

MEPI-Junior Faculty in Tanzania: 2018 Progress Report

Kien Alfred Mteta¹, Egbert Kessi¹, Paschalis Rugarabamu², Daniel Fitzgerald³, John Bartlett⁴, Charles Muiruri⁴, and Ahaz Kulanga¹



Partnership Between KCMU College and CUHAS



MEPI-T Training

Advanced Research Training Program

- Junior investigators with MS or MPH
- 36 mos (all mentored research time)
- 50% protected time for 24 mos
- \$10,000/year in research support for 3 yrs
- Must publish at least 1 manuscript and write R21

Comp Research Training Program

- Junior investigator
- 6 mos didactic training, 18 mos mentored research
- 50% protected time for 24 mos
- \$10,000 in research support
- At least 1 published manuscript

Progress to Date

- ***Advanced Research Training Cohort 1***
 - HIV drug resistance among pregnant women in northern Tanzania – Eva Muro
 - The aetiology, associated factors and antimicrobial sensitivity pattern among under-five children with radiologically confirmed pneumonia post enrolment of pneumococcal conjugate vaccine in Tanzania – James Ngocho

Progress to Date

- Preparedness of health facilities in management of and quality of services delivered to hypertensive patients in Kilimanjaro health facilities – Juma Adinan
- Heart failure Outcomes in Adults Outpatients attending referral Hospitals in Mwanza City - Bahati Wajanga
- Renal disease and Schistosomiasis in Tanzanian Primary Schools children in Mwanza: a prospective cohort study – Neema Kayange
- Epilepsy Management among People of Mwanza – Haruna Dika

Progress to Date

- ***Advanced Research Training Cohort 2***
 - Adherence and challenges in PMTCT infant feeding recommendations under option B+ Rune Philemon
 - A comprehensive regional approach to determine barriers and optimize contraceptive uptake during post abortion care in Hai District – Eusebious Maro
 - Prevalence, genetic predisposition, Immuno-histological markers histopathology and outcome of hematological malignancy in children seen at Kilimanjaro Christian Medical Center – Esther Majaliwa

Progress to Date

- Etiology, disease course and outcome of neonates with “Sepsis like illness” admitted in Mwanza City hospitals – Adolfine Hokororo
- HIV in elder "Prevalence of hypertension and diabetes mellitus- Wemaeli Mweteni
- The role chronic maternal helminths infections on maternal Malaria and antimalarial immune profile among primigravidae women and their influence on infants’ antimalarial immune responses – Humprey Mazigo

Progress to Date

- ***Comprehensive Research Training***
 - Presentation barriers to diagnosis and management outcome of patients with colorectal cancer at KCMC – Ayesiga Herman
 - Cardiac abnormalities with their associated factors among HIV positive adult patients at KCMC – Furaha Lyamuya

Acknowledgements

- MEPI-JF in Tanzania supported by Fogarty International Center and;
 - i. NIH Common Fund, Office of Strategic Coordination, Office of the Director (OD/OSC/CF/NIH)
 - ii. Office of AIDS Research, Office of the Director (OAR/NIH)
 - iii. Office of Research on Women's Health, Office of the Director (ORWH/NIH)of the National Institutes of Health under Award Number D43 TW010138.