



# Professional Enrichment Course

University of Pittsburgh School of Medicine

Office of Medical Education

PEC Registrar – Denise Downs [d downs@pitt.edu](mailto:d downs@pitt.edu) 412-648-8749

## Orthopaedic Surgery Sports Medicine

<b>Enrollment Period:</b>	Spring 2022
<b>Course Dates:</b>	1/4, 1/11, 1/25, 2/1, 2/8, 2/15 (5-7PM)
<b>Student Max:</b>	70
<b>Class Year:</b>	MS1, MS2
<b>Course Director:</b>	Volker Musahl, MD Email: <a href="mailto:musahlv@upmc.edu">musahlv@upmc.edu</a> Tel: 412-432-3618
<b>Course Contact:</b>	Ehab Nazzal, MD <a href="mailto:nazzalem2@upmc.edu">nazzalem2@upmc.edu</a>
<b>Location:</b>	Scaife Hall LR1
<b>Registration:</b>	Via Amp Up during PEC enrollment period
<b>Course Description:</b>	<p>There will be 6 sessions in this mini-elective course which will run for 2 hours each session. The goal of this course is to expose first and second year medical students to the clinical presentation, diagnostic work-up and treatment options for common injuries and pathologies in Orthopaedic Surgery Sports Medicine. Each session will cover a specific joint including the knee, shoulder, hip, hand/wrist, foot/ankle and spine. The surgical anatomy, common pathologic conditions and conservative versus surgical treatment options will be discussed. Radiologic images including x-rays and MRI's will be presented and participants will learn basic interpretation of these studies. Students will be required to review the anatomy and read the selections that will be provided prior to attending each class and be prepared to discuss. Sessions will include a short didactic portion and then will focus on case-based curricula. Cases will be presented, and students will be guided through the clinical decision making process for each condition, including history, physical exam, imaging choice and interpretation, and treatment options.</p>
<b>Objectives:</b>	<ul style="list-style-type: none"><li>• To review musculoskeletal anatomy of the knee, shoulder, hip, hand/wrist, foot/ankle and spine</li><li>• To learn common pathologies and injuries of the knee, shoulder, hip, hand/wrist, foot/ankle and spine</li><li>• To review the musculoskeletal physical exam</li><li>• To learn the appropriate work-up for injuries of various joints</li></ul>

	<ul style="list-style-type: none"> <li>• To learn to identify imaging findings of common pathologies of the joints</li> <li>• To apply clinical decision-making for common pathologies of the joints.</li> </ul>
<b>Pre-Requisites:</b>	None
<b>Requirements:</b>	Must Attend all sessions. Required reading assignments before each session.

**Course Director:**

Volker Musahl, MD

**Faculty:**

Ehab Nazzal, MD

**There will be required reading assignments and anatomy review before each session**

**Session I:**

Knee

Required Reading: Netter's Atlas of Human Anatomy-Knee  
AAOS Orthopedic Knowledge Update 11 (electronic resource)

**Session II:**

Hand/Wrist

Required Reading: Netter's Atlas of Human Anatomy-Hand  
AAOS Orthopedic Knowledge Update 11 (electronic resource)

**Session III:**

Hip

Required Reading: Netter's Atlas of Human Anatomy-Hip  
AAOS Orthopedic Knowledge Update 11 (electronic resource)

**Session IV:**

Spine

Required Reading: Netter's Atlas of Human Anatomy - Spine AAOS Orthopedic Knowledge Update 11  
(electronic resource)

**Session V:**

Foot/Ankle

Required Reading: Netter's Atlas of Human Anatomy- Foot & Ankle AAOS Orthopedic Knowledge Update  
11 (electronic resource)

**Session VI:**

Shoulder

Required Reading: Netter's Atlas of Human Anatomy-Shoulder AAOS Orthopedic Knowledge Update 11  
(electronic resource)