

Non-Clinical (PhD) Scientist, Provincial Public Health Laboratory Edmonton, Alberta

Alberta Precision Laboratories (APL) North Sector, Provincial Public Health Laboratory in Edmonton, Alberta is seeking a qualified full time Non-Clinical PhD Scientist with expertise in testing for pathogens of public health significance, population-based screening, laboratory surveillance to support cluster detection and disease trends of public health significance, specialized diagnostic testing, environmental water testing, education, and research. Molecular diagnostics including genomics approaches are key to effective and timely response of ProvLab to emerging pathogens.

The Non-Clinical PhD Scientist is a Program Leader position. The Program Leader plans, organizes, implements, and supervises all activities including research of the designated Program(s) for the Provincial Public Health Lab.

The Program Leader will ensure the Program supports the direction and objectives of the ProvLab by developing a strategic plan, research projects, including goals and objectives for 1-3-5 years of collaborative, coordinated delivery of non-clinical laboratory services in the ProvLab. Responsibilities include provision of innovative quality program services to the clients and stakeholders of the Provincial Public health Lab, research and development, and undergraduate teaching as required. The Program Leader will coordinate and collaborate with technical staff, managers and physicians to ensure that the quality of laboratory services support the mandate for Public Health Lab and meet provincial, national and international standards. This position provides public health microbiology expertise through leadership and support to operational program staff and senior leadership related to the provincial public health lab testing mandate. The core functions of ProvLab include (but are not restricted to) testing for pathogens of public health significance, population-based screening, laboratory surveillance to support cluster detection and disease trends of public health significance, specialized diagnostic testing, environmental water testing, education, and research. Molecular diagnostics including genomics approaches are key to effective and timely response of ProvLab to emerging pathogens.

This individual will also be expected to participate in the undergraduate and post-graduate training programs of the University of Alberta and develop an ongoing research program that complements the activities of ProvLab. The Faculty of Medicine & Dentistry has been internationally recognized as among the world's top 50 medical schools and as one of Canada's premier health-education institutions and is located in Edmonton.

Accountabilities for this role include, but are not limited to: liaison with clinical users of laboratory services in regards to scientific operational issues and decisions related to the relevant laboratory section; participation in test interpretation and reporting; providing knowledge transfer of emerging and innovative methodologies and procedures to staff and colleagues; providing input to leadership regarding quality improvement and strategic planning for the program; and facilitation of communication with and provision of expertise to external stakeholders, customers, and peer organizations.

Candidates must be able to demonstrate:

- Effective communication, experience in quality assurance, operational efficiency and appropriateness of care;
- Ability to work in a dynamic, changing environment that allows for delivery of quality service;
- Ability to balance service and quality imperative in a resource-sensitive environment; and the
- Ability to work collaboratively, building trust in working relationships as an overall team player.

The successful candidate shall have a PhD in Medical Microbiology or related field. Preference will be given to candidates with demonstrated relevant public health or clinical microbiology laboratories, and academic experience, including expertise in molecular diagnostics and microbial genomics.

Alberta Health Services offers a competitive remuneration package including relocation assistance. The normal salary range for non-clinical PhDs in Alberta is \$117,000 – 147,000.

Interested, qualified persons should forward their curriculum vitae and contact information of three referees via the APL Career website: [Career Opportunities | Alberta Precision Laboratories \(albertaprecisionlabs.ca\)](https://albertaprecisionlabs.ca)

The posting will remain open until a suitable candidate is found. Please note that all employees new to APL must provide a criminal records check in compliance with the Protection for Persons in Care Act.

*In accordance with the Canadian Foreign Workers requirements, all qualified candidates are encouraged to apply; however, Canadians citizens and permanent residents of Canada will be given priority. Alberta Precision Laboratories (APL) respects, appreciates and encourages diversity. **This position is available for AHS Sponsorship and relocation assistance.***