

670A: PHYSICAL MEDICINE & REHABILITATION

Course approval from elective coordinator is required prior to enrollment

Course Description: This course is offered as a 2-week or 4-week elective to provide students with a full-time experience in the field of Physical Medicine & Rehabilitation. Student will be exposed to both inpatient and outpatient experiences and will learn the roles of a PM&R specialist, as well as those of physical therapy, occupational therapy, speech therapy and other services in the multi-disciplinary approach to managing patients with an impairment, disability and handicap. Students work under supervision of resident and attending physicians, participating in formal lectures as well as clinical teaching.

Department: Physical Medicine & Rehabilitation

Prerequisites: UC Irvine medical students must have successfully completed their basic science curriculum. Extramural students must be in the final year of medical education.

Restrictions: None

Elective Director: Bi-Ying Yeh, MD, 101 The City Drive South, Department of Physical Medicine 78 Rehabilitation, Bldg 53, R 310C, orange, CA 92868-4580

Instructing Faculty: Physical Medicine & Rehabilitation faculty

Course website: <http://www.pmr.uci.edu/medical-students.asp>

Reporting on the first day: Please contact the site coordinator

Reporting time on first day: 7:00 am

Elective Coordinator: Susan Downing, Department of PM&R, sdowning@uci.edu or 714-456-6444

Locations: UC Irvine Medical Center (2-week rotation) 4-week rotation also includes one week at each Long Beach VA Healthcare System and Long Beach Memorial Medical Center

Periods available: Throughout the year, except July 1 - July 14

Duration: 2-week and 4-week rotations are available

Scheduling:

- **UC Irvine students** must officially enroll for the course by contacting the Scheduling Coordinator via email or phone (714) 456-8462 to make a scheduling appointment.
- **Extramural students** enrolled at a U.S. LCME medical school must use VSAS to apply. To apply please refer to this website <https://students-residents.aamc.org/attending-medical-school/electives-andmake-courses/applying-away-electives-vsas/>

Course Objectives: At the end of the rotation, the medical student will:

- Be acquainted with PM&R as a medical specialty
- Understand appropriate situations for referral to PM&R
- Learn the scope and nature of PM&R practice
- Be able to discuss functional implications of illnesses and injuries
- Be able to discuss the impact of chronic illness and pain on the individual, family, and community, including social, economic, and cultural implications.
- Be able to perform a psychiatric history, with emphasis on functional abilities and limitations and psychosocial factors.
- Acquire skills in physical examination of the neurologic and musculoskeletal systems, with clear understanding of manual muscle testing and range of motion testing.
- Be able to discuss therapeutic options available to patients with disorders of the musculoskeletal and nervous systems.
- Be able to describe the advantages of a rehabilitation team, member disciplines, and special abilities of each team member.
- Be able to describe the different facilities and levels of care appropriate for the different stages in the rehabilitative and recovery course.

Key Topics: Musculoskeletal and neurologic exam; rehabilitation assessment, multi-disciplinary model and team approach to patient care

Competencies: Musculoskeletal and neurologic examination skills

Attitudes and commitments: Understand PM&R and how referral to this specialty can benefit patients

Educational activities: Varies with assignment (will incorporate clinical exposure, didactic learning, and small group discussions)

Preparation for rotation: Review basic physical examination skills, neurologic exam skills, musculoskeletal anatomy, basic internal medicine knowledge.

Clinical Responsibilities of the student: On inpatient and consult services, the student will be expected to carry 2-4 patients throughout the rotation.

Patient care responsibilities: On inpatient and consult services, the student will be expected to be able to conduct a thorough history and physical exam, and be able to present patients in a structured, organized manner. They should be able to generate a basic differential diagnosis and have ideas for a medical plan.

Student call schedule: None

Procedures learned: Varies with rotation

Percentage of time in ambulatory setting: One half day during 2-week rotation. One week on 4-week rotation.

Conference/lecture/small group sessions: Medical students are required to attend the weekly PM&R didactic sessions held on Thursday afternoons from 1:00 – 5:00 pm. They will also be required to give a presentation about a PM&R topic at the end of their rotation at UCIMC.

Course hours weekly summary: 40 hours/week

Content theme integration: None

Recommended reading: UCI PM&R Medical Student Handbook – provided prior to the course start date

Official grading policy: The student will receive a grade based on their school's standard grading forms. UCI medical students' final grades will be submitted on the standard UC Irvine elective form. Medical students will be evaluated by attendings and residents in the areas of medical knowledge, patient care, practice-based learning, systems-based practice, interpersonal skills, communication skills, and professionalism.

Revised: Feb 22, 2018