



ZELS PROJECT



University
of Glasgow

EMPLOYMENT OPPORTUNITY

The Nelson Mandela Africa Institution of Science and Technology (NM-AIST) wishes to announce the position of a Laboratory Technologist to support a number of collaborative research projects investigating infectious diseases that can be transmitted from wild or domesticated animals to people (zoonoses).

The advertised position will contribute to a broad programme of work composing three projects, namely: “Investigating the social, economic and environmental drivers of zoonoses in Tanzania” (SEEDZ); “Hazards associated with zoonotic and enteric pathogens in emerging livestock meat pathways” (HAZEL); and “Molecular Epidemiology of brucellosis in northern Tanzania” (BRUCELLA). These projects are funded through the UK’s Department for International Development (DfID) and Research Councils UK (RCUK) through the Zoonosis in Emerging Livestock Systems (ZELS) programme.

Position: Laboratory Technologist (1post)

(a) Work station: The recruited person will be based primarily at the ZELS project laboratory at Kilimanjaro Clinical Research Institute (KCRI) in Moshi, Tanzania, where they will report to senior KCRI and NMAIST personnel as well as ZELS project coordinators.

(b) Duties and responsibilities:

- Receive and process specimens from field projects including diagnostic samples from animals, humans and the environment.
- Sample archiving including data entry and management to maintain up to date sample archives.
- Perform microbiological tests using manual and automated procedures and methods.
- Perform DNA extractions and PCR based pathogen detection assays.
- Perform serological tests for a range of study pathogens in both human and animal serum.
- Operate laboratory equipment according to standard protocols and maintain inventory.
- Perform laboratory tests with increasing competency, productivity and in accordance with Good Clinical Laboratory Practice standards and safety requirements.
- Promote a total quality environment by providing, recording and reporting precise and accurate laboratory results and participating in quality assurance activities.
- Contribute to Special Projects and work in other laboratory sections as assigned

(c) Essential Attributes

Experience in basic laboratory techniques, and practices including quality control and quality assurance. Training in Good Clinical laboratory practice (GCLP) desirable. Computer skills including word processing, spreadsheets, basic data entry, and email required. Good English communication skills essential, both verbal and written.

(d) Required Qualification

Degree (BSc level) in Medical/Veterinary Laboratory Technology or similar discipline or Diploma with research laboratory experience

(e) Salary

- 1 year renewable contract; probation period of 6 months
- Attractive salary in line with national standards, 1,400,000/= T.shs
- Anticipated start date – February 2017

(f) Mode of application

All applicants are required to submit their applications including the following:

- Cover letter.
- Curriculum Vitae.
- Certified photocopies of relevant certificates and academic transcripts.
- Names and contact details of at least two referees.
- Contact details: telephone, e-mail and postal addresses.
- Individuals currently employed in the Public Service should route their applications through their employers.

Closing date for receipt of applications: 15th January 2017

All applications should be addressed to:

ZELS Project Administrator

The Nelson Mandela African Institution of Science and Technology (NM-AIST)
P.O. Box 447 Arusha,
TANZANIA

Please also send an electronic copy of application to: dassa.nkini@nm-aist.ac.tz and will.deglanville@glasgow.ac.uk