

Department of Neurology and Neurosurgery Clinical and Clinical Research  
Fellowship Application Form

Type of Fellowship Clinical and Research fellowship in Amyotrophic Lateral Sclerosis -  
The Andre Delambre Foundation Fellowship

Name of the Fellowship Supervisor: Dr Angela Genge, Dept of Neurology and  
Neurosurgery,

Fellowship Information:

- Number of fellowship positions requested-1
- Duration of fellowship- 2 years (24 months)
- Name of hospitals involved in training
  - The fellows clinical time is solely at the Montreal Neurological Institute and Hospital
- Description of Fellowship
  - This fellowship has been created on behalf of a patient with the disease. The fellowship is for individuals that have completed their residency training in neurology, genetics or psychiatry and combines clinical and clinical research training with the development of a clinical research project partially or wholly involved in the area of clinical trial development.
- Research activity and publications related to fellowship
  - The supervisor's expertise is in clinical Amyotrophic Lateral Sclerosis and clinical trials in ALS. The fellow is expected to develop and initiate a clinical research project in ALS in order to further pursue the research aspect of the fellowship. The fellow will be involved in both short and long term studies in Amyotrophic Lateral Sclerosis and will be expected to start and finish a project of their own choosing in the field of ALS/MND.
- Mission statement for fellowship
  - The purpose of this fellowship is to train physicians in the best practice diagnosis and care of patients with Amyotrophic Lateral Sclerosis and related disorders and to promote well designed clinical research in this devastating disease. The quest for the cause and successful treatment of this disease will be part of the fellowship in both the individual research projects chosen and the larger projects that they will participate in. Until all the answers are found the need for talented young physicians to devote time to research into this disease will continue. The Andre Delambre Foundation established this fellowship in order to facilitate and expand clinical trial efforts in this devastating disease.

## Names of the Teaching Faculty

- The teaching faculty currently include Dr Angela Genge, director of the ALS clinic at the MNI, Dr Rami Massie, neurologist, MNH and Dr Guy Rouleau, Director Montreal Neurological Institute.
- The fellow is part of the ALS multidisciplinary team at the MNI and is expected to learn from each of the professionals on the team.
- The fellow will work directly with the staff of the Clinical Research Unit of the Montreal Neurological Institute. This enables participation in the ALS biobank initiative, short and long term clinical studies into the potential treatments both for symptom management and direct treatment of patients with ALS.

## Academic Facilities

- The Amyotrophic Lateral Sclerosis Clinic is held biweekly at the Montreal Neurological Hospital. The fellow has an examining room assigned to him/her for each clinic for the entire duration of the fellowship. In addition, office and computer access is provided in the clinical research unit of the Montreal Neurological Institute.
- Library access, materials relevant to fellowship training are available both online and at the Montreal Neurological Hospital Library
- Multimedia learning materials available at the Montreal Neurological Hospital Library.

## Fellow Duties and Responsibilities

- The fellows are expected to follow patients seen in the ALS clinic at the Montreal Neurological Hospital including responding to phone inquiries, assisting others members of the multidisciplinary team and following patients during inpatient stays. These responsibilities include evaluating new and ongoing patients during their clinic visits, writing reports in an appropriate manner that will be sent to referring physicians, responding to inquiries from family physicians and other health care professionals involved in the care of these complex patients.
- Fellows will be expected to supervise students who rotate through the ALS clinic.
- There are no direct inpatient service requirements
- Fellows are expected to provide teaching to residents rotating through the ALS clinic and be available to provide teaching for the residents caring for the ALS patients that are inpatients in the MNI.
- Fellows are expected to attend teaching rounds at the Montreal Neurological Hospital and aid residents upon request. He/She is expected to present results of the research projects chosen formally at the neurology teaching or Neurology Grand rounds of the MNI.
- Support staff available to the fellow include all the members of the ALS multidisciplinary team for help with clinical activities. In addition the support staff of the MNI clinical research unit of the MNI are available to assist the fellow in the development and execution of the clinical research projects. The fellow can also become involved in the C-Big biobank initiative of the MNI.

- The fellow is expected to submit abstracts for potential acceptance at both the Canadian ALS research Forum held annually and the International ALS/MND meeting also held annually. At the end of the second year the fellow is expected to submit results of his/her individual project to a respected journal for publication.
- The fellow is expected to develop and complete an individual research project as well as participate in an ongoing project. The fellow will have the opportunity also to present finished components of the ongoing projects at recognized meetings including the Canadian ALS Research forum and the international ALS/MND meeting.

## Curriculum

- The case load will vary depending upon the workload related to his/her research projects. It will include both new patients referred as possible ALS and followup patients. As the fellowship has a significant emphasis upon developing a knowledge of and expertise in clinical trial design, the fellow will be strongly encouraged to audit courses in biostatistics and clinical trial design offered at McGill University. The clinical workload will be adjusted to allow successful completion of required courses. Ideally this initiative will start in the second half of the fellowship but could be started in the first year of the fellowship. Only with further study in clinical trial design can the fellow understand the concepts and pursue clinical research into the treatment of ALS/MND. As the fellowship has a focus on ALS the fellowship will be exposed to other disorders that may mimic ALS/MND. At the end of the fellowship the fellow will be expected to be competent to diagnose, using clinical and electrodiagnostic information, as well as treat patients with this devastating disease. The fellow will also be able to further pursue a career in clinical trials.
- Evaluation will be provided to the fellow periodically at six month intervals. Both written and verbal evaluations will be provided. The expectations of the fellowship will be outlined at the beginning of the fellowship and as objectives are reached these will be clearly stated. Presentations at research meetings including the annual ALS Canada research meeting and the International ALS/MND meeting will be considered part of the formal evaluation. In addition, papers in peer reviewed journals, grants and courses taken through the McGill University will constitute the written component of the fellowship.