



Postdoctoral Fellow, Biostatistics or Statistics

A Postdoctoral Fellow position with emphasis on metagenomic applications of biostatistics is available immediately to work on an interdisciplinary and collaborative project focused on the genetic analysis of microbial communities for the end goal of enhancing environmental remediation strategies (<http://bit.ly/prqyKC>). The position is located in the research group of Dr. Tony Kusalik, Department of Computer Science, University of Saskatchewan (<http://www.cs.usask.ca>), and in collaboration with Contango Strategies Limited (www.contangostrategies.com). The applicant will perform cutting edge research as part of a collaborative interdisciplinary team working on a \$1.8M project managed by Genome Prairie.

The successful candidate will work collaboratively with an interdisciplinary team of bioinformaticians and microbiologists to develop, test, apply and integrate appropriate biostatistic analyses for assessing relationships between various datasets generated via high throughput sequencing of microbial community DNA and RNA. The Research Associate will provide guidance to junior members of the team (MSc candidates, undergraduate students) and also develop and test methods to find correlates between various qualitative, quantitative, environmental and biological data. This research will be directly supervised by Dr. Tony Kusalik and performed in collaboration with Dr. Monique Haakensen, a microbiologist from Contango Strategies.

The successful applicant must have a Ph.D. and background (including relevant course work and study) in statistics and/or biostatistics. Knowledge of R is required. Relevant experience in Computer Science, Computational Biology, Bioinformatics or a related discipline is considered an asset. Research motivation, good command of English and excellent communication skills are required. Previous experience with biological data analysis is not required but preferred.

This term position will commence as soon as possible and end on April 30th, 2013. The salary offered will be based on training, education and experience. The continuation of appointment is dependent upon satisfactory performance and the availability of funding.

Applicants are asked to e-mail a CV and cover letter to M.haakensen@usask.ca. Applicants with less than 1 year of work experience are encouraged to submit University transcripts.

Applications will be accepted Until November 30th, 2011 or until a suitable candidate is found. We appreciate all expressions of interest, however only those candidates whose backgrounds best suit our requirements will be contacted. All resumes are retained and treated confidentially for consideration of future opportunities.

The University of Saskatchewan is committed to Employment Equity. Members of Designated Groups (women, aboriginal people, people with disabilities and visible minorities) are encouraged to self-identify on their applications.

