



## **Postdoctoral Fellowship Opportunity – Vaccine Epidemiology**

The Department of Epidemiology, Biostatistics and Occupational Health (EBOH) in the School of Population and Global Health at McGill University invites applications for a postdoctoral fellowship in vaccine epidemiology. McGill University is a top-ranked research-intensive university founded in 1821 and located in Montreal, Canada.

The postdoctoral fellow will be supervised by Dr. Nicole E. Basta, PhD MPhil, Associate Professor in EBOH. The fellow will work in collaboration with Dr. Basta to take a leading role and to contribute to multiple studies with the goal of (1) understanding the impact of vaccines and vaccination programs, (2) evaluating and improving vaccine uptake in diverse settings, and (3) assessing infectious disease prevention and control strategies locally and globally. Applicants should have an interest in infectious disease prevention and control and experience with epidemiologic methods and quantitative statistical analyses. This position is designed for an applicant who is broadly interested in vaccine epidemiology and who is eager to both contribute to ongoing research and to develop new research projects of mutual interest in consultation with Dr. Basta. Applicants will have the opportunity to contribute to ongoing research which may include evaluation of the breadth and duration of meningococcal B and meningococcal A vaccines and efforts to understand low uptake and to intervene to increase uptake of influenza, measles, and HPV vaccines, depending upon interests and data availability. Applicants will also have the opportunity to develop new project ideas by taking advantage of the resources available at McGill and in Canada and with research collaborators internationally, including by using existing data and publicly available datasets.

### **Duties:**

The selected applicant will be expected to devote their time to (1) conducting original research, which includes designing research questions, conducting literature reviews, collecting data, accessing existing data, performing data cleaning, conducting data analyses, reporting results, and drafting and revising manuscripts, and (2) supporting ongoing research efforts, which includes undertaking study/grant administration responsibilities, submitting IRB documentation, grant writing, consulting on methods and analyses with other Basta Lab members at the request of the PI, and related study coordination activities.

### **Qualifications:**

Qualified individuals will have a PhD in Epidemiology or a closely related field. Applicants should demonstrate their experience leading and contributing to quantitative epidemiologic research, including participating in the design, implementation, data collection, analysis, and reporting of epidemiologic studies. Applicants should be interested in conducting rigorous research in an academic setting, upholding the highest of research standards, and publishing their research. Experience with a wide range of epidemiologic study designs and mastery of multiple biostatistical methods is strongly

desired. Applicant must possess excellent skills conducting independent data analyses in Stata (preferred) or R. In addition, applicants should demonstrate strong interpersonal and communication skills, the ability to work both independently and as part of a diverse team, the ability to manage multiple projects at once, clarity in written works, clear self-motivation, and a strong work ethic. Demonstrated productivity based on published manuscripts is important. The fellow will be registered as a postdoctoral fellow at McGill University, under the supervision of Dr. Basta.

**Applications:**

To apply for this position, please send (1) a 1-2 page cover letter describing your research to date, your interests in vaccine epidemiology, a short description of a proposed research project idea, and your professional goals, (2) a curriculum vitae, (3) a sample of scholarly writing (a published manuscript or unpublished paper or chapter), and (4) the names and contact information for three referees to provide letters upon request to Dr. Basta at [Nicole.Basta@mcgill.ca](mailto:Nicole.Basta@mcgill.ca). Please include "<Your Name> Post-doc Application" in the subject line of the email.

**Start Date:**

Applicants should indicate the date on which their PhD was awarded or the date their defense is scheduled in their cover letter. Applicant must have plans to receive their degree by the end of 2020 at the latest. The start date is flexible but anticipated to be in the Fall of 2020.

**Term:**

Funding is for one year and renewable for a second year, contingent upon satisfactory progress and the continued availability of funds. The fellow will be expected to apply for postdoctoral scholarships for which they are eligible during their appointment (for example, FRQS and CIHR fellowships).

**Salary:**

Salary will be competitive and commensurate with the candidate's skills and experience.

**Review of Applications:**

Review of Applications will continue until the position is filled.

**Additional Information:**

\* Please note: Candidates' eligibility to hold a Postdoctoral Research Fellowship expires 5 years after the date on which their PhD was awarded, regardless of when they are hired. Be sure to refer to the following link for further information on eligibility criteria: <http://www.mcgill.ca/gps/postdocs/fellows/registration/eligibility>.

\*\* Any offer to non-Canadian citizens/non-permanent residents is contingent on the candidate obtaining a work permit after an offer has been made and a letter of invitation sent, see: <http://www.mcgill.ca/gps/postdocs/international/workpermit>