

Beth Israel Deaconess
Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Advanced Fellowship in Inflammatory Bowel Disease



Beth Israel Lahey Health 
Beth Israel Deaconess Medical Center

Advanced Fellowship in Inflammatory Bowel Disease at BIDMC

Overview

Treatment of Inflammatory Bowel Disease (Crohn's disease and Ulcerative Colitis) has changed significantly in the last several decades.

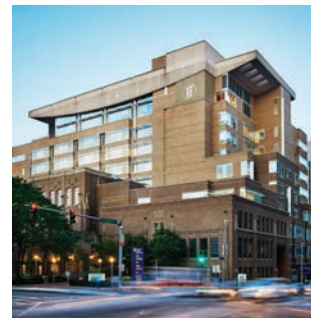
Advances in pharmacologic therapies, imaging modalities, and molecular markers have revolutionized management of patients with these conditions. This has been reflected in the development of Centers of Excellence and dedicated scientific meetings to assist gastroenterologists in caring for this patient population. A number of tertiary referral centers have now established sub-specialty fellowships in Inflammatory Bowel Disease (IBD) to allow trainees with an interest in these conditions to obtain appropriate skills in managing these complex diseases. As a major Center of Excellence in IBD, BIDMC has one of the largest IBD clinical practices in this region, with over 4,000 patients managed in a multidisciplinary and patient-centered manner.

The goal of this program is to develop and mentor fellows to become academic gastroenterologists with expertise in the management of patients with IBD.

Objectives

Upon completion of this **12-month program**, through one-on-one interaction with faculty, fellows will have developed expertise in the diagnosis and treatment of patients with IBD (Crohn's disease and ulcerative colitis) including:

- Diagnostic criteria for Crohn's disease and ulcerative colitis (including IBD-unclassified)
- Assessment and management of extra-intestinal manifestations of IBD
- Use of clinical and endoscopic disease activity indices
- Practical use of mesalamine, thiopurines, methotrexate, biologic therapies and small molecules
- Management of patients in special situations – steroid-refractory ulcerative colitis, perianal disease, infections (including COVID-19) in IBD, post-operative recurrence, pouchitis, pregnancy in IBD, loss of response to anti-TNFs
- Use of nutritional and complementary therapies for mild-moderate disease
- Surveillance for dysplasia timing and indications
- Basic and/or clinical research processes
- Recognition of histological changes & scoring systems for IBD
- Extended differential diagnosis, including Behcets disease, vasculitis, endometriosis, TB ileitis
- Management of overlap functional GI conditions and chronic pain
- Use of therapeutic drug monitoring
- Use of advanced radiology imaging for IBD; MRE, CTE, capsule, PET-CT
- Nutritional needs of patients with IBD
- Endoscopic procedures – dilatation of strictures, chromoendoscopy
- Off-label/experimental therapies – fecal transplantation, tacrolimus
- Clinical research study design, and analysis



Advanced Fellowship in Inflammatory Bowel Disease at BIDMC

Clinical Rotations

Clinics

Fellows will see patients in IBD clinics held under the supervision and guidance of regionally and internationally recognized experts in IBD management and diagnosis.

Endoscopy

Endoscopy sessions would provide supervised experience in surveillance colonoscopy, use of Narrow-Band Imaging and chromoendoscopy, and management of strictures and endoscopic mucosal resection.

Radiology

Fellows will receive instruction in interpretation of MRI, CT and PET-CT imaging, and indications for their use.

Histology

Fellows will receive instruction in reading histology slides to understand histological changes noted in biopsies of patients with IBD.

Formal Teaching

BIDMC IBD Rounds and the Brigham & Women's IBD conference occur on a monthly basis and include teaching on difficult IBD cases. Fellows' teaching each Wednesday includes a number of sessions on IBD. The Med-Surg combined conference allows for discussion with surgical colleagues on complex cases. The Longwood GI meeting includes cases from Children's Hospital Boston, thus including pediatric cases of IBD. Independent literature review will be encouraged.

Research

There is an active research program that includes clinical trials, outcomes research and translational studies using patient samples. Fellows will be encouraged to undertake a clinical research project as part of the fellowship. Training in laboratory methods for translational research, and statistical methods will be provided.

How to Apply

In order to apply for the Advanced Fellowship in Inflammatory Bowel Disease at BIDMC please submit the following via email:

- 1. Curriculum Vitae.**
- 2. Personal statement** describing your interest in obtaining advanced training in Treatment of Inflammatory Bowel Disease
- 3. Three recommendation letters** addressed to Dr. Sarah Flier, Inflammatory Bowel Fellowship Program Director. Letters should be emailed to jhansjon@bidmc.harvard.edu.

Conferences & Lectures

- Bi-monthly Inflammatory Bowel Disease Conference
- Weekly Med-Surg combined conference
- Bi-monthly Longwood GI Meeting (including cases from BIDMC, BWH, Children's)
- Quarterly GI complications meeting
- Monthly GI Pathology meeting

