

Postdoctoral Fellowship in Bayesian Spatial Modeling and Disease Mapping

Applications are invited for a post-doctoral opportunity in biostatistics, with emphasis on Bayesian spatial modeling and disease mapping. The successful applicant will be involved in (1) developing statistical methodology and analysis of cancer risk factors and incidence in Nova Scotia in collaboration with and supported by Dr. Daniel Rainham (Dalhousie University) and Dr. Nathalie Saint-Jacques (NSHA Cancer Care Program), and (2) Spatial-temporal modeling of COVID-19 prevalence and mortality in Canada supported by NSERC – Emerging Infectious Diseases Modelling Initiative.

Qualified applicants should have: a completed or nearly completed PhD in Statistics or Biostatistics, excellent oral and written communication skills, and exceptional computing skills using R statistical software. Knowledge and expertise in spatial disease mapping models are assets.

The position will be based at the Department of Community Health and Epidemiology, Faculty of Medicine at Dalhousie University. The successful candidate will work under the supervision of Dr. Cindy Feng (cindy.feng@dal.ca) from Dalhousie University and Dr. Patrick Brown (patrick.brown@utoronto.ca) from the University of Toronto. The position will commence as soon as possible. It is a one-year position with an extension subject to satisfactory progress. The salary is based on the applicant's qualifications and will be competitive. Interested candidates are asked to provide by e-mail:

- (1) letter of interest,
- (2) curriculum vitae,
- (3) graduate courses taken and grades obtained, and
- (4) the names and contact information of three references

Screening of applications will begin immediately and will continue until the position is filled. All applicants are thanked in advance; only those selected for further consideration will receive information about the interview process.