



a place of mind

The University of British Columbia, Vancouver,
British Columbia, Canada
Faculty of Medicine

Research Opportunities: PhD and Postdoctoral Fellow Position(s)

Do you want to make a difference to the growing number of individuals dealing with a lifelong, chronic disease with no known cause or cure? Do you want to live in a place consistently ranked as one of the world's 'most liveable cities'?

Multiple Sclerosis (MS) is one of the leading causes of disability in young adults today. The Pharmacoepidemiology in Multiple Sclerosis (PiMS) research group (<http://epims.med.ubc.ca>), led by Prof. Tremlett, is seeking highly qualified and motivated PhD and Postdoctoral Fellows to join the team which is based at the Centre for Brain Health, Faculty of Medicine (Neurology), University of British Columbia (UBC), Vancouver, Canada. This is an exciting opportunity that will provide an excellent training environment for qualified researchers who are interested in studying multiple sclerosis.

The successful applicant will be a contributing member of Prof. Tremlett's research group. With the vision of fostering excellence in multi-disciplinary clinical, therapeutic, and epidemiological research to advance knowledge and improve the well-being of those affected by MS, Prof. Tremlett's research group thrives on diversity. Team members are trained in a variety of disciplines, creating a truly interdisciplinary approach to research.

The successful applicant will have the opportunity to be involved in one of several exciting cross-Canada multi-site collaborations. These collaborations typically include accessing comprehensive health administrative databases linked together with clinical data to examine many different aspects of MS, MS care and MS epidemiology. Some examples of ongoing research topics include questions related to risk factors associated with MS, impact of comorbidities such as cardiovascular disease, and drug adherence, safety and effectiveness.

The successful applicant will play a key role in the success of the MS research program and will be fully involved in study design, ensuring data integrity, data access, data linkage, statistical analyses and interpretation, hypotheses generation, presentation of findings, and drafting and publication of scientific manuscripts and grant writing. The successful candidate will also help to mentor and supervise graduate students.

Current Need (April 2018): Our team has recently been awarded a \$1.2M CIHR grant titled: '**Prescription Drug Safety and Effectiveness in Multiple Sclerosis [DRUMS]: a population-based, multi-province platform for comprehensive pharmacovigilance.**' The Goal is to establish an innovative multi-province population-based platform enabling a comprehensive approach to assess drug safety and effectiveness in MS. Trainees are encouraged to apply and will contribute to the success of this 4.5 year program of research.

Qualifications:

- For postdoctoral applicants: a PhD/MD degree in a relevant discipline (e.g. epidemiology, pharmacoepidemiology, applied biostatistics)
- For PhD applicants: a MSc/PharmD/ MD degree or equivalent in a relevant discipline (e.g. epidemiology, pharmacoepidemiology, pharmacy, applied biostatistics)
- Experience with and knowledge about, special populations such as patients with chronic disease, comorbidities or multiple sclerosis
- Experience with large health-related datasets
- Experience with data access and linkage from administrative databases
- Computer proficiency, including use of statistical software
- Working knowledge of advanced epidemiology-related research methodology and design
- Working knowledge of advanced biostatistics
- Excellent interpersonal, oral and written communication skills in English
- Ability to exercise judgment and make decisions in accordance with broad research objectives
- Ability to independently organize workload, set goals and work effectively towards deadlines
- Willingness to work in an interdisciplinary setting
- Appreciation of the importance and value of clinical and basic research
- An inquiring and open mind
- Basic knowledge of medical ethics

Starting Date:

Negotiable; position(s) will be open until filled; new opportunities arise on an ongoing basis.

Salary:

Funding for this position is available for 1 to 3 years, with the possibility of extension.

The salary for the postdoctoral fellow will be based on the MS Society of Canada guidelines

(<https://mssociety.ca/information-for-researchers>), with a generous extended health benefits package.

How to Apply:

Please send your letter of interest and CV to Dr. Helen Tremlett: info.pimsgroup@gmail.com [cc in: helen.tremlett@ubc.ca], with the subject line 'Postdoctoral Applicant' or 'PhD Applicant'.

Interested candidates are encouraged to apply as soon as possible. Only those candidates shortlisted will be contacted for an interview. Applications will be accepted until the positions are filled.

About PiMS / Prof. Tremlett's research team:

To find out more, please visit our website:

<http://epims.med.ubc.ca>

PubMed link:

[http://www.ncbi.nlm.nih.gov/pubmed/?term=Tremlett+H\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed/?term=Tremlett+H[Author])

About UBC:

UBC is one of the world's leading universities. UBC's Vancouver campus has over 51,000 students, representing 140 different countries. UBC offers hundreds of academic programs through 18 faculties and 12 schools. Located on the western tip of the Point Grey Peninsula in the city of Vancouver, the stunning campus is surrounded by forests, ocean and mountains, yet is just 30 minutes from the city centre. For more information about UBC, please go to <http://www.ubc.ca>