This course is designed to give students an appreciation for the relationship between basic science and clinical gastroenterology. It will focus on four major areas: inflammatory bowel disease, irritable bowel syndrome, viral hepatitis, and gastroesophageal reflux. The basic science basis for diagnosis and therapy will be given in a series of lectures by faculty. Students will then have the opportunity to see patients with these disorders in the Gastroenterology Clinics, the Swallowing Center, and the Endoscopy Center at the Morsani Center for Advanced Health Care. Students will participate in GI Journal Club, Basic Science Conference, Research Conference, Clinical Conferences, and gastroenterology seminars. Students will be given the option of participation in a research project if they desire to do so.

Goals and Objectives

This course will address the relationship of innate and acquired immunity to the disordered immune response in inflammatory bowel disease, the brain/gut interaction in irritable syndrome, the viral genome and the immune system in viral hepatitis, and the pathophysiology of gastroesophageal reflux and Barrett’s esophagus.

Teaching faculty

Drs. Joel Richter, MD, Jay Mamel, MD, Soojong Hong-Chae, MD, and Yasser Saloum, MD

Evaluation

Students will be evaluated based on direct faculty observation and feedback from patients and families during patient interactions, participation in conferences and seminars, questions by the faculty to determine base knowledge, and the ability to formulate differential diagnoses and propose solutions.

Track

One of the options for Emergency Medicine, Family Medicine, Internal Medicine, and Pediatrics