) in Moshi Municipal and Moshi District Councils, Kilimanjaro, Tanzania.



Dr. Godfrey Kisigo

Institution: Kilimanjaro Clinical Research Institute (KCRI)

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Title: "If your heart is unsettled, it's very hard to sleep": Negotiating sleep within structurally constrained environments among people with and without HIV in Mwanza, Tanzania.



Augustine Musyoka

Institution: Kilimanjaro Christian Medical Center, and KCMC University

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Title: Barriers to timely diagnosis of Chronic Myeloid Leukemia in the northern zone of Tanzania, primary healthcare workers' perspective.



Dr. Alex Mremi

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Title: Cytosponge Cytology for Detecting Esophageal Dysplasia in a High-Incidence Region of Tanzania



Norbert Riziki

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Title: One Health and Its Impact on Re-emerging Infectious Diseases in Tanzania in 2025: A Policy Case Study.



Happiness Kimaro

Institution: KCMC University

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Title: Factors Influencing Chemotherapy Adherence among Women with Breast Cancer at Kilimanjaro Christian Medical Centre, Northern Tanzania.



Erick Mahatara

Institution: KCMC University

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Title: Knowledge, Attitude, and Practice on HIV/AIDS among College and University Students in Kilimanjaro Region aged 18 to 45 years. A Cross-Sectional Study.



Dr. Kisse kamwela

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Title: Time to Loss to Follow-Up Before HIV Confirmatory Testing and Its Predictors Among HIV-Exposed Infants in Tanzania, 2022–2024.



Dr. Eka Patricia
Kisali

Institution: KCMC University

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Title: African Heritage Diet Modulates Innate Immune Responses and Improves Vaccine Responsiveness in Overweight and Obese Tanzanian Adults: A Randomized Proof-of-Concept Trial

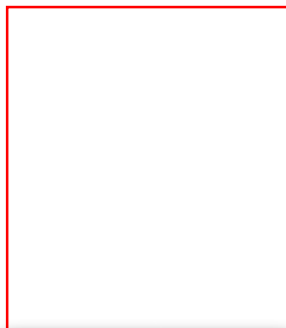


Happyness Jeremia
Mshana

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Title: Real time Polymerase Chain Reaction detection of Schistosoma haematobium Dra1 sequence in archived bladder cancer tissues from low and high endemic regions of Tanzania: a multicenter retrospective study.



Dr. Frank Shao

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Title: Knowledge, Attitudes, Practices, and Associated Factors Regarding Preconception Care Among Men Aged 18–49 Years in Mlimba District, Morogoro Region, Tanzania.