

# 670A: Physical Medicine & Rehabilitation

Course approval from elective coordinator is required prior to enrollment

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**Course Name** Physical Medicine & Rehabilitation  
**Course Director** Bi-Ying Yeh, MD

**Academic Year** 2020-2021

## 1. Course Director, Coordinator and General Administrative Information

### FACULTY AND STAFF

Name	Office Location	Phone	Email
Director: Bi-Ying Yeh, MD	101 The City Dr. S., Bldg. 53, Rm. 310C	714-456-6444	biyingy@uci.edu
Coordinator: Susan Downing	101 The City Dr. S., Bldg. 53, Rm. 310C	714-456-6444	sdowning@uci.edu

### 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 multidisciplinary 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.

### PREREQUISITES

This course is intended for 3<sup>rd</sup> and 4<sup>th</sup>-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

**RESTRICTIONS**

This course is intended for 3<sup>rd</sup> and 4<sup>th</sup>-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

**COURSE DIRECTOR**

Bi-Ying Yeh, MD, 101 The City Drive South, Department of Physical Medicine & Rehabilitation (PM&R), Bldg. 53, Room 311A (3<sup>rd</sup> Floor), Orange, CA 92868.

**INSTRUCTING FACULTY:** Jay Han, MD, Shahira Khoury, MD, David Majors, MD, and Bi-Ying Yeh, MD, Physical Medicine & Rehabilitation (PM&R)

Susan Downing is the course coordinator for 670A course.

**INFORMATION FOR THE FIRST DAY**

Medical Student Coordinator will provide instructions.

**SITE:** UCI Medical Center (2-week) 4-week rotation also includes one week each at Long Beach VA Healthcare System and Long Beach Memorial Medical Center.

**DURATION:** 2 or 4 weeks

**Scheduling Coordinator:** UC Irvine students please call (714) 456-8462 to make a scheduling appointment.

**Periods Available:** The time of the course must be pre-approved by the elective director at least 3 months prior to the start of the course. No exceptions.

**NUMBER OF STUDENTS ALLOWED:** 2 per rotation

**WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE**

Review basic physical examination skills, neurologic exam skills, musculoskeletal anatomy, basic internal medicine knowledge.

**COMMUNICATION WITH FACULTY**

Questions about logistics should be directed to the Course Coordinator. Direct questions, comments, or concerns about the course can be directed to the Course Director. Contact information and office location are at the beginning of this document.

The Course Director is also available to meet in person. Please email [sdowning@uci.edu](mailto:sdowning@uci.edu) to arrange an appointment. To ensure that your email will not be lost in the large volume of email received, please use the following convention for the subject line:

SUBJECT: COURSE NAME, your last name, your issue (e.g. XXX, Smith, Request for appointment)

## 2. Course Objectives and Program Objective Mapping

The following are the learning objectives for the 670A course. Students are expected to demonstrate proficiency in these areas in order to satisfactorily complete the course. In addition, the extent of a student's mastery of these objectives will help guide the course evaluation and grade.

<b>Course Objective</b>	<b>Mapped UCI School of Medicine Program Objective</b>	<b>Sub Competency</b>	<b>Core Competency</b>
Be acquainted with PM&R as a medical specialty	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Basic Clinical Skills	Knowledgeable
Understand appropriate situations for referral to PM&R	A-5. Knowledge of medical practice, including healthcare economics and health systems impacting delivery and quality of patient care	Medical Practice	Knowledgeable
Learn the scope and nature of PM&R practice	A-5. Knowledge of medical practice, including healthcare economics and health systems impacting delivery and quality of patient care	Medical Practice	Knowledgeable
Be able to discuss functional implications of illnesses and injuries	A-2. Knowledge of the pathogenesis of diseases, interventions for effective treatment, and mechanisms of	Disease Pathogenesis	Knowledgeable

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	health maintenance to prevent disease		
Be able to discuss the impact of chronic illness and pain on the individual, family, and community, including social, economic, and cultural implications.	B-5. The ability to practice effective preventive medicine by identifying, addressing and advocating for strategies to maintain health and well-being, to identify and treat disease early where appropriate and to advise on lifestyle practices	Patient Management	Skillful
Be able to perform a psychiatric history, with emphasis on functional abilities and limitations and psychosocial factors.	B-1. The ability to competently conduct a medical interview and counseling to take into account patient health beliefs, patient agenda and the need for comprehensive medical and psychosocial assessment	Medical Interview	Skillful
Acquire skills in physical examination of the neurologic and musculoskeletal systems, with clear understanding of manual muscle testing and range of motion testing	B-2. The ability to competently perform a complete and organ-system-specific examination including a mental health status examination	Physical Exam	Skillful
Be able to discuss therapeutic options available to patients with disorders of the musculoskeletal and nervous systems.	B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines	Patient Management	Skillful
Be able to describe the advantages of a	C-1. Honesty and integrity reflecting the	Professionalism	Altruistic

rehabilitation team, member disciplines, and special abilities of each team member.	standards of the profession, in interacting with colleagues, patients, families and professional organizations		
Be able to describe the different facilities and levels of care appropriate for the different stages in the rehabilitative and recovery course	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Basic Clinical Skills	Knowledgeable

### 3. Course Resources

**TEXTS AND READINGS: SUGGESTED**

- UCI PM&R Medical Student Handbook – provided prior to the course start date

### 4. Major Exams, Assignments and Grading

**EDUCATIONAL ACTIVITIES**

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

**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 a 2-week rotation. One week during a 4-week rotation.

**CONFERENCE/LECTURE/SNALL GROUP SESSION:** Medical students are required to attend the weekly PM&R didactic sessions held on Thursday afternoons from 1:00 – 5:00 p.m. They will also be required to give a presentation about a PM&R topic at the end of their rotation at UCIMC.

### **GRADING**

Medical Students are graded using the following scale: Honors (H), Pass (P), Fail (F) and Incomplete (I). For further information, please review the [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.

You have 30 days from the date of the grade to appeal any aspect of this grade. Please contact your Clerkship/course Director should you have any questions.

**Requirements for "Pass":** To receive a grade of Pass, students must demonstrate successful performance in all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

**Requirements for "Honors":** To receive a grade of Honors, students must demonstrate exceptional performance all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

**Grounds for "Incomplete":** You will not be issued a grade until all elements of the course have been completed.

**REMEDIATION**

Remediation, if needed will be designed by the Course Director to suit the issue at hand.

**Grounds for "Fail":** You will receive a grade of "Fail" if the requirements for passing the course have not been met. Please refer to the [Grading Policy](#) for the impact of the "Fail" grade to the transcript.