



Professional Enrichment Course

University of Pittsburgh School of Medicine

Office of Medical Education

PEC Registrar – Denise Downs d downs@pitt.edu 412-648-8749

Course Name: Clinical Radiology and Anatomy

“Learning Anatomy through Imaging”

Enrollment Period:	Fall 2021
Course Dates:	Tuesday, September 7, 5:30 – 7:30 PM Tuesday, September 21, 5:30 – 7:30 PM Monday, October 4, 5:30 – 7:30 PM
Student Max:	No maximum
Class Year:	MS1
Course Director:	Allison Weyer, MD (weyerag2@upmc.edu)
Course Administrators:	John Hall, MD (halljw2@upmc.edu) Chandler Fountain, MD (fountainch@upmc.edu)
Location:	Gross Anatomy Lab
Registration:	Via Amp Up – Registration open date will be announced via email
Course Description:	<p>This course is designed to run concurrently with and complement the Medical Anatomy MS-1 course. During each session, students will be divided into small groups and will rotate through multiple stations in the gross anatomy lab designed to emphasize anatomy relevant to the current Medical Anatomy block. 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. 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.</p>

Objectives:	<ul style="list-style-type: none"> • 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.
Pre-Requisites:	None
Requirements:	None
Texts:	None

Session 1, Tuesday September 7th, 5:30 – 7:30 p.m.

- Thoracic, cardiovascular, and abdominopelvic anatomy will be explored chest x-ray, high resolution CT, CT angiography, cardiac MRI, and ultrasound. Stations will include (1) thorax, (2) abdomen, (3) pelvis, (4) cardiac, and (5) basics of imaging.

Session 2, Tuesday September 21st, 5:30 – 7:30 p.m.

- Head and neck anatomy will be explored utilizing CTA of the head and neck, MRI of the brain, spine radiographs, and MRI of the spine. Stations will include (1) neck and brain vasculature, (2) brain and brainstem, (3) pharynx and larynx, (4) neck soft tissues by triangles and landmarks.

Session 3, Monday October 4th, 5:30 – 7:30 p.m.

- Extremities anatomy will be explored utilizing radiographs, CTAs, and MRI of the joints and major compartments. Stations will include (1) upper extremity muscles/tendons, (2) lower extremity muscles/tendons, (3) vasculature of the extremities, (4) osseous anatomy.