

**Postdoctoral Researcher – Infectious Diseases Epidemiology at  
McGill University**

Dr. Nicole E. Basta, Associate Professor in the Department of Epidemiology, Biostatistics and Occupational Health (EBOH) in the School of Population and Global Health at McGill University and Canada Research Chair in Infectious Disease Prevention (Tier 2), invites applications for a **full-time Postdoctoral Researcher in quantitative infectious disease epidemiology**.

The **Postdoctoral Researcher** will be supervised by Dr. Basta and will work in collaboration with Dr. Basta and her research team to conduct research using statistical and epidemiologic methods to (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 in a diversity of settings. Depending upon the expertise and interests of the candidate(s) and the source of funding, the postdoctoral researcher will have the opportunity to lead and contribute to ongoing research on COVID-19 vaccines, meningococcal B vaccines, influenza vaccines, measles vaccines, HPV vaccines, and other areas. **Applicants must be able to independently conduct epidemiologic research including the implementation of quantitative methods and statistical analyses, must be proficient in Stata or R programming, and should have experience with a range of epidemiologic/statistical methods, study designs, and data management/analysis.**

**Duties:**

The selected applicant will conduct original epidemiologic research, including designing research questions, conducting literature reviews, collecting data, accessing existing data, cleaning data, designing data analysis plans, conducting data analyses, reporting results, and drafting and revising manuscripts for publication, and preparing presentations.

**Qualifications:**

Qualified individuals will have a PhD in Epidemiology or a closely related, quantitative field, must be proficient in programming in Stata or R, and must be skilled at conducting statistical analyses independently. Applicants should have experience leading and contributing to quantitative epidemiologic research, including participating in the design, implementation, data collection, data 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. In addition, applicants should demonstrate strong interpersonal and communication skills, the ability to work both independently and as part of a team, the ability to manage multiple projects, clarity in written and oral work, self-motivation, attention to detail, and a strong work ethic. Demonstrated past research productivity based on published manuscripts is desired.

**Applications:**

To apply for this position, please send the following 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.

(1) A cover letter describing your epi/biostats training, research experience, and skills and how they align with the requirements of this position. Please detail your level of proficiency in Stata or R and in conducting statistical analyses independently.

(2) Curriculum vitae (CV)

(3) A sample of scholarly writing (a published manuscript that you wrote or unpublished paper or dissertation chapter)

(3) Names and contact details for three references

**Start Date:**

Applicants should ensure that their PhD has been awarded by the time that they submit their application or applicants should indicate the date of their dissertation defense and the date the degree will be awarded in their cover letter. The start date is anticipated to be May 1, 2022 or as soon as possible. Applicants must be based in Quebec by the start date to be eligible.

**Term:**

Appointment is for one year initially with the possibility of extension contingent upon satisfactory progress and the continued availability of funding. The fellow will be expected to apply for postdoctoral fellowships for which they are eligible during their appointment.

**Salary:**

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

**Review of Applications:**

Review of Applications will begin immediately and 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. 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. Refer to the following link for further information: <http://www.mcgill.ca/gps/postdocs/international/workpermit>