No specialty clerkships are offered in June to accommodate the early Acting Internship.

ANESTHESIA CLERKSHIP

Clerkship Director: James C. Phero, D.M.D.
Clerkship Coordinator: Patti Stacy

Maximum enrollment per two week session: 3

No enrollment in July

In the Anesthesia Specialty Clerkship, time is primarily spent in the operating room with the student gaining experience in the pre, peri, and post-operative management of patients. Techniques for vascular access are included as part of the training for patient management of fluid and electrolyte balance. Students are exposed to anesthetic techniques for patient management. The pharmacology of anesthetic agents is seen clinically with an emphasis on interpreting the interactions of these drugs and the rapid onset of medication given intravenously. The student has opportunity for airway management, including intubation, in the operating room setting.

Typically, didactic lectures and simulator sessions are scheduled in the first week of a student’s rotation. However, there are some rotations that these lectures/simulator sessions fall into the second week because of scheduling issues in the Clinical Skills Lab or scheduling issues with faculty:

<table>
<thead>
<tr>
<th>Lecture I</th>
<th>Lecture II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Operative Evaluation and Medications</td>
<td>Airway Management</td>
</tr>
<tr>
<td>IV Agents (Induction, Narcotics)</td>
<td>Muscle Relaxants</td>
</tr>
<tr>
<td>Inhalation Anesthetics</td>
<td>Local Anesthetics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Simulator I</th>
<th>Simulator II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basics of Anesthesia Simulator Session</td>
<td>Advanced Issues in Anesthesia Simulator Session</td>
</tr>
</tbody>
</table>

Students are provided a syllabus of the “Basics of Anesthesia” 4th Edition by Stoelting and Miller. This syllabus covers all information needed for exam.

Report first day: Clerkship schedules will be e-mailed to students one week prior to the rotation and will specify where and when each student is to report the first day. After receiving schedule, please come to MSB - Room 3504 and see Patti Stacy for course materials needed to start rotation. If you should have any questions, please call the Anesthesia Education Office at 558-2426.
CLINICAL ONCOLOGY CLERKSHIP

Clerkship Director: William L. Barrett, M.D.

Maximum enrollment per two week block: 2

No enrollment in July and August (rotations 1-4 July 2 - August 24)

The Clinical Oncology Specialty Clerkship is a two-week multidisciplinary outpatient oncology rotation, including medical oncology, pediatric oncology, surgical oncology, and radiation oncology, which meets at The Barrett Cancer Center, The Children's Hospital Medical Center and The Christ Hospital Cancer Center.

Students, closely monitored by attendings on a one-to-one basis, will see outpatients for consultation, treatment planning and follow-up examinations on all four services. Students will attend new patient conferences, tumor boards, and a medical student twice-weekly clinical conference. Adult and pediatric patients with cancers of breast, colon, prostate, lung, head and neck, lymphomas and leukemia, bone and soft tissue sarcomas, and brain tumors constitute the patient population. Students will learn clinical skills including new patient initial anatomic and functional staging, treatment planning strategies (radical/palliative, surgery/radiation/chemotherapy) and techniques of follow-up examination (lab tests, x-rays, etc.).

The text--Lenbard, Jr, Raymond, O Steen, Robert, Gansler, Ted: American Cancer Society Clinical Oncology, published by The American Cancer Society, Atlanta, Georgia 2001, will be supplied free.

First Floor, Room 1071
Report 1st day: The Barrett Cancer Center 7:45 a.m.
Room/Bldg. Time

DERMATOLOGY CLERKSHIP

Clerkship Director: Brian B. Adams, M.D.

Maximum enrollment per two week block: 2

No enrollment:

<table>
<thead>
<tr>
<th>Rotation</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation 1</td>
<td>July 2 - July 13</td>
</tr>
<tr>
<td>Rotation 2</td>
<td>July 16 - July 27</td>
</tr>
<tr>
<td>Rotation 10</td>
<td>November 5 - November 16</td>
</tr>
<tr>
<td>Rotation 11</td>
<td>November 19 - November 30</td>
</tr>
<tr>
<td>Rotation 13</td>
<td>January 4 - January 18</td>
</tr>
<tr>
<td>Rotation 14</td>
<td>January 22 – February 1</td>
</tr>
<tr>
<td>Rotation 15</td>
<td>February 4 - February 15</td>
</tr>
</tbody>
</table>

The Dermatology Clerkship is a two-week outpatient rotation that will give the student a broad exposure to common and uncommon skin disorders in children and adults. Students will rotate with attendings in their private practices in the Medical Arts Building, Montgomery Medical Arts
and University Pointe. Students will also attend weekly grand rounds and are expected to read daily from the suggested text. Direct patient responsibility will be limited.

Students will be graded on a subjective and objective basis. Subjective grading is provided by the attending with whom the student has rotated. There will be a test given to the student on the last day of the rotation.


Fifth Floor, Suite 5300
Report 1st day: Medical Arts Building 8:15 a.m.
Room/Bldg Time

EMERGENCY MEDICINE CLERKSHIP

Clerkship Director: Steven C. Carleton, M.D., Ph.D.

Maximum enrollment per two week block: 6

No enrollment in December (rotations 11 & 12, November 19 - December 14)

The Emergency Medicine Specialty Clerkship exposes the student to a wide variety of acutely ill patients presenting to an urban emergency department. Time on the clerkship is divided between several distinct areas in the emergency department, each offering a different mix of patient types and supervising personnel. Eight and twelve-hour shifts are spent working in the main emergency department (A-pod, C-pod) seeing patients with acute medical, surgical, gynecologic, neurologic and toxicologic presentations. This portion of the clerkship allows the student to participate in the initial evaluation of patients with unknown diagnoses and exercise skills in physical diagnosis, history taking, performance and interpretation of diagnostic tests, oral presentation, formulation of differential diagnoses, and clinical reasoning. Students will have the opportunity to participate in the performance of procedures such as venipuncture, arterial puncture, and passage of nasogastric tubes and urinary drainage catheters. Students also will be exposed to critically ill patients in the Shock/Resuscitation Unit of the department. Students are supervised by second or third year emergency medicine residents, or by emergency medicine faculty members, during these shifts. Several ten-hour shifts are spent in the Minor Care area of the department. Minor Care serves patients with focused complaints who generally can be definitively treated in the emergency department, or referred for outpatient treatment following temporizing emergency department management. The Minor Care portion of the clerkship allows the student to participate in a broad variety of procedures including local anesthesia, wound debridement and suturing, splinting, conscious sedation, incision and drainage of abscesses, and slit-lamp evaluation of the eye. Students in the Minor Care area are supervised one-on-one with a faculty member.

Students are further exposed to principles of emergency medicine through daily teaching rounds, weekly grand rounds, and a series of readings covering the topics of acute asthma
management, evaluation of chest pain, care of the poisoned patient, assessment of altered mental status, and wound care. Textual materials are provided to each student. There is a potential opportunity to experience the air medical environment through a ride-along flight for refueling on Air Care.

Report 1st day to 6109 MSB 9:00 a.m.
Room/Bldg. Time

**NEUROLOGY CLERKSHIP**

Clerkship Director: John Quinlan, M.D.

Maximum enrollment per 2 week block: 2

During the Neurology Specialty Clerkship, students will become familiar with the type of work done by neurologists, have an opportunity to see both the most rewarding and difficult aspects of work in this field, and learn how the neurologists work with other disciplines. The principles of outpatient practice for common neurological diseases and how patients are helped by neurologists will be a focus. Students will obtain insight regarding the future of neurology.

Each student is required to attend outpatient clinics (4 half days per week) with different neurologists each having a different type of practice; to read a small basic text in outpatient neurological practice; to pass a written exam; to critically review an article for journal club and; to present two cases per week in problem-based learning sessions.

(Note: The Year III Neurology Specialty Clerkship does not count toward the Year IV Clinical Neuroscience Selective requirement.)

Report 1st day to TBD/Stetson 7:30 a.m.
Room/Bldg Time

**NEUROSURGERY CLERKSHIP**

Clerkship Director: Jeffrey T. Keller, Ph.D.

Maximum enrollment per two week block: 2

During the Neurosurgery Specialty Clerkship, students will become familiar with the activities/responsibilities of a neurosurgeon. The students will be exposed to various neurologic diseases and disorders of the nervous system and neurosurgical subspecialties including cerebrovascular, complex intracranial, spinal, neuro-oncology, neurotrauma, pediatric and functional neurosurgery.

Each student will spend time with members of the neurosurgery team carrying out day-to-day activities on the wards and in the ambulatory care clinics; a grade (50%) will be assigned for the student’s performance on the clinical service. Students will be required to attend the Chairman’s
Clinic (Fri. 9-1) and the Vice-Chairman’s Clinic (Thurs. 1-5) the second week. The students will also attend the Residents Clinic each Wednesday (1-5). In addition, the students should observe (as available) operative procedures in each of the subspecialty areas of neurosurgery identified above. The student will be required to perform a neurological examination (clinical skills exam) on a patient; the student will receive a grade (25%) for his/her performance. Finally, each student will present a 10 minute discussion on a preassigned topic/journal articles to members of the faculty and resident team at the end of the second week. Again the student will receive a grade (25%) for this activity.

(Note: The Year III Neurosurgery Specialty Clerkship does not count toward the Year IV Clinical Neuroscience Selective requirement.)

Report 1st day to 4407 MSB 8:30 a.m.
Room/Bldg. Time

OPHTHALMOLOGY CLERKSHIP

Clerkship Director: Kathleen Stern, M.D.

Maximum enrollment per two week block: 2

No enrollment in rotation 1 (July 2-July 13); rotation 2 (July 16-27); rotation 10 (Nov. 5-16) and rotation 21 (April 28-May 9)

Students will be exposed to general and subspecialty ophthalmology at the Cincinnati Eye Institute and at the University, Veterans, and/or Children’s Hospitals. Students will be taught essential ophthalmic examination techniques, participate in patient examinations, and observe ophthalmic surgery. Reading requirements include basic ophthalmology text by the American Academy of Ophthalmology and a current manual on eye examination and diagnosis. Students also are required to view self-instructional ophthalmic images CD. Direct patient responsibility is limited. Written and practical examination will be given at the end of the session.

Report 1st day to Refer to orientation packet and memo, mailed two weeks before the rotation begins, to find out where to report the 1st day of the rotation. In general, this will be with Dr. Stern in the Medical Arts Building, on the first Monday of the rotation at 7:30 a.m.

ORTHOPAEDIC SURGERY CLERKSHIP

Clerkship Director: Keith Kenter, M.D.

Maximum enrollment per two week block: 4

Students will be exposed to orthopaedic surgery in the ambulatory, in-patient, and operating room settings. They will have the opportunity to work with adult patients, some of whom have
experienced trauma, and others who are hospitalized for reconstructive surgery. Training in hand surgery, spine, sports medicine and reconstructive surgery are also available.

Pre-requisition: Must have completed a general surgery clerkship prior to doing an Orthopaedic clerkship.

Report 1st day: Once you have signed up for your Orthopaedic clerkship and it has been approved, the Residency Coordinator will email information regarding the clerkship, on-call schedule, and where to report on the first day. If questions or problems, call Ms. Kim Weingartner, 558-4592, Rm. 5500 MSB.

OTOLARYNGOLOGY CLERKSHIP

Clerkship Director: Robert W. Keith, Ph.D.

Maximum enrollment per two week block: 2
Minimum enrollment per two week block: 1

No enrollment in rotation 1 (July 2-13); rotation 2 (July 16-27); and rotation 11 (November 19-30)

During the Otolaryngology Specialty Clerkship students will gain exposure to the wide range of ear, nose and throat diseases treated by the otolaryngologist. Each student will learn the appropriate history and examination techniques for head and neck diseases. Students will learn the diagnosis and management of a variety of common otolaryngologic disorders, including otitis media, hearing loss, rhinitis, sinusitis, and cancer of the head and neck. In addition, specific otolaryngologic emergencies such as airway obstruction, epistaxis and facial trauma will be covered.

Students will participate in the day-to-day activities of the otolaryngologic team including inpatient and outpatient care and observe surgery. The experience will be divided between the University Hospital and Children’s Hospital Medical Center. Recommended readings, patient vignettes, and other materials posted on Blackboard will provide didactic information on basic knowledge of otolaryngologic diseases and care and provides students opportunities for discussion. Students will also participate in grand rounds and resident lectures. The clerkship grade is based on a participation in clinical and academic activities.

Textbook: *Essentials of Otolaryngology, 4th Edition*, by Lucente and Har-El. is available from the Otolaryngology Education Office, Room 6408 MSB. A return deposit will be required.

Report 1st day to 6404 MSB 8:30 a.m.
Otolaryngology Conf. Rm. Time

Students who can contact Dr. Keith in advance of the first day can receive their orientation and begin clinical activities immediately.
The clerkship syllabus and schedules will be distributed to students via email the week prior to the rotation. If there are questions call Kathy Deters at 558-4863, or email Dr. Keith at Robert.Keith@uc.edu.

**PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP**

Clerkship Director: Mary McMahon, M.D.

Maximum enrollment per two week block: 2

The Physical Medicine and Rehabilitation Specialty Clerkship will introduce the student to the field of Physical Medicine and Rehabilitation. The student will work as a member of a large multidisciplinary team to develop a comprehensive and integrated rehabilitation program to help patients reach their fullest physical, psychological, social and vocational/educational potential. Students will also have the opportunity to enhance their neurologic and musculoskeletal examination skills by examining patients with a wide variety of impairments caused by stroke, brain injury, spinal cord injury, neuromuscular disorder and/or musculoskeletal injury. The majority of the clerkship will take place in the inpatient setting but the students will attend a number of outpatient clinics where they can learn about the long-term impact of these conditions. Additional topics that the students will be exposed to include: electromyography, spasticity management, neurogenic bladder, orthotics, common pieces of adaptive equipment and community resources that may be beneficial to a person with a disability. A multiple choice examination is administered at the end of the clerkship based on assigned didactic readings.

Report 1st day to 5054 MSB 8:30 a.m.
Room/Bldg. Time

**RADIOLOGY CLERKSHIP** *(Required of all students)*

Clerkship Director: Jonathan S. Moulton, M.D.

Maximum enrollment per two week block: 8

Students will receive an introduction to diagnostic imaging and image-guided intervention that includes exposure to multiple radiology sub-specialties. There are three major goals of the clerkship:

1. Overview of radiology-students will be exposed to the spectrum of diagnostic imaging procedures as well as diagnostic and therapeutic image guided interventional procedures that are available through the department of radiology. The role of radiology in facilitating patient care will be emphasized.

2. Radiology utilizations. The students will be provided with general education regarding indications and appropriateness of imaging studies for common clinical problems, and understanding of the appropriate sequencing of exams, the role of clinical information, and the limitations of diagnostic imaging tests.
3. Image interpretation. Students will be given basic instruction in image interpretation including identification of normal anatomy on multiple different imaging modalities as well as the appearance of common pathologic conditions.

Student education will be proved through clinical experience, didactic lectures, and self-study. Students will rotate through many of the subspecialty areas within the department, as well as at Children’s Hospital Medical Center. Daily didactic lectures will be provided to the students, and they will also participate in didactic sessions provided for the radiology residents. Self-study tools available for student use include the Radiology Library, multiple teaching files (both film and digital based), and other computer based learning tools available in the Aaron Weinstein Medical Student Education Center.

While rotating in the various radiology subspecialties, the students will be integrated into the daily practice of radiology as much as possible. Opportunities to gain experience in certain interventional procedures, such as thoracentesis and paracentesis are available, as well as the opportunity to participate in certain interventional radiologic procedures.

At the conclusion of the clerkship, there will be a written exam and a film interpretation exam. Exam material is based on information presented through reading assignments, didactic lectures, and the medical student teaching file. A subjective evaluation of attendance and participation will be provided by the residents and faculty with whom the student worked.

Report 1st day to G091A Aaron Weinstein Medical Education Center 8:00 a.m.
(Ground Floor/University Hospital) Time

UROLOGY CLERKSHIP

Clerkship Director: Thomas Bell, M.D.

Maximum enrollment per two week block: 2

No enrollment in rotations 1 (July 2-13) and 22 (May 12-23)

In the Urology Specialty Clerkship, students will be actively involved in the evaluation and care of urologic patients. Emphasis will be placed on eliciting an appropriate history and establishing the pertinent aspects of the physical examination. Students will also be exposed to and may participate in urologic surgery, both in the operating room and in the Cystoscopy Suite. Students will also be afforded the opportunity to observe urologic practice in the outpatient setting. Didactic sessions will complement assigned reading, thereby allowing the student to acquire a basic knowledge of urinary tract infection, stone disease, urologic oncology, and impotence/infertility. Each student will prepare one case presentation during his/her tenure on the service. Students therefore have the opportunity to explore particular topics in Urology that interest them. The clerkship grade is based on a final exam (1/3), one case presentation (1/3), and clinical activity (1/3).

Text picked up at initial meeting.

Report 1st day to VAMC A-350 8:00 a.m. or to Chief Resident if specified Room/Bldg. Time
**Note:** Students will not be permitted to start until they complete specific prerequisites (finger-printing, etc.) for the VAMC **prior** to Orientation. Call Jim Stokes, VAMC Student Coordinator at 475-6553 for directions before going to VAMC A-350.

Any questions – students should contact Ms. Perri Wright at perri.wright@uc.edu or Jim Stokes at 475-6553.