

Whirling Disease Scientist

Scientific 3

Alberta Environment and Parks, Edmonton. The Government of Alberta is committed to a diverse and inclusive public service that reflects the population we serve to best meet the needs of Albertans. Consider joining a team where diversity, inclusion and innovation are valued and supported. For more information on diversity and inclusion, please visit: <https://www.alberta.ca/diversity-inclusion-policy.aspx>

We support Albertans in being proud stewards of air, land, water, and biodiversity by leading the work required for the desired environmental outcomes and sustainable development of natural resources.

For more information about the Ministry of Environment and Parks, please visit our website at: <http://aep.alberta.ca/>

As the provincial Whirling Disease Specialist, this position is responsible for managing and directing the Whirling Disease Laboratory, which tests and monitors fish populations for infection with *Myxobolus cerebralis*. This position is the scientific expert in the Department and the Ministry in understanding the disease complexities and detection of this reportable fish pathogen in Canada. This position also provides leadership and knowledge transfer and plays a key advisory role in the application of new scientific knowledge of whirling disease to aquaculture and fisheries science. The Whirling Disease Specialist provides the Whirling Disease Program with scientific leadership, guidance, service and credibility in the science of whirling disease diagnosis in Alberta and Canada.

To be successful in this position, the incumbent should possess the ability to exercise independent decision making by applying professional standards to personal judgement and objectivity in dealing with clients and programs.

Salary: \$2,963.75 - \$3,904.80 bi-weekly (\$77, 353 - \$101, 915 annually). Closing Date: July 11, 2018. Job ID #1049583

Qualifications: A post-graduate degree (Ph.D.) in a scientific discipline such as microbiology, fish diseases, veterinary medicine, laboratory science, or similar fields supplemented with a minimum of 2 years of fish disease experience.

Equivalency: Master's degree, DVM or MD plus 4 years of related experience.

- University graduation in a related field, plus 6 years of related experience.
- Working experience with principles, theories and techniques of microbiology and fish disease diagnosis; epidemiology and surveillance methodologies are required.
- Expertise and extensive experience in application of diagnostic techniques in parasitology is required.
- Expertise and experience in application of advanced diagnostic techniques in virology and bacteriology and knowledge of zoonotic disease potential is an asset.
- Knowledge of biosecurity and decontamination principles & efficacies of treatments for various microbial agents is required.
- Experience in fish parasitology (especially microscopic parasites, such as myxozoans) is an asset.
- Previous supervisory or management experience is an asset.

- Specific courses in advanced fish disease diagnosis (as offered through USFWS, UPEI, Oregon or Washington state universities).

Competencies are behaviours that are essential to reach our goals in serving Albertans. We encourage you to have an in depth understanding of the competencies that are required for this opportunity and to be prepared to demonstrate them during the recruitment process. The links below will assist you with understanding competencies:

<http://www.psc.alberta.ca/Practitioners/?file=learning/apscompetencies/titlepage&cf=9>

<http://www.psc.alberta.ca/learning/apscompetencies/apscomp-self-assessment-questionnaire.pdf>

Agility - Is aware of and adapts to changing priorities created both externally and as an outcome of evolving lab-generated whirling disease findings. Creates opportunities for improvement (in lab methodologies, in prioritization of sampling, lab information management, and in sharing of results with stakeholders and national agencies).

Drive for Results - Supervises staff for the delivery of processing large volumes of samples, maintaining biosecurity and sample integrity. Strives for accurate and timely results; is challenged to interpret complex results and present them in a form and mapping that can be easily interpreted by resource managers.

Develop Networks - develops and maintains effective partnerships with provincial, national and international scientific communities, as well as other government agencies and NGOs for sharing Alberta whirling disease surveillance information and implementing cooperative research. Most of previous whirling disease research has been in Europe or the US - much expertise is out of country; networking is a must.

Creative Problem Solving - As whirling disease is new to Canada, our testing techniques are breaking new ground. Position has autonomy to choose appropriate scientific principles to address various situations, thus leading-edge innovation is expected for providing results, research and creation of complex models to aid fish health management decision-making.

This position may be used to fill future vacancies across the Government of Alberta, at equal or lower classification and salary.

This is a one-year temporary employment opportunity with a possibility for extension. This position may be used to fill future vacancies across the Government of Alberta, at equal or lower classification and salary.

What we offer:

- Comprehensive benefits plan: <http://www.psc.alberta.ca/Employees/DocList122.cfm>
- Pension plan: http://www.pspp.ca/members/publications/PSPP_Member_Handbook.pdf
- Health Spending Account:
<http://www.psc.alberta.ca/Practitioners/?file=benefits/healthspendingacct/overview&cf=2>
- Leadership and mentorship programs
- Professional learning and development
- Positive workplace culture and work-life balance.

Online applications are preferred via www.jobs.alberta.ca. Applicants are advised to provide information that clearly and concisely demonstrates how their qualifications meet the advertised requirements, including education, experience and relevant examples of required competencies.

Note: As only one file can be uploaded, please ensure your cover letter, resume and any other related documents are submitted in one file. Please ensure that this document is saved using the naming convention of your last then first name followed by the seven-digit Job Opening ID number (Smith,Joe_XXXXXXX). Applicants who apply online will be able to track the status of this competition.

If you are unable to apply online, please contact us at (780) 422-5887.

It is recommended that applicants who have obtained educational credentials from outside of Canada and have not had them previously assessed, obtain an evaluation of their credentials from the International Qualifications Assessment Service (IQAS) - <http://work.alberta.ca/iqas>
It is recommended that applicants include the assessment certificate from IQAS or any other educational assessment service as part of their application.

Position Profile

<https://www.alberta.ca/jobs/pprofile/pp1049583.htm>

We thank all applicants for their interest. All applications will be reviewed to determine which candidates' qualifications most closely match the advertised requirements. Only individuals selected for interviews will be contacted.

If you require any further information on this job posting, please contact us at (780) 422-5887. If this competition is closed as per the closing date noted above, please continue to check <http://www.jobs.alberta.ca> for a listing of current career opportunities with the Government of Alberta.

www.jobs.alberta.ca