

David L Nieland

Subject: Post-doctoral position at the University of British Columbia

Post-doctoral Fellow: Cumulative effects across spatial scales in freshwater ecosystems

University of British Columbia, Vancouver, Canada

Closing date for applications: 7th December 2014 Start date: ASAP or by 1st January 2015 if possible

We are seeking a Post-Doctoral Fellow for a collaborative project between University of British Columbia, Trent University and University of Ottawa, examining cumulative effects within and across spatial scales for small streams and larger catchment networks. The effects of interest include all possible responses to land-use changes, such as hydrology, chemistry, geomorphology and biology.

The ideal candidate will have excellent quantitative skills in spatial statistics and modelling, and expertise with flowing-water ecosystems, especially their biology or hydrology. Ability to program in a language such as R or Matlab would be highly desired, as would experience with GIS applications software. The most qualified applicants will have relevant experience, expertise in biological and physical processes in streams, and a strong interest in stream and riparian systems and disturbance.

Evidence of successful participation in team projects would be helpful.

Applicants must have completed and defended their Ph.D. by the start of the appointment. Previous peer-reviewed scientific publications are highly desirable. Interested applicants should submit the following:

- 1) Cover letter, C.V., and the names and contact information for three references
- 2) Unofficial transcripts
- 3) Examples of your published work

Funding is available for one year, with a second year for reappointment pending satisfactory performance.

The position will involve field research in a number of locations in southern British Columbia and Ontario. The Post-Doctoral Fellow will be based at the University of British Columbia under the supervision of John Richardson and Dan Moore.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. However, Canadian citizens and permanent residents in Canada will be given priority. We especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities.

For more information or to apply, contact:

Dr. John Richardson, University of British Columbia john.richardson@ubc.ca