



McGill

**Neurology Residency
Program**

Department of Neurology &
Neurosurgery

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

Type of Fellowship: **Cognitive / Behavioural Neurology Fellowship**

Name of the Fellowship Supervisors: Dr. Howard Chertkow, Dr. Lesley Fellows

Fellowship Information:

- Number of fellowship positions requested: 1
- Name of hospitals involved in training: MNH, JGH, MGH (optional)
- Description of Fellowship: This is a two year fellowship combining research training in cognitive neuroscience and/or clinical research relevant to disorders of cognition with clinical training in cognitive-behavioural neurology.
 - Under the supervision of the attending neurologists, the fellow will attend memory and cognitive clinics between one and three days/week. The fellow will be responsible for evaluating and treating patients with disorders of cognition or behaviour.
 - The research component will be carried out in Dr Chertkow's or Dr. Fellows' laboratory, or in that of one of their colleagues with their co-supervision.
- Research activity and publications related to fellowship:
(supervisors' CVs appended)
- Mission statement for fellowship:
 - To provide scientifically based, comprehensive and effective diagnosis and management for patients with cognitive and behavioural complaints.
 - To provide training in clinical or basic science research methodology required for furthering the understanding of human cognition and disorders thereof.
- Source of funding for fellowship: The Fellowship is conditional upon successfully securing peer-reviewed Fellowship award funding by or for the candidate. The supervisor/department may supplement these awards depending on specific circumstances.
- Duration of Fellowship: two years

Names of the Teaching Faculty

- Howard Chertkow
 - Roles: Co-supervisor, Clinical and Research
 - Summary of clinical practice: Attending neurologist, Jewish General Hospital; Director, Bloomfield Centre for Research in Ageing, Lady Davis Research Institute; Director, Jewish General Hospital/McGill University Memory Clinic.
 - Major Strengths: Clinician-scientist trained in Cognitive Neurology and Neurolinguistics; Clinical and research interests in dementia, aphasia, and disorders of semantic memory.
- Lesley Fellows
 - Roles: Co-supervisor, Research and Clinical
 - Summary of clinical practice: Attending neurologist, Montreal Neurological Hospital; Research Scientist, Cognitive Neuroscience Group, Montreal Neurological Institute
 - Major Strengths: Clinician-Scientist with interests in cognitive neuroscience; Experience as Director of McGill MD-PhD program; Manages the McGill Cognitive Neuroscience Registry

Academic Facilities

- Facilities for Clinical Activities:
 - The fellow will have access to the twice-weekly memory clinic at the Jewish General Hospital
 - (S)he will have access to Dr. Fellows' clinic one half-day per week at the Montreal Neurological Hospital
 - (S)he will have access to Dr. Chertkow's Cognitive Neurology clinic one half-day per week at the Jewish General Hospital
 - (S)he may also choose to attend other relevant clinics, such as:
 - The Montreal Neurological Hospital neuropsychiatry clinic staffed by Dr. Ghislaine Savard and Dr. Theo Kolivakis;
 - The monthly Montreal General Hospital neuropsychiatric lupus clinic;
 - The Montreal General Hospital traumatic brain injury clinic;
 - The pain clinics at the Montreal Neurological Hospital and Montreal General Hospital;
 - The Movement Disorders clinic at the Montreal Neurological Hospital.
 - The fellow will provide occasional consultation services to inpatients with cognitive complaints at the Montreal Neurological Hospital, and at other McGill hospitals, as relevant to his/her specific clinical focus.
- Research Activities:
 - Will be carried out and supervised in the labs of Dr. Fellows and Dr. Chertkow. However, the fellow will have access to research activities with other members of the Bloomfield Centre for Research in Ageing and other research faculty at the MNI. The specific research project (s) will be worked out in collaboration with the supervisor.

- Library access, materials relevant to fellowship training: Readily obtainable through McGill
- Multimedia learning materials available: Yes
- Availability of a skills lab if applicable: N/A

Fellow Duties and Responsibilities

- Call responsibilities to cover service: fellows will not take call
- Will the fellow be supervising residents: No
- Are there fixed rotations at various institutions: No
- What are the outpatient clinic responsibilities: Evaluate patients (history and examination), establish a treatment plan along with other members of multidisciplinary team (neuropsychologist, CNS, OT, PT, speech therapist).
- What are the teaching responsibilities towards residents: The fellow will participate in informal teaching during clinics and in formal teaching of neurology and other McGill residents as called upon.
- Outline participation in academic activities involving the residents: The fellow will be available to provide occasional lectures to the neurology residents as called upon.
- Describe any support staff available to the fellow: N/A
- Proposed meetings to be attended by the fellow could include: Canadian Neurosciences Federation; Cognitive Neuroscience Society; American Academy of Neurology; Society for Neuroscience; Scientific Meeting of Canadian Association of Gerontology; Scientific Meeting of the Gerontological Society of America.
- What is the research productivity/publications expected by the fellow: The goal is to present the research findings at an international or national conference, and to publish at least one paper per year based around the research component of the fellowship chosen by the fellow. Review papers will also be undertaken.

Curriculum

- What is the intended caseload for the fellow: Clinic 1 day/week or more depending on the clinical/research balance most suitable for the fellow: 3 new patients, 4 follow-ups per clinic day. 1-2 consultations per week.
- What are the intended percentages of the varieties of cases: Dependent upon the specific clinics attended by the fellow
- What regular reading materials are to be provided: The fellow is expected to stay abreast of basic science and clinical developments in his/her field by reading leading high-impact journals (Neurology, Lancet Neurology, Brain, Nature Neuroscience, etc...). The fellow is also expected to read cognitive neuroscience, behavioural neurology, and neuropsychiatry textbooks.

- Outline the weekly conference schedule: Tuesday: JGH service rounds; Thursday: MNI service rounds; Friday: Neurology Grand Rounds (am); lab meetings for research supervisors
- What role will the fellow play in attending, organizing, and presenting rounds/conferences: There has been a long-standing plan to develop a monthly or eventually weekly McGill cognitive neuroscience rounds which would include resident teaching. The fellow will aid in organizing this.
- Evaluation and feedback: fellows will be evaluated at regular (i.e., quarterly) intervals on their performance at both the clinical and research levels. Satisfactory performance will be required to continue the second year for the fellowship, if so chosen by the fellow.
 - Clinical evaluations and feedback will be provided by the attending physicians involved both informally during the clinic and formally at 3 month intervals. Formal evaluations include one-on-one verbal sessions and written evaluations based upon standardized CanMEDS criteria adapted to the fellowship-specific goals and objectives.
 - Research evaluations and feedback will be provided by the research supervisor(s) in the form of 1 hour one-on-one sessions at least once per month at which time the fellow will present his/her research progress and results, as well as discuss problems and future directions.