



Call for Postdoc Fellowship application in the Afrique One-ASPIRE project

Applications are invited from suitably qualified applicants for one **Postdoc fellowship position** in the Thematic Training Program five (TTP5) which focuses on Human and Animal Disease Surveillance-Response Systems, as described below.

TTP5: Human and Animal Disease Surveillance-Response Systems

TTP5 aims to address the need to increase the reporting of zoonotic diseases through integration of human and animal surveillance systems, the use of innovative surveillance tools and involvement of communities in disease reporting. This TTP will focus on three themes:

1. Surveillance tools and community involvement
2. Surveillance-response systems
3. Cost-benefit analysis of integrated human-animal disease surveillance systems

Theme 1: Surveillance tools and community involvement

Project Title: New tools for integration of animal disease surveillance into existing HDSS in Sub-Saharan Africa

Enrolment & Duration: The postdoctoral fellow will be enrolled at IRED, Chad or NM-AIST, Tanzania and will work in collaboration with all Afrique One-ASPIRE project TTPs (1-5) for one and half years.

Project Description: The control and elimination of zoonotic diseases will depend on adequate collection and compilation of all necessary data related to each disease. However, currently, one of the major impediments to zoonotic disease surveillance is poor reporting, particularly for animal diseases. As compared with the animal disease surveillance systems in place, the ones specific to humans are better equipped to collect information which is partially due to the existence of Health and Demographic Surveillance Systems (HDSS). It has been established that

outbreaks of many zoonotic diseases in humans can be traced back to animal infections in the same area. Integration of animal disease surveillance in pre-existing HDSS will therefore enhance zoonoses surveillance that will account for both human and animal diseases. The postdoc will be expected to develop and test tools for integrating animal disease surveillance into HDSS such as questionnaires and others in West and East Africa.

Mentorship Team: Richard Ngandolo Bongo (IREG); Joram Buza and Emmanuel Mpolya (NM-AIST); Julius Keyyu (TAWIRI); Esther Schelling, Jürg Utzinger and Jakob Zinsstag (Swiss TPH); Daniel Haydon and Sarah Cleaveland (UoG); Phare G. Mujinja (MUHAS); Bassirou Bonfoh (CSRS); Enock Matovu and Vincent P. Alibu (MAKUN); Lucas Matemba (NIMR)

Qualifications: The candidate must be a citizen of an African country. Candidates with a background contributing to One Health will be considered (e.g. Public health, veterinary and animal sciences, social sciences, geography, epidemiology and health economics). Candidates with a PhD degree in a different field are preferred and must be completed PhD not more than 5 years ago.

Training: Training will be provided primarily in Chad or Tanzania.

Duration: 2 years

Compensation:

There will be a compensation of Euro 1,600 per month (Statutory deduction inclusive)

For more information, contact the Co-leads:

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Joram Buza, NM-AIST, Tanzania, joram.buza@nm-aist.ac.tz

How to Apply:

Please send your application via the following email address: dvc-admin@nm-aist.ac.tz

- A letter, of no more than two pages outlining why you are interested in this post and why you consider yourself well suited to undertake the duties outlined.

- A detailed CV listing previous education and other relevant research background, a list of publications, other papers and previous work experience.

Only short-listed candidates will be called for interview.

Closing Date:

Closing Date for application: 29th December 2018