



Joint Malaria Programme

KCMC – LSHTM – NIMR – CMP PO BOX 9653 , Dar es salaam, Tanzania. Ph. +255 (0)22-2126531/2
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ADVERTISEMENT FOR A PhD POSITION

The National Institute for Medical Research (NIMR) is a not for profit Parastatal Organization under the Ministry of Health and Social Welfare, Tanzania that was enacted by the Parliament Act No. 23 of 1979. Through the Joint Malaria Programme (JMP) collaborative network between NIMR and other partners within Tanzania and Europe, NIMR has been conducting Biomedical Research all over Tanzania and beyond. Through the JMP collaborative network we are pleased to announce suitably qualified applicants for a PhD position. The successful PhD candidate will be registered at the Kilimanjaro Christian Medical University College from February 2014 and conduct his/her field work in Korogwe.

Background to the Project

Anaemia and non-communicable diseases (NCDs), including diabetes and hypertension are major health problems in the developing world. The developing world has been experiencing the highest burden of NCDs and anaemia. How anaemia affects foetal growth and its effect on the risk to NCDs is not well established. This project will shed light on the role of anaemia before and during pregnancy on placental development, intrauterine growth and foetal programming, including epigenetic changes. The FOETALforNCD (Foetal exposure and Epidemiological Transition: the role of Anaemia in early Life for Non-Communicable Diseases in later life") project is funded by The Danish Council for Strategic Research. The project will be lead by both Dr. John PA Lusingu as the Local (Tanzanian) Principal Investigator and Professor Ib Bygbjerg as the International (Danish) Principal Investigator. All the PhD related costs including tuition fees and stipend will be met by the FOETALforNCD project.

Duties and Responsibilities for the PhD Student

The PhD student will be registered at the Kilimanjaro Christian Medical University College, Tanzania and will conduct his/her PhD training from February 2014 - January 2017. His/her PhD will focus on the clinical aspects of anaemia and NCDs. The thesis will specifically focus on characterization of the health of women aged 18-40 years, including pre-pregnancy and pregnancy risk factors for anaemia. Furthermore, his/her thesis will focus on the consequences of anaemia on foetal growth.

The PhD student will be trained in ultrasonographic examination and participate in all clinical data collection under the supervision of Scientists from Centre for Medical Parasitology, Denmark and NIMR, Tanzania. The PhD student is expected to assist in the daily coordination of field activities at Korogwe District Hospital and satellite dispensaries within Korogwe. After the completion of the field study and validation of databases by April 2016, s/he will spend part of his/her time at the University of Copenhagen, Denmark completing course work, data analyses, manuscript preparation and finalization of his/her PhD.

Minimum Requirements

The applicant for the PhD studentship is required to have the following minimal requirements:-

1. Professional within Biomedical/Health Science preferably a Medical Doctor, Nurse or Nurse-Midwife aged less than 45 years of age
2. Masters degree in the field of Biomedical/Health Sciences from a reputable and recognized University within the past 1 to 10 years
3. Experience with working in research projects (e.g. clinical trials, observational studies), preferably in resource poor settings.
4. Experience with handling and managing (preferably larger) research projects and datasets
5. Ability to work independently with minimal supervision

Duration of the PhD Training

The successful PhD candidate will conduct his/her field studies and training from 1st of February 2014 – 31st of January 2017. Most of the field work will be conducted in Korogwe, and the PhD student is obliged to stay in Korogwe in full time during the first two years of his/her PhD training and the last part of the training preferably after the completion of the field work in Tanzania s/he will be in Denmark for course work and other laboratory analyses as deemed necessary.

Mode of Application

The application package should include a motivation statement detailing your research interests, the reasons for applying for this PhD studentship, the most recent curriculum vitae showing the educational background and research experience, as well as list of two referees (their emails and mobile phone numbers) who supervised the applicant in Biomedical related research work. Suitably qualified applicants should submit their applications by email to:-

The Director, NIMR Tanga Centre

Email: marthalemnge@yahoo.com while copying jpalusingu@yahoo.co.uk; iby@sund.ku.dk and christentzeschmiegelow@hotmail.com

Only suitably qualified applicants will be shortlisted and invited for interviews that will be held in Moshi between 20th and 21st January 2014. If you do not hear from us until 17th January 2014, consider yourself unsuccessful. The deadline for this application is strictly **by midday 13th January 2014**.