

**TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER**  
**Paul L. Foster School of Medicine**  
**Training Program in GI Motility and Neurogastroenterology**  
**Weekly Schedule for ANMS Clinical Training Program**

| <b>MONDAY</b>   | <b>TUESDAY</b>  | <b>WEDNESDAY</b>   | <b>THURSDAY</b>   | <b>FRIDAY</b>   |
|---|---|--|---|---|
| <p><b>8:00-9:00 AM</b><br/>Didactic lecture/discussion<br/>GI Motility &amp;<br/>Neuromodulation by<br/>Dr. Sarosiek</p> <p><b>9:00-12 Noon</b><br/>Observe GI Motility Lab<br/>procedures performed by<br/>nurses for adult motility.</p> <p>Also, observation of<br/>esophageal &amp; anorectal<br/>manometry studies<br/>conducted under the<br/>supervision of<br/>Dr. McCallum</p> <p><b>1:00-5:00 PM</b><br/>Dr. McCallum Clinic on<br/>GI Motility / Gastroparesis<br/>and Functional Bowel<br/>Disorders</p> <p><b>5:00 PM</b><br/>Inpatient rounds with<br/>Dr. McCallum<br/>Special focus on patients with<br/>motility related disorders</p> | <p><b>8:00-9:00 AM</b><br/>Didactic lecture/discussion<br/>GI Motility Topics by<br/>Dr. Zuckerman</p> <p><b>9:00-10:00 AM</b><br/>Observe motility studies –<br/>Motility Lab nurses and<br/>supervising GI physician</p> <p><b>10:00-12 Noon</b><br/>Case Discussions<br/>Review of selected motility<br/>tracings/GET reports, EGG<br/>tracings and wireless motility<br/>capsule(WMC) studies, breath<br/>tests for SIBO</p> <p><b>1:00-4:00 PM</b><br/>Dr. Zuckerman Clinic on<br/>GI Motility and Functional<br/>Bowel Disorders</p> <p><b>4:00PM-5:00PM</b><br/>The role of motility &amp;<br/>secretion in pathophysiology<br/>in GI diseases by<br/>Dr. Sarosiek</p> | <p><b>7:30-8:30 AM</b><br/>Department of Medicine<br/>Grand Rounds</p> <p><b>9:00-12 Noon</b><br/>Opportunities for<br/>participation in motility<br/>research and clinical studies,<br/>as well as observation of<br/>ongoing motility and breath<br/>test studies.<br/>Possible observation of<br/>placement of gastric<br/>neurostimulator<br/>(Enterra) and other surgeries<br/>in OR, as well as learning<br/>about programming of<br/>Enterra device</p> <p><b>1:00-3:00 PM</b><br/>Review of motility tracings<br/>and their interpretations.<br/>Interesting cases – “Classic<br/>GI Motility Disorders”</p> <p><b>3:00-4:00 PM</b><br/>Overview of currently<br/>conducted research related to<br/>GI Motility &amp; Functional<br/>Bowel Disorders<br/>Drs. Sarosiek &amp; Dr. McCallum</p> <p><b>4:00-5:00 PM</b><br/>Lectures by Dr. Davis and<br/>Dr. Morales on role of surgery<br/>in GI motility areas</p> | <p><b>8:00-9:00 AM</b><br/>Didactic lecture/discussion<br/>GI Motility by<br/>Dr. Hejazi</p> <p><b>9:00-12 Noon</b><br/>GI Motility Studies and<br/>participation in conducting<br/>diagnostic (Wireless Motility<br/>Capsule) and therapeutic<br/>procedure<br/>(Pneumatic Dilations) in<br/>Endoscopy Suite.<br/>Also, independent evaluation<br/>of recently performed motility<br/>studies</p> <p><b>1:00-5:00 PM</b><br/>Dr. McCallum Clinic on<br/>GI Motility and Functional<br/>Bowel Disorders</p> <p><b>5:00 PM</b><br/>Inpatient rounds with<br/>Dr. McCallum<br/>Special focus on patients with<br/>motility related disorders.<br/>Interrogation of Enterra<br/>device</p> | <p><b>8:00-9:00 AM</b><br/>Discussion of GI Motility<br/>cases by<br/>Dr. McCallum</p> <p><b>9:00-11:00</b><br/>Observe motility studies<br/>Questions &amp; Answers –<br/>session summary</p> <p><b>11:00-12:00 Noon</b><br/>Independent reading of<br/>recently performed motility<br/>tracings and breath tests</p> <p><b>1:00-5:00 PM</b><br/>Review of motility studies,<br/>Making diagnosis and<br/>discussing clinical<br/>management and treatment.<br/>Also discuss use of tube<br/>feeding technique, nutritonal<br/>support and diet in GI<br/>motility disorders</p> |

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**Studies and tests being conducted at TTUHSC PLFSOM.....**

- 1) High Resolution Esophageal Manometry
- 2) Esophageal Impedance testing
- 3) Esophageal pH testing (Bravo Technique)
- 4) Esophageal Sensitivity testing
- 5) Gastric Emptying Tests (scintigraphy & Wireless Motility Capsule)
- 6) H.pylori testing
- 7) Breath testing for small bowel bacterial overgrowth; lactulose and fructose intolerance
- 8) Wireless Motility Capsule - gastric, small & large intestine contractions as well as transit times
- 9) Anorectal Manometry (High Resolution) and biofeedback
- 10) Electrogastrography (EGG)
- 11) Nutrient Drink Test for Satiety
- 12) Pancreatic Polypeptide(s) Sham Test for vagal nerve function
- 13) Barostat

**Procedures to be observed:**

- 1) Gastric emptying testing (Nuclear Medicine)
- 2) Pneumatic dilation
- 3) Implantation and interrogation of gastric electrical stimulation system
- 4) Sacral nerve stimulation for fecal incontinence
- 5) GI surgeries eg Nissan fundoplication, pyloroplasty

**Conferences:**

Monthly GI Conferences include – GI Path, Case Conference, Journal Club, Research Conference

**Faculty:**

Dr. Richard McCallum  
 Dr. Irene Sarosiek – Director of Neurostimulation and Motility Research  
 Dr. Marc Zuckerman - Chief, Division of Gastroenterology  
 Dr. Reza Hejazi – Research Fellow  
 Dr. Brian Davis – Laparoscopic Surgeon  
 Dr. Angel Morales – Colorectal Surgeon  
 Dr. Jerzy Sarosiek- Director of Molecular Medicine Research Lab