Postdoctoral Fellowship

The University of Guelph is committed to equity in its policies, practices, and programs, supports diversity in its teaching, learning and work environments, and ensures that applications for members of underrepresented groups are seriously considered under its employment equity policy. All qualified individuals who would contribute to the further diversification of our University community are encouraged to apply.

Postdoctoral Fellowship

Department of Integrative Biology, Biodiversity Institute of Ontario

Temporary full-time from March 2, 2016 to March 1, 2017

Three (3) Positions

Hiring #: 2016-0074

The Biodiversity Institute of Ontario, University of Guelph, seeks three highly motivated researchers for a one year Postdoctoral Fellow position. The researchers will work with department faculty and graduate students on Molecular Species Detection using DNA-based tools to support Canada’s food security agenda.

The positions are funded through the Canadian Food Inspection Agency Federal Assistance Program [1] in partnership with the University of Guelph’s Biodiversity Institute of Ontario.

The project is focused on developing and validating genomic tools needed to mitigate risks to food security and environmental biodiversity, particularly those stemming from invasive animal and plant diseases and plant pests. The University of Guelph offers a collaborative work environment with excellent ecological-genomics facilities. The Postdoctoral Fellows will develop molecular methods for the detection of Invasive Alien Species (IAS), plant pests and plant viruses using a variety of approaches (PCR, Sanger sequencing and next-generation sequencing). The candidates will have the opportunity to work closely with governmental and academic researchers and their industrial partners. The candidates will compare results from traditional techniques (e.g. ELISA) with novel molecular approaches. Experience with PCR, sequencing and/or next generation sequencing or sequence data and related bioinformatics / computational / programming skills is strongly desired. Familiarity with one or more of the following would be an advantage: genomics, phylogenetic analyses, programming language (R/Unix/Python or Perl). Experience working with plant pests and/or plant viruses is an asset. The candidates should have a good publication record and the ability to work well in a collaborative research environment. Salary is competitive and commensurate with experience. Openings are available immediately and while the positions are for one year, potential for renewal exists pending progress and available funding.

Applications, including a CV, brief statement of research interests and three professional/academic references (with contact details) should be emailed or sent to:

Dr. Robert Hanner
Biodiversity Institute of Ontario
Bldg. 135, Room 217
University of Guelph
Guelph, Ontario, Canada N1G 2W1
Email: rhanner@uoguelph.ca [2]
The application deadline is March 31st, 2016 or until suitable candidates are found.

Email rhanner@uoguelph.ca [2] for questions regarding this position.

For more information:
University of Guelph: www.uoguelph.ca [3]
Biodiversity Institute of Ontario: www.biodiversity.uoguelph.ca [4]

All qualified candidates are encouraged to apply; however, Canadian and permanent residents will be given priority.

Posting Date: 2016 02 23
Closing Date: 2016 03 31

Source URL (modified on 02/23/2016 - 16:03): https://www.uoguelph.ca/hr/careers-guelph-current-opportunities/postdoctoral-fellowship-0

Links
[2] mailto:rhanner@uoguelph.ca