

Research Scientist

Professional & Managerial Band 07

Positions at this level are accomplished professional researchers who normally hold a PhD or equivalent qualification and are very specialized in their field. They may be involved in large collaborative research projects that span across multiple sites, principal investigators and/or partnerships.

Typical Duties may include some or all of the following:

- Applies specialized knowledge to conceptualize, design, develop, coordinate and manage major research projects
- Compose, lead and conduct research as an independent investigator or as a co-investigator
- Oversees the set-up and running of planned experiments, ensuring that experiments are appropriately supervised and resourced
- Applies advanced scientific principles to develop and adapt analytical techniques, trouble shoots research methods, modifying research protocol and experimental design
- Carry out complex experiments using advanced techniques
- Develops collaborations and partnerships with other researchers and industry partners to help shape research direction and ensure effective research transfer
- Plays a major role in research collaborations with industry, providing consultation, setting up research trials, negotiating funding support and building partnerships
- Seeks new research opportunities and leads or participates in the development of new projects and proposals, negotiating research agreements
- Participates and presents research findings at national and international conferences

Decision Making/Accountability: Independent judgement and autonomy required to conceptualize and design research plans and protocols, and exploring new research methods and techniques.

Supervision Received: Supervisor provides overall goals and direction, and provides final oversight on project plans and final budget.

Supervision Exercised: Provides supervision and guidance to other research staff within research project. May include advising/supervising undergraduate and/or graduate students. Provides expertise and guidance to others (including research team and students) as subject matter expert and project coordinator.

Working Environment: Work may be performed in an office, laboratory, or field work outside, with potential exposure to outdoor elements, temperature extremes, chemicals and/or hazardous materials or equipment. May operate machinery or equipment or work with animals, where there is an increased risk of injury.

Minimum Qualifications:

- PhD in relevant field of study, with a minimum 1 to 2 years of practical experience as an independent researcher
- Or equivalent combination of education and experience (some roles may require more extensive experience or training in a particular area of research)