1. Course Director, Coordinator and General Administrative Information

FACULTY AND STAFF

<table>
<thead>
<tr>
<th>Name</th>
<th>Office Location</th>
<th>Phone</th>
<th>Email</th>
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</thead>
<tbody>
<tr>
<td>Director: Bi-Ying Yeh, MD</td>
<td>101 The City Dr. S., Bldg. 53, Rm. 311A</td>
<td>714-456-6668</td>
<td><a href="mailto:biyingy@hs.uci.edu">biyingy@hs.uci.edu</a></td>
</tr>
<tr>
<td>Co-director: David Majors, MD</td>
<td>101 The City Dr. S., Bldg. 53, Rm. 311A</td>
<td>714-456-6668</td>
<td><a href="mailto:dmajors1@hs.uci.edu">dmajors1@hs.uci.edu</a></td>
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<tr>
<td>Coordinator: Diana Arsharuni</td>
<td>101 The City Dr. S., Bldg. 53, Rm. 311A</td>
<td>714-456-6668</td>
<td><a href="mailto:darsharu@hs.uci.edu">darsharu@hs.uci.edu</a></td>
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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 (PM&R). Students will be exposed to outpatient physical medicine and rehabilitation at UCI Medical Center and will learn the roles of a PM&R specialist in treating patients with an impairment, disability, or handicap. Students work under supervision of resident and attending physicians, participate in formal lectures as well as client teaching. In these clinics students will gain experience in managing musculoskeletal complaints, amputations, and acute and chronic neurologic issues such as stroke, traumatic brain injury, spinal cord injury, and spasticity. They will also observe electrodiagnostic studies.
PREREQUISITES
UCI medical students must have successfully completed their basic science curriculum.

For **fourth year UCI students**, please submit a brief personal statement to describe your reason for requesting this rotation and your goals (what would you like to learn and in what setting).

Please include your possible subspecialty considerations for the future and if you will be applying to PM&R for residency.

RESTRICTIONS
If you are not applying to PM&R residency, please consider scheduling your rotation during late January - May if possible.

We currently are not accepting extramural third year medical students for elective rotations, however if you are interested in a shadowing opportunity, please contact Susan Downing sdowning@hs.uci.edu.

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

INFORMATION FOR THE FIRST DAY
On Monday morning please report to EMG clinic by 7:45 AM where you will meet up with the resident and attending. This clinic is located in Pavilion I on the first floor.

Medical Student Coordinator will provide detailed instructions.

SITE
UC Irvine Medical Center
101 The City Drive South
Orange, CA 92868

DURATION
2-week and 4-week rotations are available.

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

**Periods Available**: Throughout the year, except June 21-July 18

**NUMBER OF STUDENTS ALLOWED**
1 per rotation block
SCHEDULING:
- UC Irvine medical 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/visiting-student-learning-opportunities/how-use-vslo-application-service

WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE
Understand how to do a comprehensive physical examination including neurologic exam. Understand how to do manual muscle strength testing. Review peripheral nerves and nerve roots listed in medical student handbook that is provided.

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 Diana Arsharuni 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: PM&R Outpatient Rotation, your last name, your issue (e.g. PM&R Outpatient Rotation, Smith, Request for appointment)

2. Course Objectives and Program Objective Mapping
The following are the learning objectives for the PM&R Outpatient 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.

<table>
<thead>
<tr>
<th>Course Objective</th>
<th>Mapped UCI School of Medicine Program Objective</th>
<th>Sub Competency Details</th>
<th>Core Competency</th>
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<tbody>
<tr>
<td>Acquire an understanding of common musculoskeletal disorders including shoulder</td>
<td>A-2. Knowledge of the pathogenesis of diseases</td>
<td>Disease Pathogenesis and Treatment</td>
<td>Knowledgeable</td>
</tr>
<tr>
<td>pain, back pain, and knee pain</td>
<td>and interventions for effective treatment, and</td>
<td>mechanisms of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>mechanisms of</td>
<td></td>
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</tr>
<tr>
<td>Activity</td>
<td>Competency Statements</td>
<td>Skill</td>
<td>Competency Area</td>
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<tr>
<td>Interview a patient to guide a plan for physical exam</td>
<td>B-1. 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</td>
<td></td>
<td>Medical Interview</td>
</tr>
<tr>
<td>Be able to perform a thorough musculoskeletal exam to evaluate common musculoskeletal disorders</td>
<td>B-2. The ability to competently perform a complete and organ-system-specific examination including a mental health status examination</td>
<td>Skillful</td>
<td>Physical Exam</td>
</tr>
<tr>
<td>Develop a differential diagnosis and management plan for common musculoskeletal disorders</td>
<td>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.</td>
<td>Skillful</td>
<td>Patient Management</td>
</tr>
<tr>
<td>Understand the anatomy and function of common peripheral nerves and nerve roots evaluated in electrodiagnostic studies</td>
<td>A-1. Structure and function of organ systems</td>
<td>Knowledgeable</td>
<td>Structure and function of organ systems</td>
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<tr>
<td>Understand the role of PM&amp;R in the long term management of brain injury, stroke, and spinal cord injury</td>
<td>A-5. Knowledge of medical practice, including healthcare economics and health systems impacting delivery and quality of patient care</td>
<td>Knowledgeable</td>
<td>Medical Practice</td>
</tr>
<tr>
<td>Develop a plan of management for brain injury, stroke, and spinal injury</td>
<td>B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list</td>
<td>Skillful</td>
<td>Patient Management</td>
</tr>
<tr>
<td>Task</td>
<td>Knowledge/Compassion/Sensitivity</td>
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<tr>
<td>Understand the common components of a below knee prosthesis and common complications faced by amputees</td>
<td>A-2. Knowledge of the pathogenesis of diseases, interventions for effective treatment, and mechanisms of health maintenance to prevent disease</td>
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</table>
| Understand the impacts of functional impairments, disability, and handicap on a person, their socioeconomic status, their social roles, and their mental health. Understand the impact that social support network, financial resources, and medical insurance or lack thereof can impact a person’s recovery and functional prognosis. | C-2. Commitment to comprehensive, holistic medical care  
C-3. Sensitivity and awareness of social factors impacting patient health and illness  
C-4. Seek knowledge and skills to better serve the needs of the underserved in their communities |
| Understand the goals that patients may have throughout their various stages of life. Understand the resources that can be available to patients and the physician’s role in helping patients navigate the medical system. | D-2. A commitment to patient care and to the well-being of patients |
| Give a presentation to the residents and attendings on one topic by the end of the rotation | D-1. Commitment to lifelong learning, independently seeking new knowledge |
3. Course Resources

CANVAS COURSE ORGANIZATION

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<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thurs</th>
<th>Fri</th>
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<tbody>
<tr>
<td>AM</td>
<td>EMG Pav 1</td>
<td>MSK Yorba Linda Clinic</td>
<td>General MSK Pav 1</td>
<td>MSK Tustin Clinic</td>
<td>EMG Pav 1</td>
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<tr>
<td>PM</td>
<td>General Amputee Neuro Rehab Pav 1</td>
<td>General Amputee Neuro Rehab Pav 1</td>
<td>MSK Pav 3</td>
<td>Didactics</td>
<td>Inpatient Consults and Observe ARU Therapists</td>
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TEXTS AND READINGS: SUGGESTED
UCI PM&R Medical Student Handbook (provided electronically before rotation begins, physical copy to be provided on the first day)

Physical Medicine and Rehabilitation Board Review
By Sara J. Cuccurullo

ADDITIONAL RESOURCES
www.aapmr.org
www.physiatry.org

4. Major Exams, Assignments and Grading

MANDATORY SESSIONS

PM&R residency didactics

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>PM&amp;R Residency Didactics</td>
<td>Varies</td>
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<tr>
<td>Thursdays 1-5pm</td>
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MAJOR ASSIGNMENTS AND EXAMS
Medical students will be required to give a 15-minute presentation about a PM&R topic of their choice during the final week of their rotation.

THE GRADING SCALE
Medical Students are graded using the following scale: Honors (H), Pass (P), and Fail (F). or for the MS I courses Pass (P), and Fail (F).

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.

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.

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 (top 10% of all students) in 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.