



## **Postdoctoral Position**

### **Tree rings and marine subsidies in old growth watersheds of coastal British Columbia**

**Dept of Biology, University of Victoria and the Hakai Institute, British Columbia**

22 March 2017

The Department of Biology, University of Victoria and the Hakai Institute are looking for a postdoctoral fellow. This research builds on a 25 year program originating from the early 1990s discovery of the major bear-mediated uploading of salmon carcasses to the riparian zone and the resultant integration of these marine derived nutrients throughout the riparian zone.

The postdoctoral fellow will be responsible for analyses and integration of a dataset comprising nitrogen isotope signatures, tree ring growth and associated ecological data for Sitka Spruce from 120 watersheds throughout the British Columbia coast, Canada. The emphasis will be directed towards watershed-specific historical data of salmon abundance (Reimchen and Fox, 2013, BMC Ecology). The post-doc will work primarily in the lab of Thomas Reimchen (Biology) and with Chris Darimont (Geography) and will be expected to integrate the results with other Hakai scholars currently immersed in studies of the marine-terrestrial interface in the north Pacific.

The 1-year position – potentially expanded to two years – will start on September 1<sup>st</sup>, 2017. There will be some lab work comprising dendrochronology and possible supplemental isotopic extraction but the primary activities will be analyses of an existing mega-dataset and publications for peer-reviewed journals. The successful candidate will have advanced quantitative skills, particularly with time series data, and strong knowledge of plant physiology and nutrient dynamics.

The salary will be \$48,000 per year plus Mandatory Employment Related Benefits, and funds will be available for related research and travel. Additional background for this position can be obtained from the websites of Thomas E Reimchen ( <http://web.uvic.ca/~reimlab/>), Chris Darimont (<http://www.web.uvic.ca/~darimont/>) and the Hakai Institute (<https://www.hakai.org/>).

## To Apply

*Please send a letter of interest, including your CV, transcripts including list of publications, and contact details of three references in one single PDF. Send your application to: Dr. T. E. Reimchen(reimchen@uvic.ca) and a copy to Dr. Chris Darimont (darimont@uvic.ca). Begin the file name with your last name. Review of applications will begin on April 30, 2017.*

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