

## McGill University Division of Gastroenterology

### Advanced Fellowship in IBD:

**Duration: One year fellowship**

**Number of positions: 1**

The Advanced Inflammatory Bowel Disease (IBD) Fellowship at McGill builds upon a long tradition of excellence in the care of patients with inflammatory bowel disease, clinical research in IBD, and extensive investigation of the epidemiology and genetics of IBD, pharmacogenetics and outcomes research, intestinal epithelial cell and molecular biology, and mucosal immunology. The goal of this fellowship is to prepare trainees for an independent academic career in clinical investigation and patient care in IBD.

The Fellowship Program at McGill aims to offer candidates comprehensive and advanced training in the clinical and research aspects of IBD. More than 7000 IBD patients are seen in McGill's outpatient IBD Clinics at its 4 major teaching hospitals: Montreal General, Royal Victoria, Jewish General and Montreal Children's. As an IBD fellow, the trainee will receive exposure to a wide variety of translational clinical and basic research programs, summarized below

#### Description of the Program

Applicants should have completed at least 2 years in Gastroenterology fellowship, and should be competent in all areas of general gastroenterology and routine endoscopic procedures. Advanced IBD Fellows will be expected to participate directly in the care of outpatients with IBD seen in conjunction with IBD faculty for at least 4 half-day sessions weekly. An additional half to whole day will be devoted to endoscopic procedures needed for the care of these patients. The Advanced IBD Fellow will also assist in follow up of inpatient consultations and admissions to the IBD service. Approximately 50% of effort will be devoted to the design and execution of independent research projects relating to IBD. Appropriate kinds of research will include clinical trials, observational studies, studies related to outcomes, decision analyses, and translational projects. Education in patient care relating to IBD will occur through one-to-one preceptorship with expert IBD clinicians, leading to competence in all aspects of the clinical care of patients with IBD.

The overall goal of the McGill Advanced Fellowship in IBD is to train clinical and academic leadership. The program encompasses a comprehensive clinical exposure, with the candidate being supervised by a Faculty (below) of 6 highly experienced clinical IBD experts. The successful candidate is expected to complete a research project

during the tenure. A wide variety of clinical and basic science research options are available including projects relating to clinical outcomes and pharmacogenetics, epidemiology and genetics, as well as animal models of IBD and associated colorectal cancer, cell and molecular biology.

The program provides a full-time, 12-month experience. In special circumstances, arrangements can be made for other lengths of training. The elements of the program include the following:

### **Clinical Training**

The advanced fellow will see patients in the IBD Clinics at McGill's 4 primary teaching hospitals, with comprehensive exposure to a wide variety of problems. The candidate will work under the close supervision of McGill's gastroenterologists who have a special interest in IBD. In addition, consultations are available with members of the Division of Colon and Rectal Surgery to evaluate the surgical options for management.

### **Electives**

During the course of the year, the trainee will have the opportunity to spend time in focused areas related to IBD, tailored to your particular interests. Potential areas for training include: radiology, pathology, clinical nutrition, colorectal surgery, pediatric GI. The trainee will participate and present at the biweekly McGill IBD research group meetings. In addition, the trainee is expected to attend the McGill Gastroenterology Divisional weekly academic sessions and GI subspecialty conferences.

### **Research**

This program covers the full spectrum of clinical and basic science aspects of IBD. Trainees will have the opportunity to participate in IBD studies under the mentorship of a McGill IBD Research group member. The McGill IBD Fellowship program offers:

- Personalized training for selected individuals who wish to pursue careers as clinician-investigators
- Formal training in clinical and basic research in preparation for conducting independent research
- The opportunity to pursue a master's degree in biomedical science or clinical research, according to the trainee's needs.
- A high faculty-to-trainee ratio, large patient population and advanced diagnostic, therapeutic and research facilities that combine to create an integrated, comprehensive educational experience.

### **Call Frequency**

There is no after hours call responsibility during this fellowship.

### **IBD Faculty**

Montreal General Hospital: Drs Ernest Seidman and Gary Wild

Royal Victoria Hospital: Dr Alain Bitton

Jewish General Hospital: Drs Albert Cohen and Andrew Szilagyi

Montreal Children's Hospital: Drs Sylviane Forget and Ernest Seidman

## **Research Areas**

Clinical Epidemiology and Outcomes

Mucosal Immunology

Biomarker Studies in IBD (genetics and serology)

Classification of IBD

Genetic, Environmental and Microbial Factors involved in disease pathogenesis, including epithelial cell biology

IBD Imaging, including Capsule Endoscopy

IBD Pathology

Surgical outcomes

Pediatric IBD

Interested applicants are invited to send their CV and 2 letters of recommendation to:

Ernest G Seidman MDCM, FRCPC, FACG

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