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412.648.8714

## Clinical Radiology and Anatomy "Learning Anatomy Through Imaging" Professional Enrichment Course FALL 2020

<u>Course Dates:</u>	Tuesday September 8, 5:30 – 6:30pm Tuesday September 22, 5:30 – 6:30pm Tuesday October 6, 5:30 – 6:30pm
<u>Maximum Students:</u>	20
<u>Class Year:</u>	MS1
<u>Course Directors:</u>	Allison Weyer, MD
<u>Contact Information:</u>	John Hall at <a href="mailto:halljw2@upmc.edu">halljw2@upmc.edu</a> Chandler Fountain at <a href="mailto:fountainch@upmc.edu">fountainch@upmc.edu</a>
<u>Registration:</u>	Denise Downs, Office of Medical Education <a href="mailto:d downs@pitt.edu">d downs@pitt.edu</a>

### Description:

This course is designed to run concurrently with and complement the Medical Anatomy MS-1 course. The professional enrichment course will consist of multiple stations designed to emphasize anatomy that is pertinent during each block. During each session, students will be assigned into small groups. Each session will cover the basics of Clinical Radiology and is designed to supplement the classroom lectures presented by Dr. Branstetter. Sessions will focus on the basic understanding and interpretation of both plain radiographs and cross-sectional imaging with an emphasis on normal examinations. The imaging appearance of relevant anatomy from the concurrent anatomy block will be reviewed along with a "hands on" experience in the anatomy lab where students will have an opportunity to correlate radiographic anatomy with gross anatomy by rotating through several stations in their small groups. The number of students per group and the duration of each group's experience will be determined by the total number of course enrollees. An emphasis will be placed on maximizing the amount of "hands on" time in the gross anatomy lab. We will meet for this in-person mini-elective at the gross anatomy lab on the aforementioned dates.

### Objectives:

- Students will gain an understanding of the imaging modalities commonly encountered in clinical practice.
- Students will be able to recognize normal anatomic structures on radiographs and cross-sectional imaging
- Students will strengthen their knowledge of gross anatomy by correlating the appearance of normal anatomic structures on gross specimens with their appearance on common imaging examinations.
- Students will have the opportunity to ask questions during guided, interactive review sessions to deepen their understanding of anatomy through correlation with imaging

Requirements: None

Pre-Requisites: None