# Course Director
Folashade Jose, MD, MAS

# Duration
2 Weeks (Can be selected twice for 4 weeks total)

## Course Goals
Upon completion of this rotation, students will have an introductory understanding of how to differentiate between normal and pathological states related to gastroenterology. They will have a basic understanding of diagnosis and management of gastrointestinal conditions that may require consultation/referral and will understand the pediatrician’s role in prevention of gastrointestinal disorders.

## Educational Objectives
1. Demonstrate an understanding of normal feeding patterns from birth through adolescence for eating, weight gain, reflux, spitting, bowel habits, and recognize significant variations that warrant further evaluation.
2. Recognize and describe the pathophysiology and management of chronic diarrhea, constipation, encopresis, gastroesophageal reflux, recurrent abdominal pain, and irritable bowel syndrome.
3. Develop a step-wise approach to diagnosis (H&P, lab studies) for abdominal pain, abdominal mass, abnormal liver exam or liver function tests, failure to thrive, hematochezia, and celiac disease.
4. Distinguish between normal spitting up and gastroesophageal reflux from more serious vomiting disorders.
5. Describe the common causes of jaundice in newborns and children.
6. Discuss the common causes of abdominal pain, and differentiate functional abdominal pain from organic causes. Demonstrate a step-wise approach to the evaluation of abdominal pain.
7. Compare and contrast infectious and non-infectious (including inflammatory bowel disease) causes of diarrhea, and describe the appropriate diagnostic approach.
8. Describe features and initial management of gastrointestinal emergencies, including appendicitis, bowel obstruction, volvulus, intussusception, pyloric stenosis, coin ingestions lodged in the esophagus, caustic ingestion, biliary atresia, colitis, and significant GI bleeding.

## Course Readings
Students will be provided with additional individualized, patient-related readings from primary literature during the elective, specifically from the Journal of Pediatric Gastroenterology and Nutrition regarding topics such as GERD, constipation, inflammatory bowel disease, and celiac disease.

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<th>Course Activities/Experience</th>
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| • Lectures, clinics, conferences to be attended? :  
  o Thursday noon GI lecture that occurs once every 2 months  
  o Attend Pediatric Grand rounds on Wednesday at 7:30 am.  
  o Attend clinic daily (Monday – Friday, 8am – 5pm) except on procedure days  
  o Attend endoscopic procedures, to be identified on the student schedule  
|  
| • In what location will students be observed on this elective?  
  o Pediatric Gastroenterology Clinic at the ECU Pediatric Subspecialty Building  
  o James and Connie Maynard Children’s Hospital  
|  
| • How will students receive mid-course, formative feedback of their performance?  
  o Verbal feedback will be provided to the student at the mid-rotation point of the elective.  
  o Formal written evaluation will be completed at end of the elective  
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| • Oral presentation, written assignments required?  
  o Oral and written presentation based on a patient encounter, including a full literature search on evidence-based modalities of management of the patient’s disease.  
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| • Research requirement? None  
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<th>On Call Requirements</th>
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| No on-call requirement. Student is present during usual clinical hours (8:00am – 5:00pm, Monday – Friday, excluding holidays as determined by the ECU calendar).  
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<th>Student Performance &amp; Assessment</th>
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| The student’s performance will be assessed by observation of their clinical care of patients including their ability to complete a history and physical, develop a working differential, request the appropriate labs and lead a discussion regarding  

Revised 09.27.2018
the clinical case. The student will be asked daily to review literature that is pertinent to encountered clinical cases.

Students completing the rotation as a two-week required Core Clinical Selective will be assigned a grade of Pass or Fail. Students completing the rotation as an M4 elective, either two or four weeks in duration, will complete a pre- and a post- test, and will be assigned a letter grade.