



KCMC UNIVERSITY

Research and Community Services Undertaken During the 2024 – 2025 Academic Year

SN	Title of the Research Project	Principal Investigator	Duration of the Project	Status (Completed/Ongoing)	Funder/Funding Institution(s)	Community Engagement Activities	Project Type
1	Predicting Vector Borne Diseases (PreVBD)	Prof. Reginald Kavishe	2020-2025	Ongoing	DANIDA	Dissemination of major research findings was conducted through stakeholder engagement meetings involving officials from the Ministry of Health (MoH), the National Malaria Control Programme (NMCP), the Zanzibar Malaria Elimination Programme (ZAMEP), the Tanzania Meteorological Authority, and other key stakeholders.	Research Project
2	Evaluation of the feasibility, accuracy, and effect of a rapid point-of-care serological triage test for active TB in high burden, HIV-endemic	Dr. Balthazar Nyombi	2020-2025	Completed	EDCTP	Community engagement activities were conducted through stakeholder engagement meetings involving Regional Health Management Team, District Health Management Team, Community Advisory Boards and Community Healthcare Workers, study field workers and patients.	Research Project

	African settings: A multi-center, parallel-group, randomized, controlled trial (SeroSelectTB)						
3	Implementing Simulation-Based Education in Tanzania & Malawi (NORHED II)	Dr. Jane Rogathi	2021-2026	Ongoing	NORAD	Dissemination programs were conducted among nurses and clinical skills trainers at KCMC Hospital and KCMC University	Capacity Building
4	Stop Violence Phase I & II	Prof. Declare Mushi	2020-2025	Completed	GIZ Germany	Community engagement activities were conducted through stakeholder engagement meetings involving Police Department, NGOs, Legal personnel, Religious Leaders, Healthcare Workers, Social Welfare Officers, and Higher Learning Institutions. The meetings focused on capacity building and experience sharing.	Capacity Building Project
5	Family psychoeducation for adults living with psychotic disorders in Tanzania (KUPAA)	Dr. Kim Madundo	2024-2029	Ongoing	NIH	<ul style="list-style-type: none"> Project launch at KCMC university was held on 24th Feb 2025 First stakeholder group meeting was held on 26th Feb 2025 	
6	Transforming Parkinson's Care in Africa (TraPCAf)	Prof. Declare Mushi	2022-2025	Ongoing	NIHR Global Health Research, UK	<ul style="list-style-type: none"> Conducted initial training sessions for healthcare providers, focusing on clinical assessment techniques and the use of diagnostic tools. Conducted stakeholders' workshop for awareness campaigns to enhance recognition of PD symptoms among both healthcare providers and the general public. A CEI event was conducted at Machame which involved Parkinson patients and their relatives. 	Research & capacity building project
7	The effect of diet on immune and vaccine responses in people living with obesity in transitioning communities (Acronym: TransInf)	Dr. Godfrey Temba	2023-2026	Ongoing	JPI	<ol style="list-style-type: none"> Parliamentary visit by the project PI during budget session discussing regulation of imported snacks to help combat obesity. Presentation given to KCMC community during the clinical conference on the influence of diet on immunity and inflammation in Tanzania. 	Research Project

						<p>3. Mentorship talk given by project PI to KCMC community that was organized by KUASA.</p> <p>4. Courtesy visit made by the PI to ED of Benjamin Mkapa Hospital to discuss areas for future partnership.</p> <p>5. Radio interview given by project PI discussing the role of diet in modulating inflammation and immune regulation and the adverse effects associated with Western-style diet including diet-related non-communicable diseases.</p>	
8	Strengthening Capacity to manage and Cope with pandemics in Ethiopia and Tanzania (SCCOPET)	Prof. Reginald Kavishe	2022-2025	Ongoing	DANIDA	<p>Community engagements activities were held through stakeholder engagement meetings which involved community leaders, Medical Officers, District Medical Officers and Immunization Officers of Kilimanjaro Region.</p> <p>Training of healthcare workers and managers on stress management and coping skills was conducted in October 2025 and a new training is planned in January 2026 to involve healthcare workers in Kilimanjaro and representatives from MoH as a capacity to enhance the health workforce skills.</p>	
9	Rehabilitation for all through digital innovation and new competencies: (RADIC)	Sarah Mkenda	2023-2026	Ongoing	European Union	A virtual community engagement activity was conducted involving rehabilitation professionals across Tanzania to disseminate information on accessing rehabilitation services through digital platforms.	Capacity Building Project
10	Comparative cost-effectiveness evaluation of malaria vector control tools designed for use at scale in areas of pyrethroid resistance	Prof. Franklin Mosha	2024	Completed	Global Fund	The project is purely a laboratory study and semi-field study	Research Project
11	Efficacy of different formulations of insecticidal paints for control of malaria transmitted by	Prof. Franklin Mosha	2024	Completed	FID	The project is purely a laboratory study	Research Project

	pyrethroid-resistant vectors: from concept to implementation						
12	Capacitating Sub-Saharan African HEIs to educate Nursing Students for Sustainable and Innovative Infection Prevention and Control practices InfPrev4frica	Dr. Jane Rogathi	2023-2025	Ongoing	European Union	Dissemination programs were conducted among nurses to enhance knowledge and professional practice.	
13	Introduction of Emergency Medicine Master's Program at KCMC University	Dr. Francis Sakita	2021-2025	Ongoing	DAAD	Outreach training on emergency care was conducted for police officers. Additional community engagement activities were carried out through social media platforms.	Capacity Building Project
14	Building Blended Master Programs in Rehabilitation in Kenya and Tanzania; AfroRehab Project:	Dr. Alleluya Moshi	2024-2027	Ongoing	European Union	Community engagement activities were conducted through stakeholder meetings involving the Ministry of Health, rehabilitation medicine professionals, non-governmental organizations (NGOs), civil society organizations (CSOs), academic institutions, and other relevant stakeholders.	Capacity Building Project
15	Reconstructing the transmission intensity of arboviruses across Africa and the impact of interventions in a changing climate	Prof. Jaffu Cholongola	2025 - 2028	Ongoing	Wellcome Trust	A new project has been approved and is awaiting a formal kick-off meeting. This project will shed insights on circulating arboviruses and the burden of infections and their relationship with changing climatic conditions, informing how these adverse climate-driven infections can be managed/controlled.	Research and Capacity Building Project
16	Developing skills in clinical nutrition and the use of universal screening	Dr. Mary Mosha	2025-2026	Ongoing	AREF-Wellcome Trust	A New project to develop capacity and awareness in health diets for Tanzanians communities.	Capacity Building Project