Research Associate in Statistical Bioinformatics

Reliable interpretation of genomic and neurological information makes unprecedented demands for innovations in statistical methodology and its application to biological systems. This unique opportunity drives research at the Statomics Lab of the Ottawa Institute of Systems Biology (http://www.statomics.com). The Statomics Lab seeks a Research Associate who will collaboratively develop and apply novel methods of statistical inference to attack current problems in analyzing transcriptomics, proteomics, metabolomics, lipidomics, genome-wide-association data, and/or neuroscience data. The successful candidate will also play a key role in the mentorship of junior members of the lab.

A thorough knowledge of computationally intensive statistics is essential, as is the ability to quickly develop reliable software implementing the statistical algorithms developed. A promising publication record, strong initiative, excellent communication skills, and reception of a PhD or equivalent doctorate in bioinformatics, computer science, mathematics, physics, statistics, any field of engineering, or an equally quantitative field are also absolutely necessary. The following qualities are desirable but not required: expertise in bootstrapping and/or constructing accurate confidence intervals; a working knowledge of biology; familiarly with R, S-PLUS, Mathematica, C, Fortran, and/or LaTeX; experience in a UNIX or Linux environment.

To apply, send a PDF CV that has contact information of three references to dbickel@uOttawa.ca, with "Research Associate" in the subject field of the message. In the message body, concisely present evidence that you meet each requirement for the position and describe your most significant papers and software packages with summaries of how you contributed to them. All applicants are thanked in advance; only those selected for further consideration will receive a response.