NOTE:

Information contained herein is for informational purposes only and is subject to change without notice. Individual departments and units should be contacted for further information. Courses, faculty assignment, prerequisites, graduation or completion requirements, standards, tuition and fees, and programs may be changed from time to time. The University retains the exclusive right to judge academic proficiency and may decline to award any degree, certificate or other evidence of successful completion of a program, curriculum, or course of instruction based thereupon.

While some academic programs described herein are designed for the purpose of qualifying students for registration, certification, or licensure in a profession, successful completion of any such program in no way assures registration, certification or licensure by an agency not the University of Illinois.
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INTRODUCTION
Clerkships

The third-year clerkship rotations take place primarily at OSF St. Francis Medical Center. Psychiatry and Family Medicine are housed at Unity Point Health – Methodist. Various other locations also serve as clinical sites. The curriculum requirement for the third year is that students satisfactorily complete 48 weeks of M-3 courses including:

- Internal Medicine – 8 weeks
- General Surgery – 8 weeks
- Pediatrics – 6 weeks
- Obstetrics-Gynecology – 6 weeks
- Psychiatry – 6 weeks
- Family Medicine – 6 weeks
- Elective – 8 weeks

Most clerkships are similar in structure. Students will be assigned patients to examine and to present to the faculty and attending physicians. Students work closely with residents and attendings in day-to-day patient management. Lectures and conferences occur in each clerkship. Night call will vary among disciplines. In some clerkships outpatient experiences will be a sizable component of the program; in others, inpatient experiences will predominate.
### University of Illinois College of Medicine Peoria

**M3 Clerkship/Elective Calendar**  
Class of 2021 (AY 2019-2020)

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M3 & M4 Department Coordinators

The following departments have designated the personnel indicated to authorize schedule change requests for their area:

**Advanced Anatomy**
Tammy Livingston – Academic Affairs – 671-8412 – tliving@uic.edu

**Health Sciences Education and Pathology**
Jennifer Zapf – Rm B232– 671-8482 – jkzapf@uic.edu

**Emergency Medicine**
Christie Perry – SFNB Rm 2620 – 655-6998 – cperry09@uic.edu

**Clinical Simulation**
Annie Wheatley – 308-9527 - Ann.M.Wheatley@jumpsimulation.org

**Family & Community Medicine**
Jodi Frasure – DFCM Suite B – 672-4593 – jfrasure@uic.edu

**Internal Medicine**
Toni Johnson –SFNB 5683 - 624-5006 - tonisj@uic.edu (M4)
Jenny Doerr – SFNB Rm 5683 – 655-7733 – jdoerr@uic.edu (M3)

**Medicine/Pediatrics**
Lyn Apa Roth – SFNB Rm 5607 – 655-3863 – lynapa@uic.edu
Jo Street-Blume – SFNB Rm 5607 – 655-4940 – streetb1@uic.edu

**Neurology**
Laurie Lamb – SFNB 4645 - 655-7744 – lauriel@uic.edu

**Neurosurgery**
Laurie Lamb – SFNB 4645 - 655-7744 – lauriel@uic.edu

**Obstetrics/Gynecology**
Raney Pierce – SFNB 2644 - 624-5592 – rpierce5@uic.edu

**Pediatrics**
April Day – SFNB Rm 5651 – 655-7999 – aaday1@uic.edu (M4)
Brandon Beekman – G16, Allied Bldg. - 655-2587 – bbeekman@uic.edu (M3)

**Psychiatry**
Maureen Wolfe – UPH/Methodist – Rm W716 – 671-8395 – maureenw@uic.edu

**Radiology**
Deanna Silotto – SFNB Rm 4695 – 655-3230 – dsilotto@uic.edu

**Rehab Medicine**
Tammy Livingston – Academic Affairs – 671-8412 – tliving@uic.edu

**Surgery**
Kathy Slater – SFNB Rm 2675 – 655-2383 – kislater@uic.edu (M4)
Lorraine Deluhery – SFNB Rm 2686 – 655-6940 – lorraine@uic.edu (M3)
Department of Emergency Medicine

Chair: Timothy Schaefer, M.D.

Schedule Change Authorizations:
Advanced Emergency Medicine
Christie Perry (cperry09@uic.edu)

Clinical Simulation Elective
Annie Wheatley (Ann.M.Wheatley@jumpsimulation.org)
This is a non-clinical elective in clinical simulation. The Jump Trading Simulation and Education Center provides an outstanding opportunity for students interested in academic careers to participate in the use of simulation technology to improve patient safety, quality, and to reduce healthcare costs.

The use of simulation technology is steadily progressing within the medical school curriculum and is globally recognized as a major advance in medical education. Simulation has proven to be a valuable and well-accepted tool for improving patient outcomes through intensive training. Jump uses the full spectrum of simulation technologies, from computer simulations and task trainers to complex high-fidelity, whole body simulators.

Simulation provides a forum for the establishment of a high performance standard in technical and professional skills. It permits optimization of teaching and learning by matching learning environments to learner needs and it ensures a uniform learning experience that is not dependent on the serendipity of “good cases.”

10-15 hours will be spent in direct contact with simulation, obtaining mastery of key skills useful in the internship year. Students will engage in task training, standardized patient, and high fidelity simulation in the following topic areas; Emergency vascular access, Basic and Advanced Airway techniques, Informed consent, Resuscitation, and Trauma care.

There are three "Tracks" offered which the student must declare before beginning the rotation, and 10-15 hours will be spent in one of the following pursuits:

1. **Educational Track:** The student will participate in the use of simulation in the pursuit of learning objectives. There are three domains of educational practice, cognitive, psychomotor, and affective. Jump will often combine procedural skills with communication and team skills during its training sessions to access those three domains for the learner. Students in this track will create a simulation scenario (a two page description with learning objectives and measures) which address two of the three domains, targeting medical students as potential learners.

2. **Research Track:** The student will participate in an ongoing quality assurance program designed to evaluate the efficacy of a simulation-based intervention. Jump maintains a portfolio of ongoing quality assurance programs, all of which are tied to key quality and safety goals within the clinical space. Students in this track will produce a two page write up of their findings.

3. **Innovation Track:** The student will participate in the creation of synthetic tissue analogs for a diagnostic or procedural training device. Jump is continuously producing prototypes for training devices using 3-D printing and CAD modeling techniques. Jump maintains a staff with several Bio-Medical Engineers who will facilitate this work. Students in this track will produce or refine a prototype training device.

**OBJECTIVES** Upon completion of this elective, the student will be able to:

1. Describe the process of mastery training for procedural competency.
2. Demonstrate the ability to integrate quality and safety goals into clinical education.
3. Demonstrate competency in the listed procedural and clinical skills.
4. Contribute meaningfully to education, research, or innovation in clinical simulation.
METHOD OF EVALUATION  The faculty will base their evaluation on:

1. Students will be given daily feedback by the course director based upon the performance of the above tasks.
2. Completion of Student Project consistent with track selection.

REQUIRED READING/ASSIGNMENTS:

Articles selected from the files of the course director and Internet resources. A selection of relevant journal articles is available in the office. The reading assigned is project based or based on agreed upon personal goals of the student.
INTRODUCTION TO EMERGENCY MEDICINE  
(ELEC 352)  

COURSE DIRECTOR  
Victor Chan, D.O.

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<td>SFMC</td>
<td>(309) 655-6998</td>
<td>Completion of M2 Year</td>
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NARRATIVE DESCRIPTION

The main goal of this course is to develop the skills of the M3 student in the diagnosis and management of an undifferentiated patient in an emergency department setting. This course will allow the student to experience and appreciate the unique environment of the ED in the context of providing care, disposition of patients, and the multiple challenges that face patients trying to access care. Students will staff directly with senior emergency medicine residents to help sharpen their history and physical exam skills as well as develop assessment and plan for workup of various patients.

OBJECTIVES  Upon completion of this elective, the student will be able to:

1. Formulate a differential diagnosis for various complaints from emergency department patients.
2. Discuss the approach and management of common medical emergencies.
3. Improve skills at performing various procedures including: IV insertion, EKG, foley insertion, NG/OG insertion, splinting, wound evaluation and preparation.
4. Demonstrate effective communication skills with patients, their families, and ED physicians and nurses.
5. Demonstrate a fund of knowledge level commensurate with M3 level.

METHOD OF EVALUATION  The faculty will base their evaluation on:

1. Final exam (approximately 30% of grade).
2. Direct observation of clinical skills by faculty and senior residents (approximately 70% of grade).
3. Participation in weekly conference is mandatory.
4. Procedure log demonstrating procedures observed and performed by student.
5. Conduct and briefly summarize 3 patient follow-ups.
6. Students will be given feedback and evaluation at end of each clinical shift.

REQUIRED READING

Reading assigned during elective

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

UICOMP, Department of Emergency Medicine: Jan Fiscus and Christie Perry: (309) 655-6998
Department of Health Sciences Education and Pathology

Chair: Meenakshy Aiyer, M.D.

Schedule Change Authorizations:

Jennifer Zapf (jkapf@uic.edu) – Pathology
The student will participate in the daily work of surgical pathology and cytopathology in the laboratory in a pathologist assistant-preceptor role. This course will also give the student an introduction to Clinical Pathology and will cover areas of the clinical laboratory including hematology, blood bank, microbiology and chemistry.

**OBJECTIVES** Upon completion of this elective, the student will be able to:

1. Describe the pathologist's role in the clinical laboratory.
2. Describe the basic methodology of the most commonly performed laboratory tests.
3. Explain the work flow in the clinical laboratory.
4. Order appropriate laboratory tests or blood components in a given clinical situation.
5. Describe the process by which a pathologist approaches the problem of tissue and cytologic diagnosis.
6. Identify the salient features of gross pathology as the surgical pathologist sees them.
7. Observe and describe the technical processing of tissues and cytologic samples.
8. Describe some of the common pathologic specimens seen in surgical pathology.
9. Differentiate between benign and malignant tissues and cells by listing identified criteria.
10. Recognize the indications for and uses of frozen sections in surgical pathology.
11. Research a pathology topic and make a presentation.

**METHOD OF EVALUATION** The faculty will base their evaluation on:

1. Individual discussions with the student.
2. Observation and daily contact with the student.
3. Presentation at the conclusion of the elective.

**REQUIRED READING**

None at this time.
NARRATIVE DESCRIPTION
Students will follow Board certified Forensic Pathologists through a very busy consultant private practice serving Illinois Coroners in central Illinois in Bloomington and Peoria autopsy facilities. The student will review the investigation circumstances of the death; participate in pre-autopsy interactions with police, coroner, deputy coroners, and assist in performing the autopsies in individuals who suffer sudden unexpected death, most commonly of traumatic nature, involving natural, accidental, and suicidal means. The student will view but not assist in homicidal autopsies. The student will choose one of their autopsies to prepare a final report discussing the forensic aspects of the investigation, autopsy, ancillary studies, and determining the cause and manner of death. The paper may be submitted as a case report to a forensic pathology or sciences journal and will be appropriately referenced and researched.

OBJECTIVES
Upon completion of this elective, the student will be able to:
1. Understand how Cause and manner of Death is determined medically and be able to perform this task after completion of the rotation on their own patients who die naturally.
2. Understand the pathophysiology of the death of the individual under investigation and postmortem examination.
3. Understand the morbid anatomy of the deceased and the pathologic alterations seen at autopsy and learn to apply those principals of anatomy to their own future patients.
4. Understand the basic injuries seen in motor vehicle incidents, suicide, drug intoxication, gunshot wounds, medical mishaps, and asphyxia deaths.
5. Appropriately, verbally communicate their understanding of the anatomic and pathologic features seen on and within the deceased utilizing the terms of pathology and clinical medicine previously learned.
6. Interact in a professional manner with other physicians, coroners, deputy coroners, police, autopsy assistants, and office support staff within the coroner offices.
7. Understand that the physician, even in primary care, must learn to interact with the coroner and forensic pathologist when a death occurs, whether they are the attending physician or the deceased or not.

METHOD OF EVALUATION
The faculty will base their evaluation on:
1. The student will continually be evaluated by the forensic pathologists so that they meet the above objectives.
2. The student will prepare a case report from the first two weeks of their rotation and the case report will be suitable for publication, as described above. Successful completion and credit for the rotation depends on completion of the written report.
3. The standard medical school clinical evaluation form will be completed by the course director.

REQUIRED READING:
Selected Topics as assigned related to the relevant daily casework from MedScape Forensic Pathology Section at https://emedicine.medscape.com/pathology#foresnsic
NARRATIVE DESCRIPTION
The student will be given an opportunity to actively participate in the practice of both general anatomic and clinical pathology in a community setting along with general nuclear medicine. Intra-departmental rotations will include surgical pathology (i.e., microscopic slide sign-out sessions), clinical chemistry, blood bank, and microbiology. The student will have the opportunity to observe certain procedures as they are scheduled (e.g., bone marrow biopsies, fine needle aspirations of superficial organs). Time will be allocated for the student to observe injection protocols and imaging techniques for radioisotopes in the nuclear medicine department. Dedicated didactic instruction with a pathologist will take place at least 3-5 times per week to discuss basic concepts of pathology and nuclear medicine, and to review brief reading assignments as part of a structured reading program for the medical students. Room and board will be provided at no cost by the hospital for the entire rotation.

OBJECTIVES:
Upon completion of this elective, the student will be able to:
- Describe the instrumentation and radionuclides used in contemporary nuclear medicine, including gamma ray producing and positron emitting isotopes.
- Describe the process for preparing and interpreting surgical pathology specimens, from specimen acquisition to final signout.
- Participate in the liaison role of the pathologist in assisting the clinician in interpreting laboratory data.
- Practice the skills of microtome and cryostat operation, and microscopic slide preparation.
- Review interesting clinical problems in the different areas of the laboratory as they occur, and be prepared to explain them.
- Describe the role of radioiodine in the treatment of thyroid disease.
- Read short assignments in pertinent textbooks for discussion the next day with pathology staff.
- Assess the role of pathologist/nuclear medicine physician in rural community health care.
- Participate in the gross examination of surgical pathology specimens, as well as the performance and interpretation of aspiration cytology and bone marrow exams.

METHOD OF EVALUATION
The faculty will base their evaluation on:
- Conference between student and Program Director to establish goals.
- Written report of progress submitted to the Pathology Coordinator by Program Director and by student at the end of the clerkship (Standard Clinical Evaluation Form).
- Conference between student and Program Director at the end of the program to determine success in attaining established goals and potential improvements.

REQUIRED READING
A basic syllabus of short reading assignments for the various sections of the lab will be provided. The textbooks for these reading assignments will be available throughout the rotation.
Department of Internal Medicine

Interim Department Chair: Teresa Lynch, M.D.

Schedule Change Authorizations:
Jenny Doerr (jjdoerr@uic.edu)
NARRATIVE DESCRIPTION

The student will spend two weeks with an assigned attending and/or fellow. Dr Mungee is the coordinator of this course. This subspecialty elective is inpatient based. The students will assist the preceptors in the evaluation of the cardiology consults in the hospital, and participate on the cardiology teaching service. The students will assist in performing a physical exam and formulate a treatment plan based on the patient’s history, physical, and psychosocial issues. The students will be able to identify the indications for cardiac catheterizations, stress testing, and echocardiograms in the evaluation of cardiac diseases and have an opportunity to observe cardiac catheterizations, stress testing, and echocardiograms with their preceptors.

OBJECTIVES  Upon completion of this elective, the student will be able to:

1. Perform an appropriate history and physical exam in a patient presenting with chest pain, shortness of breath and to establish a differential diagnosis and severity with a specific emphasis on the cardiac exam
2. Define indications for and interpret the significance of the results of diagnostic tests such as electrocardiogram, echocardiogram, and stress testing.
3. Describe the signs, symptoms, causes and management of congestive heart failure
4. Describe and define signs and symptoms associated with ischemic cardiac pain, generate a differential diagnosis recognizing specific history and physical exam findings that suggest ischemic chest pain from non-ischemic chest pain.
5. Communicate the diagnosis, treatment plan, and prognosis of the disease to patients and their families, and when appropriate, identify and educate patients about cardiovascular risk factors for disease relative to their age and gender.
6. Students should see patients (as assigned by the preceptor) and present them in an organized format to the preceptor
7. Students should formulate an assessment and plan for the patients they see
8. Students will attend cardiology teaching conferences at St. Francis Medical Center
9. Students will conduct themselves in a professional manner and maintain good working relationships with patients, families, team members and health care professionals

METHOD OF EVALUATION  The faculty will base their evaluation on:

1. Daily rounds and student presentations.
2. Standard Clinical Evaluation Form
# M3 CRITICAL CARE (ELEC 354TBD)

**Course Director**
Deepak Taneja, M.D.

<table>
<thead>
<tr>
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<th><strong>Prerequisites</strong></th>
<th><strong>Location</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>530 NE Glen Oak Peoria, IL 61603</td>
<td>309-672-5682</td>
<td>IM Clerkship</td>
<td>MICU 4th Floor, Gerlach SFMC</td>
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<tr>
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<th><strong>Weekends</strong></th>
<th><strong>No. of Students</strong></th>
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<td>Yes</td>
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<td>1 M3</td>
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## NARRATIVE DESCRIPTION

This rotation, based in the Medical Intensive Care Unit, is designed to provide students with experience with a critically ill population. As a member of the critical care team, the student will participate in the formulation of comprehensive management plans based on an organ system approach. Collaborative practice is emphasized with frequent input from nursing, respiratory therapy and nutritional support services. Teaching will be coordinated through faculty intensivists and pulmonologists and include unit rounds, small group lectures and "hands on" sessions involving new technologies.

## OBJECTIVES

Upon completion of this elective, the student will be able to:

1. Utilize the organ system approach with the critically ill patient.
2. Demonstrate understanding of proper utilization of intravascular devices
3. Display understanding of methods and importance of hemodynamic monitoring
4. Begin to understand the principles and methods of mechanical ventilation
5. Recognize varied techniques for nutritional support
6. Display an understanding of initial evaluation and ongoing care of common IM critical illnesses (e.g. septic, distributive, hypovolemic, cardiogenic shock; encephalopathy; Acute Kidney Injury and Failure; Acute Liver Failure)

## METHOD OF EVALUATION

The faculty will base their evaluation on:

1. Interactive rounds with assigned residents and attending staff.
2. Standard Clinical Evaluation Form
M3 GASTROENTEROLOGY  
(ELEC 355)

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<th>Address</th>
<th>Phone</th>
<th>Prerequisites</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>5105 N Glen Park Place</td>
<td>309-308-5900</td>
<td>IM clerkship or Surgery clerkship</td>
<td>OSF Medical Group Gastroenterology/SFMC</td>
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NARRATIVE DESCRIPTION

The student will spend two weeks with the assigned preceptor. Dr Balouch is the coordinator of this course. This subspecialty elective is both inpatient and outpatient based. The students will assist the preceptors in evaluation of the gastroenterology patient consults in the hospital, and may also spend time in the outpatient office seeing patients and learning about the management and diagnosis of common outpatient GI problems. The students will assist in performing a physical exam and formulate a treatment plan based on the patient's history, physical, and psychosocial issues. In addition, the students will also observe and assist their preceptors in the performance of common GI procedures such as colonoscopy, sigmoidoscopy, and EGD. During the course of the rotation, the students are expected to identify the common indications and contraindications to these commonly performed procedures.

OBJECTIVES  Upon completion of this elective, the student will be able to:

1. Obtain, document and present an appropriate medical history that differentiates among the various causes of gastrointestinal bleeding including gastritis, varices, colon cancer and diverticulosis etc.
2. Perform an appropriate physical exam to establish the diagnosis and severity of a patient presenting with abdominal pain.
3. Define and describe the indications for sigmoidoscopy, barium enema, and colonoscopy, including the identification of individuals at risk for colon cancer.
4. Describe key illness present in the outpatient GI clinic such as irritable bowel syndrome, inflammatory bowel disease, and peptic ulcer disease.
5. Identify patients at high risk of developing hepatitis infection and determine when to initiate medical therapy for patients with chronic hepatitis.

METHOD OF EVALUATION  The faculty will base their evaluation on:

1. Students will be given feedback by the inpatient attending based upon the performance of the above tasks.
2. A composite evaluation of the faculty will be prepared by the course director and using the Standard Clinical Evaluation Form.
NARRATIVE DESCRIPTION

The student will spend two weeks with Dr Lindahl. The student will make inpatient rounds with the geriatrics team Monday through Friday and attend team based learning sessions with the house staff and other learners (e.g. – APN students). One half day session may be available for nursing home rounds. One half day each week will be in attendance at an outpatient geriatric consult clinic to include family discussions and interdisciplinary approach to management of the geriatric patient. The student will be expected to attend M3 lectures and Department of Medicine conferences (e.g. – morning report and noon conference).

OBJECTIVES  Upon completion of this elective, the student will be able to:

1. Take a history from a geriatric patient with special emphasis on physical and mental functioning
2. Perform a mental status exam to evaluate confusion and/or memory loss in an elderly patient
3. Identify patients at high risk for falling
4. Discuss the appropriate evaluation for persons presenting with a suspected dementia
5. Describe key illnesses in the elderly like incontinence, osteoporosis, falls, polypharmacy, delirium, and thyroid disease, focusing on their often atypical presentation
6. Demonstrate respect to the older patients and make efforts to preserve their dignity
7. Discuss roles of multidisciplinary team members in the care of older patients
8. Demonstrate self-awareness of personal attitudes toward aging and death
9. Demonstrate knowledge of psychosocial issues facing older patients (elder abuse and neglect, home safety, community resources, alternative living situations).

METHOD OF EVALUATION  The faculty will base their evaluation on:

1. The student skills will be assessed primarily by the attending physician based on the performance of the above tasks.
M3 HEMATOLOGY AND ONCOLOGY
(ELEC 357)

<table>
<thead>
<tr>
<th>Course Director</th>
<th>Michael H. Veeder, M.D.</th>
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<tr>
<td>Address</td>
<td>8940 N Wood Sage</td>
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<tr>
<td></td>
<td>Peoria, IL 61615</td>
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<tr>
<td>Phone</td>
<td>309-243-3000</td>
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<tr>
<td>Prerequisites</td>
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<tr>
<td>Location</td>
<td>SFMC and Illinois Cancer Care</td>
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<td>Duration in Weeks</td>
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<td>Hours/Week</td>
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<td>Lectures/Seminars</td>
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<td>Lab</td>
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<td>Outpatient</td>
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<td>No. of Students</td>
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NARRATIVE DESCRIPTION

The student will evaluate and assist in the management and treatment of patients with hematologic or oncologic diseases. The student will spend time both in the office setting and in the hospital so as to achieve a balanced view of the care of the oncology patient, likely 1 week in each location. Exposure will be provided in the interpretation of bone marrow aspirations and biopsies. Approaches to the care of the terminally ill patient and the chronically ill patient in pain will also be stressed.

OBJECTIVES

Upon completion of this elective, the student will be able to:

1. Identify the approach to the diagnosis and treatment of hematologic and oncologic diseases.
2. Recognize the concepts of correct approaches to the care of the terminally and chronically ill patient.

METHOD OF EVALUATION

The faculty will base their evaluation on:

1. Student’s level of competence will be ascertained by daily contact with the attending physician and during ward rounds, lectures, and conferences.
| M3 INFECTIOUS DISEASES  
  (ELEC 358) | Course Director  
  Rone Lin, M.D. |
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<td><strong>Address</strong></td>
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<tr>
<td><strong>Phone</strong></td>
<td>309-655-7483</td>
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<tr>
<td><strong>Location</strong></td>
<td>530 N.E. Glen Oak</td>
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<td><strong>Dates Available</strong></td>
<td>All</td>
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<td>4/22/19-6/21/19</td>
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<tr>
<td><strong>Duration in Weeks</strong></td>
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<td><strong>Hours/Week</strong></td>
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<td><strong>Lab</strong></td>
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**NARRATIVE DESCRIPTION**

The student will spend two weeks with an assigned preceptor. The students will assist the preceptors in evaluation of the Infectious Disease consults in the hospital. The students will assist in performing a physical exam and formulating a treatment plan based on the patient’s history, physical, and psychosocial issues. This subspecialty elective is largely inpatient based, but could also have an outpatient component upon individual request.

**LEARNING GOALS and OBJECTIVES** Upon completion of this elective, the student will be able to:

- Learn to evaluate patients presenting with a wide range of infectious problems. They will take a comprehensive history with emphasis on clinical presentation, epidemiologic risk factors for infectious diseases, and predisposing medical conditions.
- Observe and perform physical examinations with particular attention paid to common physical findings associated with important infectious problems.
- Generate a differential diagnosis with particular attention paid to the most probable and the most serious causes of a patient’s complaints.
- Learn appropriate empiric antimicrobial regimens for a wide range of clinical situations, followed by selection of targeted therapy for de-escalation based on microbiology/culture data.
- Understand the particular indications and complications of a wide range of antimicrobials.
- During rotation, students will participate in up-to-date review of Journal/Articles on a particular ID case they see to understand role of research in clinical decision making.
- Use the medical literature to inform their diagnostic and therapeutic recommendations, including application of Basic Science content and Evidence Based Medicine to clinical practice of Infectious Disease.

**METHOD OF EVALUATION** The faculty will base their evaluation on:

1. Daily contact with the infectious disease attending physician during rounds, lectures, and conferences.
3. Presentation of review/journal article of their interest.
| **M3 NEPHROLOGY**  
| (ELEC 359) | **Course Director**  
| | Anthony Horinek, M.D. |

| **Address** | **Phone** | **Prerequisites** | **Location** |
| 420 NE Glen Oak Ave Peoria, IL | 309-624-8314 | IM or Pediatric Clerkship | SFMC |

| **Dates Available** | **Dates Not Available** | **Duration in Weeks** | **Hours/Week** |
| All | 4/22/19-6/21/19 | 2 | 40 |

| **Lectures/Seminars** | **Lab** | **Outpatient** | **Inpatient** |
| Yes | No | Potential | Yes |

| **House Staff** | **Night Call** | **Weekends** | **No. of Students** |
| Yes | No | No | 1 M3 |

**NARRATIVE DESCRIPTION**

The student will spend two weeks with an assigned preceptor. Dr Horinek is the coordinator of this course. The student will round with the nephrologist on the consult service at SFMC. This subspecialty elective is inpatient based, with potential for outpatient upon discussion with the preceptor. The students will assist the preceptors in rounding on established nephrology patients, as well as assisting in the evaluation of the nephrology consults in the hospital. The students will also participate in dialysis rounds and nephrology didactics as they are offered.

**OBJECTIVES** Upon completion of this elective, the student will be able to:

1. Obtain, document and present an appropriate history and physical examination that differentiates the etiology in a patient presenting with acute renal failure.
2. Describe and discuss the clinical approach to the diagnosis and management of acute kidney injury, chronic kidney disease, and chronic renal disease.
3. Identify the common clinical manifestations of uremia
4. Identify and describe the appropriate medical management of patients with ESRD on dialysis
5. Develop a diagnostic approach and treatment plan for patients with proteinuria
6. Develop a diagnostic approach and treatment plan for patients with hematuria

**METHOD OF EVALUATION** The faculty will base their evaluation on:

1. Qualitative evaluation by the attending nephrologist during and after the rotation.
M3 PULMONARY CONSULT SERVICE – SAINT FRANCIS MEDICAL CENTER
(ELEC 360)

<table>
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<th>Deepak Taneja, M.D.</th>
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<td></td>
<td>Peoria, IL 61603</td>
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<tr>
<td>Phone</td>
<td>309-655-7257</td>
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<td>Hours/Week</td>
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<td>No. of Students</td>
<td>1 M3</td>
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NARRATIVE DESCRIPTION

The student will work closely with the pulmonary medicine attending and, when available, the resident on the pulmonary service. The student will take an active role in the consultation, evaluation and management of inpatients with a wide variety of pulmonary diseases. The student will obtain proficiency in a pulmonary history and physical examination and be able to formulate a diagnostic and therapeutic plan. Ventilator management and care of intensive care unit patients will be stressed. Basic pulmonary physiology, arterial blood gas analysis, respiratory therapy modalities and pulmonary function testing will be taught.

OBJECTIVES

Upon completion of this elective, the student will be able to:

1. Obtain a pulmonary disease history and perform a pulmonary evaluation.
2. Recognize pulmonary physiology and arterial blood gas analysis.
3. Identify the various modalities of respiratory therapy.

METHOD OF EVALUATION

The faculty will base their evaluation on:

1. Contact with the pulmonary physician, APN and resident on the consult service.
SURVEY OF MEDICAL INFORMATICS
(ELEC 156)

Address
One Illini Drive
Peoria, IL

Phone
309-671-8490

Prerequisites
Passing of Step One exam & completion of one clinical clerkship

Location
UICOM
Peoria, IL

Dates Available
June 2019 to April 2020

Dates Not Available
Blocks V(b)
(11/11-11/22/2019,
Blocks XI, & XII
(4/27-6/05/2020)

Duration in Weeks
2

Duration in Weeks
2

Hours/Week
25-30

Lectures/Seminars
Yes - online

Lab
No

Outpatient
No

Inpatient
No

House Staff
No

Night Call
No

Weekends
No

No. of Students
3 per 2-week session

NARRATIVE DESCRIPTION

Medical informatics is an interdisciplinary field that deals with resources, devices, and formalized methods for optimizing the storage, retrieval, and management of biomedical information. This course surveys information resources and management tools using a variety of instructional methods including online lectures/seminars, readings, and assessments. Assessment mechanisms include quizzes, short essays, hands-on exercises, and reflective writing. Assignments are designed to build informatics skills and for students to reflect and synthesize the impact informatics will have on their future career. This course is an asynchronous online course best suited to self-directed learners. The goal is to prepare the student for success in residency and practice by providing a foundation in medical informatics.

OBJECTIVES
Upon completion of this elective, the student will be able to:

1. Define Medical Informatics and explain its component competencies as they relate to various roles in the practice of medicine, including clinical care, research, and lifelong learning.
2. Retrieve, appraise, and apply medical information for clinical decision-making and patient education using a variety of decision support tools and other information resources.
3. Discuss the impact of the electronic health record, government systems/resources, and “big data” on patient care, biomedical research, and practice management.
4. Define health literacy concepts and utilize them in patient education and communication.
5. Develop a personal information management plan that demonstrates basic knowledge of information technologies, tools, and resources.

METHOD OF EVALUATION
The faculty will base their evaluation on:

1. Class participation.
2. Course quizzes, short essays, hands-on exercises, and reflective writing
3. Timely completion of the elective

REQUIRED READING

Readings are available on the Blackboard course site
Department of Neurology

Chair: Jorge C. Kattah, M.D.

Schedule Change Authorizations:
Laurie Lamb (Lauriel@uic.edu)
The purpose of this clerkship is to afford an opportunity to the student to accept responsibility, under supervision, for the workup and management of neurological patients seen in clinical practice. The clerkship will familiarize you with a spectrum of the most common neurologic abnormalities that you will face in the practice of general medicine. Select lectures are held early in the morning and are designed to help you with the clinical examination. The student will have 2 weeks each in stroke and inpatient neurology rotations.

**OBJECTIVES** Upon completion of this elective, the student will be able to:

1. Demonstrate the ability of history taking and physical examination of patients with common neurological problems and formulate a clinical differential diagnosis.
2. Use the laboratory in an integrated fashion, selectively and with a hypothesis-formulating approach in the further exploration of a given case utilizing the following tests and identifying their indications and contradictions.
   - Non-invasive Neurological Diagnostic Tests
     a. Electroencephalography (EEG)
     b. Computerized tomography (CT Scan)
     c. Magnetic resonance imaging (MRI) and angiography (MRA)
     d. Doppler carotid flow studies.
   - Invasive Neurological Diagnostic Tests
     a. Lumbar puncture for analysis of cerebrospinal fluid
3. Demonstrate the initial workup, investigations, and management of common acute neurological emergencies and stroke, and provide night call coverage of emergency services at OSF Saint Francis Medical Center under supervision.
4. Student in-depth with complete literature review of significant neurological problems encountered and present these in rounds.
5. Perform, under supervision, lumbar puncture for CSF examination, if possible.

**METHOD OF EVALUATION** The faculty will base their evaluation on:

- A shelf test will be given at the end of the rotation. The scope of the test includes the material given in the first- and second-year clinical neuroscience course. It is important to emphasize that the current clerkship conferences are not guided to cover the test questions, but rather to enhance your clinical skills.
- The rotation consists of two main components: a two-week inpatient Neurology teaching rotation and a two-week stroke rotation. The final grade will be determined from the score obtained on the test together with the grades from each rotation. You will be assigned one week night call and one weekend call. Comments from the supervising attending will be used to evaluate performance. Every week the student will submit to the Clerkship Director, Jorge C Kattah, MD, an electronic copy of the best 2 Neurology Teaching Service and Stroke Service work-ups, for a total of 8 write-ups. These can be selected from cases seen during the “on call” assignment. The assessment section of the write-up will be evaluated by the Clerkship Director. The assigned Attending or Neurology resident must read the write-ups and sign each write-up.
- Standard Clinical Evaluation Form.
Department of Obstetrics & Gynecology

Chair: Stephen Thompson, M.D.

Schedule Change Authorizations:
Raney Pierce (r Pierce5@uic.edu)
GYNECOLOGIC ONCOLOGY
(ELEC 638)

Course Director
Rebecca Byler Dann, M.D.

<table>
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<th>Address</th>
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<th>Prerequisites</th>
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<tr>
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<td>309-624-5592</td>
<td>Completion of M3 OB/Gyn Clerkship</td>
<td>SFMC</td>
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<td>Occasionally MMCI</td>
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<th>Night Call</th>
<th>Weekends</th>
<th>No. of Students</th>
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<tr>
<td>Ob/Gyn</td>
<td>No</td>
<td>Yes</td>
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NARRATIVE DESCRIPTION

The student will be exposed to both the outpatient and inpatient management of the patient with dysplastic and malignant gynecological disorders. The student will work directly with a sub specialist in gynecologic oncology. The medical student will become an integral part of the team performing in a role as a sub-intern.

OBJECTIVES

Upon completion of this elective, the student will be able to:

1. Obtain a comprehensive history and physical from the gynecologic oncology patient.
2. Discuss the differential diagnosis of premalignant and malignant disorders of women.
3. Describe the appropriate use of diagnostic testing in the evaluation of the gynecologic oncology patient.
4. Describe the pre-operative and post-operative management of patients undergoing gynecologic procedures for premalignant and malignant conditions.
5. Discuss the different modalities of therapy available for the treatment of gynecological malignancies including surgery, radiation and/or chemotherapy.
6. Observe surgeries performed by the gynecologic oncology attendings.
7. Attend the outpatient office of gynecologic oncology attendings.

EXPECTATIONS OF THE STUDENT

The student is expected to:

1. Perform all of the assigned duties.
2. Attend Grand Rounds on Thursday mornings.
3. See all of the assigned patients on a daily basis and write comprehensive SOAP notes.
4. Have all pertinent information about the assigned patients readily available.
5. Actively participate in the management of the patient.
6. Perform literature reviews as requested for presentations.
7. Coordinate the total care of the gynecologic oncology patient.

EDUCATIONAL OPPORTUNITIES

1. Morning Report – The residents meet daily from 0645 to 0715 hours. They discuss various topics in obstetrics and gynecology. This conference is required for the medical student.
2. Daily Patient Rounds – The student is required to attend and participate in daily patient rounds. The time of patient rounds is variable. This will be under the direction of the resident.
3. Grand Rounds – The student is required to attend the weekly Grand Rounds. This conference will be held every Thursday (except July and August) at 0800 hours.
4. Resident and Student Lectures – There are opportunities for formal didactics during the rotation.

REQUIRED READING

As assigned by the resident and/or attending physician.

Reference Text: Clinical Gynecologic Oncology, Disaia.
STUDENT EVALUATION

The grade assigned to the student will be a compilation of input from faculty and residents. Direct observation will be required. The components will include:

1. Communication with patients.
2. Sensitivity to the needs of the gynecologic oncology patient.
3. Willingness to ask for help.
4. Motivation and interest in the subspecialty.
5. Ability to obtain an Ob/Gyn history and perform an Ob/Gyn physical examination.
7. Demonstration of knowledge base in gynecology and oncology.
8. Independence in patient management decisions.

A final grade will be issued to the Academic Affairs office on a Standard Clinical Form of the University of Illinois College of Medicine at Peoria.
| **MATERNAL-FETAL MEDICINE**  
<table>
<thead>
<tr>
<th><strong>(ELEC 637)</strong></th>
<th><strong>Course Director</strong></th>
<th>Laura Meints, M.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
<td>530 N.E. Glen Oak</td>
<td><strong>Phone</strong></td>
</tr>
</tbody>
</table>
| **Dates Available** | Selected months  
(subject to prior approval of faculty) | **Dates Not Available** | Block VI(a), VII(b) & VIII(a) | **Duration in Weeks** | 2 | **Hours/Week** | 50 |
| **Lectures/Seminars** | Available | **Lab** | No | **Outpatient** | Yes | **Inpatient** | Yes |
| **House Staff** | Ob/Gyn | **Night Call** | Optional | **Weekends** | If desired | **No. of Students** | 1 |

**NARRATIVE DESCRIPTION**

The student will work directly with obstetric residents and three subspecialists in maternal-fetal medicine on a busy, high-risk obstetric service that includes over 300 maternal transports per year from outlying hospitals, high-risk obstetric clinic, formal teaching sessions two times per week, weekly perinatology conference, daily rounds with one of the faculty and an active fetal ultrasonography service. The student will be responsible for initial work-up, daily patient rounds, and assisting with delivery of pregnant patients with a wide range of medical and obstetrical complications.

**OBJECTIVES** Upon completion of this elective, the student will be able to:

1. Describe obstetric risk factors, medical problems of the high-risk mother and fetus, and appropriate clinical management.
2. Describe appropriate use of the following technologies in the management of the high-risk pregnancy: electronic fetal monitoring, ultrasound, and non-invasive fetal evaluation.

**METHOD OF EVALUATION** The faculty will base their evaluation on:

1. Input from faculty and residents working with student. Written evaluation discussed with student.

**REQUIRED READINGS**

As assigned.
Department of Pediatrics

Chair: Pedro de Alarcón, M.D.

Schedule Change Authorizations:
Brandon Beekman (bbeekman@uic.edu)
Under the supervision of the Pediatric Hematologists/Oncologists, the rotating student will receive an intensive exposure to the principles and practice of clinical hematology and oncology. The students on the outpatient rotation will participate in general Pediatric Hematology and Oncology Clinics, seeing new patients and selected returning patients, and will follow these patients throughout the rotation. Students participating in the outpatient rotation will round with the inpatient pediatric hematology/oncology team and participate in the evaluation and management of inpatients referred for diagnosis and/or treatment of hematologic and oncologic problems. Camp Hope is a one-week elective that gives students the opportunity to participate in physical exams and management of acute illnesses and injuries of patients with chronic diseases in a normal childhood setting. Every student is encouraged, although not required, to find a project to undertake during their rotation with the aim of publishing in a peer reviewed medical journal or making a presentation in a reputed conference.

**OBJECTIVES**

**Patient Care**
The goals of this rotation are to provide the student with skills that enable him/her to:
1. Manage patients with common hematologic and oncologic problems.
2. Identify when subspecialty assistance for these problems is appropriate.
3. Function as a member of the multi-disciplinary team to optimize patient care.
4. Evaluate and support a patient with a malignancy in all phases of their disease.

**Medical Knowledge**
The goals of this rotation are to expose the student to a wide variety of hematologic and oncologic diseases through patient contact, case discussions, lectures, and self-directed study.

**Practice-Based Learning**
The goals of this rotation are to allow the student to
1. Be exposed to a wide variety of hematologic and oncologic diseases through patient contact, case discussions, lectures, and self-directed individual readings.
2. Conduct literature searches and be encouraged to write articles on appropriate patient cases or medical topics.

**Interpersonal and Communication Skills**
The rotating student will be trained in
1. Collaborating with members of the multi-disciplinary team while caring for children with chronic blood disorders or malignant conditions.
2. Guiding primary care physicians through the work-up and management of common hematologic conditions.
3. Consulting with physicians and other health care professionals as needed
4. Maintaining comprehensive, timely and legible records.
Professionalism
Includes:
1. Completion of appointed patient care duties
2. Complete and timely documentation in the medical record
3. Demonstration of compassion and respect for team members, patients and families
4. Respect for patient privacy and autonomy
5. Demonstrating accountability to both patients and team members.
6. Demonstrating sensitivity to diverse cultural backgrounds.

Systems-Based Practice
While providing care for children with hematologic and oncologic disorders, students and residents are expected to:
1. Work effectively inpatient (CHOI) and outpatient (St. Jude Midwest Affiliate Clinic and/or Camp Hope) settings.
2. Coordinate patient care between the two settings by interaction with specialty attending physicians and the inpatient resident team.
3. Advocate for quality patient care
4. Incorporate consideration of cost awareness and risk-benefit analysis while caring for this specialized patient population.
5. Work with the interdisciplinary team to ensure and enhance patient safety.
6. Participate in identifying system errors and developing solutions for these errors.

METHOD OF EVALUATION The faculty will base their evaluation on:
1. Clinical skills.
2. Analysis of clinical data.
4. Interdisciplinary team work and professionalism

REQUIRED READING:
The resident curriculum and several articles and presentations are available on New Innovations.
Students may also be directed to suitable text books and papers to read during their rotation.
PEDIATRIC INTENSIVE CARE UNIT
(ELEC 689)

Course Director
Anil Swayamkapula, M.D.
Mina Hafzalah, M.D.

Address
OSF St. Francis Medical Center
Children’s Hospital of Illinois

Phone
309-624-0716

Prerequisites
Completion of M3 Pediatrics Clerkship
End of M3 year, with at least 2 months of in-patient exposure

Location
Pediatric Intensive Care Unit at CHOI OSF SFMC

Dates Available
All Year

Dates Not Available
n/a

Duration in Weeks
2

Hours/Week
50

Lectures/Seminars
Yes

Lab
No

Outpatient
No

Inpatient
Yes

House Staff
Yes

Night Call
Optional

Weekends
Optional

No. of Students
1*

*One student total, M4, M3, or visiting student.

NARRATIVE DESCRIPTION
This elective provides the M4 with the opportunity to learn to manage critically ill pediatric patients in a supervised environment. The student will be assigned several patients to admit and follow. He/she will become skillful at organizing the patient’s multiple problems and understanding the pathophysiology of respiratory failure and multi-system failure. There will be opportunities for research during the course of the elective.

OBJECTIVES

<table>
<thead>
<tr>
<th>Objectives</th>
<th>PC</th>
<th>MK</th>
<th>PBL</th>
<th>ISC</th>
<th>PRO</th>
<th>SBP</th>
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<tr>
<td>Familiarize with fluid-electrolytes, metabolic and renal disorders, trauma, nutrition, cardio-respiratory management, infection control</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recognize congenital anomalies presenting in critical care unit &amp; communicate with family</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recognize isolated and multiple organ system failure &amp; interact with team and family</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Perform clinical assessment to formulate management plan for critically ill patient</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
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<td></td>
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<tr>
<td>Familiarize invasive and noninvasive techniques for monitoring and supporting pulmonary, cardiovascular functions</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Participate in decision making in admitting, discharge, and transfer of patients in the intensive care units and communicate with colleagues, primary care provider and family</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Understand the role of general pediatrician and the intensivist in perioperative management of surgical patients</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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METHOD OF EVALUATION
The faculty will base their evaluation on:

1. Day-to-day observation and critique of patient care.
2. Demonstrated ability to organize complicated patients and their problem.
3. Feedback from the resident’s colleagues in Pediatric ICU: Nurse Practitioners, Nursing Staff, and Family Members.

REQUIRED READING
Selected readings from various medical journals to be provided by the Course Director.
Department of Physical & Rehabilitation Medicine

Chair: Lisa Snyder, M.D.

Schedule Change Authorizations: Tammy Livingston (tlliving@uic.edu)
NARRATIVE DESCRIPTION

Designed to provide the student with the necessary clinical facilities, patient exposure and professional supervision, to learn the basic principles of evaluation and treatment of physical disabilities and pain management. Clinical experience includes the various neuromuscular disabilities such as stroke, spinal cord injuries, demyelinating diseases, brain injury, muscular dystrophies, etc., various arthritides, amputations, automotive and industrial injuries, cerebral palsy, developmental disorders, etc., in adults as well as pediatric and geriatric patients. Emphasis will be given to the comprehensive multisystem approach to the medical management of severe disabilities, to the use of the rehabilitation team in programming physical, psychological, social and vocational therapeutic objectives, and to learn the basic principles of prescribing physical agents, prostheses, orthoses and assistive devices.

OBJECTIVES

Upon completion of this elective, the student will be able to:

1. Describe the methods and skills used in the total evaluation of physical disabilities and pain management.
2. Identify the principles of prescribing physical modalities and other rehabilitation procedures in the total management of neuromuscular disabilities.
3. Participate with other allied rehabilitation professionals in the team management of rehabilitation patients.

METHOD OF EVALUATION

The faculty will base their evaluation on:

1. Daily meetings with the attending faculty member, in which the student's knowledge and skills in the clinical work-up, diagnosis and treatment planning can be assessed.
2. A final evaluation of the student at the end of the session by a conference of all faculty members.
3. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.
Department of Radiology

Chair: Sean Meagher, M.D.

Schedule Change Authorizations:
Deanna Silotto (dsilotto@uic.edu)
Medical Imaging  
(ELEC 361)

<table>
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<tr>
<td>Dept. of Radiology UICOMP</td>
<td>309-655-3230</td>
<td>M3 UICOMP Student</td>
<td>OSF SFMC UICOMP</td>
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<td></td>
<td>Deanna Silotto - Coordinator</td>
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<tbody>
<tr>
<td>Yes (Residents and Fellows)</td>
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NARRATIVE DESCRIPTION

This is a two week M3 elective in basic medical imaging. Students will study and review images with residents, fellows, and attendings. Attendance at radiology resident meetings will be mandatory. This elective will require a five to ten minute case presentation on Monday of the second week.

OBJECTIVES  At the end of this rotation, the student will be able to:

1. Perform basic reading of chest and abdomen films.
2. Describe the appropriate use of diagnostic radiological examinations and their applications in medicine.
3. Discuss the field of medical imaging and the types of evidence that radiologists use in formulating diagnoses.

METHOD OF EVALUATION  The faculty will base their evaluation on:

1. Completion of a 5-10 minute case presentation on Monday of the second week of the elective.
2. Attendance at meetings.
Department of Surgery

Interim Chair: J. Stephen Marshall, M.D.
Surgery Clerkship Director: Richard C. Anderson, M.D.

Schedule Change Authorizations:
Kathy Slater (kjslater@uic.edu)

Lorraine Deluhery (lorraine@uic.edu)

Note to students:
Dr. Richard C. Anderson will coordinate all surgery clerkships and electives. Please call (309) 655-2383 for assistance. For students choosing electives in the Department of Surgery, the student is requested to contact the office of the program director one month before the elective rotation is to begin, and again within one week of the elective starting date. This is recommended so that all parties remain informed, and to allow for changes to be made in the schedules if necessary. Those students contemplating surgery away rotation(s) should meet with Dr. Anderson at the beginning of the M-4 year or earlier to discuss the requirements of that activity.
OPHTHALMOLOGY
(ELEC 639.1)

Address
6800 N. Knoxville, Peoria
725 S. 14th St., Pekin

Phone
309-692-2020

Prerequisites
Completion of M2 Year

Location
OSF
Pekin Hospital

Course Director
William I. Bond, M.D.

Dates Available
All year except IV(b)

Dates Not Available
IV(b)

Duration in Weeks
2

Hours/Week
35

Lectures/Seminars
Yes

Lab
No

Outpatient
Yes

Inpatient
Yes

House Staff
No

Night Call
No

Weekends
No

No. of Students
1

*Students planning to take the four-week elective course must take this over four consecutive weeks. Exceptions to the consecutive limitation may be made on an individual basis.

NARRATIVE DESCRIPTION
The course will acquaint the student with the clinical practice of ophthalmology. The experience will center around outpatient private office care of patients and will include exposure to ocular surgery. The course is designed to prepare the student to diagnose common ocular disorders and recognize ocular manifestations of systemic disease. Emphasis will be placed on the differentiation of those conditions appropriately handled by the non-ophthalmologist from those requiring specialty care. The management of common eye disorders will be stressed. The course provides an opportunity to improve the skills of physical diagnosis of the visual system.

OBJECTIVES Upon completion of this elective, the student will be able to:

1. Describe indicators of when to refer patients to an ophthalmologist.
2. Perform an orderly eye examination, including proper use of the ophthalmoscope.
3. Examine a patient with red eye and initiate management when appropriate.
4. Evaluate pupillary abnormalities.
5. Evaluate visual field abnormalities.
6. Detect and describe disorders of ocular motility and describe prevention and treatment of amblyopia.
7. Recognize the major types of glaucoma and describe their clinical presentation and treatment.
8. Write an accurate and thorough medical record in regards to ocular disease.
9. Demonstrate a professional and systematic approach in working with a patient with an ocular injury.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Completeness, accuracy, and general quality of oral presentation and written documentation of history and physical and work-ups. Appraisal of oral presentations at conferences.
2. Technical skill.
3. Observation and assessment of interactions with professionals and patients.
4. Standard Clinical Evaluation Form will be reviewed with the student by the preceptor.

REQUIRED READING
Reading assignments will be made during the elective.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT
UIUCOM-P, Department of Surgery: Kathy Slater (309) 655-2383.
**NARRATIVE DESCRIPTION**

The course will acquaint the student with the clinical practice of ophthalmology. The experience will center on outpatient private office care of patients and will include ocular surgery. The course is designed to prepare the student to diagnose common ocular disorders and recognize ocular manifestations of systemic disease. Emphasis will be placed on the differentiation of those conditions appropriately handled by the non-ophthalmologist from those patients requiring specialty care. The management of common eye disorders will be stressed. The course provides an opportunity to improve the skills of physical diagnosis of the visual system.

**OBJECTIVES**

Upon completion of this elective, the student will be able to:

1. Describe indicators of when to refer patients to an ophthalmologist.
2. Perform an orderly eye examination, including proper use of the ophthalmoscope.
3. Examine a patient with red eye and initiate management when appropriate.
4. Evaluate pupillary abnormalities.
5. Evaluate visual field abnormalities.
6. Detect and describe disorders of ocular motility and describe prevention and treatment of amblyopia.
7. Recognize the major types of glaucoma and describe their clinical presentation and treatment.
8. Demonstrate a professional and systematic approach in working with a patient with an ocular injury.

**METHOD OF EVALUATION**

The faculty will base their evaluation on:

1. Completeness, accuracy, and general quality of oral presentation and written documentation of history and physical and work-ups. Appraisal of oral presentations.
2. Technical skill.
3. Observation and assessment of interactions with professionals and patients.
4. Standard Clinical Evaluation Form may be reviewed with the student by the preceptor.

**REQUIRED READING**

Reading assignments will be made during the elective.

**NOTE: CONTACT FOR ELECTIVE ASSIGNMENT**

UICOM-P, Department of Surgery: Kathy Slater (309) 655-2383.
NARRATIVE DESCRIPTION

Each student will be assigned to a service for a four-week period on a rotation basis during which time the student will develop knowledge and treatment skills of specific orthopedic medical conditions and problems. He/she will be responsible for assigned workup on the preceptor’s service, especially with regard to the presenting orthopedic condition. The student may assist in taking emergency call, not more than every third night, to insure adequate experience with trauma problems. Under faculty supervision, the student will perform procedures such as wound closure, reductions, cast application, etc. depending upon his/her level of competence. The student may also observe/assist in rehabilitation efforts at Great Plains Sports Medicine Rehabilitation Center and assist in rounds. At least four to six hours per day will be spent with the clinical preceptor. The content of the 4-week rotation is based on student preference and availability. Options are: Dr. Rashid (hand surgery) Monday through Wednesday, Dr. Below (sports orthopedics) Wednesday through Friday and Dr. Ramirez (shoulders, elbows, sports medicine) Wednesday through Friday.

OBJECTIVES

Upon completion of this elective, the student will be able to:

1. Describe indications for referral to an orthopedic service.
2. Understand pertinent anatomy of the musculoskeletal system.
3. Understand basic orthopedic terminology.
4. Demonstrate ability to perform standard orthopedic physical examination skills.
5. Learn orthopedic management of common musculoskeletal problems.
6. Demonstrate ability to assess common orthopedic problems radiographically.
7. Present orthopedic patients in a precise, cogent fashion.
9. Identify the basic principles of trauma management.
10. Under faculty or resident supervision, perform the following basic orthopedic procedures: wound closure, reductions, application of splints, casts, braces and appliances.

METHOD OF EVALUATION

The faculty will base their evaluation on:

1. Verbal interchange between student and preceptor.
2. Quality of history and physical examination and technical skills observed by the faculty while on the Orthopedic Service.
3. Appraisal of oral presentations.
4. Observation of interrelations with professionals and patients.
5. Final evaluation will be a discussion with student and completion of Standard Clinical Evaluation Form by preceptor(s).

REQUIRED READING

Reading assignments will be made during the elective and will be tailored to the students’ and preceptors’ interests. One informal clinical presentation is recommended.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

UICOM-P, Department of Surgery: Kathy Slater (309) 655-2383.
PLASTIC SURGERY
(ELEC 656.1)

Course Director
Eric Elwood, M.D.

Address
Illinois Medical Center
1001 Main St., 3rd Flr.
Peoria, IL 61606

Phone
309-495-0250

Prerequisites
Completion of M2 Year and M3 Surgery Clerkship
UnityPoint Orientation

Location
SFMC, UPH

Dates Available
All year

Dates Not Available
n/a

Duration in Weeks
2 or 4 consecutive

Hours/Week
40 (as needed)

Lectures/Seminars
No

Lab
No

Outpatient
Yes

Inpatient
Yes

House Staff
Occasionally

Night Call
Optional

Weekends
Optional

No. of Students
3

Students planning to take the four-week elective course must take this over four consecutive weeks.

NARRATIVE DESCRIPTION

Student responsibilities will include evaluation and management of patients in the office two days per week, participation in surgical procedures, and evening and weekend trauma cases occasionally.

The student will gain knowledge in treating acute and chronic hand and upper extremity problems, facial trauma, and reconstructive procedures of the head and neck, trunk, and extremities. The student will also participate in selected cosmetic surgery cases.

OBJECTIVES

Upon completion of this elective, the student will be able to:

1. Describe and discuss the concept of Functional Restoration.
2. Explain principles of assessment and management of plastic surgical problems.
3. Verbalize selection criteria for plastic surgery patients and treatment options.

METHOD OF EVALUATION

The faculty will base their evaluation on:

1. Fund of factual knowledge.
3. Ability to follow inpatients with an organized approach to inpatient care.
4. Ability to diagnose conditions seen in the office setting.

REQUIRED READINGS

Plastic Surgery by Grabb and Smith, (provided).

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

UICOM-P, Department of Surgery: Kathy Slater (309) 655-2383.
NARRATIVE DESCRIPTION

The course will acquaint the student with the practice of urology, including a significant amount of nephrology and general medicine. Basic surgery skills, as well as operative techniques, will be included. Outpatient office exposure will be an integral portion of the program. The experience will also include useful techniques in an outpatient surgery center. The course will prepare the student for primary care practice or as a prelude to the surgical subspecialties. If the student has a strong interest in surgery, additional instruction in basic surgery skills will be offered.

OBJECTIVES  Upon completion of this elective, the student will be able to:

1. Obtain a urological history and perform a urological physical examination.
2. Develop basic skills of seeing patients at the urological center.
3. Develop basic skills required for pre-operative and post-operative assessment.
4. Acquire technical expertise and develop technical skills at the surgery center.
5. Perform simple and difficult catheterizations.
6. Evaluate urological consultations.

METHOD OF EVALUATION  The faculty will base their evaluation on:

1. Ongoing observance of the student.
2. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.

REQUIRED READING

Reading assignments will be made during the elective.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

UICOM-P, Department of Surgery:  Kathy Slater (309) 655-2383.
<table>
<thead>
<tr>
<th><strong>Address</strong></th>
<th><strong>Phone</strong></th>
<th><strong>Prerequisites</strong></th>
<th><strong>Location</strong></th>
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| Midwest Urological Group  
7309 N. Knoxville  
Peoria, IL 61614 | 309-683-0680 | Completion of M2Year  
UnityPoint Orientation | UPH |

<table>
<thead>
<tr>
<th><strong>Dates Available</strong></th>
<th><strong>Dates Not Available</strong></th>
<th><strong>Duration in Weeks</strong></th>
<th><strong>Hours/Week</strong></th>
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| All Year except Winter Break | Winter Break | 2-4  
(4 weeks must be consecutive) | Per availability |

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<tr>
<th><strong>Lectures/Seminars</strong></th>
<th><strong>Lab</strong></th>
<th><strong>Outpatient</strong></th>
<th><strong>Inpatient</strong></th>
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<th><strong>House Staff</strong></th>
<th><strong>Night Call</strong></th>
<th><strong>Weekends</strong></th>
<th><strong>No. of Students</strong></th>
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</thead>
<tbody>
<tr>
<td>No</td>
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</table>

*Students planning to take the four-week elective course must take this over four consecutive weeks.*

**NARRATIVE DESCRIPTION**

This course is available to any student wishing to learn more about urology. Although a small sub-specialty, the field of urology includes the treatment of many conditions seen in clinical practice. Included in this field is the treatment of urinary tract infection. This course will include both medical and surgical treatment of urologic problems. The student will work closely with the attending urologists and their patients that are treated at the Methodist Medical Center. Teaching will be individualized on a patient-by-patient basis. While working with the urologist, the student will gain some hands-on experience with the anatomy, pathophysiology, treatment and prognosis of these illnesses.

**OBJECTIVES**  
Upon completion of this elective, the student will be able to:

1. Recognize the anatomy and pathophysiology of the urinary tract and how it relates to urologic illnesses.
2. Administer general urologic examinations and identify special diagnostic techniques, including uroradiology, cystourethrography, and urodynamic evaluations.
3. Describe neuromuscular dysfunction of the lower urinary tract and evaluate and manage urinary incontinence.
4. Recognize physiology of erection and pathophysiology of impotence.
5. Identify the pathophysiology and treatment of urolithiasis.
6. Develop manual skills and dexterity in basic urologic manipulations such as urethral catheterization and prosthetic massage.

**METHOD OF EVALUATION**  
The faculty will base their evaluation on:

1. Informal discussions with student by attending urologist.
2. Completion of Standard Clinical Evaluation Form by attending urologist.

**REQUIRED READING**

Reading assignments will be made during the elective.

**NOTE: CONTACT FOR ELECTIVE ASSIGNMENT**

UICOM-P, Department of Surgery: Kathy Slater (309) 655-2383.