



# Professional Enrichment Course

University of Pittsburgh School of Medicine

Office of Medical Education

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## Introduction to Dermatology

<b>Enrollment Period:</b>	Spring 2022
<b>Course Dates:</b>	April 5, 12, 19, May 10, 17 (1-3PM)
<b>Student Max:</b>	10
<b>Class Year:</b>	MS1 Only
<b>Course Director:</b>	Alaina James, MD email: <a href="mailto:jamesaj@upmc.edu">jamesaj@upmc.edu</a>
<b>Course Contact:</b>	Alaina James, MD email: <a href="mailto:jamesaj@upmc.edu">jamesaj@upmc.edu</a>
<b>Location:</b>	TBA
<b>Registration:</b>	Via Amp Up – You will receive an email with enrollment info
<b>Course Description:</b>	This mini-elective involves 4 sessions, each about 1hour long, to introduce the student to the field of dermatology. Students will learn about the diagnosis and management of dermatologic conditions, the terminology used to describe skin lesions and will be introduced to common skin treatment modalities. Students will gain valuable clinical presentation experience by preparing a short presentation about an assigned case. Students will also gain hands-on experience performing common types of biopsies and cryotherapy on pig’s feet after learning about the indications. Students will practice excisional biopsies with simple and layered closure and transposition and advancement flaps.
<b>Objectives:</b>	<ol style="list-style-type: none"><li>1. Understand the descriptive terms used to describe skin conditions and ap-ply these terms to describe skin lesions</li><li>2. Learn the presentation, differential diagnosis and treatment of common dermatologic conditions</li><li>3. Understand the indications for various dermatologic treatments, such as cryotherapy and skin biopsies</li><li>4. Learn the basics of how to perform various dermatologic treatments in-cluding cryotherapy and skin biopsy techniques, including shave, punch and excisional biopsies</li></ol>
<b>Pre-Requisites:</b>	None

<b>Requirements:</b>	<ol style="list-style-type: none"><li>1. Short presentation about an assigned dermatologic case</li><li>2. Active participation in all sessions</li></ol>
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**Session 1:**

Students will learn the important aspects of the dermatology H&P, will be introduced to the terminology used to describe skin lesions, will practice applying these terms to examples and will be guided to generate a differential diagnosis.

**Session 2:**

Students will be presented with a photo of a dermatologic condition and will be asked to give a 5-minute presentation to the group. Presentations should include a description of the lesion or rash, differential diagnosis, work-up and management. As this is an academic exercise, the process of investigating the lesion and thinking of the differential diagnosis is the main purpose of the exercise, rather than if the student determines the correct diagnosis.

**Session 3:**

Students will learn the indications for cryotherapy and the different types of biopsies including shave, punch and excisional. They will then have hands-on practical experience performing cryotherapy shave and punch biopsies on pig's feet. They will also perform excisional biopsies with simple closure using interrupted, running and vertical mattress sutures.

**Session 4:**

Students will have additional practical experience performing excisional biopsies with more advanced sutured techniques including layered closure using running, modified buried vertical mattress, and running subcutaneous sutures, and will practice transposition and advancement flaps.