



Professional Enrichment Course

University of Pittsburgh School of Medicine

Office of Medical Education

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

Master Diagnosticians

Enrollment Period:	Spring 2023
Course Dates:	Jan 9, 23, 30; Feb 6, 20, 27 (6-8PM)
Student Max:	20
Class Year:	MS 2 - Class of 2025
Course Director:	Thuy Bui and Melissa McNeil
Course Administrator:	Thuy Bui
Location:	Zoom 6-8PM
Registration:	Via Amp Up
Course Description:	<p>The ability to diagnose effectively and accurately requires integrating knowledge base with clinical reasoning skills to solve medical problems. This six-session mini-elective will introduce students to principles that underlie the clinical thinking of physicians and allow each student to develop the skills to becoming expert diagnosticians through problem- and case-based techniques using clinical vignettes. Students will learn to describe case concisely and to use medical terms to show that they understand how the patient's words translate into accepted medical equivalents thereby linking the case to their formal knowledge. Each session will be composed of a brief formal lecture followed by individual and collaborative clinical reasoning exercises and presentation of unknown cases to seasoned clinicians. The theater-style think-aloud and reflective role play by faculty will model the complexity of the clinical reasoning process which requires both formal and experiential knowledge.</p>
Objectives:	<ul style="list-style-type: none">• Define the stage of the clinical reasoning process from data acquisition, problem recognition to interpretation or hypothesis generation• Integrate information from a clinical encounter to achieve a working diagnosis and differential diagnoses• Demonstrate the utility of an illness script in clinical reasoning• Organize oral presentations to reflect clinical reasoning• Describe cognitive biases that contribute to poor diagnostic performance
Pre-Requisites:	Completion of foundations, organ systems and patient care of the pre-clinical curriculum

Requirements:	Active participation in all sessions. Need to attend at least 3 out of 6 sessions for credit
Texts:	https://clinicalproblemsolving.com/resources/ https://www.improvediagnosis.org/clinicalreasoning/