

Position (postdoctoral fellow): **food microbiology/molecular microbiology**

Dr. Xiaonan Lu's Food Safety Laboratory at UBC invites applications for 1-2 Postdoctoral Fellowship positions, with an anticipated start date of May 1<sup>st</sup>, 2017. The position is located in the Food, Nutrition and Health (FNH) program in the Faculty of Land and Food Systems (Vancouver campus) ([www.foodsafetyengineering.landfood.ubc.ca](http://www.foodsafetyengineering.landfood.ubc.ca)). The successful candidate will execute basic research exploring fundamental stress responses of leading foodborne pathogens (e.g., *E. coli* O157:H7, *Salmonella*, *Listeria monocytogenes*, *Campylobacter jejuni*), bacterial typing, and the roles of new/unknown genetic elements identified through genome sequencing. The candidate will work closely with Dr. Xiaonan Lu (Professor in Food Science) and graduate students, and will be involved in collaborative work with different research laboratories on UBC Vancouver campus. The appointment will be for 1 year with the possibility of extension for two additional years.

Candidates must have a PhD in Microbiology, Food Science, Biochemistry, Genetics, Molecular Biology, or a related field, and preference will be given to those with experience with molecular microbiology. Candidates with demonstrated contributions relating to genome sequencing, transcriptomics, and/or molecular manipulation (e.g., cloning, generation of knockouts, etc.) are encouraged to apply. Candidates are responsible for training graduate students for the basic molecular techniques, such as PCR, qPCR, DNA/RNA extraction, RNA-seq, characterization of antibiotic resistance and bacterial stress/injury etc. Areas of research interest may include, but are not limited to pathogen biology, epidemiology, and risk assessment that result in detection, control and/or prevention of foodborne pathogens within food production systems.

Interested candidates should submit a cover letter, curriculum vitae, and the names and contact information of three references to: Dr. Xiaonan Lu, Food, Nutrition and Health Program, University of British Columbia, Vancouver, B.C., Canada, V6T 1Z4; or electronically (e-applications are encouraged) to [xiaonan.lu@ubc.ca](mailto:xiaonan.lu@ubc.ca).

The application deadline is April 1<sup>st</sup>, 2017 or until a suitable candidate is found. Only those asked for an interview will be contacted.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. We welcome applications from members of visible minority groups, women, aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities. Although Canadians and permanent residents of Canada will be given priority, international applications are welcomed.