Institution/Company:

Morden Research and Development Center, Agriculture and Agri-Food Canada

Location:

Morden, MB, Canada

Job Description:

An immediate one and half year postdoctoral visiting fellow position of bioinformatics and computational biology is available at Morden Research and Development Center, Agriculture and Agri-Food Canada. This position focuses on the research in genetic and epigenetic variations across the Canadian cereal crops with focus on wheat, barley and oat. This position is supported by funds from Agriculture and Agri-Food Canada.

QUALIFICATIONS

* Ph.D. in a related discipline (the natural sciences) from a recognized university within the past five years and a strong publication record.
* Demonstrated experience with computer programming. Expertise in at least one of C, C++, Java, Python or Perl is a must.
* Experience with managing large datasets and database administration.
* Expertise with the UNIX/Linux platform.
* Experience with sequence assembly, alignment, genomic sequence analysis, functional genomics, and genotyping. The ideal candidate will have experience with next-generation sequencing data processing.
* The candidate is expected to simultaneously work on multiple projects, involving an interdisciplinary team of scientists across multiple laboratories.
* Experience in high-performance computing, biostatistics or population genomics is a plus.

SALARY

Successful candidates will be hired as term SE-RES-1 employees. To see the salary scale, please refer to the SE sub-group – SCIENTIFIC RESEARCH SE-RES-1

<http://www.tbs-sct.gc.ca/pubs_pol/hrpubs/coll_agre/re/re-eng.pdf>

APPLICATION  
Canadian citizenship or permanent resident status is not required.

Please enroll the Postdoctoral Research Program at

<https://emploisfp-psjobs.cfp-psc.gc.ca/psrs-srfp/applicant/page1800?poster=785734&toggleLanguage=en>

Also applicants should submit a CV and contact information for 3 referees to:

Dr. Frank M. You

<frank.you@agr.gc.ca>

Morden Research Station, Agriculture and Agri-Food Canada

Morden, Manitoba

Canada