

JOB DESCRIPTION

Role Summary

The Field Survey Technician New Nets Project will be employed at PNGIMR. The role is responsible for conducting entomological and insecticide treated nets surveys in the GF New Nets Project under the guidance of the project team leaders and senior scientific staff. The position includes field and laboratory-based work. The successful candidate will be expected to work independently in conducting population surveys and entomology surveys and guiding mosquito collection volunteers and maintaining good communications with the senior scientific officers and laboratory head.

Reporting and supervision:

The position will report to team leader, senior scientific officers and management personnel in the Vector-borne Diseases Unit of PNGIMR. The Team Leader New Nets Project at PNGIMR will provide supervision daily including tasking and attendance to work.

Key Responsibilities

1.	Conduct mosquito field surveys including human landing collections, barrier screen surveys and indoor resting collections with minimal supervision as required and advised by the field team leader and senior scientific staff.
2.	Travel to and stay in field study sites for night activities for short- and long-term field work (from 1 day to up to 2 months)
3.	Maintain constant communication with field team leader or other line manager as applicable. Immediately notify line manager of any unforeseen issues or developments.
4.	Liaise with study communities during field surveys as instructed by the team leader including toksavees and community awareness events, relaying relevant dates for the teams expected arrival to relevant villages.
5.	Assist with preparations for field surveys as instructed by field team leaders
6.	Recruit, train, coordinate and supervise mosquito collection volunteers and other volunteers in field surveys
7.	Identify mosquitoes to species level, and sort and preserve and label collections from mosquito surveys
8.	Enter mosquito collection data in an accurate and timely manner during surveys or immediately after the collection is completed. Keep accurate paper and electronic data records and store mosquito samples according to the agreed upon storage plan
9.	Conduct surveys for ITNS with participants in the communities as instructed by the team leader.
10.	Conduct mosquito bioassays in the laboratory, mosquito tunnel and experimental huts with limited supervision
11.	Assist with general insectary duties including rearing and maintaining mosquitoes and cleaning equipment.
12.	Maintain clean and organised workspaces and keep equipment in working order. Fill out all relevant equipment usage logbooks
13.	Communicate with and update line managers as per agreed upon schedule. Immediately notify line managers of any unforeseen developments during field surveys.
14.	Comply with all IMR's policies at all times (travel policy, OHS policy, etc.)
15.	Ensure good work relationship between team members. Record and report KPIs for team members (e.g., attendance)
16.	Other duties as and when required

Key performance indicators

Good performance by the person in this post will result in the following outcomes:

- Efficient and successful mosquito field surveys yielding high-quality samples and data.
- Join field trips and conduct research activities at night.
- Field team leader is aware of any activity of the technician staff at any time.
- Technician staff complies with any instructions received from field team leader or other line manager as appropriate.
- Efficient, outcome-oriented, and respectful engagement with communities and provincial stakeholders
- Good relationships with communities are built and maintained.
- Field and all required equipment are prepared and checked before during and after field surveys.
- Mosquito collection volunteers are efficiently recruited, trained, coordinated and supervised to result in high-quality mosquito collections.

- Other volunteers for studies in the mosquito tunnel or experimental huts are appropriately instructed, coordinated and supervised, resulting in high-quality data.
- Efficiently and accurately identify, sort and preserve mosquito samples, and correctly label mosquito collections.
- Data input in a timely and accurate manner.
- Should be able to prepare and take notes during interviews with study participants.
- Run mosquito bioassays in accordance with the direction of scientific staff, IMR policies and procedures and funding bodies.
- Should be able to assist in the insectary when needed.
- Workspaces should be clean and organised, equipment is in working order and supervisors are notified of equipment failures immediately.
- Punctuality and attendance of the Field Technician is exemplary.
- Compliance of Field Technician with IMR policy is essential.

Essential and desirable criteria:

- Grade 12 Certificate (essential)
- Team player and can work independently (essential)
- Flexible and self-disciplined (essential)
- Current Police Clearance and Medical Report (essential)
- Previous experience in managing research projects or other health-related projects (desirable)
- Previous experience of managing staff/teams in corporate or public sector (desirable)
- Financial accounting experience (desirable)
- Madang-based applicants will be preferred but all applicants will be considered (desirable)

Core qualities:

- Excellent communication skills and ability to work effectively and collaboratively with others,
- Honest, hardworking with strong integrity and accountability in all aspects of designated role,
- Willingness to engage in further training,
- Commitment to duties and willingness to take on extra duties as required.

Salary and Benefits:

- Salary & benefits will be based on PNGIMR National structures and will be negotiated with preferred candidate.