

660V Pediatric Infectious Diseases

Course Name Pediatric Infectious Diseases

Course Director David Michalik, DO / Jasjit Singh, MD

Elective at a Glance		
Available to: <input type="checkbox"/> UCI MS3 students <input checked="" type="checkbox"/> UCI MS4 students <input checked="" type="checkbox"/> Extramural Students		
Duration: 2-4 weeks	Number of Students: Millers-based rotation: 1-2 CHOC-based rotation: 1-2	Grading: H / P / F / I
Periods available: The time of the course must be pre-approved by the elective director at least three months prior to the start of the course. No exceptions.		

1. Course Director, Coordinator and General Administrative Information

FACULTY AND STAFF

Name	Office Location	Phone	Email
Directors:			
David Michalik, DO	2650 Elm Ave., Ste. 301	714-456-5650	dmichalik@memorialcare.org
Jasjit Singh, MD	505 S. Main St., Ste.1200	714-509-8403	jsingh@choc.org
Coordinator: Frank Cruz	505 S. Main St., Ste. 525	714-456-5650	fcruz@hs.uci.edu

DESCRIPTION

The student will be an active participant in the in-patient clinical consultation service at either Children's Hospital of Orange County (CHOC) or Miller Children's and Women's Hospital Long Beach (MCWHLB) under the guidance of a faculty member and be responsible for the initial evaluation of children for whom an infectious disease consultation has been requested. The student will formulate each case and prepare preliminary recommendations for discussion with the faculty and then follow the patient throughout their hospital course. The student will also participate in weekly ID cases rounds, monthly microbiology lab rounds, monthly Infection Prevention teaching rounds, and monthly Journal Club. During infectious disease rounds and conferences, the student will be asked to present patients and actively participate in subsequent discussions. In addition to the reading syllabus that is provided, the student will be expected to search the published medical literature for relevant information regarding their patients. The student will acquire an approach to critical evaluation of the published literature. The student may also participate in ongoing clinical research programs at either site if interested.

PREREQUISITES

This elective is intended for fourth-year medical students enrolled at the UCI School of Medicine. Students need to have taken their general pediatric clerkship BEFORE they can take this elective and need prior approval before rotating at either site. This elective accepts extramural students from accredited medical schools.

RESTRICTIONS

This elective at CHOC accepts extramural students from accredited medical schools. Non-UCI medical students cannot work at MCWHLB at this time.

COURSE DIRECTOR

Dr. Singh is a board-certified pediatric infectious diseases physician. She is a clinical professor of pediatrics at UCISOM and has been dedicated to medical education at CHOC Children's since 1995. She serves as a faculty advisor for the Pediatric Residency Program, is a member of the Residency Selection Committee, and a member of the UCI-CHOC Residency Clinical Competency Committee.

Dr. Michalik is a clinical professor of pediatrics at UCISOM and has been active in medical education at MCWHLB since 2007. He is one of the associate program directors for the UCI-CHOC pediatric residency program and is actively engaged in clinical research projects.

Frank Cruz is the course coordinator for 660V course. Frank Cruz has been working as Student Coordinator for the UCISOM for over 10 years. In addition to his Student Coordinator duties, he also works as an assistant coordinator for the UCI-CHOC Pediatric Residency.

INFORMATION FOR THE FIRST DAY

Who/Location/Time to Report to on First Day: Frank Cruz Student Coordinator will contact student with further details. fcruz@hs.uci.edu (714) 456-5650

SITE: CHOC or MCWHLB (Miller Children's and Women's Hospital Long Beach).

DURATION: 2- or 4-week electives are accepted but 4 weeks is highly encouraged.

Scheduling Coordinator: UC Irvine students please email comsched@hs.uci.edu 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 the [Visiting Student Learning Opportunities](#) website.

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

NUMBER OF STUDENTS ALLOWED

Millers-based rotation: 1-2

CHOC-based rotation: 1-2

WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE

In preparation for this rotation, students are asked to review 1) pediatric immunizations and 2) the mechanisms of action, dosing, and resistance patterns of commonly used antibiotics.

COMMUNICATION WITH FACULTY

All questions about logistics should be directed at the Course Coordinator. Contact information and office location are at the beginning of this document. The Course Director is also available to meet in person. Please email fcruz@hs.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. 660V, Smith, Request for appointment)

2. Course Objectives and Program Objective Mapping

The following are the learning objectives for the 660V 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.

Course Objective	Mapped UCI School of Medicine Program Objective	Sub Competency	Core Competency
Understand the basic pathophysiologic and therapeutic principles underlying pediatric infectious diseases. Emphasis will be on pertinent use of historical and physical examination findings in patient evaluation, and clinical decision-making regarding the appropriate diagnostic and therapeutic approach to children with a variety of febrile illnesses and infectious diseases.	A-2. Knowledge of the pathogenesis of diseases, interventions for effective treatment, and mechanisms of health maintenance to prevent disease	Disease Pathogenesis and Treatment	Knowledgeable
	A-4. Knowledge of population health, epidemiology principles and the scientific basis of research methods relevant to healthcare	Population Health and Epidemiology	Knowledgeable
	B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning	Patient Management	Skillful

	skills in all the major disciplines		
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3. Course Resources

SYLLABUS AND ONLINE RESOURCES

A reading syllabus with all online resources will be provided via a course website. Please request access and begin reviewing the assigned material on vaccines and antimicrobials. The syllabus link is as follows: www.mchlbid.pbworks.com

The AAP Red Book is an excellent resource for ID topics.

4. Major Exams, Assignments and Grading

MAJOR ASSIGNMENTS AND EXAMS

For students doing a 4-week elective, an ID project should be completed. During your rotation, you will have the opportunity to explore an area of ID in depth that you find interesting. Many students will pick an interesting case and present a review of the topic (usually as a PowerPoint presentation) to the group at the end of the elective. Please get approval for your topic from one of the ID faculty in advance, as often it may be too broad. Schedule your presentation with your preceptor so that the whole division can attend. Alternatively, you may choose something more in-depth that will extend beyond the duration of the elective.

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 of Honors, Pass or Fail. The student's final grade will be submitted on the standard UCI elective form. The student will be evaluated by attendings and residents in the areas of performance and presentations, organization, professional attitude and knowledge base. If the student fails the elective, a grade of "F" will be permanently recorded on his/her transcript. The student can repeat the course for a second grade; however, the "F" will not be removed from the transcript.

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.