



Postdoctoral Training Fellowship (PDTF) position in East Africa

Ref: PDTF-NM-AIST

The Wellcome Trust funded consortium Afrique One-ASPIRE (African Science Partnership for Intervention Research Excellence) is seeking to appoint a Postdoctoral Training Fellow (PDTF) to coordinate and assist in the delivery of short courses and mentorship to African post graduate students and postdoctoral scientists in the subject area of ecosystem and population health, and to participate in research activities that build on and complement those of the consortium.

Afrique One-ASPIRE is a consortium developing research within the One Health framework, targeting zoonotic and emerging diseases and taking into account human, animal and environmental components to identify integrated solutions for elimination. The consortium comprises nine core institutes in East and West Africa. Further details of the consortium can be found at www.afriqueoneaspire.net.

The PDTF will be responsible for the scheduling, logistic organization and delivery of multi-day courses and summer schools in East Africa, including follow-up support. The position will be based at the Nelson Mandela African Institution of Science and Technology in Arusha (NM-AIST) in Arusha, Tanzania but it is anticipated that the PDTF might visit other institutes within the consortium to determine and prioritize training requirements, become familiar with the consortium's set of training modules and to deliver courses. The PDTF will have opportunities to pursue their own research interests, ideally aligned to the goals of the consortium and conducted in collaboration with members of the consortium. The position is funded for up to 5 years.

The NM-AIST belongs to a network of Pan-African Institutions of Science and Technology located across the continent. These institutions envision training and fostering the next generation of African scientists and engineers with a view to impacting profoundly on the continent's development through the application of Science, Engineering and Technology (SET). Currently NM-AIST focuses on offering

Master and PhD degrees in Life Sciences and Bioengineering, Water and Environment and Computational Sciences. Being recognized as the only research University in Sub-Saharan Africa, NM-AIST has state of the art laboratories and a strong research environment. Furthermore, NM-AIST is located in proximity of great tourist attractions including Mt Kilimanjaro, which is the highest mountain in Africa and the Ngorongoro, Tarangire, lake Manyara and Serengeti National Parks.

Responsibilities

- Identify training needs of trainees
- Develop and deliver training modules according to the trainees' skills
- Organize cohort training (short courses and summer schools)
- Identify potential resource persons for the training
- Manage training budgets
- Plan logistics for trainees (e.g. travel, accommodation, meals)
- Write training reports
- Participate in raising funds for research focusing on One Health

Requirements

- A PhD in biological sciences (disease research is an additional advantage)
- A range of quantitative skills
- Extensive experience in research and teaching
- Proficient in English
- Strong general communication skills
- A track record of publishing original research
- Demonstrated ability to attract research funding
- Demonstrated ability to develop web-based resources

Experience in the following areas will be considered an asset

- Experience in managing research programs and/or mentoring graduate students
- Experience of conducting research/teaching in Sub-Saharan Africa
- Ability to communicate effectively in French

For more information, please contact Joram Buza (joram.buza@nm-aist.ac.tz) or Aurélie Cailleau (a.cailleau@csrs.ci).