

# 660B Gastroenterology and Nutrition

This course is available to UC Irvine students only

| Elective at a Glance  |   |                           |
|---|---|---------------------------|
| <b>Available to:</b> <input checked="" type="checkbox"/> UCI MS3 students <input checked="" type="checkbox"/> UCI MS4 students <input type="checkbox"/> Extramural Students |   |                           |
| <b>Duration:</b> 4 weeks minimum  | <b>Number of Students:</b><br>Millers-based rotation: 1<br>CHOC-based rotation: 1 | <b>Grading:</b> H / P / F |
| <b>Periods available:</b> 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.           |   |                           |

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

### FACULTY AND STAFF

| Name  | Office Location   | Phone        | Email  |
|---|---|--------------|--|
| Course Director: Leon Chen, MD, MCH           | Children's<br>Gastroenterology<br>2801 Atlantic<br>Ave, Long Beach<br>90806 | 562-933-8024 | <a href="mailto:leonchen13@gmail.com">leonchen13@gmail.com</a>               |
| Director: Mitchell Katz, MD                   | 1201 W. La Veta<br>Ave.   | 714-509-4099 | <a href="mailto:mkatz@choc.org">mkatz@choc.org</a>                           |
| Director: Barry Steinmetz<br>Long Beach 90806 | 2701 Atlantic Ave<br>949-646-6224   |              | <a href="mailto:bsteinmetz@memorialcare.org">bsteinmetz@memorialcare.org</a> |
| Coordinator: Frank Cruz                       | 505 S. Main St., Ste.<br>525 Orange   | 714-456-5650 | <a href="mailto:fcruz@hs.uci.edu">fcruz@hs.uci.edu</a>                       |

### DESCRIPTION

Participation in scheduled academic and clinical activities of the Pediatric Gastroenterology and Nutrition Division, Children's Hospital of Orange County/Miller Children's Hospital. This includes didactic lectures, parenteral nutrition support team rounds, case presentations and some participation in patient care.

**PREREQUISITES**

This course is intended for third- and fourth-year students enrolled in the undergraduate medical education program at UCI School of Medicine.

**RESTRICTIONS**

This course is intended for third- and fourth-year students enrolled in the undergraduate medical education program at UCI School of Medicine.

This rotation is not accepting international students. All students must get prior approval for all CHOC-based rotations.

**COURSE DIRECTOR**

**BIO:**

Dr. Leon Chen is a board-certified pediatrician and pediatric gastroenterologist who moved from Texas to become a part of Children's Gastroenterology MCSG. He is a graduate of the University of California, Berkley and received his medical degree from Baylor College of Medicine where he graduated with honors.

Dr. Chen completed his pediatric residency and subspecialty training in pediatric gastroenterology, hepatology and nutrition at Texas Children's Hospital, one of the prominent institutions in the field. His professional interests include Neonatal nutrition, Eosinophilic Esophagitis, Inflammatory Bowel Disease, and helped create the Aerodigestive program at Miller Children's Hospital.

Interested in educations on all levels, Dr. Chen is actively mentoring physicians in training and has been nominated for teaching fellow of the year. He served on the pediatric gastroenterology fellowship committee at Baylor College of Medicine as well as the training committee of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN).

Dr. Chen enjoys teaching families and children in his community and has given talks and volunteered at many community events. He is the founder of a respite program for children with chronic diseases and has been recognized with a leadership in community service award. Dr. Chen has also done medical work in Mexico, Taiwan and Lesotho.

**BIO:**

Dr. Katz has worked in higher education since 1995. As an internationally recognized expert in Pediatric Gastroenterology, Dr. Katz serves as Division Chief of the Pediatric Gastroenterology Division at CHOC Children's. Dr. Katz serves as Director of the CHOC Children's Multidisciplinary Feeding Program and Medical

Director of Outpatient Specialty Care Services. He is also Health Sciences Professor of Pediatrics at UCI.

As Medical Director of the Multidisciplinary Feeding Program, Dr. Katz is now regarded as the leader of a program known and highly respected nationally and internationally. He has been instrumental in the formation of the new International Association of Pediatric Feeding and Swallowing and he serves on the Board of Directors. As director of the Feeding Program Dr. Katz has developed novel and innovative strategies used to work with children with feeding problems. He is a sought-after expert in this field and has been invited to give talks at professional meetings and has published in numerous journals and presented multiple abstracts in this field. The Multidisciplinary Feeding Program works with children who have a history of complex medical problems that impact upon their ability to eat food in a typical fashion. Through the work of his program, these children achieve the final step towards a normal lifestyle: being able to take a typical diet and decreasing or eliminating their reliance on specialized diets or tube feedings. As a result of the work of the members of the Program, these children and their families have their lives permanently transformed.

Serving as Division Chief of Gastroenterology at CHOC Children's, Dr. Katz has promoted the development of multiple new sub-specialty programs within the division with the focus on providing comprehensive multidisciplinary care. Included has been the development and the expansion of the abdominal pain clinic, bowel management clinic, eosinophil esophagitis clinic and liver clinic.

Working as the Medical Director of Ambulatory Specialty Care Services, Dr. Katz has worked to expand the services provided by CHOC Children's Specialists to communities in Orange, Riverside, and San Bernardino Counties. Dr. Katz continues to work with the other Divisions and the clinic administration to improve processes within the clinic assuring improving efficiency, patient and family satisfaction and program development.

On the forefront of pediatric gastroenterology research and innovative treatments, Dr. Katz and his team are involved in a number of clinical trials testing medications and innovative treatments in patients with gastroesophageal reflux, inflammatory bowel disease and eosinophilic esophagitis.

Dedicated to clinical excellence, Dr. Katz is board certified in Pediatrics and Pediatric Gastroenterology. He earned his medical degree from the State University of New York at Downstate Medical School. He completed his residency, chief residency and fellowship in Ambulatory Care at Mount Sinai Hospital in New York, and did his fellowship in Pediatric Gastroenterology and Nutrition at the University of California, San Francisco

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**BIO:**

Dr. Steinmetz has worked in higher education since 2002. Dr. Barry Steinmetz is board-certified in both Pediatrics and Pediatric Gastroenterology, Hepatology and Nutrition. Dr. Steinmetz holds an academic appointment as a Clinical Professor of Pediatrics at UCI.

Dr. Steinmetz's areas of expertise include Inflammatory Bowel Disease, Gastroesophageal Reflux Disease, Eosinophilic Esophagitis, and pediatric endoscopic procedures. He is personally responsible for adopting cutting technologies at Miller Children's Hospital including the implantable Bravo pH probe, high-resolution manometry, and capsule endoscopy for pediatric patients. Dr. Steinmetz is currently chief of staff at Miller Children's Hospital.

Dr. Steinmetz has been awarded Physician of the Year and Outstanding Faculty of the Year numerous times. In November of 2009, he was awarded the prestigious Munzer Family Award, which is presented annually in recognition of a physician within all of the Memorial HealthCare system for their excellence in teaching and research. In 2019 he was awarded the Memorial Care Physician of the Year "Simply Better" Award.

Frank Cruz is the course coordinator for the 660B course. Frank Cruz has been working as Student Coordinator for the UCISOM for 10+ Years. In addition to his Student Coordinator duties he also works as an assistant coordinator for the UCICHOC Pediatric Residency.

**INFORMATION FOR THE FIRST DAY**

*Who to Report to on First Day: MCH-based rotation:*

Frank Cruz Student Coordinator will contact students with further details.  
[fcruz@hs.uci.edu](mailto:fcruz@hs.uci.edu) (714)456-5650

CHOC-based rotation: Frank Cruz Student Coordinator will contact students with further details. [fcruz@hs.uci.edu](mailto:fcruz@hs.uci.edu) (714)456-56501

**SITE:** Miller Children's and Women's Hospital or CHOC

**DURATION:** 4 weeks minimum

**Scheduling Coordinator**

UCI students please email [comsched@hs.uci.edu](mailto:comsched@hs.uci.edu) 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**

Millers-based rotation: 1

CHOC-based rotation: 1

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

**MCH BASED ROTATION**

Students are expected to have broadly reviewed topics in pediatric gastroenterology. The American Board of Pediatrics provides a content outline for board certification that lists these topics.

**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 [fcruz@hs.uci.edu](mailto: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. XXX, Smith, Request for appointment)

**2. Course Objectives and Program Objective Mapping**

The following are the learning objectives for the 620A 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 |
|--|--|-----------------------|-----------------|
| Participation in scheduled academic and clinical activities of the Pediatric Gastroenterology and Nutrition Division, Memorial Miller Children's Hospital. This includes didactic lectures, parenteral nutrition support team rounds, case presentations and some participation in patient care. | 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

- Infant nutrition in growth and development;
- Nutritional Support of the critically ill child;
- Gastrointestinal bleeding;
- Chronic diarrhea;
- Inflammatory bowel disease;
- Neonatal Cholestasis;
- Hepatitis and hepatic failure;
- Gastroesophageal reflux,
- Cystic fibrosis management

### 4. Major Exams, Assignments and Grading

#### MANDATORY SESSIONS

##### MCH BASED ROTATION: DR. Chen Group

Noon conference lectures, typically at 12:30pm in our office.

##### MCH BASED ROTATION: Dr. Steinmetz Group

All Medical Students on the GI service will be expected to attend daily GI patient rounds as well as Pediatric noon lectures. Medical Students will be expected to attend all family meetings of GI patients that they are following.

## **MAJOR ASSIGNMENTS AND EXAMS**

### **MCH BASED ROTATION: DR. CHEN GROUP**

May be required to create a case or topic presentation at the attending's discretion

## **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.

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.

