

## NEUROTRAUMA FELLOWSHIP

Name of Institution: McGill University Health Centre-Montreal General Hospital

Location: 1650 Cedar ave, Montreal, Qc, H3G 1A4

Type of fellowship: Neurotrauma-traumatic brain injury fellowship

Program Director: Dr Jeffrey D. Atkinson

Fellowship supervisor: Dr Judith Marcoux

Fellowship duration: duration of no less than 1 year

Number of fellowship position per year: 1

### Environment

The Montreal General Hospital (MGH) is an adult tertiary care trauma center (level I) with a high volume of traumatic brain injury (TBI).

The MGH is part of the McGill University Health Centre (MUHC) and is affiliated with the Research Institute of the MUHC and the Montreal Neurological Hospital and Institute, both having extensive clinical and fundamental research opportunities. The neurotrauma neurosurgery service works within the traumatic brain injury program, a multidisciplinary team of professionals dedicated to the care of TBI patients.

### Goals and objectives

The Neurotrauma Fellowship Program is designed to develop highly skilled neurosurgeons that will have expertise in the management of TBI patients.

The program expects fellows to acquire knowledge and skills in:

- clinical assessment and diagnosis of acute TBI, decision making, efficient management of urgent trauma cases, and performance in emergency situations
- surgical management of TBI
- collaboration with partners within the: emergency department; trauma team; ICU; OR; and TBI program.
- care of TBI patients in the ICU, management of ICP and advanced neuromonitoring,
- care of TBI patients on the ward with an emphasis on early rehabilitation methods (pharmacological, neurocognitive)
- assessment of patients in the outpatient clinic (diagnosis and treatment of mild TBI)
- clinical, transitional and/or basic research

### Teaching

The fellow is expected to play an active role in resident teaching in ambulatory and operative settings. Participation in weekly formal academic half-days is required.

### Research

Participation in regional, national and international meetings is encouraged, as well as the generation of publications in peer-reviewed journal and textbooks. Numerous opportunities are available in clinical, translation and basic research. It is expected that the fellow will carry out at least one research project during his/her fellowship, leading to at least one publication in a

recognized peer-reviewed journal. It is also expected that the fellow will participate and present at the McGill's Neurosurgical Conference Day

#### Duration

The duration of the fellowship program is one year. A 2 month elective rotation in the neuro-ICU at the Montreal Neurological hospital can be merged into this year.

#### Call duty

The fellow will take home call for a maximum of 9 calls per 28 days.

#### Funding

For information regarding salary amount and acceptable sources of funding please visit the link at <http://www.mcgill.ca/pgme/admissions/prospective-fellows>

#### Evaluations

The neurosurgery training program has a comprehensive evaluation system. All attending neurosurgeons are required to evaluate the residents and fellows they are in contact with. These evaluations are developed as medical evaluation directives for specialists put forth by the Royal College of Physicians and Surgeons of Canada. All evaluations are reviewed with the fellow by the evaluator and members of the training program committee. Mechanisms are in place for the assessment of grievances.

#### Support and impact

The Program Director (Dr Jeffrey Atkinson), the Program Coordinator (Ms Luisa Birri) and the Fellowship supervisor (Dr Judith Marcoux) are available to support this fellowship.