**Internal Medicine (IMD)**

Contact: Nancy Lu (916) 734-0778

**IMD-462. Externship in Medicine**

(1-21) I, II, III, IV. H Johl, K Johl and staff. Externship—full time (4, 8, or 12 weeks)

Prerequisite: Medical Sciences 431; demonstrated ability to accept responsibility; consent of instructor. Student assumes role of acting intern and will be primary physician on medical ward under direction of medical resident and staff. Teams I through V take call every fifth night. Limited enrollment.

**IMD-463. Acting Internship in Medicine Intensive Care Unit (MICU)**

(1) I, II, III, IV. Sandrock

Clinical activity—full time.

Prerequisite: completion of third year in medical school; consent of director of MICU. At UCD Medical Center, student functions as acting intern on MICU service under direction of medical resident and staff. Responsibility for patients admitted to MICU. On call in hospital every fourth night. Limited enrollment.

**IMD-498. Group Study in Internal Medicine**

(1-18) I, II, III, IV. The Staff (Meyers in charge)

Prerequisite: consent of instructor. Special study for medical students which may involve laboratory or library research, ambulatory or inpatient care responsibility on campus, at UCD Medical Center or off campus by specific arrangement. (S/U grading only.)

**Cardiology (CAR)**

Contact: Kate Zhang (916) 734-3713

**CAR-401. Clinical Cardiology Clerkship: Kaiser**

(3/18) I, II, III, IV. The Staff

Clinical activity (4 weeks) – 8-12 hours (hospital); 1-5 hours (clinics). Prerequisite: third- and fourth-year medical students with advance approval by Division of Cardiology. Emphasis placed on history taking and physical examination of pediatric and adult patients with congenital and acquired cardiovascular disease. Hospital rounds in CCU and elsewhere. The roles of ECG, PCG, and cardiac fluoroscopy, etc., in office cardiology will be evaluated. May be repeated for credit. Limited enrollment.

**CAR-461. Management of Coronary Artery Disease: Coronary Care Unit**

(3-18) I, II, III, IV. The Staff.

Clinical Activity (inpatient service) – full time (2 or 4 weeks).

Prerequisite: completion of second year of medical school and advance approval by Division of Cardiology. Research in laboratory and exercise testing to be determined by instructor. Current methods of clinical research involving certain aspects of diagnosis and treatment. Includes acute coronary care, hemodynamic monitoring, stress testing, cardiac catheterization, pathologic correlations and the modern approach to therapy, both medical and surgical, based on pathophysiologic mechanisms. May be repeated for credit. Limited enrollment.

**CAR-464. Preventive Cardiology**

(3-6) I, II, III, IV. Amsterdam

Seminar—2 hours (for 2-4 weeks); clinical activity—full time (2-4 weeks).

Prerequisite: completion of third year of medical school. Clinical experience, weekly seminar and reading on primary a secondary prevention of cardiovascular disease. Will be carried out in Lipid and Hypertension Clinics. Exercise Laboratory, Cardiac Care Unit, Cardiac Catheterization, and Cardiac Surgery services.

**CAR-498. Special Group Study: EKG Unit**

(1-12) I, II, III, IV. The Staff (Chairperson in charge)

Special study—2 week sessions.

Prerequisite: Medical students with advance approval by monthly attending faculty. Special group study in cardiology for medical students in EKG unit. May include lectures, directed reading, and/or discussion groups. May be repeated for credit. (S/U grading only.) Limited enrollment.
NCM-461. Nutrition Clinical Clerkship
(3-18) I, II, III, IV. The Staff
Lecture – 2 hours; clinical activity – full time (2 to 12 weeks).
In-depth experience in assessment and monitoring of nutritional support of adult patients at UCD Medical Center whose illnesses are complicated by malnutrition, and of patients attending the Nutrition Clinic with problems in under-nutrition due to various illnesses.

NCM-499. Research in Nutrition
(9-18) I, II, III, IV. The Staff
Prerequisite: medical student in good standing; consent of instructor. Participation in on-going clinical or basic nutrition research. Student may devise own project depending upon time commitments.

Endocrinology and Metabolism (ENM)
Contact: Jacqueline Onyon (916) 734-8328
ENM-460. Endocrinology Clinical Clerkship
(5-18) I, II, III, IV. Prescott and staff
Clinical activity (inpatient-outpatient service) – full time (3 days per unit).
Prerequisite: Medical Sciences 431 and/or consent of instructor. Participation with members of subspecialty service in the initial evaluation, work-up, management and follow-up of patients with endocrinologic disorders. Both inpatient and outpatient experience. Limited enrollment.

ENM-499. Research
(-12) I, II, III, IV. The Staff
Prerequisite: consent of instructor. (S/U grading only).

Gastroenterology (GAS)
Contact: Tiffany Wallace (916) 734-7183
GAS-460. Clinical Clerkship
(3-18) I, II, III, IV. Rossaro and staff
Clinical activity: varied.
Prerequisite: medical student status; consent of instructor. Part-time participation in active clinical and basic research projects. Some will involve both patient care and relevant laboratory procedures. Basic research includes liver metabolism, cancer markers, porphyrias diet and cancer, folate metabolism. (S/U grading only).

General Medicine (GMD)
Contact: Gloria Camacho (916) 734-7005
GMD-460. General Medicine Consults
(1-18) I, II, III, IV. The Staff (Division Chief in charge)
Clinical activity (inpatient-outpatient service) – 40 hours.
Prerequisite: Fourth-year medical students with consent of instructor; a general medicine clerkship. Supervised opportunity to see entire spectrum of medical problems encountered by a general internist. Student spends time in General Medicine Clinic and on the General Medicine Consult Service. Consultation Service is particularly concerned with medical evaluation of surgical patients. Limited enrollment.

GMD-499. General Medicine Research
(1/18) I, II, III, IV. The Staff
Discussion – 3 hours; clinical research – 8-40 hours.
Prerequisite: consent of instructor. The student will be involved in a clinical research problem within the areas, interest and expertise of members of Division of General Internal Medicine. Alternatively, the research effort will be directed toward investigation of clinical problem of general medical interest.
**Hematology-Oncology (HON)**

Contact: Janna Peterson (916) 734-8617

**HON-460. Hematology-Oncology Clinical Clerkship**

(6-18) I, II, III, IV. Lam and staff

Clinical activity (inpatient-outpatient service) – full time (4-12 weeks).

Prerequisite: Medical Sciences 431 and/or consent of instructor. Acting internship on inpatient Hematology-Oncology service. Participation with members of the subspecialty service in the initial clinical evaluation, work-up, management and follow-up of patients with hematologic or oncologic disorders. May be repeated for credit. Limited enrollment.

**HON-462. Hematology-Oncology Clinical Clerkship**

(6-18) I, II, III, IV. Gandara, Perez

Clinical activity (inpatient-outpatient service) – full time (4-12 weeks).

Prerequisite: Medical Sciences 431 and/or consent of instructor. Clinical experience in hematology-oncology at the Sacramento VA Clinic with emphasis on evaluating new patients with anemia, coagulation disorders, reading bone marrows, and administering chemotherapy. Weekly tutorial sessions with faculty and attendance at division conferences. May be repeated for credit. Limited enrollment.

**HON-490. Practicum in Care for the Terminally Ill**

(6) I, II, III, IV. Lam Clinical activity – 40 hours/week for 4 weeks.

Prerequisite: fourth-year medical student and an interview with program Medical Director. Work with hospice team to gain experience in symptom relief, psychosocial area and bereavement counseling. A written report will be a major component used in grading. This course fulfills the Ambulatory Care requirement.

**HON-499. Research**

(1-12) I, II, III, IV. Lam and staff

Prerequisite: consnt of instructor. (S/U grading only).

**Infectious Diseases (IDI)**

Contact: Jacqueline Onyon (916) 734-8328

**IDI-460. Infectious Diseases Clinical Clerkship**

(3-6) I, II, III, IV. Pollard and Staff

Clinical activity – full time (3-4 weeks).

Prerequisite: successful completion of two years of study in an accredited medical school. In addition to seeing patients ill with infectious diseases when consultation has been requested, students will have laboratory experience in clinical microbiology. Students will also attend and participate in infectious diseases conferences, rounds and clinics. Limited enrollment with priority to fourth-year medical students.

**IDI-499. Research Topics in Infectious Disease**

(2-12) I, II, III, IV. The Staff

Prerequisite: successful completion of the first year of study in School of Medicine, graduate students (approved for graduate credit), and/or consent of instructor. Discrete problem requiring reading and actual manual effort in solution will be assigned to each student. Progress and results to be reviewed at intervals with instructor and via seminar presentation. (S/U grading only).

**Nephrology (NEP)**

Contact: Sylvia Bergeron (916) 734-3774

**NEP-460. Nephrology and Fluid Balance**

(6-12) I, II, III, IV. Kaysen and staff

Clinical activity – full time. Prerequisite: completion of third year of medical school; consent of instructor. Active participation in all inpatient/outpatient clinical activities, attendance at specific lectures and conferences at UCD Medical Center covering the field of nephrology and fluid-electrolyte disorders. Limited enrollment.
NEP-499. Research in Nephrology  
(3-18) I, II, III, IV. Kaysen  
Prerequisite: individual arrangement and consent of instructor. Independent laboratory research on a specific problem related to biochemical or immunologic causes of renal disease and/or uremic disorders in humans or animals. (S/U grading only).

Pulmonary and Critical Care Medicine (PUL)  
Contact: Chari Elijah (916) 734-4681  
PUL-460. Pulmonary Clinical Clerkship  
(3-18) I, II, III, IV. Albertson and staff  
Clinical activity – full time (2 to 12 weeks).  
Prerequisite: Medical Sciences 431. At UCD Medical Center participating and rounding with Pulmonary fellows and consultation staff. Also includes pulmonary function test interpretation, outpatient assignments in outpatient clinic and preparation and presentation of material at weekly conferences.

PUL-462. Pulmonary Clinical Clership  
(3-12) I, II, III, IV. Bonekat  
Clinical activity – full time (2-8 weeks).  
Prerequisite: completion of second year of medical school and/or consent of instructor. Participation at the Sacramento VA clinic with members of the subspecialty service initial clinical evaluation, work-up, management, and follow-up of patients with pulmonary disorders. Includes experience in Pulmonary Function Laboratory, and pulmonary diagnostic processes. Limited enrollment.

PUL-499. Research  
(1-12) I, II, III, IV. The Staff (Cross in charge)  
Prerequisite: consent of instructor. (S/U grading only).

Rheumatology-Allergy (RAL)  
Contact: Kathy Wisdom (530) 753-2884  
RAL-460. Rheumatology Clinical Clerkship  
(1-18) I, II, III, IV. Leek and staff  
Clinical activity (inpatient–outpatient service) – full time.  
Prerequisite: Medical Sciences 431 and consent of instructor. Participation with members of the subspecialty service in the diagnosis and therapeutic management of patients with rheumatologic diseases.

RAL-461. Allergy Clinical Clerkship  
(3-18) I, II, III, IV. Gershwin and staff  
Clinical activity (inpatient–outpatient service) – full time (2 to 12 weeks).  
Prerequisite: completion of second year of medical school and consent of instructor. Student will work with practicing allergist in daily work with patients and participate in weekly allergy clinic and teaching conferences. Study of the literature. Will see patients with problems in clinical immunology, immunodeficiency, asthma, allergic rhinitis.

RAL-499. Research  
(1-12) I, II, III, Iv. The Staff (Gershwin in charge)  
Part-time participation in active clinical and basic research projects which can involve both patient care and relevant laboratory procedures. Students can gain experience in clinical medicine and clinical investigation. (S/U grading only).