**Point of Care (POCUS) Basics**  
*Professional Enrichment Course*  
**FALL 2020**

**Course Dates:** October 13, 20, 27, November 3  
Tuesdays, 1:00-2:30 PM  
(See location schedule on page 2)

**Maximum Students:** 20

**Class Year:** MS1

**Course Director:** Emily Lovallo, MD

**Contact Information:** Emily Lovallo, MD  
lovalloem2@upmc.edu

**Registration:** Denise Downs, Office of Medical Education  
ddowns@pitt.edu

**Description:**  
During this 4 session professional enrichment course, which is designed to run concurrently with the Medical Anatomy MS-1 course, students will learn about anatomy as they scan each other. This will be a hands-on course that will focus on the sonographic anatomy.

**Requirements:**  
- Actively participate in all four sessions.

**COURSE OUTLINE**  
**Point of Care Ultrasound (POCUS)**

**Location**  
All in person sessions will be from 1-2PM in the small group study rooms  
(Details will be announced by Dr. Lovallo)

**Description:**  
We will use a flipped-classroom structure for this course. Students will be required to watch brief pre-recorded videos on their own ahead of time. When we meet students will work in groups of 4 with one faculty member to practice hands-on ultrasound skills using peer-peer scanning. You will review relevant anatomy covered in your Anatomy course, and faculty will begin to introduce clinical relevance of ultrasound findings.

We will cover  
- Ultrasound Basics (physics, how to use the system, indications for different probes, doppler, color) while reviewing the anatomy of the neck.  
- Abdominal Ultrasound  
- Musculoskeletal Ultrasound  
- Cardiac Ultrasound

Due to restrictions in place in response to COVID-19, students will wear surgical masks and eyewear during the sessions. Students will be grouped strategically based on enrollment such that there are 2 male students per group that will be used for cardiac ultrasound. All students should be prepared to rotate through as ultrasound "models" for the other applications.