



Africa Technical Research Centre Position Description

Position Title:	Senior Medical Entomologist
Vacancy Ref:	VHI/ATRC/2019/003
Employer:	Vector Health International Ltd (VHI).
Department:	Africa Technical Research Centre (ATRC), Vector Control Unit (VCU).
Type:	Fulltime (3 years' renewable contract)
Location:	Arusha, Tanzania
Reporting to:	Director, Africa Technical Research Centre

Introduction:

Vector Health International Ltd (VHI), a joint venture company between Sumitomo Chemicals Co. (Japan) and A to Z Textile Mills (Arusha, Tanzania) seeks to fill the position of Senior Medical Entomologist to be part of its diverse R&D team at the Africa Technical Research Centre (ATRC) located in Arusha Tanzania.

Position Overview:

This is a senior position whose occupant will be expected to provide scientific leadership on research and development of new innovative vector control tools. He/she will manage all unit staff (scientists, research assistants and technicians) and research facilities/infrastructure (laboratories, insectaries, equipment) at the main campus in Kisongo (~15 km from Arusha city) and at the field station (experimental huts) in Mabogini area of lower Moshi. The successful candidate will be expected to take part in and oversee implementation of all testing (bioassay) activities at laboratory and field station levels. He/she will be in charge of scheduling tests, generating, checking and analyzing data, drafting and finalizing technical reports. The testing activities will mainly be related, but not limited to evaluation of efficacy of long lasting insecticidal nets, indoor residual sprays, larviciding, and treated materials in general. All testing procedures are conducted according to standard guidelines established by WHO and others. The candidate should be able to support product innovation by presenting new ideas and participating effectively in technical discussions.

Responsibilities:

1. Spearhead all R&D activities within the unit and manage all unit research facilities (labs, insectaries and equipment)
2. Effectively manage human resources in the unit and ensure that unit staff continually update skills, knowledge and research methods.
3. Monitor workload of laboratory staff and recommend additional recruitment (with justification) to the Director ATRC whenever necessary.
4. Maintain high quality scientific standards.
5. Conduct experiments under laboratory and semi-field (experimental huts) and analyze data statistically
6. Prepare and regularly update SOPs and work instructions for bioassays and insect rearing
7. Participate in scientific conferences, preparing and submitting back to office reports after attending such scientific meetings.
8. Publish in peer-reviewed journals whenever the product pipeline stage allows, for the promotion of such products.
9. Ensure staff safety in their working environment

10. Maintain and up to date databases
11. Preparing unit budgets, work plans and scientific technical reports

Qualifications and competencies:

1. PhD in medical entomology/vector control with at least 5-7 years' experience in a similar position.
2. Experience in managing complex bioassays and insecticide trials according to World Health Organization standards involving phase 1 (laboratory) and phase 2 (experimental hut) testing.
3. A proven record of research achievements
4. A good understanding of WHO PQ pathway for development of vector control products.
5. Experience in insect rearing and insectary management.
6. Experience in leading and managing teams at work and capacity to technically train and mentor staff on entomological and laboratory testing procedures.
7. Experience in data management and statistical analysis
8. .
9. Experience in writing technical reports on projects and a track record of publishing in scientific journals.

Ability to:

1. Communicate clearly and effectively in written and spoken English.
2. Communicate effectively using PowerPoint presentations
3. Generate and maintain accurate and detailed records from scientific experiments.
4. Read, understand, interpret, evaluate and apply guidelines, protocols, SOPs and relevant literature.
5. Work independently while managing time
6. Accept assignments and follow instructions from persons working at a higher level of authority.
7. Establish and maintain effective collaborative linkages/partnerships
8. Work congenially and cooperatively with others, particularly in a multicultural setting.

What we offer:

1. A leading position in a small team with a unique and focused research portfolio in an international/multicultural environment.
2. The opportunity to work with and learn from qualified and experienced employees
3. A competitive compensation package based on qualifications, skills and experience.

Are you interested?

If you are interested and qualified, please submit your application (**in English and by email only**) to: The Director, Africa Technical Research Centre, P.O, Box 15500, Arusha, Tanzania (atrc@vectorhealth.com) to reach him not later than 15th July 2019. The application package should include: i) a cover letter, ii) a statement of suitability as per the listed qualifications & competencies, iii) an up-to-date CV with names of two referees and their full contact details. Only shortlisted candidates will be contacted. The selected candidate will be expected to start on 1st August 2019.

VHI is an equal opportunities employer