**Research support officer – lab manager**

**Role Summary**

This title will apply to a person of appropriate qualifications e.g., BSc, MSc or PhD employed on a contract for the purpose of supporting a research lab within a research centre or institute. A Research Support Officer – Lab Manager will work under the direction of one or more Principal Investigator(s)/Senior Researcher(s) within a dedicated laboratory on one or more research projects.

**Key Accountabilities:**

* To undertake research within a lab under the direction of a PI or his/her nominee as required.
* To provide specific research and technical expertise to support the on-going research within a lab and supporting the research team in a lab.
* To provide technical support to lab members, including the use and maintenance of research equipment and other research services.
* Training of researchers and students on techniques and equipment in the lab.
* To liaise with the Principal Investigator and colleagues on matters relating to the research project.
* Responsibility for the day to day health and safety within the lab.
* To perform a variety of technical duties involved in conducting lab experiments and determinations to obtain data for research purposes.
* Develop methods of laboratory experimentation and to apply knowledge of scientific theory where required.
* To compile, analyse, document and draw tentative conclusions from experimental results.
* To maintain lab books and lab reports.
* To review laboratory methods manuals, scientific journals, abstracts and other literature for information applicable to research experiments.
* To assist PI’s and other researchers in performing lab work.
* To maintain a sufficient inventory of materials, supplies and equipment for performance of duties.
* To review work of junior level laboratory personnel within designated areas and assist in training new personnel, as agreed and as appropriate.
* Coordinate lab activity to support the research area/project.
* Determine the purchase of equipment based on budget allowances, in association with the Principal Investigator.
* Assist in setting up of lab equipment.
* Demonstrate care and use of equipment required.
* To train staff and students in the application and use of new equipment.
* Develop methods of laboratory experimentation, applying knowledge of specific theory.
* To perform other related duties incidental to the work described herein.
* To carry out additional duties as may reasonable be required within the general scope and level of the post.

*The list of duties detailed above is not intended to be exclusive or restrictive and may be adjusted dependent on the area of research.*

**Criteria**

* A graduate qualification in a field of discipline relevant to the area of investigation i.e. BSc, MSc or PhD.
* Significant experience in laboratory practices and practical report writing.
* Demonstrable achievements in delivering results.
* Strong laboratory skills and statistical analysis.
* Ability to interact with stakeholders from a range of disciplines,
* Excellent attention to detail.
* Capability of working effectively within a team to achieve results,
* Excellent computer and analytical skills**.**
* Excellent organisational and communication skills.
* First Aid and Health and Safety Training.