

M4 REQUIREMENTS & ELECTIVES CATALOG

2017 - 2018



UNIVERSITY OF ILLINOIS
COLLEGE OF MEDICINE AT PEORIA

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

**UNIVERSITY OF ILLINOIS
COLLEGE OF MEDICINE AT PEORIA
(UICOM-P)**

SENIOR ELECTIVE EXPERIENCES

INTRODUCTION

PHILOSOPHY

As you begin your final year of undergraduate medical education, we ask that you keep in mind the intent for the fourth year to provide:

- additional education in the core areas of medicine
- experiences and opportunities to strengthen areas of weakness
- opportunities to explore specialties in preparation for career decisions and residency application
- specific preparation for the intern year via the Intern Prep Course

REQUIREMENTS

The electives are intended to provide additional experiences and opportunities to strengthen areas of weaknesses and to provide an opportunity to work in new fields of interest while preparing students for residency training. Our fourth-year curriculum requirement is that students must receive a passing grade in 36 or more weeks of approved senior experience. Of that total, Neurology, Intern Preparedness, and Sub-I electives must be taken in Peoria. Included in the 36 weeks must be:

- 4 weeks of Medical Neurology **or** Neurosurgery
- 4 weeks of either Family Medicine, Medicine, Pediatrics, or Surgery Sub-internship
- 2 weeks of Intern Preparedness

In addition to the 10-weeks required in Peoria, M4 students must fulfill 14-weeks of electives that cover 4-6 weeks of Chronic Disease Management, 4 weeks of Urgently Ill Patients, 2-4 weeks of Population Health and 2-4 weeks of Basic Sciences Reintegration. A short 1-page reflection on population health is also required (under proposal at Curriculum Committee, February 2017). Electives that fulfill these categories are listed on the website.

USMLE Step 2 Clinical Skills Formative Practice Session – all rising M4's will be required to participate in a 5-station OSCE (Objective Structured Clinical Examination) as a non-transcript/formative practice session in June 2017 (under proposal to the Curriculum Committee, February 2017).

The remaining 12-weeks of electives may be taken in any specialty, either at an approved LCME-accredited medical school listed on VSAS, at another UIC regional campus or any other elective in Peoria – subject to availability/approval.

A combined maximum number of 8 students per block will be accepted across all four sub-internships. Approval for a sub-internship must be cleared with Amber Asher, M4 Coordinator, in Academic Affairs prior to approval at the departmental level after optimizer runs.

Any advisor on the team can help you choose electives in Peoria and at other locations to plan a well-balanced schedule. You may also want to consult course listings from other schools. Information for visiting medical students may be found on medical school websites and VSAS (Visiting Student Application Service).

PLAN

As you plan your year, keep these guidelines in mind:

- The M4 program should be a well-thought-out and well-integrated educational experience.
- It should contain courses that provide appropriate preparation for the chosen specialty.
- At the same time, M4 is **not** a postgraduate year and should not be spent exclusively in the area of specialty choice. This may be a final opportunity to elect a learning experience unrelated to your future specialty.

Please note that the exact sequence of your preferred electives/courses will most likely not match your preferences. We will be using the E*Value optimizer scheduling system, which will produce the most equitable schedule. More information and details will be provided in an information meeting.

In general, residency directors in the major clinical fields prefer that students spend two months of their senior year in that field. It is recommended that time be divided between advanced study in the basic discipline and relevant specialties. If you are undecided about residency, two months in one field and one or two in others might be a wise choice. Most residency directors agree that students need a well-balanced fourth year, not a mini-residency.

Students may take no more than two electives in a single subspecialty. Any more than two electives in a single subspecialty will need to be approved by Dr. Aiyer, Associate Dean for Academic Affairs.

A well-planned program will include, besides advanced and relevant specialty electives, some experiences in unrelated fields chosen to meet an interest or fill a knowledge gap. You will want to include one or more electives in areas ancillary to clinical medicine such as pathology or anesthesia, and perhaps also in ambulatory care and/or basic or applied research. These need not all be separate blocks; a specialty elective may provide ambulatory experience or the opportunity for research. If you have an idea of your preferred residency site(s), you may want to take one of your electives there. You will want to take those electives before the deadline for resident selection (rank list) in February.

USMLE STEP 2

Plan to take two to four weeks to prepare for the USMLE Step 2 Clinical Knowledge and Clinical Skills Exams. The Site Committee on Student Promotions strongly recommends taking Step 2 CK and Step 2 CS before December 1, 2017, which would give you the opportunity to re-take the exam and get a score back before May 1 in the event that you fail your first attempt. Students, however, are strongly advised to take Step 2 CK and CS as soon as possible after the completion of the M3 year to help facilitate the ERAS application and interviews for residency. Students can take the traditional Clinical Knowledge Exam and the Step 2 Clinical Skills Exam in any order. The Clinical Skills Exam scoring is a Pass/Fail. Both Step 2 Exams must be passed to graduate. Turnaround time for posting grades should make exam scores available about four weeks following the clinical knowledge exam and eight to twelve weeks following the clinical skills exam. Documentation of a passing score on USMLE Step 2 Exams must be on file in the Office of Academic Affairs no later than April 30 in order for you to participate in the convocation ceremony.

SCHEDULE CHANGES

Once schedules have been completed by the E-Value optimizer scheduling system, students from other schools will be permitted to schedule electives here. Those students will not be "bumped" later on to accommodate last minute changes from UICOM-P students. It is to your advantage to begin your M4 year with a firm schedule in hand.

If you have planned well, changes throughout the year may not be necessary. If you do need to make a change, follow the simple process outlined below:

- Email the appropriate course coordinator to request the change. Copy the site registrar, Loni Wenzel (loniw@uic.edu) on the email.
- The course coordinator will respond to your request via email and copy the site registrar, who will then update the student's schedule accordingly.

NOTE: You cannot schedule more than one course at a time; so if needed, be sure to drop a previous course before adding a new one, using the same process above.

Failure to add an elective correctly will result in your receiving NO credit for that elective. Failure to drop an elective correctly could lead to registration issues. Please remember that many faculty members offering electives are volunteers; requests for schedule changes can seriously disrupt their plans.

Except in cases of emergency, all drop/add procedures must be completed 30 days before the start of an elective.

"AWAY" ELECTIVES

When you apply for an elective at another institution (other than a UICOM campus):

- Complete the top portion of the "Approval for Elective Experience" form, available in the Office of Academic Affairs (sample on page xiii). This form is also online and on Blackboard.
- Obtain approval from the off-campus institution (can be an email).
- Attach a course description/outline of the elective and acceptance letter (or email) to the form and take to the appropriate department coordinator for signature.
- Take the form to Chris Menke in the Department of Family and Community Medicine, and she will get the Director of Student Health's signature.
- Take the form to Loni Wenzel, Site Registrar, in the Office of Academic Affairs. A contact number **MUST** be provided before Academic Affairs will approve the rotation.

When all of the approved paperwork is in your file, you have approval to take the elective. **Failure to obtain approvals prior to taking an "away" elective may result in you not receiving credit for the experience.** The site registrar will send you a blank evaluation to take with you when all of the approved paperwork has been received. Please ask your preceptor to complete and return it at the end of your rotation. It is the student's responsibility to make sure a completed evaluation is received in academic affairs. Check your file often; if your evaluation does not arrive, you may need to repeat your request. If you need to drop an "away" elective, do so **in writing** and send a copy of your request to the Office of Academic Affairs for your file.

It is important that we be able to communicate with you while you are on an "away" elective. Please be sure we have a telephone or pager number to reach you.

The Association of American Medical Colleges (AAMC) has an electronic application system for away rotations. Over 160 schools are participating in the Visiting Student Application Service (VSAS). You will be required to complete your application on line if you are applying to one of the VSAS schools (go to <https://services.aamc.org/20/vsas/>).

INTERNATIONAL ELECTIVES

Those considering experiences in other countries should initiate discussion with the Office of Academic Affairs and the sponsoring department beginning about the middle of the M3 year. Four to eight weeks is the usual length of such experiences. See your doctor at least 4-6 weeks before your trip to allow time for any necessary immunizations to take effect. Always check for new requirements due to outbreaks. Two good sources of information are <http://travel.state.gov/> and <http://wwwnc.cdc.gov/travel/>.

RESIDENCY INTERVIEWS

Plan to schedule interviews during times when no courses are scheduled if at all possible. If you learn that you must go to an interview during the time a course is scheduled, you ***must ASK PERMISSION and make arrangements with the course director PRIOR to the beginning of the course or as soon as you receive the invitation. It is not acceptable to simply not show up in order to go on an interview.*** You are to ***ask permission*** to be away from a course as necessary. As a fourth-year student, others will be counting on your participation as a member of the team providing care. In most cases you will be scheduled for activities, and course directors will have gone to considerable efforts to ensure a quality experience for you. It is ***not appropriate to simply tell*** the course director that you will be absent. The course director may or may not grant permission for you to be absent. You may (offer or be asked to) take extra call evenings or weekends in order to make up the time you will be away.

If you are absent for a significant amount of time from either a two-week or a four-week course, you may not receive a grade for the course, and it will not count toward the required weeks of instruction.

You may take more than the required weeks of instruction. If you receive remuneration at any time, that work will not "count" toward required weeks of instruction, nor will you be covered by the University of Illinois Malpractice Insurance. Refer to attached policy on student stipends. If, after you have completed the required weeks of instruction, you decide to seek employment (e.g., paramedic, etc.), ***BE SURE THAT YOU ARE COVERED FOR MALPRACTICE INSURANCE BY YOUR EMPLOYER.***

Free periods may be scheduled throughout the year, even though you are registered for the entire year. We urge you to leave some free time to interview at postgraduate programs. Most programs will invite you to visit and interview before the end of January.

Any time you are away from the Peoria area for more than one week, an emergency contact number should be provided to the UICOM-P Offices of Student and Academic Affairs. Pagers are to be available at ALL TIMES! You should make alternative/forwarding arrangements to ensure timely receipt of mail sent to your home address or placed in your student mailbox. It is expected that you will respond promptly to emails and phone calls within 72 hours unless in a remote area that is out of range.

REGISTRATION

Be sure to keep your University registration in good order. This insures that you have personal health and malpractice coverage and that your academic time will count towards graduation. If you are a financial aid recipient, notify the COM Financial Aid Office (312-413-0127) when you plan to register for less than 12 hours (weeks) of instruction in the fall or spring term, so that necessary adjustments can be made in your aid. Students who register for less than 6 hours (weeks) in any term are not eligible for federal aid programs. Failure to communicate via phone or email with university personnel regarding your registration may constitute a professionalism problem and as such may result in review at the Promotions Committee.

CUPS Requirements

(C) Chronic Disease Management 4-6 wks (P) Population Health 2-4 wks (U) Urgently Ill Patients 4 wks (S) Basic Sciences Reintegration 2-4 wks

Cancer Biology & Pharmacology	
CRITICAL THINKING USING THE SCIENTIFIC METHOD (ELEC 849)	
Dermatology	
M4 DERMATOLOGY ELECTIVE (ELEC 602)	C, U
Emergency Medicine	
ADVANCED EMERGENCY MEDICINE (ELEC 603)	U
CLINICAL SIMULATION (ELEC 272)	
Family Medicine	
FAMILY MEDICINE - MATERNAL/NEWBORN (ELEC 194)	P
FAMILY MEDICINE - UICOM-P/MMCI (ELEC 814.2)	P
FAMILY MEDICINE - INTERNATIONAL (824.5)	C, P
FAMILY MEDICINE SUB-INTERNSHIP (ELEC 873)	
Dept of Medicine (Internal Medicine)	
CARDIOVASCULAR DISEASES (ELEC 608.1)	C, U
CRITICAL CARE MEDICINE (ELEC 611)	U
GASTROENTEROLOGY (ELEC 614)	C, U
GERIATRICS (ELEC 615)	C, U, P
HEMATOLOGY AND ONCOLOGY (ELEC 804)	C, U, S
INFECTIOUS DISEASES (ELEC 617)	C, U
INPATIENT HOSPICE (ELEC 334)	C, U, P
INTERN PREPAREDNESS (ELEC 258) **required	
INTERNATIONAL MEDICINE (ELEC 824.1)	C, U, P
INTERNATIONAL MEDICINE (ELEC 824.2)	C, U, P
INTERNATIONAL MEDICINE (ELEC 824.3)	C, U, P
INTERNATIONAL MEDICINE (ELEC 824.4)	C, U, P
MEDICINE SUB-INTERNSHIP (ELEC 899)	
NEPHROLOGY (ELEC 621)	C, U, S
PALLIATIVE CARE (294)	C, P
PULMONARY MEDICINE - ST. FRANCIS MEDICAL CENTER (ELEC 625)	U
SURVEY OF MEDICAL INFORMATICS (ELEC 156)	
Medicine-Pediatrics	
COMMUNITY BASED MEDICINE-PEDIATRICS (ELEC 800.1)	U, C, P
SUMMER CAMP FOR KIDS WITH DIABETES (ELEC 860)	C, P, S
Neurology	
CEREBRAL VASCULAR DISEASE/STROKE (ELEC 889)	U, S
MOVEMENT DISORDERS (293)	C, U, S
NEUROLOGY (ELEC 635)	C, U, S
NEURO-OPHTHALMOLOGY (ELEC 240)	C
SLEEP DISORDERS (ELEC 930)	C
OR: Neurosurgery	
NEUROLOGICAL SURGERY (ELEC 694)	C, U, S
Obstetrics & Gynecology	
GYNECOLOGIC ONCOLOGY (ELEC 638)	C
MATERNAL-FETAL MEDICINE (ELEC 637)	U
REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY (925)	C, S
Pathology	
ANATOMICAL & CLINICAL PATHOLOGY (ELEC 645)	S
FORENSIC PATHOLOGY (ELEC 835)	S
NEUROPATHOLOGY (ELEC 767)	S
PRACTICAL GENERAL PATHOLOGY AND NUCLEAR MEDICINE (ELEC 866)	S

Pediatrics	
INTERNATIONAL MEDICINE - HAITI (ELEC 193)	C, U, P
NEONATOLOGY (ELEC 654)	U, S
PEDIATRIC CARDIOLOGY (ELEC 739)	C, U, S
PEDIATRIC HEMATOLOGY (ELEC 651.1)	C, U
PEDIATRIC HEMATOLOGY/ONCOLOGY (ELEC 651.2)	C, U, S
PEDIATRIC INTENSIVE CARE UNIT (ELEC 689)	U, S
PEDIATRICS SUB-INTERNSHIP (ELEC 875)	
Physical & Rehabilitation Medicine	
REHABILITATION MEDICINE (ELEC 658)	C
Psychiatry & Behavioral Medicine	
SPECIAL STUDIES IN PSYCHIATRY (ELEC 857)	C, U
Radiology	
ADVANCED RADIOLOGY (ELEC 223)	U
DIAGNOSTIC RADIOLOGY (ELEC 672)	U
INTRODUCTION TO RADIATION ONCOLOGY (ELEC 825)	U, S
VASCULAR AND INTERVENTIONAL RADIOLOGY (ELEC 785.2)	C, S
Surgery	
ADVANCED COMMUNITY GENERAL SURGERY (ELEC 673.3)	U, P
ADVANCED GENERAL SURGERY (ELEC 673.1)	U
ADVANCED GENERAL SURGERY (ELEC 673.2)	U
ADVANCED THORACIC SURGERY (ELEC 932)	U, C
ANESTHESIA/PAIN MANAGEMENT (ELEC 795)	U
CARDIOTHORACIC SURGERY (ELEC 697)	U, S
G I SURGERY (ELEC 946)	C, U, S
INTERNATIONAL SURGERY (ELEC 824.3)	C, U, P
OPHTHALMOLOGY (ELEC 639.1)	C
OPHTHALMOLOGY (ELEC 639.2)	C
ORTHOPEDIC SURGERY (ELEC 642.1)	U
ORTHOPEDIC SURGERY (ELEC 642.2)	U
ORTHOPEDIC SURGERY (ELEC 642.3)	U
ORTHOPEDIC SURGERY (WITH SPECIAL EMPHASIS ON SPORTS MEDICINE)(ELEC 859)	U
OTOLARYNGOLOGY (ELEC 643.1)	U
OTOLARYNGOLOGY (ELEC 643.2)	U
PEDIATRIC SURGERY (ELEC 657)	U
PEDIATRIC UROLOGY (ELEC 841)	U
PLASTIC SURGERY (ELEC 656.1)	U
SURGERY SUB-INTERNSHIP (ELEC 680)	
SURGICAL CRITICAL CARE/TRAUMA (ELEC 682)	U
SURGICAL ONCOLOGY & SURGICAL ONCOLOGY RESEARCH (ELEC 693.1)	U
BREAST SURGICAL ONCOLOGY (ELEC 693.2)	U
SURGICAL RESIDENCY PREPAREDNESS PRACTICUM (ELEC 157)	U
TRAUMA SURGERY (ELEC 701)	U
UROLOGY (ELEC 683.1)	U
UROLOGY (ELEC 683.2)	U
VASCULAR & ENDOVASCULAR SURGERY (ELEC 702.1)	U

Student Stipends Policy

1. Students registered with the University of Illinois College of Medicine shall not receive monetary remuneration or fringe benefits (meals, laundry, uniforms, supplies, lodging, parking, etc.) for patient services that result from their participation in the educational programs of hospitals associated with the University of Illinois College of Medicine.
2. Associated institutions cannot impose fees or other charges upon students for use of the facilities of the institution for educational purposes. Affiliation agreements define the terms of the financial reimbursement to these institutions by the College of Medicine.
3. Students shall not be reimbursed for travel or other expenses incurred in association with on-going curricular programs of a school or the College.
4. Students of the College may receive stipends for selected programs. Payment of such stipends must be approved by the Dean of the School concerned and the Committee on Educational Policy. Policy shall not exceed those paid students in the Graduate College.

Approved by the Academic Council, June 27, 1973

Approved by GMEC: 5-2-2008
COM @ Chicago UGME Curriculum Committee

University of Illinois College of Medicine Policy on Student Work Hours

Introduction

The primary purpose of medical students involved in clinical educational experiences is to learn. As extended hours can cause fatigue and compromise the student's ability to retain information, limitations in attendance are necessary.

Attendance Limitations on Student Assignments

The following attendance limitations are established for all clinical experiences:

1. The maximum number of required hours at clinical sites (hospital, clinic, nursing home, etc.) should not exceed 80 hours per week.
2. Students should not work longer than 16 continuous hours.
3. Night shift hours should not be required the day before administration of the end of clerkship examination.
4. Students should have an average of at least 24 continuous hours each week free of clinical responsibilities (including lectures, seminars, clinic, and rounds).
5. Students must have eight hours free of duty between scheduled duty periods.

The above restrictions do not include independent study time apart from clinical duties or optional activities in which the student voluntarily participates.

Policy for Clinical Student Documentation in the Medical Record

(adopted March 2010)

1. Introduction

- a. All clinical (M-3 and M-4) students are expected to document their evaluation of the patient in the patient's medical record.
- b. Student medical record documentation should comply with the current and applicable payer regulations.

2. Standards

- a. The medical record should document pertinent historical, physical exam, laboratory and radiological results, assessment and care plans for the patient.
- b. The medical record serves as a means of communication between healthcare workers including students and teaching physicians.
- c. The collection of data within the medical record may be useful for the education of the student.
- d. Documentation must be consistent with contractual obligations of payers.
- e. The date of the entry and a written or electronic signature are required on every entry to the medical record.
- f. Corrections to the medical record must be clearly and accurately documented to maintain the integrity of the record and to avoid the appearance of tampering.
 - i. Corrections to a student's entry must be clearly documented by maintaining the readability of the original entry and providing the corrected information. Corrections should be dated and initialed (written or electronic) by the note's editor.
- g. Student performance of a billable service must be performed in the physical presence of a teaching physician or resident.
 - i. Students cannot be used as scribes as this does not contribute to the education of the medical student.
 - ii. If a student documents a billable service, the teaching physician must verify and re-document that service.
 1. Reference to the student's note is limited to the past medical history, family and social history, and the review of systems.
 2. The teaching physician must document the history of present illness, physical exam, assessment and plan in his/her note.
 - a. Copy and paste of the student's note into the teaching physician's note is not permitted.
 - iii. The teaching physician must be physically present for the entire billable procedure performed by a student.

3. Process

- a. Students should have full viewing rights to the medical records of those patients they are assigned.
- b. Students should see and document their findings, assessment and plans on all assigned patients on a daily basis.
- c. Templates may be used by students.
 - i. Each discipline may develop a student template.
 - ii. Students may use the general admission template (EPIC system).
- d. The student's note will be documented as separate from the attending or resident.
 - i. When electronic medical records are utilized, students will be assigned a unique username and password. Entries will only be made utilizing the student's username.
 - ii. Only the attending physician's note will be utilized for billing purposes.

- iii. It is recommended that disclaimer should be added to all cosigned notes by the resident or attending which states: "Student documentation is for educational purposes only. The content of this note is not utilized to guide patient care. This note has been reviewed and feedback has will be provided to the student."
- e. Teaching physicians or residents should review the student's note for accuracy.
 - i. Responsibility for cosigning the note.
 - 1. Students assigned to the residents should have residents cosign their notes unless the service indicates otherwise.
 - 2. Students working directly under an attending should have the attending cosign the student's note.
 - ii. Feedback should be provided to the student either verbally or in writing.
 - iii. Corrections (errors or omissions) should be appropriately documented by the reviewing the physician.
- f. Student can update problem lists, educate patients, and gather information from consultants.
- g. Student may not finalize orders.
 - i. All student orders should be identified as "orders pending".

University of Illinois College of Medicine at Peoria

**UNIVERSITY OF ILLINOIS
COLLEGE OF MEDICINE AT PEORIA
M4 ELECTIVE CALENDAR
CLASS OF 2018
ACADEMIC YEAR 2017-2018**

BLOCK	DATES
I (a)	06/19/17 – 06/30/17
I (b)	07/03/17 – 07/14/17 (Diabetes Camp)
II (a)	07/17/17 – 07/28/17
II (b)	07/31/17 – 08/11/17
III (a)	08/14/17 - 08/25/17
III (b)	08/28/17 – 09/08/17
IV (a)	09/11/17 – 09/22/17
IV (b)	09/25/17 – 10/06/17
V (a)	10/09/17 – 10/20/17
V (b)	10/23/17 – 11/03/17
VI (a)	11/06/17 – 11/17/17
VI (b)	11/20/17 – 12/01/17
VII (a)	12/04/17 – 12/15/17
VII (b)	12/18/17 – 12/29/17
VIII (a)	01/02/18 – 01/12/18
VIII (b)	01/15/18 – 01/26/18
IX (a)	01/29/18 – 02/09/18
IX (b)	02/12/18 – 02/23/18
X (a)	02/26/18 – 03/09/18 (Intern Prep Course)
X (b)	03/12/18 – 03/23/18
XI (a)	03/26/18 – 04/06/18
XI (b)	04/09/18 – 04/20/18

Blocks may be split into two-week increments to accommodate two-week electives (*but not cross Blocks*).

SAMPLE
Complete in Pencil Only

University of Illinois College of Medicine at Peoria
Fourth-Year Schedule for Academic Year 2017-2018

Student's Name: _____

Class of 2018

UIN#: _____ Email: _____ Academic Year 2017-2018

COMPLETE IN PENCIL ONLY								
Term	Elective	Course #	Location/ Hospital	P/XP*	Dates	Weeks	Grade**	CUPS
	LEAVE BLANK	LEAVE BLANK	LEAVE BLANK		LEAVE BLANK	LEAVE BLANK	LEAVE BLANK	LEAVE BLANK
Summer Term # 220175 06/12/17-08/05/17	Family Medicine Sub-I	Elec. 873	UPH	P	06/19/17-06/30/17 I 07/03/17-07/14/17	4		
	Neurology	Elec. 635	SFMC	P	07/17/17-07/28/17 II 07/31/17-08/11/17	4		
Fall Term # 220178 08/07/17-12/16/17	Off (Study for Boards)	Off	Off	Off	08/14/17-08/25/17 III 08/28/17-09/08/17	Off	Off	Off
	Gynecology/Oncology	Elec. 791	SFMC	P	09/11/17-09/22/17 IV 09/25/17-10/06/17	4		
	Adv. Emergency Med.	Elec. 791	SFMC	P	10/09/17-10/20/17 V 10/23/17-11/03/17	4		
	Otolaryngology	Elec. 643.1	SFMC	P	11/06/17-11/17/17 VI	2		
	Ophthalmology	Elec. 639.2	IL Eye Ctr.	P	11/20/17-12/01/17	2		
	Off	Off	Off	Off	12/04/17-12/15/17 VII 12/18/17-12/29/17	Off	Off	Off
Spring Term # 220181 01/02/18-04/28/18	Critical Care Medicine	Elec. 611	SFMC	P	01/02/18-01/12/18 VIII 01/15/18-01/26/18	4		
	Diagnostic Radiology	Elec. 672	SFMC	P	01/29/18-02/09/18 IX 02/12/18-02/23/18	4		
	Intern Preparedness	Elec. 258	SFMC	P	02/26/18-03/09/18 X	2		
	Anesthesia/Pain Mgt.	Elec. 795	SFMC	P	03/12/18-03/23/18	2		
	Nephrology	Elec. 621	SFMC	P	03/26/18-04/06/18 XI 04/09/18-04/20/18	4		

Curriculum Requirements:

- 4 weeks Neurology or Neurosurgery
- 4 weeks Med Sub I, Peds Sub I, Fam Med Sub I, or Surg Sub I
- 2 weeks Intern Preparedness
- At least 16 weeks in Peoria
- At least 36 weeks total

- 4-6 weeks C – Chronic Disease Management
- 4 weeks U – Emergent/Urgently Ill
- 2-4 weeks P – Population Health
- 2-4 weeks S – Reintegrating Basic Science

****Grades:**

- O – Outstanding
- A – Advanced
- P – Proficient
- I – Incomplete
- U – Unsatisfactory

*P – Rotation in Peoria
XP – Rotation Away

University of Illinois College of Medicine at Peoria
Fourth-Year Schedule for Academic Year 2017-2018

Student's Name: _____

Class of 2018

UIN#: _____ Email: _____ Academic Year 2017-2018

COMPLETE IN PENCIL ONLY								
Term	Elective	Course #	Location/ Hospital	P/XP*	Dates	Weeks	Grade**	CUPS (Aca. Affairs Use)
	LEAVE BLANK							
Summer Term # 220175 6/12/17 - 8/5/17					06/19/17-06/30/17 I			
					07/03/17-07/14/17 II			
Fall Term # 220178 8/7/17 - 12/16/17					07/17/17-07/28/17 II			
					07/31/17-08/11/17			
					08/14/17-08/25/17 III			
					08/28/17-09/08/17			
					09/11/17-09/22/17 IV			
					09/25/17-10/06/17			
					10/09/17-10/20/17 V			
Spring Term # 220181 1/2/18 - 4/28/18					10/23/17-11/03/17			
					11/06/17-11/17/17 VI			
					11/20/17-12/01/17			
					12/04/17-12/15/17 VII			
					12/18/17-12/29/17			
					01/02/18-01/12/18 VIII			
				01/15/18-01/26/18				
					01/29/18-02/09/18 IX			
	Intern Prep Course	258	OSF	P	02/12/18-02/23/18	2		n/a
					02/26/18-03/09/18 X			
					03/12/18-03/23/18			
					03/26/18-04/06/18 XI			
					04/09/18-04/20/18			

Curriculum Requirements:

- | | |
|--|---|
| <input type="checkbox"/> 4 weeks Neurology or Neurosurgery
<input type="checkbox"/> 4 weeks Med Sub I, Peds Sub I, Fam Med Sub I, or Surg Sub I
<input type="checkbox"/> 2 weeks Intern Preparedness
<input type="checkbox"/> At least 16 weeks in Peoria
<input type="checkbox"/> At least 36 weeks total | <input type="checkbox"/> 4-6 weeks C – Chronic Disease Management
<input type="checkbox"/> 4 weeks U – Emergent/Urgently Ill
<input type="checkbox"/> 2-4 weeks P – Population Health
<input type="checkbox"/> 2-4 weeks S – Reintegrating Basic Science |
|--|---|

****Grades:**

- O – Outstanding
- A – Advanced
- P – Proficient
- I – Incomplete
- U – Unsatisfactory

*P – Rotation in Peoria
XP – Rotation Away

M3 & M4 Department Coordinators

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

Basic Sciences	Linda Walter – Rm B334 – 671-8535 – lwalter@uic.edu
Dermatology	Maria Heathcoat – Rm B232 – 671-8482 – mph007@uic.edu
Emergency Medicine	Christie Perry – SFNB Rm 2620 – 655-6998 – cperry09@uic.edu
Clinical Simulation	Elizabeth Holzwarth – Jump Sim Center – 308-9578 Elizabeth.M.Holzwarth@jumpsimulation.org
Family & Community Medicine	Jodi Frasure – DFCM Suite B – 672-4593 – jfrasure@uic.edu
Internal Medicine	TBA – SFNB Rm 5683 – 655-7733 – @uic.edu
Medicine/Pediatrics	Lyn Apa Roth – SFNB Rm 5607 – 655-3863 – lynapa@uic.edu
Neurology	David Link-Smith – SFNB Rm 4632 – 624-3915 – davidls@uic.edu
Neurosurgery	David Link-Smith – SFNB Rm 4632 – 624-3915 – davidls@uic.edu
Obstetrics/Gynecology	Laurie Lamb – SFNB Rm 2644 – 624-5592 – lauriel@uic.edu
Pathology	Maria Heathcoat – Rm B232– 671-8482 – mph007@uic.edu
Pediatrics	April Vigneux – SFNB Rm 5651 – 655-7999 – avigneux@uic.edu
Psychiatry	Maureen Wolfe – UPH/Methodist – Rm W716 – 671-8395 – maureenw@uic.edu
Radiology	Deanna Silotto – SFNB Rm 4690 – 655-3230 – dsilotto@uic.edu
Rehab Medicine	Loni Wenzel – Academic Affairs – 671-8409 – loniw@uic.edu
Surgery	Kathy Slater – SFNB Rm 2675 – 655-2383 – kjslater@uic.edu

Procedures for Approval for Electives at Other Institutions

Attached is a copy of the form titled Approval for Elective Experience at an Institution other than UICOM-P.

To officially complete the process to enroll and **receive credit** for the elective, **YOU MUST**

1. Complete the top portion of the form
2. Attach an acceptance letter (can be an email)
3. Attach a course outline/description of the elective
4. Obtain BOTH of the required signatures (Section 2 and 3 on the form)
5. Return the form to Loni Wenzel, Site Registrar, in the Office of Academic Affairs
6. Drop any elective(s) already scheduled for the dates you will be away

Please allow sufficient time prior to the start of the elective (at least a month) to obtain signatures.
Approvals must be obtained BEFORE the start of the elective.

1. Failure to obtain proper authorization before the start of the elective will result in your not receiving credit for the experience....NO EXCEPTIONS.
2. Failure to obtain proper authorization before the start of the elective will result in the Associate Dean for Academic Affairs contacting the program you are participating in and having you pulled from the rotation.
3. Failure to obtain proper authorization before the start of the elective means the experience is not an approved part of the curriculum and you would not be covered by UICOM malpractice insurance. This places YOU and the UNIVERSITY in a very tenuous position.

Please remember that you are only allowed to take two electives in a subspecialty.

ALSO, PLEASE REMEMBER APPROVED SCHEDULE CHANGES FOR UICOM-P ELECTIVES ARE DUE TO ACADEMIC AFFAIRS AT LEAST FOUR WEEKS PRIOR TO ELECTIVE START DATES.



UNIVERSITY OF ILLINOIS
COLLEGE OF MEDICINE AT PEORIA

Office of Academic Affairs
One Illini Drive, Box 1649
Peoria, Illinois 61656-1649

STUDENTS PLEASE NOTE:

1. This form should be emailed to the sponsoring institution to complete Section 1 and return, **OR** you may attach a copy of the acceptance letter from the sponsoring institution in lieu of the sponsor's signature.
2. An evaluation form should be taken with you for completion by the preceptor and returned to the registrar at the Office of Academic Affairs. If a blank evaluation has not been given to you, please request one from the registrar.

Approval for Elective Experience at an Institution other than UICOM-P

Student name: _____

Student contact information while away: _____

Title of elective: _____

Sponsoring institution: _____

Name of preceptor: _____ Phone: _____

Rotation dates: _____

Is this to fulfill a required elective? Yes _____ No _____ (UICOMP course #: _____)

Note: A description of the elective is required for the rotation to be approved.

I authorize release of my transcript to external educational schools where I am applying for a fourth-year rotation:

Student signature: _____ Date: _____

Section 1: Approval of sponsoring institution or preceptor (A or B must be completed):

A. Signature of institution preceptor: _____ Date: _____

Printed name: _____ Title: _____

Address: _____

OR

B. Attach a copy of acceptance letter (email is acceptable) and course description in lieu of signatures.

Section 2: Approval of Department Chair at UICOM-P (to be signed ONLY if a description of the elective is provided).

Signature: _____ Title: _____ Date: _____

Section 3: Approval of Director of Student Health Service, UICOM-P

The above student has had all immunizations, serum immune titers, or other diagnostic tests which are required by UICOM-P and the external institution offering the clerkship. Students **MUST** attach current external institutional requirements for verification.

Signature: _____ Title: _____ Date: _____

Section 4: Approval of Associate Dean for Academic Affairs, UICOM-P (to be obtained by the registrar after all other signatures are obtained)

Signature: _____ Title: *Associate Dean for Academic Affairs* Date: _____



Chicago

Peoria

Rockford

Urbana-Champaign

Phone (309) 671-8412 • Email_loniw@uic.edu • Fax (309) 680-8605



UNIVERSITY OF ILLINOIS
COLLEGE OF MEDICINE AT PEORIA

Office of Academic Affairs
One Illini Drive, Box 1649
Peoria, Illinois 61656-1649

STUDENTS PLEASE NOTE:

1. This form should be emailed to the sponsoring institution to complete Section 1 and return, **OR** you may attach a copy of the acceptance letter from the sponsoring institution in lieu of the sponsor's signature.
2. An evaluation form should be taken with you for completion by the preceptor and returned to the registrar at the Office of Academic Affairs. If a blank evaluation has not been given to you, please request one from the registrar.

International Elective Approval Form

Student name: _____

Student contact information while away: _____

Title of elective: _____

Sponsoring institution: _____

Name of preceptor: _____ Phone: _____

Rotation dates: _____

Is this to fulfill a required elective? Yes _____ No _____ (UICOMP course #: _____)

Note: A description of the elective is required for the rotation to be approved.

I authorize release of my transcript to external educational schools where I am applying for a fourth-year rotation:

Student signature: _____ Date: _____

Section 1: Approval of sponsoring institution or preceptor (A or B must be completed):

A. Signature of institution preceptor: _____ Date: _____

Printed name: _____ Title: _____

Address: _____

OR

B. Attach a copy of acceptance letter (email is acceptable) and course description in lieu of signatures.

Section 2: Approval of Department Chair at UICOM-P (to be signed ONLY if a description of the elective is provided).

Signature: _____ Title: _____ Date: _____

Section 3: Approval of Director of Student Health Service, UICOM-P

___ Africa ___ Haiti ___ India ___ Latin America ___ US Site ___ Other _____

The above student has had all immunizations, serum immune titers, or other diagnostic tests which are required by UICOM-P and the external institution offering the clerkship. Students MUST attach current external institutional requirements for verification.

Signature: _____ Title: _____ Date: _____

Section 4: Approval of Associate Dean for Academic Affairs, UICOM-P (to be obtained by the registrar after all other signatures are obtained)

Signature: _____ Title: *Associate Dean for Academic Affairs* Date: _____



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APPROVAL FOR INTERNATIONAL ELECTIVE EXPERIENCE

Name of Medical Student _____

Title of Elective _____

Sponsoring Institution _____

Name of Preceptor _____ Telephone () _____

Inclusive Dates _____

Is this to fulfill a required elective? No _____ Yes _____ (UICOM-P Course # _____)

NOTE: A DESCRIPTION OF THE ELECTIVE IS REQUIRED FOR ROTATION TO BE APPROVED.

SEE YOUR DOCTOR AT LEAST 4-6 WEEKS BEFORE YOUR TRIP TO ALLOW TIME FOR SHOTS TO TAKE EFFECT.

(Always check for NEW requirements due to outbreaks)

REQUIRED: Contact information must be available (address, phone, cell, e-mail)!

Two good sources of information are <http://travel.state.gov/> and <http://wwwnc.cdc.gov/travel/>.

AFRICA

Central & West

Hepatitis A or immune globulin, except to Japan

Hepatitis B

Meningococcal

Yellow fever

Rabies

Typhoid

As needed, booster doses for

Tetanus-diphtheria, measles, and
one-time dose of *polio* vaccine

East

Hepatitis A or immune globulin

Hepatitis B

Rabies

Typhoid

Yellow fever

As needed, booster doses for

Tetanus-diphtheria, measles, and
one-time dose of *polio* vaccine

Southern & North

Hepatitis A or immune globulin

Hepatitis B

Rabies

Typhoid

As needed, booster doses for

Tetanus-diphtheria, measles, and
one-time dose of *polio* vaccine

INDIAN

Subcontinent

Hepatitis A or immune globulin

Hepatitis B

Japanese encephalitis

Rabies

Typhoid

As needed, booster doses for

Tetanus-diphtheria, measles, and
one-time dose of *polio* vaccine

Health Hotline Numbers

Toll-free telephone number 877-FYI-TRIP

Toll-free fax number 888-232-3299

(information by fax is also available on the web)

ASIA

East & Southeast

Hepatitis B

Japanese encephalitis

Rabies

Typhoid

As needed, booster doses for

Tetanus-diphtheria, measles, and
one-time dose of *polio* vaccine

CARIBBEAN

Hepatitis A or immune globulin

Hepatitis B

Rabies

Typhoid

Yellow fever

As needed, booster doses for

Tetanus-diphtheria and measles

LATIN AMERICA

Central & South

Hepatitis A or immune globulin

Hepatitis B

Rabies (human diploid cell vaccine)

(for those working in rural areas)

Typhoid

Yellow fever

Review status with regard to tetanus/diphtheria,

Measles, mumps, rubella

Consider one-time dose for oral poliomyelitis

vaccine or enhanced potency in activated polio

vaccine if more than 5 years since primary series

Traveler Checklist

Carefully follow the information for your destination

Begin the vaccinations process early

Find a travel clinic for immunizations

Plan ahead if you are traveling with children or have any special needs

Learn about safe food & water, insect protection, & other precautions

Prepare for medical emergencies & for nonmedical emergencies, such as
crime and natural disasters

UIC

Chicago

Peoria

Rockford

Urbana-Champaign

Phone (309) 671-8412 • Email_loniw@uic.edu • Fax (309) 680-8605

**UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE AT PEORIA
APPROVAL FOR RESEARCH OR INDIVIDUALIZED ELECTIVE**

Student's Name _____ Class of _____

Sponsoring Department _____ Dates of Elective _____

Title of Elective _____ Course Number _____

A COURSE OUTLINE MUST BE ATTACHED BEFORE OBTAINING APPROVALS.

Approval of Course Director _____

Approval of Department Chairperson _____

Approval of Associate Dean for Academic Affairs _____

*THIS FORM IS TO BE COMPLETED AT LEAST ONE MONTH PRIOR
TO THE START OF THE ELECTIVE.*

Department of Cancer Biology & Pharmacology

Chair: Marcelo Bento Soares, Ph.D.

Assistant Head: Stephen Lasley, Ph.D.

Schedule Change Authorizations:

Linda Walter (lwalter@uic.edu)

CRITICAL THINKING USING THE SCIENTIFIC METHOD (ELEC 849)			Course Directors Faculty members of the Department of Cancer Biology & Pharmacology
Address UICOM-P	Phone 309-671-8535	Prerequisites Previous lab experience	Location Dept. of Cancer Biology & Pharmacology
Dates Available Flexible	Dates Not Available N/A	Duration in Weeks 4-8	Hours/Week 40 hrs./Week (Per One Credit Hour)
Lectures/Seminars Yes	Lab Yes	Outpatient N/A	Inpatient N/A
House Staff N/A	Night Call N/A	Weekends Possible	No. of Students Variable

NARRATIVE DESCRIPTION

This course is intended to introduce the student to the critical thinking foundations of scientific research, including developing a research proposal, formulating testable hypotheses, collecting reliable and valid data, and preparing written reports of the experimental findings. Critical thinking is intended to cultivate problem-solving skills, nurture the spirit of inquiry, and encourage individualized learning. The elective is designed to encourage expansion of knowledge and self-directed learning, essential components of the scientific research method. Also emphasized are writing and presenting skills necessary for reporting research results, important for interactions with the scientific community.

RESEARCH AREAS

- Alzheimer's Disease
- Alzheimer's Disease and Brain Metabolism
- Alzheimer Gene Therapy
- Alzheimer's Immunotherapy
- Brain Tumor Animal Modeling
- Chronic Metal Neurotoxicity – Lead, Manganese
- Gene Therapy and Stem Cell Therapy to Treat Cerebral Ischemia and Spinal Cord Injury
- Introduction to Basic and Translation Research Methods in CNS Tumors
- Models of Neuroinflammation
- Molecular Mechanisms Underlying Cerebral Ischemia and Spinal Cord Injury
- Nervous System Tumors
- Neural Stem Cells (Radial Glia)
- Pain Perception: Nociceptors
- Pluripotent Stem Cells
- Role of Transient Receptor Potential TRP Ion Channels in Prostate Cancer

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

1. Write a research proposal
2. Conduct research project
3. Write a report of the research
4. Prepare a manuscript for potential submission to a refereed medical journal.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Periodic conferences to assess progress and discuss problem areas
2. Writing of research proposal
3. Conducting the research project
4. Written report of research project
5. Professionalism
6. Standard evaluation form

Department of Dermatology

Chair: Allan Campbell, M.D.

Schedule Change Authorizations:
Maria Heathcoat (mph007@uic.edu)

M4 DERMATOLOGY (ELEC 602)			Course Director Dr. Allan Campbell 309-360-9345 dermpath@uic.edu
Address Maria Heathcoat Dept. of Pathology	Phone 309-671-8482	Prerequisites None	Location TBD by course director
Dates Available January-October	Dates Not Available November/December	Duration in Weeks 2	Hours/Week 20-30 hours/week
Lectures/Seminars 2 per week	Lab Yes: Dermatopathologist	Outpatient Yes	Inpatient Varies
House Staff No	Night Call No	Weekends No	No. of Students 1 student

NARRATIVE DESCRIPTION

This dermatology elective is designed to provide a basic knowledge of the common skin lesions seen in practice. Students will learn how to perform a thorough skin examination, identify physical exam findings that determine improvement or deterioration in a dermatosis and wound healing. They will also gain knowledge in the approach to and management of common dermatologic conditions seen in ambulatory settings. They will also recognize and learn the skills need to counsel and instruct patients and their families on the cause, management and prevention of the common skin conditions.

The students will be expected to complete the American Academy of Dermatology (AAD) online core curriculum. This is a comprehensive resource composed of 18 modules covering a broad range of dermatologic disease with additional features. Each module and its brief exam component would take approximately one hour to complete. These modules also include videos of various procedures including biopsy techniques, pathology form completion etc.

The students will spend time with faculty dermatologists and the Family Practice Dermatology Clinic in Peoria or Bloomington, as arranged for each rotation. Opportunities will also be available for the students to work with faculty dermatopathologists and discuss clinical pathologic correlations on skin biopsies. Each student will be required to prepare a case presentation on a dermatologic disorder with a brief review of the related literature. The presentation would be both written and oral.

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

1. Perform a thorough skin examination (including hair, nails, and mucous membranes)
2. Describe the skin lesions using precise dermatologic language
3. Formulate a differential diagnosis based on the morphology of the skin lesions
4. Recognize and diagnose life threatening dermatosis and identify the available therapeutic options for these life threatening dermatosis
5. Discuss the indications and contraindicates to perform the various biopsy techniques

METHOD OF EVALUATION

M4 standardized evaluation form completed by attending faculty based on the participation in clinic, completion of the AAD online core curriculum and case presentation.

REQUIRED READING

AAD Core Curriculum: www.aad.org/education/medical-student-core-curriculum

Recommended readings:

- Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology
- DermAtlas by John Hopkins
- DermPath Tutor: University of Iowa

Department of Emergency Medicine

Chair: Timothy Schaefer, M.D.

Schedule Change Authorizations:

Advanced Emergency Medicine

Christie Perry (cperry09@uic.edu)

Clinical Simulation Elective

Elizabeth Holzwarth (Elizabeth.M.Holzwarth@jumpsimulation.org)

ADVANCED EMERGENCY MEDICINE (ELEC 603)			Course Director Andrew Vincent, D.O.
Address SFMC	Phone 309-655-6998	Prerequisites Completion of M3 Year	Location SFMC E.D.
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 40-48
Lectures/Seminars 5 Hours Weekly & 4 hours of didactics	Lab No	Outpatient 100%	Inpatient No
House Staff Yes	Night Call Night Shift (3)	Weekends Yes (2/4)	No. of Students 3 UICOMP 3 Visiting Students

NARRATIVE DESCRIPTION

Students who rotate through the Emergency Department assume intern level responsibility for patient care. They perform the primary evaluation for non-critical patients and assist in the management of critical patients. They work all shifts and are expected to participate in weekly didactic conferences. Additionally, there are two 2-hour didactic teaching sessions specifically for medical students during the month. There is a textbook for this rotation that you will need to check out from the UICOM-P library. It is: ***An Introduction to Clinical Emergency Medicine – Guide for Practitioners in the ED*** by S.V. Madadevan and Gus M. Garmel. There are several of these available for students taking this rotation.

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

1. Evaluate and initiate treatment for emergency department patients.
2. Demonstrate proficiency in selected E.D. procedures.
3. Describe an approach to, a differential diagnosis for, and a management plan for 11 common E.D. problems.
4. Demonstrate effective communication skills with patients and their families, nursing and E.D. staff, physicians, and other hospital or EMS personnel.
5. Complete EPIC electronic medical record course, and document patient data.
6. Demonstrate a fund of knowledge level commensurate with M4 level.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Final exam testing knowledge of specific written learning objectives (approximately 1/3 of grade).
2. Direct observation of clinical skills by faculty and senior residents (approximately 1/3 of grade).
3. Participation in weekly conference is mandatory. Attendance is taken.
4. The student must complete a course evaluation.
5. A midpoint evaluation will be given for each student.
6. In addition to verbal feedback given throughout the rotation, the Standard Clinical Evaluation Form will be completed by the Course Director following the monthly Departmental Clinical Competence Committee attended by all faculty in the E.D.

REQUIRED READING

1. Internet Based Curriculum – Blackboard
2. Assigned weekly readings

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

Student must contact Christie Perry at (309) 655-6998 or cperry09@uic.edu at least 4-7 days before the start of the elective to receive assignment.

CLINICAL SIMULATION (ELEC 272)			Course Director John Vozenilek, M.D.
Address 1306 N. Berkeley Ave. Peoria, IL	Phone 309-308-9578	Prerequisites Completion of M3 Year	Location Jump Trading Simulation & Education Center
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 20-30
Lectures/Seminars 1 per week	Lab Simulation and Innovations	Outpatient Non-clinical	Inpatient Non-clinical
House Staff No	Night Call No	Weekends No	No. of Students 4

NARRATIVE DESCRIPTION

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.

Department of Family & Community Medicine

Chair: Thomas Golemon, M.D.

Schedule Change Authorizations:

Jodi Frasure (jfrasure@uic.edu)

Family Medicine – Maternal/Newborn (ELEC 194)			Course Director Amy Zacharias, MD
Address Family Medical Center 815 Main Street, Suite B Peoria, IL 61602	Phone (309) 672-4593	Prerequisites Completion of M3 Year	Location UPH/UICOMP FM Residency
Dates Available Only available per direct request	Dates Not Available Block I	Duration in Weeks 2 or 4	Hours/Week 40 – 60
Lectures/Seminars Yes	Lab Yes	Outpatient No	Inpatient Yes
House Staff UPH	Night Call No	Weekends No	No. of Students A maximum of 1 student per any Family Medicine elective per month

NARRATIVE DESCRIPTION:

This 4-week Family Medicine elective will expose the student to the prenatal, intrapartum, postpartum, and first outpatient follow-up care. The focus of care will include the mother, fetus and newborn. The inpatient experience will occur at UnityPoint Health Methodist through the Family Medicine Residency MNPS. The student will work with family physicians and residents delivering maternal-fetal-newborn care.

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

1. Diagnose pregnancy after evaluating historical, physical exam, and laboratory data obtained from a female patient.
2. Identify and interpret the routine and specialized laboratory and imaging testing necessary to fully evaluate the pregnant patient throughout each stage of pregnancy.
3. Identify and apply appropriate management strategies to care for the pregnant patient.
4. Apply knowledge of pregnancy care to provide appropriate patient education to the pregnant patient.
5. Recognize the stages of labor.
6. Evaluate the patient in labor based on history, physical exam, and appropriate testing.
7. Describe obstetrical risk factors and recognize those factors in a pregnant patient.
8. Recognize the appropriate time to obtain consultation for the management of a high risk pregnant patient.
9. Perform a normal vaginal delivery.
10. Assist in forceps, vacuum, and Caesarean deliveries.
11. Evaluate and assess the newborn immediately postpartum and in the nursery.
12. Communicate with and educate the parents about the care of their newborn.
13. Evaluate the postpartum patient at her first outpatient follow-up visit.
14. Evaluate the infant at his/her first outpatient follow-up visit.
15. Employ techniques to promote family bonding after delivery.
16. Educate patients and family to initiate and maintain breastfeeding if that is the preferred feeding method for their newborn).

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

1. The Standard Clinical Evaluation Form.
2. Daily observation.

REQUIRED READING:

As assigned

IMPLEMENTATION:

Students will spend most of their elective on the MNPS service.

Family Medicine – UICOMP/UPH (ELEC 814.2)			Course Director Amy Zacharias, MD
Address Family Medical Center 815 Main Street, Suite B Peoria, IL 61602	Phone (309) 672-4593	Prerequisites Completion of M3 Year	Location UPH/UICOMP FM Residency
Dates Available Only available per direct request	Dates Not Available Block I	Duration in Weeks 4	Hours/Week 40 - 50
Lectures/Seminars Yes	Lab Yes	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call Yes	Weekends Yes	No. of Students A maximum of 1 student per any Family Medicine elective per month

NARRATIVE DESCRIPTION:

This elective will provide outpatient experience at the University of Illinois College of Medicine at Peoria Residency in Family Medicine at the UnityPoint Clinic Family Medical Center. Inpatient experience may be arranged, if desired. A focus on ambulatory OB is available at outside clinics.

Ambulatory Family Medicine may be performed in outpatient settings:

1. Family Medical Center - model ambulatory care center for the residency
2. Havana OB Clinic, Havana, Illinois
3. Carver Clinic, Peoria, Illinois

Students will participate in night time and weekend call for care of urgent or emergency problems along with the Family Medicine resident on call. Inpatient experience is available on the Family Medicine Service at the Methodist Medical Center. The student will work with residents rotating on this service and an attending faculty physician.

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

1. Appropriately manage common problems seen in an ambulatory setting.
2. Appropriately manage common problems seen by the family physician in the inpatient setting.
3. Recognize the diversity of patient care responsibilities in Family Medicine.
4. Understand the principles of family medicine and their application to clinical practice.

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

1. Faculty assessment of history taking and physical examination skills.
2. Assessment of ability to interpret laboratory and radiographic data.
3. Assessment of the ability to form an appropriate problem list and treatment plan.
4. Observation of interpersonal skills and patient visits.
5. Review of verbal and dictated comments made by the student regarding patient encounters.
6. Standard Clinical Evaluation Form.

Family Medicine – Sub-Internship (ELEC 873)			Course Director Amy Zacharias, MD
Address Family Medical Center 815 Main Street, Suite B Peoria, IL 61602	Phone (309) 672-4593	Prerequisites Completion of M3 Year	Location UPH/UICOMP. Selected community sites are utilized in the RSPP only
Dates Available Only available per direct request	Dates Not Available Block I	Duration in Weeks 4	Hours/Week 50 - 60
Lectures/Seminars Select Sites	Lab Yes	Outpatient Yes	Inpatient Yes
House Staff Only at UPH/UICOMP Site	Night Call No	Weekends No	No. of Students A maximum of 1 student per any Family Medicine elective per month

A combined maximum number of 8 students will be accepted across all four sub-internships. Initial approval for a sub-internship must be cleared with Loni Wenzel, M4 Coordinator, in Academic Affairs prior to approval at the departmental level.

NARRATIVE DESCRIPTION:

The goal of this elective is to provide an educational experience where medical students will have direct responsibility for patient care including patient education and disease prevention. Although there is a component of outpatient family medicine, this rotation is designed mainly to prepare the student for inpatient care during their internship. Students will act as “surrogate interns” during the rotation. This will help them broaden their knowledge, learn to accept responsibility and improve their professional and interpersonal skills. Except for RSPP students who have the option of completing their sub-internship at the RSPP site, the sub-internship is only offered at the Family Medicine Residency.

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

1. Actively take responsibility for assigned patients.
2. Perform a comprehensive, yet pertinent history and physical.
3. Develop a comprehensive assessment of the patient’s presenting problem.
4. Develop a plan for the patient’s care which includes admit orders.
5. Formulate an evidence-based, cost efficient and ethical management strategy.
6. Write, dictate or electronically enter outpatient progress notes and admission history and physical documents.
7. Follow the patient in the office or hospital, write pertinent notes, update problem lists, and monitor lab, imaging and other diagnostic results.
8. Develop a “whole person” approach to patient care that focuses on the patient’s physical, emotional, psychological and spiritual health.
9. Demonstrate good interpersonal skills.
10. Employ skills as a member of the health care team.
11. Describe the common problems in Family Medicine and the various diagnostic and therapeutic interventions.
12. Describe the influences and importance of the family, community, occupation and psychological factors on patient care.
13. Identify appropriate times for specialty consultation and referral and arrange for that consultation.
14. Perform common office-based diagnostic and therapeutic procedures.

METHOD OF EVALUATION:

The preceptor will provide ongoing, constructive evaluation and feedback of the student’s competence in taking accurate histories, performing directed examinations, making assessments, forming and following appropriate plans, and building good relationships with the patients and their families.

The faculty will base their evaluation on:

1. Daily observation.
2. The Standard Clinical Evaluation Form.
3. Sub-internship OSCE.

RECOMMENDED READING:

Sloane, PD, etal. Essentials of Family Medicine, 6th edition, Wolters Kluwer Health, 2011

INTERNATIONAL FAMILY MEDICINE (ELEC 824.5)			Course Director Amy Zacharias, MD
Address Family Medical Center 815 Main Street, Suite B Peoria, IL 61602	Phone (309) 672-4593	Prerequisites International Elective Organization on Blackboard required; Completion of M3 year; *Approval of site by Department Chair	Location Varies – all in other countries
Dates Available All year	Dates Not Available n/a	Duration in Weeks 4-8	Hours/Week 40 - 50
Lectures/Seminars Varies by site	Lab Varies by site	Outpatient Yes	Inpatient Varies by site
House Staff No	Night Call Varies by site	Weekends Varies by site	No. of Students 1 - 2 per site

*The location of this elective should be pre-approved by the Department Chair prior to making any financial commitments.
PLAN EARLY!

NARRATIVE DESCRIPTION:

The physician in international primary care settings is required to function frequently as clinician, teacher, environmentalist and leader of the health care team. Resources are limited, environmental hazards many, and skilled personnel few. Furthermore, mortality and morbidity are often enormous, caused by diseases that are essentially controllable through public health and environmental measures.

Developing nations often lack physicians, and the supportive paramedical disciplines and social resources upon which physicians in the United States depend. Typically, American medical students discover similarities with non-urban U.S. medical practice, where many resources for patient care are not immediately accessible. The lack of services for the emotionally or mentally ill, the blind, the deaf, and other handicaps are problems that must be faced. The medical resourcefulness required to meet community needs and the appreciation of a health structure normally invisible to American physicians can develop in an international primary care preceptorship.

Clinical experiences will cover the spectrum of semitropical or tropical medical practice, in which acute illness and the care of children and women are dominant.

This is an elective and cannot be substituted for the required clerkship in family medicine.

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

1. Have gained perspectives on allocating scarce medical resources and setting priorities.
2. Realize the value of preventative medicine and public health interventions in international health.
3. Develop skills appropriate for use in any small town setting.
4. Recognize the importance of teamwork in health care delivery, particularly in international primary care health settings.
5. Experience the unique problems of tropical medicine and common health problems in a different culture.

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

1. Verbal and written presentations of the student.
2. Technical procedures.
3. Case discussions.
4. Interactions between student and patients.
5. Standard Clinical Evaluation Form.

Department of Internal Medicine

Chair: James Graumlich, M.D.

Schedule Change Authorizations:

Amber Asher (amberma@uic.edu)

CARDIOVASCULAR DISEASES (ELEC 608.1)			Course Director Sudhir Mungee, M.D.
Address Heartcare Midwest 5405 N. Knoxville	Phone 309-691-4410	Prerequisites M3 Medicine Clerkship	Location SFMC
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week Varies
Lectures/Seminars Yes	Lab Possible	Outpatient 20% or less	Inpatient 80% or more
House Staff Yes	Night Call Infrequent	Weekends Yes, one	No. of Students 2

NARRATIVE DESCRIPTION

Students will have the opportunity of participating in the evaluation of select adult patients with cardiovascular disease in the hospital setting. The student will work with a resident and attending cardiologist in the initial evaluation, diagnostic work-up and follow-up of these patients. Techniques of physical examination, electrocardiographic monitoring and therapy will be emphasized. Special diagnostic techniques such as echocardiography and cardiac catheterization will be included.

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

1. Cultivate and refine accurate and detailed cardiovascular history and physical examination skills.
2. Develop a diagnostic impression and differential diagnosis based upon history and physical examination.
3. Recognize clinical therapeutics of basic cardiovascular drugs.
4. Formulate a diagnostic and treatment plan.
5. Correlate the results of specialized diagnostic tests with clinical problems.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Daily rounds and student presentations.
2. Standard Clinical Evaluation Form

CRITICAL CARE MEDICINE (ELEC 611)			Course Director Subramanyam Chittivelu, M.D.
Address 1001 Main Street – 200	Phone 309-672-5682	Prerequisites M3 Medicine Clerkship	Location MICU 4 th Floor, Gerlach SFMC
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week Approximately 50
Lectures/Seminars No	Lab No	Outpatient No	Inpatient Yes
House Staff Yes	Night Call Yes, every 8 th night	Weekends Yes, every 3 rd	No. of Students 2

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 management of intravascular devices, hemodynamic monitoring, mechanical ventilation, techniques of nutritional support and evaluation of ongoing sepsis.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Interactive rounds with assigned residents and attending staff.
2. Standard Clinical Evaluation Form

GASTROENTEROLOGY (ELEC 614)			Course Director Imran L. Balouch, M.D.
Address 5105 N. Glen Park Place	Phone 309-308-5900	Prerequisites Completion of M3 Year	Location OSF Medical Group Gastroenterology
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 30-40
Lectures/Seminars Yes	Lab No	Outpatient Yes, by arrangement	Inpatient Yes
House Staff Yes (residents and fellows)	Night Call No	Weekends No	No. of Students 2

NARRATIVE DESCRIPTION

This is an inpatient with elective outpatient experience in clinical gastroenterology in a single specialty OSF practice staffed by seven full-time physicians with specialty interests in interventional endoscopy, hepatology, inflammatory bowel disease, and general gastroenterology. Both inpatient and outpatient services are supported by gastroenterology fellows, full-time nurse specialists (APN) and physician assistants (PA). The elective is predominantly an inpatient experience with GI attending physicians on weekly rotation. There is an optional outpatient experience available on request with special arrangement. An internal medicine GI hospitalist has weekday accountability for the clinical and educational activities. The practice operates on a patient-centered basis, focused on assuring patient autonomy, evidence based medicine, strong communication among providers, patients and families. Open access to Internet healthcare resources are used to provide patient education and foster the goals of high quality care. The scope of the practice includes general gastroenterology with basic endoscopic procedures, hepatology, interventional endoscopy (ERCP & EUS) with special interest in inflammatory bowel disease, motility & chronic viral hepatitis.

Most mornings start with interactive didactic series paralleling the fellowship structure which students are encouraged to attend and participate. These include Case Conferences, M&M, Journal clubs and IBD focused case conferences, Gastrointestinal Cancer Conference (GICC) and GI pathology. Additionally participation at the GI fellowship core curriculum and board review is encouraged as well. After the AM conferences the attending physicians are focused on diagnostic and therapeutic endoscopy procedures which students are welcome to observe. Clinical rounds are initiated by the inpatient care team at OSF-SFMC with staffing later in the day by the on call attending. Afternoon office sessions involve consultations, continued care of established patients, analysis of clinical information, problem solving and discussion and are available for students on request. A collaborative effort is fostered to create a sense of pride in providing state of the art care in the most personal way. Student involvement is personalized to fit the student's learning goals. The patients' problems represent the broad spectrum of digestive disorders and complexity. The course director provides indirect supervision and teaching. The physician assigned to the inpatient service is the faculty member responsible for clinical supervision and clinical teaching. Supplemental teaching sessions are provided as time permits.

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

1. Relate the process of effective evidence-based diagnostics and clinical management for basic, common gastrointestinal disorders.
2. Demonstrate the ability to integrate internet healthcare information resources into patient care.
3. Integrate principles of communication and patient autonomy into patient care.
4. Recognize the supervisory role of the physician in effective patient care.
5. Demonstrate approaches to use the electronic medical record in an efficient way using the problem-oriented method and structured templates.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Students will be given daily 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.

GERIATRICS (ELEC 615)			Course Director Larry Lindahl, M.D.
Address 530 N.E. Glen Oak OSF North Building #5679	Phone 309-696-7880	Prerequisites M3 Medicine Clerkship	Location SFMC
Dates Available All Year with Exceptions; Please See "Dates Not Available"	Dates Not Available July 2017, December 2017, April 2018, May 2018	Duration in Weeks 4	Hours/Week 20-25
Lectures/Seminars 5 per week	Lab No	Outpatient Yes	Inpatient Yes
House Staff Possible	Night Call No	Weekends No	No. of Students 1

NARRATIVE DESCRIPTION

Students work one-to-one with the individual assigned geriatric attending and will participate in the evaluation and care of elderly patients in the hospital and ambulatory care setting. In the ambulatory setting the student will perform the appropriate history and physical examination including the mental status exam and identify key management strategies and the importance of an interdisciplinary approach to the care of the geriatric population. In the inpatient setting, the student will perform the appropriate history and physical examination and will formulate plans based on the history and physical examination. The student will also identify some of the key illnesses in the elderly, focusing on some of the atypical presentations of common diseases.

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

1. Describe the functional implications of aging organ systems.
2. Describe the key illnesses in the elderly, focusing on geriatric presentation of common disease processes like urinary tract infection, pneumonia, depression, myocardial infarction and acute abdomen.
3. Demonstrate skills at performing an adequate history from a geriatric patient with special emphasis on physical and mental functioning.
4. Demonstrate skills at performing a mental status examination to evaluate memory loss or confusion in an elderly patient.
5. Practice interdisciplinary approach to management of elderly patients.
6. Demonstrate respect to older patients and make efforts to preserve their dignity.

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.
2. Standard Clinical Evaluation Form.

HEMATOLOGY AND ONCOLOGY (ELEC 804)			Course Director Michael H. Veeder, M.D.
Address 8940 N. Wood Sage Peoria, IL 61615	Phone 309-243-3000	Prerequisites M3 Medicine Clerkship	Location SFMC, MMCI
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 30-40
Lectures/Seminars No	Lab Yes	Outpatient Yes	Inpatient Yes (optional)
House Staff 1 Resident	Night Call No	Weekends No	No. of Students 1

NARRATIVE DESCRIPTION

The student will evaluate and assist in the management and treatment of patients admitted with hematologic or oncologic diseases. Only selected cases will be assigned to the medical student to assure there will be adequate time for reading and thoughtful evaluation. 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, but a significant amount of the student's time will be spent in the office. 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 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.
2. Standard Clinical Evaluation Form.

INFECTIOUS DISEASES (ELEC 617)			Course Director Rone Lin, M.D.
Address 530 N.E. Glen Oak	Phone 309-655-7483	Prerequisites M3 Medicine Clerkship	Location 530 N.E. Glen Oak
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call No	Weekends No	No. of Students 2

NARRATIVE DESCRIPTION

Students will work on a one-to-one basis with the infectious disease specialist assigned to teaching infectious disease consult service. They are expected to learn about the pathophysiology of infectious disease, differential diagnosis and principles of antimicrobial therapy. They will gain knowledge of infectious disease problems by bedside teaching, lectures, and conferences. There will be an opportunity to see a broad spectrum of clinical problems including common community-acquired infections, AIDS, nosocomial infections and infections related to immunosuppression, surgery (+/- pregnancy).

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.
- Each week, students will participate in an 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.

STUDENT'S EXPECTATIONS:

1. Present their findings, both written and oral, to the attending each day for review and feedback.
2. Round on each of their consults daily until discharge or signoff and write progress notes in the medical record.
3. Will be supervised by attending on their work on a daily basis and obtain daily feedback on student's performance.
4. Attend weekly lectures and conference in accordance with Internal Medicine conferences for the Residents
5. Give one brief (15 min) talk during the course of rotation about a patient or a problem that they encountered, with particular emphasis on practicing evidence-based medicine and in understanding basic science and physiology as it applies to a clinical problem (Journal club/article review).

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Daily contact with the infectious disease attending physician during rounds, lectures, and conferences.
2. Standard Clinical Evaluation Form.
3. Presentation of review/journal article of their interest for students.

M4 INPATIENT HOSPICE HOME (ELEC 334)			Course Director Dr. Olsson
Address 8630 IL-91 Peoria, IL 61615	Phone 309-673-5288	Prerequisites Completion of Core Clerkships	Location Owens Hospice Home
Dates Available All blocks	Dates Not Available None, unless specified by rotation	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient No	Inpatient Yes
House Staff No	Night Call None, unless specified by course director	Weekends Possibly	No. of Students 1

NARRATIVE DESCRIPTION

Students have a brief encounter with the Owens Hospice Home during their M3 internal medical core clerkship. This elective is offered for students who are interested in a more in depth experience with hospice care, particularly inpatient hospice care. The elective will occur at Owens Hospice Home under the guidance of the Medical Staff at Owens, and the student will assist in the care of patients transferred to the home for holistic, interdisciplinary, complex hospice care.

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

1. Patient Care
 - Demonstrate knowledge and a student level of proficiency in evaluation of patients at the end of life, and patients with specific symptom palliation needs
 - Perform a careful and complete history and physical, with emphasis on communication and active listening with the patient and/or his/her family about end-of-life issues such as advance directives and prognosis
 - Develop a treatment plan for patients with common symptoms associated with life-limiting illnesses.
 - Demonstrate knowledge of hospice, including the interdisciplinary meeting, and knowledge in determining a patients' eligibility and appropriateness for hospice referral as well as carrying levels of hospice care, such as General Inpatient versus outpatient, etc.
2. Systems Based Practice
 - Identify the role of hospice in providing excellent care for seriously ill patients while ensuring both patient autonomy and good stewardship of health care resources.
 - Gain proficiency in care planning for complex patients with multiple medical needs.
 - Show awareness of the team approach to health care and identify the utility of each member of the team, particularly in the setting of advanced illness and at the end of life.
 - Describe the indications, roles, timing, and evidence for both hospice and palliative care/medicine involvement.
 - Understand the impact of good palliative care and hospice care on patient satisfaction, hospital mortality, hospital 30 day readmissions, and ED visits.
3. Practice Based Learning
 - Utilize available resources to assist in making both timely and appropriate diagnostic management decisions.
 - Discuss outcomes of patient management plans with the attending physician.
 - Evaluate and target areas for self-improvement.
 - Demonstrate awareness of medical literature and content relevant to the field of hospice care and palliative medicine.
4. Professionalism
 - Explain why skilled communication, empathy, and excellent pain and symptom management are critically important to performing excellent holistic medical care.
 - Identify the role of a physician as it pertains to advanced care planning and goals of care discussion with patients with advanced disease.
 - Demonstrate respect and compassion for all patients, as well as other caregivers and hospice staff.

5. Interpersonal Skills and Communication
 - Develop and utilize effective strategies to establish rapport, assess understanding and communicate an advanced care plan.
 - Identify and respond appropriately to anger, fear, grief, and denial as well as other blocks to effective communication by addressing concerns on both the intellectual and emotional planes.
 - Determine goals of care through in depth discussion with patients and family members.
6. Medical Knowledge
 - Apply basic medicine concepts learned in the third and fourth year to complex medical scenarios.
 - Identify common side effects and problems of a range of medications in elderly and end of life populations, particularly regarding benzodiazepines, opioids, and antipsychotics as well as various medications that may cause delirium.
 - Identify critical areas of knowledge of hospice and palliative medicine as it will pertain to each field of practice, including pain and symptom management and communication skills.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Direct observation.

REQUIRED READING

1. To be assigned by course director

INTERN PREPAREDNESS (ELEC 258)			Course Director Matt Mischler, M.D., Meenakshy Aiyer, M.D., Francis McBee-Orzulak, M.D., Thomas Lee, M.D., Sara Kryzaniak, M.D., Harleena Kendhari, M.D., Richard Anderson, M.D., Steven Tsoraides, M.D.
Address 530 N.E. Glen Oak SF NB #5638	Phone 309-655-7733	Prerequisites Completion of the M3 Year	Location Jump Trading Simulation and Education Center
Dates Available X(a) only	Dates Not Available	Duration in Weeks 2	Hours/Week 40
Lectures/Seminars Daily	Lab Simulations	Outpatient No	Inpatient No
House Staff Yes	Night Call No	Weekends No	No. of Students Required for all students

NARRATIVE DESCRIPTION:

This is a mandatory, two week clinical skills course (i.e. bedside manner, sign out and transfer of care, admission and discharge preparation, medication reconciliation etc.) designed to prepare the student for residency. Both general and discipline specific instruction will be provided. The goal of the course is to provide a framework that allows the student to “hit the ground running” in residency with a skillset that is applicable regardless of institution or field of training. The course will employ didactic instruction, small group discussion, role modeling and role playing, procedural technique instruction and standardized patient encounters with real time feedback on student performance.

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

1. Identify common problems for which an intern will be the first contact and develop a framework for triaging and cross-covering.
2. Describe strategies for transitions of care.
3. Describe appropriate use of healthcare resources as they relate to the health care system as a whole.
4. Define diagnosis and management of common medical topics relevant to every intern, and as they relate to residency of choice.
5. Demonstrate medication reconciliation using simulated patient cases for admission and discharge.
6. Display knowledge of indications, contraindications, and techniques for common procedures as they relate to the residency of choice.
7. Perform intern-level history and physical exams on simulated patients, with construction of progress notes and H&P's following patient interaction.
8. Demonstrate advanced communication techniques in breaking bad news, disclosing a medical error, communicating with ancillary staff, etc.
9. Demonstrate familiarity with principles of ACLS in the bedside management of decompensating patients.
10. Display intern-level skill in simulated transitions of care.
11. Delineate strategies and techniques for time management and efficiency.
12. Identify the importance of communication skills as they relate to patient safety and outcomes.
13. Identify the importance of transitions of care as they relate to patient outcomes and safety.
14. Display qualities of a humanistic physician in simulated patient and family encounters.
15. Describe the impact of unprofessional behavior on the patient-physician and patient-ancillary staff relationship.
16. Identify key aspects of professionalism as they apply to resident physicians.

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

1. Competency-based checklists and Entrustable Professional Activity Assessments.
2. Direct observation and video-recording.

REQUIRED READING:

To be assigned by course directors.

INTERNATIONAL MEDICINE (ELEC 824.1)			Course Director Susan Cole, M.D.
Address Proctor Prof. Bldg. #107 5401 N. Knoxville	Phone 309-691-2311	Prerequisites Completion of M3 Year & International Orientation Series	Location Africa
Dates Available	Dates Not Available	Duration in Weeks 4-8	Hours/Week 40-50
Lectures/Seminars Yes	Lab Clinical, Infectious Disease	Outpatient Yes (50%)	Inpatient Yes (50%)
House Staff No	Night Call Yes Every 3 rd night	Weekends Yes Every other weekend	No. of Students 1-2 per trip

NARRATIVE DESCRIPTION

International health experience creates a powerful impact on the overall professional education and career goals of medical students. It allows one to experience clinical medicine, appreciate differing cultures, gain personal insight, and be connected with a community.

In an international primary care setting, the physician works with a health care team to deliver care to the community. Physicians deal with limited resources, environmental hazards and few ancillary staff. Disease is rapidly causing increased morbidity and mortality of disease that could be controlled by public health and community awareness.

The clinical experience will cover a kaleidoscope of medicine, with acute and chronic illness of all ages and sexes.

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

1. Understand the value of preventive medicine and public health interventions.
2. Gain an understanding on how to allocate scarce medical resources and setting priorities.
3. Develop an understanding of differing cultures.
4. Recognize the importance of teamwork in an international health care setting.
5. Experience interesting cases indigenous to the region.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Case discussion.
2. Verbal and written history and physical presentations.
3. Technical procedures.
4. Interpersonal skill between student and patient, student and ancillary staff, student and faculty.
5. Standard Clinical Evaluation Form.

REQUIRED READING

Must reference CDC for current immunization information – <http://www.cdc.com>

INTERNATIONAL MEDICINE (ELEC 824.2)			Course Director Susan Cole, M.D.
Address Proctor Prof. Bldg. #107 5401 N. Knoxville & UICOMP #B327	Phone 309-691-2311 309-671-3412	Prerequisites Completion of M3 Year & International Orientation Series	Location Any site (excluding Africa, Haiti, India)
Dates Available	Dates Not Available	Duration in Weeks 4-8	Hours/Week 40-50
Lectures/Seminars Varies	Lab Varies	Outpatient Yes (50%)	Inpatient Yes (50%)
House Staff No	Night Call Yes Every 3 rd night	Weekends Yes Every other weekend	No. of Students 1-2 per trip

NARRATIVE DESCRIPTION

International health experience creates a powerful impact on the overall professional education and career goals of medical students. It allows one to experience clinical medicine, appreciate differing cultures, gain personal insight, and be connected with a community.

In an international primary care setting, the physician works with a health care team to deliver care to the community. Physicians deal with limited resources, environmental hazards and few ancillary staff. Disease is rapidly causing increased morbidity and mortality of disease that could be controlled by public health and community awareness.

The clinical experience will cover a kaleidoscope of medicine, with acute and chronic illness of all ages and sexes.

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

1. Understand the value of preventive medicine and public health interventions.
2. Gain an understanding on how to allocate scarce medical resources and setting priorities.
3. Develop an understanding of differing cultures.
4. Recognize the importance of teamwork in an international health care setting.
5. Experience interesting cases indigenous to the region.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Case discussion.
2. Verbal and written history and physical presentations.
3. Technical procedures.
4. Interpersonal skill between student and patient, student and ancillary staff, student and faculty.
5. Standard Clinical Evaluation Form.

REQUIRED READING

Must reference CDC for current immunization information – <http://www.cdc.com>

INTERNATIONAL MEDICINE (ELEC 824.3)			Course Director Susan Cole, M.D.
Address Proctor Prof. Bldg. #107 5401 N. Knoxville	Phone 309-691-2311	Prerequisites Completion of M3 Year & International Orientation Series	Location Haiti
Dates Available	Dates Not Available	Duration in Weeks 4-8	Hours/Week 40-50
Lectures/Seminars Varies	Lab Varies	Outpatient Yes (50%)	Inpatient Yes (50%)
House Staff No	Night Call Yes Every 3 rd night	Weekends Yes Every other weekend	No. of Students 1-2 per trip

NARRATIVE DESCRIPTION

International health experience creates a powerful impact on the overall professional education and career goals of medical students. It allows one to experience clinical medicine, appreciate differing cultures, gain personal insight, and be connected with a community.

In an international primary care setting, the physician works with a health care team to deliver care to the community. Physicians deal with limited resources, environmental hazards and few ancillary staff. Disease is rapidly causing increased morbidity and mortality of disease that could be controlled by public health and community awareness.

The clinical experience will cover a kaleidoscope of medicine, with acute and chronic illness of all ages and sexes.

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

1. Understand the value of preventive medicine and public health interventions.
2. Gain an understanding on how to allocate scarce medical resources and setting priorities.
3. Develop an understanding of differing cultures.
4. Recognize the importance of teamwork in an international health care setting.
5. Experience interesting cases indigenous to the region.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Case discussion.
2. Verbal and written history and physical presentations.
3. Technical procedures.
4. Interpersonal skill between student and patient, student and ancillary staff, student and faculty.
5. Standard Clinical Evaluation Form.

REQUIRED READING

Must reference CDC for current immunization information – <http://www.cdc.com>

INTERNATIONAL MEDICINE (ELEC 824.4)			Course Director Susan Cole, M.D. Meenakshy Aiyer, M.D.
Address Proctor Prof. Bldg. #107 5401 N. Knoxville & UICOMP	Phone 309-691-2311 309-671-8407	Prerequisites Completion of M3 Year & International Orientation Series	Location India
Dates Available	Dates Not Available	Duration in Weeks 4-8	Hours/Week Variable
Lectures/Seminars Yes	Lab Clinical, Infectious Disease	Outpatient Yes (variable)	Inpatient Yes (variable)
House Staff No	Night Call Yes	Weekends Yes Every other weekend	No. of Students 1-2 per trip

NARRATIVE DESCRIPTION

International health experience creates a powerful impact on the overall professional education and career goals of medical students. It allows one to experience clinical medicine, appreciate differing cultures, gain personal insight, and be connected with a community.

In an international primary care setting, the physician works with a health care team to deliver care to the community. Physicians deal with limited resources, environmental hazards and few ancillary staff. Disease is rapidly causing increased morbidity and mortality of disease that could be controlled by public health and community awareness.

The clinical experience will cover a kaleidoscope of medicine, with acute and chronic illness of all ages and sexes.

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

1. Identify the role of preventive medicine and public health interventions in primary care.
2. Recognize the approach to diagnosis and management of common tropical illnesses.
3. Recognize the role of teamwork in an international health care setting.
4. Develop an understanding of the effect of culture on medical practices in other countries.
5. Develop an understanding of medical economics and allocation of medical resources in developing countries.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Case discussion.
2. Verbal and written history and physical presentations.
3. Technical procedures.
4. Interpersonal skill between student and patient, student and ancillary staff, student and faculty.
5. Standard Clinical Evaluation Form.

REQUIRED READING

Must reference CDC for current immunization information – <http://www.cdc.com>

MEDICINE SUB-INTERNSHIP (ELEC 899)			Course Director Matthew Mischler, M.D. Course Co-Directors Manajyoti Yadav, M.D. Saurabh Bansal, M.D.
Address 530 N.E. Glen Oak Avenue Peoria, Illinois 61637 Department of Internal Medicine, North Building SFNB #5683	Phone 309-655-7733	Prerequisites Completion of M3 Clerkships	Location OSF SFMC Hospital Peoria Illinois
Dates Available All year (July – June)	Dates Not Available Block X due to Intern Prep Course	Duration in Weeks 4 weeks	Hours/Week Variable (usually 40-60hrs per week)
Lectures/Seminars Yes	Lab None	Outpatient experience None	Inpatient Yes
House Staff Yes (work with senior IM or M/P resident)	Night Call Yes 5 consecutive nights from 7pm-7am during the 2 nd or 3 rd week	Weekends Yes (3-4 weekend days per 4 weeks)	No. of Students 4

A combined maximum number of 8 students will be accepted across all four sub-internships. Initial approval for a sub-internship must be cleared with Amber Asher, M4 Coordinator, in Academic Affairs prior to approval at the departmental level.

NARRATIVE DESCRIPTION

The goal of the Medicine Sub-internship is to provide an educational experience where medical students will have direct responsibility for patient care (evaluation/assessment/notes/orders/presentation/consults/handoff) including patient education/prevention. This rotation will help fourth year medical students develop skills to practice and function at a level of Medicine Intern in an inpatient setting. It will also help the students critically utilize principles of evidence-based medicine in their daily management of patients.

During this rotation student will act as “surrogate interns.” This will help them to broaden their knowledge, learn to accept progressive responsibility and improve clinical reasoning and decision-making. This will also help them develop their professional and interpersonal skills. Student will also attend daily didactic lectures such as morning report, noon conferences and grand rounds per Internal Medicine residency schedule.

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

1. Dictate or type the history and physical examination (a minimum of 3-4 new admissions per week).
2. Assess and design a basic medical management plan for the admitted patient.
3. Write admit orders after initial evaluation of the patient.
4. Follow assigned patients, write daily progress notes, update problem lists and follow up on labs, x-rays, and other diagnostic tests ordered (no more than five patients per day).
5. Discuss their clinical reasoning skills and therapeutic strategies.
6. Present cases at Management Rounds, Morning Report and Teaching Rounds.
7. Demonstrate understanding of their patients' situations by discussing the various psychosocial, economic, religious and ethnic backgrounds of patients that underlie their belief and convictions. Engage in direct one-on-one relationships with patients that will enable them to deal with complex issues of individual patients.
8. Actively work with social services to coordinate discharge planning.
9. Demonstrate interpersonal skills and skills as a member of the health care team.
10. Describe the common problems in Internal Medicine and be able to understand the various diagnostic and therapeutic interventions.
11. Assess and formulate a plan for the following common clinical situations: hypertension, diabetes mellitus, congestive heart failure, chronic obstructive pulmonary disease, abdominal pain, chest pain, shortness of breath, cellulitis.

DAILY RESPONSIBILITIES

- The sub-I should be able to carry 3-5 patients at a time by the end of their rotation
- The sub-I student is responsible for generating a full H and P as well as a daily SOAP note on the patients they are following
- The sub-I student is expected to arrive in the morning to receive check-in from night float on his/her patients, and to pre-round prior to morning attending rounds.
- Student responsible for being present during check out to check out their patients to the cross covering resident team.
- Sub-I student is responsible for presentation of their patients at the bedside. They are expected to call consulting physicians to request a consult with the assistance of their senior resident.
- Sub-I student is expected to take late call with their team once per week. During their call day student is expected to admit patients with their assigned team and generate a full H&P and present to the attending on call.
- Sub-I student is responsible for discharging their patients in conjunction with the senior resident, including medication reconciliation and arrangements of follow-up.
- Sub-I student is responsible for generating a discharge summary into the patient record for practice. A separate discharge summary will still need to be done by the discharging team
- Sub-I student is responsible for communicating with their patients, patient's families, nurses, ancillary staff, and other providers about the day to day needs and action plans of their patients
- Sub-I student is responsible for beginning discharge planning from admission, speaking with the discharge planner and case management, and assisting in the process of obtaining the resources and referrals needed for a safe discharge.
- Sub-I student is responsible for contacting the PCP at discharge with the supervision of their senior resident to inform them of the follow-up plans.
- Sub-I student is expected to participate fully in family meetings, end of life and code discussions, and emergent bedside management of their patients when needed.
- Sub-I student will complete the Proficiency Checklist for the month with clinical skills observed or witnessed by the senior resident or the attending.

DAYS OFF

- The student will receive a total of 3 days off over the first three weeks of the rotation, averaging one per week. The last week of the rotation is a 5 day week with the last weekend off for the student. The student is allowed one "extra" day for educational activities, taking boards, residency interviews etc. This must be cleared and approved by the Sub-I director.

DIDACTICS

- Sub-I student is expected to attend and participate in morning report daily, as well as noon conferences daily and grand rounds every Wednesday.
- The sub-I will have conference time about 4 hours per week for didactic sessions, including simulation, professor rounds, and small group discussion. This will take the sub-intern away from the wards for roughly 2-3hours at a time on a given afternoon.

METHOD OF EVALUATION: Preceptors will provide ongoing, constructive evaluation and feedback of the student's competence in taking accurate histories, performing directed examinations, making assessments, forming appropriate plans, and building good relationships with patients and their families. Student will also be evaluated on professionalism and good interpersonal skills. Preceptors who work with the assigned student will also fill out a standardized evaluation form and send it to the Sub-I director for review. This will eventually get released and send to student for review. Faculty will base their evaluation on:

1. Daily observation of the student during rotation.
2. Feedback by the assigned resident(s) and attending physicians.
3. Sub-internship OSCE.

NEPHROLOGY (ELEC 621)			Course Director Anthony Horinek, M.D.
Address 200 Pennsylvania – 212 Peoria, IL	Phone 309-624-8314	Prerequisites M3 Medicine Clerkship	Location SFMC
Dates Available All Year	Dates Not Available n/a	Duration in Weeks <i>4 Minimum</i> <i>No 2-week rotations</i>	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient Optional	Inpatient Yes
House Staff Yes	Night Call No	Weekends Saturday	No. of Students 2

NARRATIVE DESCRIPTION

Students will evaluate and assist with the management of all patients admitted to or seen in consultation by the Nephrology service. There will be opportunities for observation of hemodialysis and renal biopsy, clinical discussion of nephrological diseases. Students will attend renal and dialysis conferences. Opportunity to observe outpatient office practice is available (optional).

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

1. Describe the basic concepts of renal pathology, i.e., proliferative, membranous changes, interstitial abnormalities, etc., and relate them to clinical presentations.
2. Recognize the basis of the various renal diagnostic tests as well as their indications and complications.
3. Evaluate and properly manage a patient with acute and chronic renal failure.
4. Identify pathogenesis and treatment program for the complications of uremia.
5. Explain the principles and basic clinical concepts of peritoneal dialysis and hemodialysis.
6. Evaluate and manage a patient with nephrotic syndrome.
7. Diagnose and treat fluid and electrolyte and acid-base disorders.
8. Describe the principles of renal stone formation and develop a plan of evaluation and treatment of renolithiasis.
9. Identify the use of commonly used drugs in patients with chronic renal disease.
10. Evaluate and treat hypertension.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Qualitative evaluation by the attending nephrologist during and after the rotation.
2. Standard Clinical Evaluation Form.

NOTE

Notification of interested students/residents for a rotation in Nephrology must be received at least one month in advance. In emergency situations, which I understand do occur, we will need at least two-week notice.

One month rotations are the minimum. It is too difficult when a student breaks up their block into two segments of two weeks each.

PALLIATIVE CARE (ELEC 294)			Course Director Dr. Kamell Dr. Martin
Address 530 N.E. Glen Oak Peoria, IL 61637	Phone 309-655-7257	Prerequisites Completion of core clerkships	Location SFMC
Dates Available All	Dates Not Available None, unless specified by rotation	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars Yes	Lab Yes	Outpatient No	Inpatient Yes
House Staff Yes	Night Call No	Weekends No currently	No. of Students 1

NARRATIVE DESCRIPTION

Students have a brief encounter with palliative care and hospice during their Internal Medicine Core Clerkship in the 3rd year, but receive no other structured exposure or in depth experience in their medical school career prior to residency. The tenets of palliative medicine as a specialty extend to every residency program, and physicians in all fields of practice may have interactions that require knowledge of palliative care principles. The goal of this M4 elective is to provide a more in depth survey of palliative medicine and the role that a physician as part of an interdisciplinary team can play in the health and well-being of a patient with advanced illness. A student on this rotation will gain a more thorough understanding of the tenets of palliative care through hands on instruction and active participation in a busy inpatient palliative care service.

1. Patient Care

- Assess patient and families' understanding of their situation, diagnoses, and prognosis, and utilize effective strategies to communicate these.
- Determine and describe appropriate goal-based options available to various seriously ill patients, and assist families in coming to a decision.
- Assess decision making capacity, and roles of HCDPOA agents and proxies in medical decision-making
- Perform a multidimensional evaluation of various pain syndromes and propose reasonable and appropriate multimodal pain treatment for each.
- Perform a thorough symptom assessment in seriously ill patients, to include dyspnea, nausea, agitation, delirium, insomnia and other common issues, and propose a reasonable treatment plan for each.

2. Systems Based Practice

- Identify the role of hospice and palliative medicine in providing excellent care for seriously ill patients while ensuring both patient autonomy and good stewardship of health care resources.
- Gain proficiency in discharge planning of complex patients with multiple medical needs
- Show awareness of the team approach to health care and identify the utility of each member of the team, particularly in the setting of advanced illness
- Describe the indications, roles, timing, and evidence for both hospice and palliative care/medicine involvement.

3. Practice Based Learning

- Discuss up to date palliative medicine topics as they pertain broadly to patient care
- Demonstrate awareness of medical literature and content relevant to the field of palliative medicine

4. Professionalism

- Explain why skilled communication, empathy, and excellent pain and symptom management are critically important to performing excellent holistic medical care.
- Identify the role of a physician as it pertains to advanced care planning and goals of care discussion with patients with advanced disease

5. Interpersonal Skills and Communication

- Develop and utilize effective strategies to establish rapport, assess understanding and communicate difficult information including bad news.
- Identify and respond appropriately to anger, fear, grief and denial as well as other blocks to effective communication by addressing concerns on both the intellectual and emotional planes.
- Determine goals of care through in depth discussion with patients and family members

- Liaison between services as a member of the palliative care team in order to balance the needs of the patient and family with the goals of the care teams
 - Communicate with other consultants and primary inpatient teams
6. Medical Knowledge
- Apply basic medicine concepts learned in third and fourth year to complex medical scenarios
 - Identify common side effects and problems of a range of medications in elderly populations, particularly regarding benzodiazepines, opioids, and antipsychotics as well as various medications that may cause delirium.
 - Identify critical areas of knowledge of palliative medicine as it will pertain to each field of practice, including pain and symptom management and communication skills

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Direct observation

REQUIRED READING/ASSIGNMENTS:

To be assigned by the course director

PULMONARY MEDICINE – SAINT FRANCIS MEDICAL CENTER (ELEC 625)			Course Director Subramanyam Chittivelu, M.D. Kishore Karamchandani, M.D.
Address 1001 Main St., Suite 200 900 Main St., Suite 630	Phone 309-672-5682 309-672-4433	Prerequisites M3 Medicine Clerkship	Location SFMC Unity Point Methodist/Proctor
Dates Available All year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 45
Lectures/Seminars Yes	Lab No	Outpatient Some	Inpatient Yes
House Staff Yes	Night Call No	Weekends No	No. of Students 2 per site at OSF 1 per site at Unity Point

NARRATIVE DESCRIPTION

The student will work closely with the pulmonary medicine internist and, when available, the resident on the pulmonary service. The student will take an active role in the evaluation and management of patients 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. Demonstrate ventilator management and hemodynamic monitoring.
3. Recognize pulmonary physiology and arterial blood gas analysis.
4. Identify the various modalities of respiratory therapy.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Review of histories and physical examinations done by the student.
2. Daily contact with the pulmonary physician.
3. Standard Clinical Evaluation Form.

SURVEY OF MEDICAL INFORMATICS (ELEC 156)			Course Directors Carmen Howard, MSLS Emily Johnson, MLIS Deborah Lauseng, AMLS
Address 1 Illini Drive Peoria, IL	Phone 309-671-8490	Prerequisites Completion of M2 Year Passing of Step One Exam	Location UICOM Peoria, IL
Dates Available All year except Block VII(b) and Block XI(b)	Dates Not Available Block VII(b) Block XI(b)	Duration in Weeks 2	Hours/Week 25-30
Lectures/Seminars Yes - online	Lab Yes - online	Outpatient No	Inpatient No
House Staff No	Night Call No	Weekends No	No. of Students 3 per 2-week session <i>Visiting Students:</i> 1 per 2 week session if available. No visiting students Nov-Jan No visiting students July-Sept

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 hands-on exercises. Assessment mechanisms include quizzes and written assignments (short essays). 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 medical records, government systems, 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 and assignments.

REQUIRED READING

Readings are available on Blackboard Course site

Department of Medicine-Pediatrics

Program Director: Francis McBee-Orzulak, M.D.

Schedule Change Authorizations:

Lyn Roth (lynapa@uic.edu)

COMMUNITY BASED MEDICINE-PEDIATRICS (ELEC 800.1)			Course Director Francis J. McBee-Orzulak, M.D.
Address Peoria, IL Washington, IL Canton, IL LaSalle/Peru, IL Chillicothe, IL East Peoria, IL	Phone 309-655-3863	Prerequisites M3 Combined Medicine & Pediatrics Clerkships	Location Varies
Dates Available Anytime except December and dependent upon preceptor availability	Dates Not Available -Variable depending on preceptor availability -Not available in December	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars No	Lab No	Outpatient Yes	Inpatient Can be arranged
House Staff No	Night Call Available but not routine	Weekends Variable	No. of Students 1

NARRATIVE DESCRIPTION

The student will work with med/peds physicians in Central Illinois. The student will participate in the practice of general internal medicine and pediatrics. If desired, an inpatient experience can be arranged.

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

1. Apply knowledge of internal medicine and pediatrics to patients with common outpatient presentations.
2. Describe how an office practice is run, including: office management and patient flow, triage, phone-call patient management, CPR procedure diagnosis and coding, and billing practices.
3. Describe the role of a med-peds physician within primary healthcare.

METHOD OF EVALUATION The faculty will base their evaluation on:

Standard Clinical Evaluation Form

REQUIRED READING

As dictated by patient problems, readings will be selected from:

Harrison's Principles of Internal Medicine or *Cecil's Essentials of Medicine*,
Nelson's Essentials of Pediatrics.

SUMMER CAMP FOR KIDS WITH DIABETES (ELEC 860)			Course Director Brian Bostwick, M.D.
Address 4-H Memorial Camp SFMC	Phone 309-655-3863	Prerequisites Successful completion of 2 of the following: Pediatrics, Internal Medicine, or Family Medicine clerkships	Location Allerton Park Monticello, Illinois
Dates Available Block Ib	Dates Not Available All other blocks	Duration in Weeks 2	Hours/Week 60-70
Lectures/Seminars Yes	Lab Clinical lab work	Outpatient 100%	Inpatient None
House Staff Yes	Night Call Yes	Weekends Yes	No. of Students 6-8 females 6-8 males

NARRATIVE DESCRIPTION

Camp Granada is a week-long summer camp for kids ages 8 - 16 who have diabetes. Active participation in all camp activities will give each medical student valuable first hand experiences in the acute and chronic management of insulin-dependent diabetes, with emphasis on interplay between physical activity, diet, and insulin dosage. Close supervision by a competent and experienced medical staff provides the background for a variety of recreational and educational activities for campers during the week.

The two-week rotation for qualified medical students consists of one week of orientation and preparation, followed by the week at camp itself (which begins on Saturday). Students are required to attend all scheduled didactic and planning sessions during the week of orientation. Introductory lectures will include Camp Orientation, Medical Concepts of Diabetes Management and Treatment (glucose monitoring, shots, and insulin pumps), Survey of Camp Medical Guidelines, Procedural Skills in Diabetes Management, and Dietetic Concepts of Diabetes Management (food exchanges and carbohydrate counting).

At camp, students will serve as live-in "cabin clinicians" for approximately 150 children with diabetes (6-10 per clinician), providing direct supervision and care to assigned campers in the cabins. The extensive Camp Staff Manual and additional handouts will serve as the text for the course and as a reference while at camp.

Students who wish to take USMLE Step 2 during this elective are encouraged to schedule that examination for the Friday in the first week of the elective.

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

1. Monitor campers' blood sugars on a daily basis.
2. Maintain accurate medical records for each assigned patient.
3. Adjust daily insulin doses.
4. Treat acute medical problems in children with diabetes, including hyper- and hypoglycemia.
5. Provide first aid to campers.
6. Identify the basic principles by which diet, exercise, insulin, and psychosocial issues influence blood sugar control.
7. Communicate effectively in educating patients with a chronic illness.
8. Participate as part of a multidisciplinary healthcare team.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Students will be evaluated by assigned attending physicians based on daily observation of patient care, patient education, collaboration with assigned cabin teams, and medical decision-making.
2. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.

Department of Neurology

Chair: Jorge C. Kattah, M.D.

Schedule Change Authorizations:

David Link-Smith (davidls@uic.edu)

CEREBRAL VASCULAR DISEASE/STROKE ELECTIVE (ELEC 889)			Course Director David Z. Wang, D.O.
Address 530 N.E. Glen Oak	Phone 309-624-3915	Prerequisites Completion of ELEC 635 Neurology	Location OSF SFMC
Dates Available Block II, III, IV, V, VI, VIII, IX	Dates Not Available Blocks I, VII, X, XI	Duration in Weeks 2-4	Hours/Week 40-60
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call 1 night/week	Weekends Optional	No. of Students 1 student

NARRATIVE DESCRIPTION

This elective is designed for students *contemplating a career in neurology or the neurosciences*. The student will both observe and participate in activities encountered within the OSF Stroke Team in the prevention and treatment of stroke and other vascular processes that affect the brain. Problems evaluated may include, but are not limited to, the following: ischemic and hemorrhagic stroke, TIA, cerebral venous disease, cerebral aneurysms/vascular malformations, cerebrovascular arterial stenosis or occlusion and other cerebrovascular diseases.

Annually, approximately 800 cases are managed at OSF St. Francis Medical Center, the major teaching affiliate of this site. The student will attend teaching conferences, stroke rounds and other educational exercises along with members of the house staff.

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

1. Perform a complete neurologic evaluation focusing on cerebral vascular disease.
2. Interpret/discuss radiological, vascular and laboratory studies and the appropriateness of all necessary diagnostic tests.
3. Be familiar with the modalities of the management of, treatment of and therapeutic options for a stroke patient.
4. Have exposure to research and clinical trials.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Conferences between the Course Director and the student to guide student in meeting objectives.
2. Evaluation of performance on discussion of case presentations pertaining to cerebrovascular disease.
3. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student, if warranted.

REQUIRED READING

Readings will be assigned from the most current published stroke therapy guidelines.

MOVEMENT DISORDERS ELECTIVE (ELEC 293)			Course Director Dronacharya Lamichhane, M.D.
Address 100 N.E. Randolph Ave. Peoria, IL	Phone 309-624-4704	Prerequisites Successful completion of M2 Year	Location Movement Disorders Clinic
Dates Available Based on availability; Usually flexible	Dates Not Available n/a	Duration in Weeks 2 weeks	Hours/Week 40
Lectures/Seminars Noon conferences	Lab 2 (1 to 1) discussion with attending physician, student makes presentations	Outpatient 100%	Inpatient
House Staff No	Night Call No	Weekends No	No. of Students 1

Student is allowed one day off per week after approval from attending physician.

NARRATIVE DESCRIPTION

This course introduces students to movement disorders. Students will observe patients with staff physicians, and gain exposure to thorough neurological exam, including movement disorders specific exams and common movement disorders in clinical practice such as Parkinson's disease, tremor, dystonia, etc. These conditions are frequently encountered in various types of practices including family practice. Family physicians are often expected to do initial work up and start management.

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

1. Describe common movement disorder conditions, including relevant pathophysiology, epidemiology and initial management.
2. Perform relevant neurological exam of such patients.
3. Learn when to refer movement disorder patient to the specialists.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Student participation in clinic and lectures.
2. Student technique in performing neurological examination.
3. Student presentation of assigned topic.

REQUIRED READING

1. 2013 American Academy of Neurology *Continuum: Movement disorders* – will be provided to the student at the beginning of the rotation.
2. Examination instruments will be in the exam room.

NEUROLOGY ELECTIVE (ELEC 635)			Course Director Jorge C. Kattah, M.D.
Address SFMC, NB	Phone 309-624-3915	Prerequisites M3 Medicine, Pediatrics, or Psychiatry (any one of the above)	Location OSF SFMC
Dates Available All Blocks except VII	Dates Not Available Block VII	Duration in Weeks 4	Hours/Week 45
Lectures/Seminars Yes	Lab No	Outpatient No	Inpatient Yes
House Staff Yes	Night Call 1 week night 1 weekend shift	Weekends Yes	No. of Students 6 students

NARRATIVE DESCRIPTION

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-up and sign each write-up.
- Standard Clinical Evaluation Form.

NEURO-OPHTHALMOLOGY ELECTIVE (ELEC 240)			Course Director Bahareh Hassanzadeh
Address 530 N.E. Glen Oak	Phone 309-624-3915	Prerequisites Completion of M3 Psychiatry Clerkship	Location Neuro-ophthalmology clinic
Dates Available Based on availability. By request only. Only 1 day absent allowed for 2-week rotation	Dates Not Available Block VII Block XI(a)	Duration in Weeks 2 weeks 4 weeks w/dept. approval	Hours/Week 40
Lectures/Seminars Friday Noon Conference	Lab Give 10 minute presentation	Outpatient 100%	Inpatient
House Staff No	Night Call No	Weekends No	No. of Students 1

Only 1 absent day allowed for 2-week elective. Days off will need to be approved prior to the start of the rotation.

NARRATIVE DESCRIPTION

This course introduces students to neuro-ophthalmology. Students will observe patients with staff physicians, and gain exposure to Humphrey and Goldmann visual fields, optical coherence tomography, fundus photography, and the neuro-ophthalmologic exam.

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

1. Describe common neuro-ophthalmologic conditions, including the pathophysiology, epidemiology and treatment.
2. Perform the neuro-ophthalmologic exam, including visual acuity, colors, fields, extraocular movements.
3. Perform funduscopy, and describe fundus findings of the optic disc, macula, and peripheral retina.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Student participation in clinic and lectures.
2. Student technique in performing the neuro-ophthalmologic examination.
3. Student presentation of assigned topic.

REQUIRED READING

- 2010 American Academy of Neurology *Continuum*: Neuro-ophthalmology. - will be provided to student on first day of rotation.
- Please bring your ophthalmoscope

SLEEP DISORDERS ELECTIVE (ELEC 930)			Course Director Sarah Nath Zallek, M.D.
Address 530 N.E. Glen Oak	Phone 309-624-3915	Prerequisites Completion of ELEC 635 Neurology and pre-approval from course director	Location OSF SFMC INI Sleep Center
Dates Available All except VII	Dates Not Available Block VII	Duration in Weeks 2-4	Hours/Week 40-50
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient No
House Staff No	Night Call *See below	Weekends No	No. of Students 2

**Student will spend one night in sleep lab observing sleep studies, with time off the following day(s).*

*** On a rare occasion, a student will have the opportunity to perform a sleep consultation on an inpatient.*

NARRATIVE DESCRIPTION

This elective is designed for all students. The elective is designed to introduce the student to the field of sleep disorders and allow her/him to understand the basic clinical aspects as well as the impact upon the patient and society in general of the patient with known or suspected sleep disorders. The student will both observe and participate in activities encountered within the evaluation and management of patients with complaints of sleep disorders which may include, but are not limited to the following: sleep apnea, insomnia, nonrestorative sleep, excessive daytime sleepiness, unusual movement or behaviors during sleep, nocturnal seizures and disorders of the sleep/wake schedule.

Annually, the INI Sleep Center conducts approximately 3,000 sleep studies and carries out 7,200 office visits at the OSF Saint Francis Medical Center and the INI Sleep Center - Knoxville. OSF Saint Francis Medical Center is the major teaching affiliate of this site. The student will attend teaching conferences and other educational exercises along with members of the house staff.

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

1. Recognize sleep disorders in children and adults.
2. Perform clinical evaluations (history and physical) and determine differential diagnosis on patient with sleep complaints.
3. Determine diagnostic evaluation for patients with sleep disorders. Interpret basic features of sleep studies and apply interpretations to clinical cases.
4. Discuss the effect known or suspected sleep disorders can have upon the patient, her/his family/friends and society as a whole.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Conferences between the Course Director and the student to guide student in meeting objectives.
2. Evaluation of performance on discussion of case presentations.
3. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student, if warranted.

REQUIRED READING:

Sleep Medicine by Harold R. Smith, Cynthia Comella, and Birgit Hogl. Cambridge University Press, 2008.

Additional readings may be assigned at the beginning of the clerkship.

Department of Neurosurgery

Chair: Daniel Fassett, M.D.

Schedule Change Authorizations:

David Link-Smith (davidls@uic.edu)

NEUROLOGICAL SURGERY (ELEC 694)			Course Director Patrick Tracy, M.D.
Address SFMC	Phone 309-624-3915	Prerequisites Internal Medicine & Surgery	Location SFMC
Dates Available All year <i>(subject to prior approval by faculty)</i>	Dates Not Available n/a	Duration in Weeks 4-8	Hours/Week 40
Lectures/Seminars Discussion	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call Night Float 2-3 times per month	Weekends Yes	No. of Students 6

NARRATIVE DESCRIPTION

The student will be directly involved with the initial evaluation and subsequent treatment of neurosurgical patients. Emphasis will be placed on neurological evaluation and the subsequent laboratory and radiographic investigation. The student will be either an observer or assistant in the operating room and will participate in the emergency care of neurosurgical patients.

The neurosurgery clerk will be expected to scrub on only a very limited number of cases, but will be encouraged to see the pathology on the microscope on a number of cases.

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

1. Be competent in doing a careful neurological-neurosurgical history and physical examination, an anatomical and pathological analysis, and a proposed investigation.
2. Understand the pathophysiology, evaluation and management of patients with intracranial and spinal trauma.
3. Identify the common benign and malignant brain tumors in adults and children and have a basic knowledge of the treatment modalities available.
4. Be able to specifically identify and diagnose the common cervical and lumbar radicular syndromes and outline a diagnostic therapeutic approach in cervical and lumbar radiculopathy.
5. Identify, diagnose and outline the management of the common entrapment syndromes, i.e., carpal tunnel syndrome and neuropathy.
6. Recognize subarachnoid hemorrhage, outline the diagnostic steps in subarachnoid hemorrhage and discuss in basic terms the management of intracranial aneurysms and anomalies.
7. Examine, diagnose and outline the treatment of the common ischemic and hemorrhage brain syndromes and discuss their management.
8. Become knowledgeable concerning requirements for the intraoperative management of spinal and cranial disease in terms of the basic operative experiences.
9. Become familiar with the common English language sources available for investigation of a problem, i.e., the "Journal of Neurosurgery" and "Neurosurgery."

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Written weekly work-ups with care outlines and/or a 10-15 minute PowerPoint presentation at one of the morning conferences will represent 25% of the grade.
2. Performance on daily work rounds with the attendings and residents will represent approximately 50% of the grade.
3. A Shelf test is given at the end of the four week rotation. The scope of the test includes the material presented in the first and second year clinical neuroscience course and will represent 25% of the final grade.
4. Standard Clinical Evaluation Form.

REQUIRED READING

Neurosurgery, An Introductory Text. Peter Black. Oxford University Press, 1995.
Essentials of Neurosurgery. A Guide to Clinical Practice. Marshall B. Allen and Ross Miller. McGraw Hill, 1995.
Neurosurgery. Wilkins, R.H. and Rengachary S.S. (eds). McGraw Hill, 1996. ((More detailed than the first two,
an excellent text to delineate very specific problems.)

Department of Obstetrics & Gynecology

Chair: Stephen Thompson, M.D.

Schedule Change Authorizations:

Laurie Lamb (lauriel@uic.edu)

REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY (ELEC 925)			Course Director Jacek Graczykowski, M.D.
Address 973 Featherstone Rd, Suite 100 Rockford, IL 61107	Phone 309-689-0411	Prerequisites Completion of M3 Year	Location OSF St. Francis in Peoria, IL Reproductive Health and Fertility Center in Rockford, IL
Dates Available Selected months <i>(subject to prior approval of faculty)</i>	Dates Not Available	Duration in Weeks 4	Hours/Week 40
Lectures/Seminars Available	Lab May have opportunity to see embryology & andrology lab work	Outpatient Yes	Inpatient Yes
House Staff Ob/Gyn	Night Call No	Weekends Maybe, but limited	No. of Students 1

NARRATIVE DESCRIPTION

The student will have the opportunity to experience counseling, work-up, patient management decisions and surgical approaches for the infertile couple as well as other reproductive endocrine problems such as polycystic ovary syndrome, endometriosis, and myomas.

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

1. Obtain a comprehensive history and physical from the infertile or reproductive endocrinology patient.
2. Discuss management options for infertility, endometriosis, polycystic ovary disease and other conditions routinely seen by the reproductive endocrinologist.
3. Describe the appropriate use of diagnostic testing in the evaluation of reproductive endocrinology and infertility patients.
4. Describe the pre-operative and post-operative management of surgical patients.

METHOD OF EVALUATION The faculty will base their evaluation on (direct observations will be required):

1. Input from the faculty member and residents
 - Communication with patients
 - Sensitivity to the needs of the patient
 - Willingness to ask for help
 - Motivation and interest in the subspecialty
 - Ability to obtain an appropriate history and physical examination
 - Performance of knowledge base in reproduction endocrinology and infertility
 - Independence in patient management decisions
2. Standard Clinical Evaluation Form. The written evaluation will be discussed with the student.

REQUIRED READING

As dictated by patient problems, readings will be selected from:

*Harrison's Principles of Internal Medicine or Cecil's Essentials of Medicine,
Nelson's Essentials of Pediatrics.*

GYNECOLOGIC ONCOLOGY (ELEC 638)			Course Director Rebecca Byler Dann, M.D.
Address SFMC Occasionally MMCI	Phone 309-624-5592	Prerequisites Completion of M3 Year	Location SFMC Occasionally MMCI
Dates Available Selected months <i>(subject to prior approval of faculty)</i>	Dates Not Available Blocks I & II	Duration in Weeks 4	Hours/Week 54
Lectures/Seminars Available	Lab No	Outpatient Yes	Inpatient Yes
House Staff Ob/Gyn	Night Call No	Weekends Yes	No. of Students 1

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.
6. Performance of adequate oral presentations.
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 (ELEC 637)			Course Director Yolanda Renfro, M.D.
Address 530 N.E. Glen Oak	Phone 309-624-5592	Prerequisites Completion of M3 Year	Location SFMC
Dates Available Selected months <i>(subject to prior approval of faculty)</i>	Dates Not Available Block VI(b) Block VII(a&b)	Duration in Weeks 4	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.
2. Standard Clinical Evaluation Form.

REQUIRED READINGS

As assigned.

Creasy, Robert K. & Resnick, Robert, *Maternal-Fetal Medicine*.

Department of Pathology

Chair: Pushpa Joseph, M.D.

Schedule Change Authorizations:

Maria Heathcoat (mph007@uic.edu)

ANATOMICAL & CLINICAL PATHOLOGY (ELEC 645)			Course Director Katherine A. Kasper, M.D.
Address 221 N. E. Glen Oak	Phone 309-672-4918	Prerequisites None	Location UPH – Methodist - Lab
Dates Available January-October (with prior approval)	Dates Not Available November/December	Duration in Weeks 4 weeks only	Hours/Week 40
Lectures/Seminars No	Lab Yes	Outpatient No	Inpatient Yes
House Staff No	Night Call No	Weekends No	No. of Students 1 student

NARRATIVE DESCRIPTION

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.
4. Presentation at the conclusion of the elective.
3. Standard Clinical Evaluation Form.

REQUIRED READING

None at this time.

FORENSIC PATHOLOGY (ELEC 835)			Course Director J. Scott Denton, M.D.
Address 104 W. Front St. Bloomington, IL ---- 506 E. Seneca Pl. Peoria, IL	Phone 309-888-5210	Prerequisites Completion of M2 Year	Location McLean Co. Coroner's Office Bloomington, IL Peoria Ct. Coroner's Office Peoria, IL
Dates Available Year Round	Dates Not Available n/a	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars No	Lab Morgue Autopsy Work Full Time	Outpatient n/a	Inpatient n/a
House Staff No	Night Call If necessary	Weekends Yes	No. of Students 1 student

NARRATIVE DESCRIPTION

Students will follow a Board Certified Forensic Pathologist through a very busy consultant private practice serving Illinois Coroners in central Illinois. The student will review the investigation of 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 investigations and autopsies. The student will choose one of their autopsies to prepare a final examination report discussing the forensic aspects of the investigation, autopsy, ancillary studies, and determining the cause and manner of death. If appropriate, the student will be given the opportunity to submit the paper as a case report to the Journal of Academic Forensic Pathology.

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

1. Understand how Cause and manner of Death are 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 of 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 on duty that day so that they meet the above objectives.
2. The student will prepare a case report on an interesting case from the first two weeks of their rotation 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 for the student.

REQUIRED READING

Spitz and Fisher Medicolegal Investigation of Death, 4th Ed. Wetli. Atlas of Forensic Pathology
Recommended Reading: At student's discretion and level of interest, can be provided.

NEUROPATHOLOGY (ELEC 767)			Course Director Sarah Martin, M.D.
Address SFMC	Phone 309-671-8482	Prerequisites Completion of M3 Year & Neurology Elective	Location SFMC
Dates Available Blocks V, VI, XI	Dates Not Available Blocks I, II, III, IV, VII, VIII, IX, X	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars Yes (discussion)	Lab Yes	Outpatient No	Inpatient No
House Staff No	Night Call No	Weekends No	No. of Students 1 or more

NARRATIVE DESCRIPTION

This elective is specifically offered for those students who plan to pursue a residency in pathology, neurology, or neurosurgery. During this elective, the student will learn fundamentals of neuropathology. Reading material will be assigned for independent study and didactic sessions and/or discussions about each topic will follow. The student will review surgical as well as autopsy slides of interest and participate in frozen sections and brain autopsies. Participation in a monthly brain cutting conference will enable the student to improve basic neuroanatomy and appreciate clinical correlation. The student will be required to do a PowerPoint presentation on a neuropathology topic of his or her choosing at the end of the rotation. Weekly quizzes and a final exam will help the student gauge his or her progress.

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

1. Describe basic gross anatomy of the nervous system.
2. Distinguish the cellular details of the nervous system on light microscopy.
3. Describe pathological changes that affect the different cells of the nervous system in disease.
4. Describe the pathology of some common lesions of the nervous system, including tumors as well as non-neoplastic disease, e.g., neurodegenerative diseases, demyelinating diseases, infections of the CNS, cerebrovascular diseases, pediatric neuropathology, and diseases of skeletal muscle.
5. Identify the basic special stains, immunostains and molecular tests that are used to aid in neuropathologic diagnosis.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Individual discussions with the student.
2. Observation and daily contact with student.
3. Quizzes, PowerPoint presentation, and final exam.
4. Standard Clinical Evaluation Form.

REQUIRED READING

None at this time.

PRACTICAL GENERAL PATHOLOGY AND NUCLEAR MEDICINE (ELEC 866)			Course Director Jerome Anderson, D.O.
Address McDonough District Hospital Macomb, IL	Phone 309-836-1530	Prerequisites Completion of M2 Year	Location Dept. of Pathology and Nuclear Medicine, McDonough District Hospital Macomb, IL
Dates Available All year (with prior approval)	Dates Not Available n/a	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars No	Lab Yes	Outpatient No	Inpatient No
House Staff No	Night Call No	Weekends No	No. of Students 1

NARRATIVE DESCRIPTION

The student will be given an opportunity to actively participate in the general practice of both anatomic and clinical pathology in a community setting along with general nuclear medicine. Intra-departmental rotations will include surgical pathology, autopsy, cytopathology, clinical chemistry, blood bank, microbiology and medical microscopy. A complete array of in vivo clinical imaging procedures will be available, including nuclear cardiology and planar and tomographic SPECT studies. There will be an opportunity to gain experience in clinical thyroidology, primarily comprised of therapy and management of hyperthyroidism.

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

1. Describe the instrumentation and radionuclides used in contemporary nuclear medicine.
2. Review all nuclear medicine procedures on a daily basis and state indications for each and alternate modalities that might be employed.
3. Participate in the liaison role of the pathologist in assisting the clinician in interpreting laboratory data.
4. Assist in reviewing abnormal laboratory data to include chart reviews where indicated to explain abnormal laboratory findings.
5. Review interesting clinical problems in the different areas of the laboratory as they occur, and be prepared to explain them.
6. Describe the role of radioiodine in the treatment of thyroid disease.
7. Describe the role of the clinical laboratory and nuclear medicine in the evaluation of specific clinical problems.
8. Assess the role of pathologist/nuclear medicine physician in rural community health care.
9. Participate in gross and micro surgical pathology as well as the performance and interpretation of aspiration cytology and bone marrow exams.
10. Present a 15-minute oral presentation on a mutually agreed upon topic in laboratory medicine to the physicians and technical staff of the laboratory (4-week rotations).

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Conference between student and Program Director to establish goals.
2. 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).
3. Conference between student and Program Director at the end of the program to determine success in attaining established goals and potential improvements.

REQUIRED READING

None at this time.

Department of Pediatrics

Chair: Pedro de Alarcón, M.D.

Schedule Change Authorizations:

April Vigneux (avigneux@uic.edu)

INTERNATIONAL MEDICINE – HAITI (ELEC 193) <i>Must have approval from Course Director before adding. NOT AVAILABLE IN OPTIMIZER.</i>			Course Director Harleena Kendhari, M.D.
Address Dept. of Pediatrics Peoria	Phone 309-655-7999	Prerequisites Completion of M3 Year FOTCOH Orientation	Location Cyvadier, Haiti FOTCOH Clinic
Dates Available January March May July September November (if UICOMP Faculty is going)	Dates Not Available Subject to change based on availability	Duration in Weeks 1-2 weeks	Hours/Week 50
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient No
House Staff Yes	Night Call n/a	Weekends Yes	No. of Students 1-2 per trip Based on faculty availability

NARRATIVE DESCRIPTION

The International Elective in Haiti is part of a UICOMP project to provide medical help to the people of Haiti while providing a practical clinical experience to students, residents and faculty in tropical medicine within a challenging clinical environment. In this elective, UICOMP faculty residents and students form a health care team with the Friends of the Children of Haiti (FOTCOH) organization to deliver health care for a specific two week period at the FOTCOH clinic in Cyvadier, Haiti. The team meets prior to the trip for three orientation sessions covering the Haitian geography, culture, language, common illnesses and conditions, and clinical resources.

OBJECTIVES:

Patient Care

- Assist the FOTCOH medical team in caring for Haitian children and adults seen at clinic. This includes, but is not limited to the following:
 - Work in crowd control identifying patients who are to be seen in clinic
 - Work in triage area taking chief complaint and obtaining and recording basic vital signs
 - Work in laboratory and assist in obtaining and analyzing specimens for urinalysis, hemoglobin, pregnancy, blood sugar and HIV
 - Provide basic wound care, scabies treatment and fluoride for clinic patients
 - Work along with a registered pharmacist to prepare medications for treatment of clinic patients
 - Work along with attending physicians in caring for clinic patients

Medical Knowledge

- Gain knowledge in the evaluation, diagnosis and treatment of diseases commonly seen only in developing countries. This includes, but is not limited to the following:
 - Malnutrition
 - Parasitic disease
 - Tuberculosis
 - Worms
 - Fungal infections
 - Lymphatic filariasis

- Gain knowledge in the diagnosis of those diseases common in both developing and developed countries, without the aid of resources available in the developed countries. This includes but is not limited to the following:
 - Hypertension
 - Type II diabetes
 - Asthma
 - Congestive heart failure
 - Sickle cell disease

Systems – Based Practice

- Gain knowledge in practicing evidence based and cost-effective, medicine in an developing country despite economic, cultural, logistic and language barriers
- Gain knowledge in the application of “U.S. medicine” to medical practice in developing countries
- To gain knowledge in determining the best use of medical and economic resources in developing countries

Professionalism

- Work as part of a multidisciplinary healthcare team to provide medical care to the Haitian people
- Interact with patients in a professional and compassionate manner, keeping in mind and respecting cultural and socioeconomic differences

Practice-Based Learning

- Learn to apply principles of caring for patients in developing countries to future practice of medicine in the United States or other developed countries

Interpersonal / Communication

- Learn how to communicate with patient via a translator
- Gain knowledge of a few phrases in Kreole
- Effectively communicate with other team members in order to optimize patient care

METHOD OF EVALUATION Faculty participating in the health care team will evaluate students on:

- Completion of Standard Elective Evaluation Form
 - Observation of clinical skills
 - Observations of patient interactions
 - Observations of health care team collaborations
 - Participation in evening team meetings
- Goals and Reflection pre-post assignments
- Post-trip presentation to peers

REQUIRED READING

- Medical Guidelines for Common Diseases and Illnesses (provided at FOTCOH Orientation)
- Farmer, Paul, Infections and Inequalities: The Modern Plagues or Kidder, Tracy, Mountains Beyond Mountains

More information upon request from Academic Affairs office (309) 671-8407

NEONATOLOGY (ELEC 654)			Course Director James R. Hocker, M.D.
Address SFMC	Phone 309-624-0609 Contact: Deb Willman	Prerequisites Completion of M3 Year	Location SFMC
Dates Available All Year	Dates Not Available	Duration in Weeks 2-4	Hours/Week 80 (including call)
Lectures/Seminars Yes	Lab Yes	Outpatient No	Inpatient Yes
House Staff Yes	Night Call Every 4 th Night	Weekends Yes (50%)	No. of Students 1

NARRATIVE DESCRIPTION

The student will be assigned to the Neonatal Intensive Care Unit under the supervision of a neonatologist, neonatal nurse practitioners and a resident. He/she will gain experience in the management of various problems of newborns and will learn to perform procedures such as endotracheal intubation and umbilical vessel catheter placement. Emphasis will be placed on early recognition of high-risk factors in the perinatal periods as they affect the infant. The student will see and examine other premature and normal newborn infants as part of this experience. The student will be expected to take night call (with a senior resident or nurse practitioner) every 4th night. The student will be treated as the equivalent to a first-year resident.

OBJECTIVES

Competency Areas: PC=Patient Care; SBP=Systems Based Practice; MK= Medical Knowledge; PROF=Professionalism; PBL=Practice Based Learning; ICS=Interpersonal and Communication Skills

1. Recognize newborns requiring subspecialty consultation and/or transfer to a referral center. SBP
2. Students will take part daily in radiology rounds reviewing radiologic imaging of their patients with pediatric radiology attendings and the neonatology team. PBL
3. Students will regularly meet or call parents to listen to their concerns and keep them updated on their child's condition and care plan. ICS
4. Students will coordinate consult services and facilitate discussion among clinician members of the team and the family. ICS
5. Daily notes in the chart clearly documenting patients' progress, diagnostic results and ongoing plan will be completed in order to maintain an accurate medical record and share information among team members. When leaving the rotation, an off-service summary will be prepared and made part of the medical record. ICS
6. List the pieces of equipment necessary for effective neonatal resuscitation. MK PROF SBP
7. Perform a thorough newborn physical exam, including gestational age assessment. MK PROF SBP
8. Effectively interact with a team of multidisciplinary health care providers. MK PROF SBP
9. Effectively communicate with parents of sick newborns. MK PROF SBP
10. Utilize internet and other resources containing up-to-date medical information. MK PROF SBP
11. Recognize newborns requiring subspecialty consultation and/or transfer to a referral center. MK PROF SBP
12. List common causes of neonatal respiratory distress. MK PROF SBP
13. List maternal risk factors for and signs of neonatal sepsis. MK PROF SBP
14. List causes of neonatal seizures. MK PROF SBP
15. Utilize process improvement techniques to continually improve quality/safety of health care delivery. PBL

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Oral presentations.
2. Quality of daily progress notes, history & physicals, and final summaries.
3. Knowledge base, including ability to formulate differential diagnosis and problem-oriented diagnostic and treatment plan.
4. Quality of interaction with parents.
5. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.

REQUIRED READING:

1. Klaus & Faneroff. *Care of the High Risk Neonate*, 4th ed.
2. Additional readings distributed at the beginning of the elective.

PEDIATRIC CARDIOLOGY (ELEC 739)			Course Director Ty Hasselman, M.D.
Address SFMC & Hillcrest #301	Phone Contact: Pam Weber	Prerequisites Completion of M3 Pediatrics Clerkship & Pediatrics Sub- Internship	Location SFMC & Hillcrest #301
Dates Available All Year	Dates Not Available	Duration in Weeks 4	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call No	Weekends No	No. of Students 1

NARRATIVE DESCRIPTION

The student will have the opportunity to examine pediatric outpatients with a variety of congenital and acquired heart conditions. Self-instructional materials will be used to assist the student in learning the principles of cardiac examination, the hemodynamics of certain congenital heart lesions and pediatric electrocardiograms. The student will examine preoperative patients and will observe cardiac catheterizations as part of this experience. The student will engage in some independent study during the course.

OBJECTIVES

Patient Care

1. Attend all outpatient clinics at Pediatric Cardiology Center.

Medical Knowledge

1. Discuss the pathophysiology of the following aspects of the cardiovascular system:
 - Genetics
 - Fetal circulation
 - Pulmonary vascular resistance
 - Hemodynamics
2. Describe the indications, limitations, complications of diagnostic techniques used in the assessment of congenital heart disease.
 - Electrocardiography
 - Echocardiography
 - Cardiac catheterization
3. Broad classification of congenital heart disease
 - Discuss various types of congenital heart disease
 - Recognize potential congenital heart disease
 - Recognize normal vs. abnormal ECG's
 - Be familiar with chest x-ray interpretation as applied to CHD
4. Describe the diagnosis and treatment of the newborn with cyanotic heart disease
 - Define cyanosis
 - Differentiate between cyanosis secondary to cardiac disease vs. pulmonary disease
 - Discuss stabilization of the newborn with cyanotic disease

5. Discuss the diagnosis and treatment of congestive heart failure
6. Discuss the clinical course of the 8 most common congenital heart defects and their surgical intervention.
7. Diagnose and manage dysrhythmias.
8. Diagnose and manage cardiorespiratory emergencies including:
 - Shock
 - Cardiac arrest
 - Pericardial tamponade
9. Diagnosis and appropriate management of endocarditis.
10. Discuss risk factors for cardiovascular disease.
11. Assess cardiovascular fitness.
12. Describe the approach to common cardiac related symptoms.
13. Discuss the clinical aspects, diagnosis, treatment and prevention of rheumatic fever.
14. Discuss the clinical aspects, diagnosis and treatment of Kawasaki disease.

Practice-based learning and improvement

1. Apply medical literature to the evaluation and treatment of the above cardiac-related conditions, including but not limited to:
 - The evaluation of infective endocarditis
 - The decision to treat Kawasaki disease
 - The need for evaluation of heart murmurs in children
 - The need for exercise testing
2. Gain experience with resident and medical student teaching

Interpersonal skills and communication

1. Communicate physical findings and discuss plan for evaluation and treatment with attending pediatric cardiologist.
2. Communicate and interact with pediatric intensive care team, inpatient pediatric team and referring physicians.
3. Communicate effectively with parents and children.

Professionalism

1. Maintain professional appearance by compliance with the resident dress code.
2. Attend and participate in cardiac catheterization conference.
3. Show respect to attending physicians, fellow residents, medical students, ancillary staff and parents / patients.

Systems-based practice

1. Gain experience with appropriate referral and utilization of resources for children with abnormal cardiac findings.
2. Become familiar with the risks / benefits of various cardiac procedures such as catheterization.
3. Gain experience with working as a team with other disciplines (intensive care, rehab, cardiovascular surgery).

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Ongoing critiques of performance on the cardiovascular exam on infants, children and adolescents.
2. Written evaluation developed by the attending pediatric cardiologist.
3. Use of the Standard Clinical Evaluation Form by preceptor and discussion with student.

PEDIATRIC HEMATOLOGY (ELEC 651.1)			Course Director Michael Tarantino, M.D.
Address Bleeding & Clotting Disorders Institute (BCDI) 9128 N. Lindberg Dr. Peoria, IL 61615	Phone 309-692-5337 Contact: Denise Piper	Prerequisites Completion of M3 Internal Medicine or Pediatrics Clerkship	Location Clinic: BCDI and regional outreach clinics Inpatient: SFMC, CHOI, Unity Point Methodist
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 2-4	Hours/Week 50-60
Lectures/Seminars Yes	Lab Yes	Outpatient Yes	Inpatient Yes
House Staff Varies	Night Call Yes	Weekends Yes	No. of Students 1

NARRATIVE DESCRIPTION

During this rotation, the student will have the opportunity to follow patients in both the inpatient and outpatient setting, while under the supervision of a Pediatric Hematologist/Oncologist. The student will become acquainted with the fundamentals of pediatric hematology, with an emphasis on developing a working knowledge of hemostatic and thrombotic diseases. The student will attend weekly conference/meetings, including Pediatric Grand Rounds and outpatient BCDI clinical meetings. Orientation to the BCDI will take place on the first weekday of the rotation. The student will participate in outpatient clinics at the BCDI and/or regional outreach clinics. Additionally, students are encouraged to further study a hematologic topic of their interest, and a brief oral presentation on this topic is requested at the completion of the rotation.

OBJECTIVES

1. To acquaint the senior medical student with the fundamentals of hemostasis, thrombosis, and classical hematology.
2. To acquaint the senior medical student with common and uncommon congenital hemostatic and thrombotic diseases of children/young adults.
3. To acquaint the senior medical student with common and uncommon acquired hemostatic and thrombotic and other nonmalignant diseases of children/young adults.
4. To acquaint the senior medical student with the hematologic manifestations of systemic disease states.
5. To acquaint the senior medical student with therapeutic interventions for thrombotic diseases and coagulation defects.
6. To augment the student's ability to assimilate history, physical exam findings, and laboratory analysis in the evaluation of hemostatic, thrombotic, and nonmalignant disorders.
7. To enhance the student's critical thinking of commonly ordered laboratory testing (such as CBC, coagulation profiles) and specific hemostatic and thrombotic testing.
8. To enhance the student's ability to develop a management plan for pediatric patients with chronic or acute hematologic and thrombotic disorders.
9. To introduce the senior medical student to clinical research.

METHOD OF EVALUATION

Assessment will be made by Drs. Tarantino, Roberts, and/or Madden during clinics, interactions, performance and didactic sessions. The standard M-4 Clinical Evaluation form will be completed.

REQUIRED READING

Selected readings from various medical journals to be provided by the Course Director.

PEDIATRIC HEMATOLOGY/ONCOLOGY (ELEC 651.2)			Course Director Reuben Antony, M.D.
Address SFMC	Phone 309-624-4945 Contact: Kayla Lanning	Prerequisites Completion of M3 Pediatrics Clerkship	Location CHOI
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 2-4	Hours/Week 25-30
Lectures/Seminars Yes	Lab Yes/Optional	Outpatient Yes May include regional outreach clinic	Inpatient Yes
House Staff Not usually	Night Call No	Weekends No/Optional	No. of Students 1

NARRATIVE DESCRIPTION

Under the supervision of the three Pediatric Hematologists/Oncologists, the rotating student will receive an intensive exposure to the principles and practice of clinical hematology and oncology. The student will participate in the general Pediatric Hematology and Oncology Clinics, seeing new patients and selected returning patients, and will follow these patients through during the rotation their diagnosis and/or treatment. The student also will participate in the Hemoglobinopathy Clinic. The student will spend a part of the rotation with the inpatient pediatric hematology/oncology and participate in the evaluation and management of inpatients referred for diagnosis and/or treatment of hematologic and oncologic problems. Clinical laboratory experience in hematology and/or coagulation can be arranged at the option of the student. Bench research laboratory experience through the pediatrics department lab at UICOMP may also be arranged. Every student is encouraged 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.
3. Consulting physicians and health care professionals as needed
4. Maintain comprehensive, timely and legible records.

Professionalism

Includes

1. Completion of appointed patient care duties.
2. Complete and timely documentation in the medical records.
3. Demonstration of compassion and respect for both team members and patients.
4. Respect patient privacy and autonomy.
5. Demonstrate accountability to both patients and team members.
6. Demonstrate sensitivity to diverse cultural backgrounds.

Systems-Based Practice

While providing care for children with hematologic and oncologic disorders, residents are expected to:

1. Work effectively in both inpatient (CHOI) and outpatient (St. Jude Midwest Affiliate Clinic) settings.
2. Coordinate patient care between the two settings by interaction with specialty attendings 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.
3. Knowledge base.

REQUIRED READING:

Students will be directed to suitable text books and papers to read during their rotation.

PEDIATRIC INTENSIVE CARE UNIT (ELEC 689)			Course Director Girish Deshpande, M.D.
Address OSF St. Francis Medical Center Children's Hospital of Illinois	Phone 309-624-0716 Contact: Deanna Klumb	Prerequisites Completion of M3 Pediatrics Clerkship & Pediatric Sub- Internship desirable	Location Pediatric Intensive Care Unit at CHOI OSF SFMC
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 50
Lectures/Seminars Yes	Lab No	Outpatient No	Inpatient Yes
House Staff Yes	Night Call Optional	Weekends Optional	No. of Students 1

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

Objectives	PC	MK	PBL	ISC	PRO	SBP
Familiarize with fluid-electrolytes, metabolic and renal disorders, trauma, nutrition, cardio-respiratory management, infection control	✓	✓	✓			✓
Recognize congenital anomalies presenting in critical care unit & communicate with family	✓	✓		✓		
Recognize isolated and multiple organ system failure & interact with team and family	✓	✓	✓	✓		✓
Perform clinical assessment to formulate management plan for critically ill patient	✓	✓		✓		✓
Familiarize invasive and noninvasive techniques for monitoring and supporting pulmonary, cardiovascular functions	✓	✓	✓			
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	✓	✓	✓	✓	✓	✓
Understand the role of general pediatrician and the intensivist in perioperative management of surgical patients	✓	✓		✓	✓	✓

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.
4. Standard Clinical Elective Evaluation Form.

REQUIRED READING

Selected readings from various medical journals to be provided by the Course Director.

PEDIATRIC SUB-INTERNSHIP (ELEC 875)			Course Director Harleena Kendhari, M.D.
Address SFMC	Phone 309-655-7999	Prerequisites Completion of M3 Year	Location Children's Hospital of Illinois at SFMC
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 60-70 average
Lectures/Seminars Yes	Lab No	Outpatient No	Inpatient Yes
House Staff Yes	Night Call 5 nights of night shift	Weekends Yes	No. of Students 3**

****A combined maximum number of 8 students will be accepted across all four sub-internships. Initial approval for a sub-internship must be cleared with Loni Wenzel, M4 Coordinator, in Academic Affairs prior to approval at the departmental level.**

NARRATIVE DESCRIPTION:

This elective provides a continuation of the required M3 clerkship with increased patient load and clinical responsibility approaching that of an intern. The student will be assigned to one of four teaching services and will be responsible to several attending pediatricians and residents for the care of pediatric inpatients with a variety of problems. The student will attend teaching conferences, patient and family-centered care rounds and other educational exercises along with members of the house staff.

OBJECTIVES: Principles essential to providing patient care as a fourth-year medical student:

1. Taking on primary responsibility for the patient.
2. Focusing histories, physicals, and oral and written communication appropriately.
3. Sharing information effectively with a patient and family.
4. Prioritizing and organizing work effectively.
5. Anticipating what a patient will need during the course of hospitalization (i.e. when they need to be re-examined, when a lab needs to be repeated, when additional therapy is necessary, when additional history needs to be obtained, discharge criteria) and communicating this information effectively in hand-overs.
6. Re-evaluating a patient when you take on their care (i.e. the assessment and plan, as well as the clinical status) and looking further when the clinical picture does not fit.
7. Continuing to think about and re-assess the patient during the course of the day.
8. Coping with uncertainty in patient care issues (i.e. knowing what you know and what you don't know, accessing best resources, and knowing when and how to get help).
9. Functioning as a "team player" with residents, attendings, nurses, ancillary staff and all others involved in the care of the patient.
10. Coordinating the care of your patient during hospitalization and in planning for discharge.

METHOD OF EVALUATION: The faculty and residents will provide day to day feedback if needed and also weekly written formative evaluation/feedback during the course of the elective. A final composite evaluation by the Hospitalists will be then performed which will be based on the student's overall performance including but not limited to the following areas (these are the six core competencies):

1. **Patient care: Provide patient care that is compassionate, appropriate and effective for the treatment of health problems.**
 - Independently collect both focused and comprehensive, developmentally appropriate patient histories and perform the appropriate exam
 - Recognize patients requiring immediate attention by the supervising senior resident or attending physician
 - Synthesize the information to formulate a primary diagnosis and differentials, formulate an appropriate problem list.
 - Demonstrate family centered approach to patient care.
 - Suggest appropriate tests, modify primary diagnosis based on test results, identify discharge needs
 - Reassess patients continuously, write orders under supervision

2. Medical knowledge:

- Demonstrate knowledge in management of common inpatient pediatric illness including but not limited to: febrile infant, dehydration, failure to thrive, asthma, pneumonia, DKA, seizures, etc.
- Identify criteria for admission to and discharge from the hospital.
- Obtain copies of the inpatient articles and work with your team to present the same
- Evidence based medicine: select a 'PICO' based on a patient seen during the rotation and present at a morning report with your team at the end of the month.

3. Practice based learning: Assimilate scientific evidence and use it to improve patient care practices.

- Demonstrate proper evidence based decisions
- Demonstrate ability to appropriately seek and use available educational resources

4. Systems based practice:

- To become familiar with the roles of different health care professionals and supporting staff and their contributions in caring for the patient and/or patient population
- Recognize, address, and work to prevent errors and near-misses
- Identify medical needs, arrange follow up care.

5. Professionalism:

- Demonstrate personal accountability towards patients, colleagues and staff, demonstrate punctuality
- Demonstrate a humanistic, family-centered approach to the care of each patient, provide culturally effective care.

6. Communication and Interpersonal skills:

- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Demonstrate relationship building skills
- Provide education and patient instructions to patients and families using layman terms without medical jargon
- Include the family in the decision making process to the extent they desire
- Explain to patients and families about patient and family centered rounds
- Communicate patient information accurately to the team in a timely manner
- Convey concise, pertinent information during hand-offs

The student will also be evaluated based on their performance in the OSCE which is done separately. The rotation evaluation does not include OSCE performance.

More information about the new COMSEP curriculum can be obtained by visiting:

<http://www.comsep.org/Curriculum/pdfs/COMSEP-APPDF.pdf>

Department of Physical & Rehabilitation Medicine

Chair: Lisa Snyder, M.D.

Schedule Change Authorizations:

Loni Wenzel (loniw@uic.edu)

REHABILITATION MEDICINE (ELEC 658)			Course Director Lisa Snyder, M.D.
Address See Below*	Phone 309-621-4102	Prerequisites Completion of M2 Year	Location See Below*
Dates Available Year round except as noted	Dates Not Available VII(a) & VIII(a)	Duration in Weeks 2 maximum	Hours/Week 40
Lectures/Seminars No	Lab E.M.G. Lab	Outpatient Yes	Inpatient Yes
House Staff No	Night Call No	Weekends No	No. of Students 1 maximum

**INI Physiatry and Acupuncture (formerly OSF IPMR building), 6501 N. Sheridan Rd., Peoria, Illinois 61614. 2359 Broadway, Pekin, Illinois 61554. I.P.M.R., 719 N. Wm Kumpf Blvd, Suite 200, Peoria, Illinois 61605*

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 Psychiatry

Chair: Ryan F. Finkenbine, M.D.

Schedule Change Authorizations:
Maureen Wolfe (maureenw@uic.edu)

SPECIAL STUDIES IN PSYCHIATRY (ELEC 857)			Course Director Timothy J. Bruce, Ph.D.
Address Methodist Atrium Building 900 Main Street, Suite 720 Peoria, IL 61602	Phone Maureen Wolfe 309-671-8395	Prerequisites Completion of M3 Year	Location Unity Point Health- Methodist 221 N.E. Glen Oak Ave. W717
Dates Available Per arrangement	Dates Not Available Per arrangement	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient Possibly	Inpatient Possibly
House Staff Possibly	Night Call Possibly	Weekends Possibly	No. of Students 1 per faculty member

NARRATIVE DESCRIPTION

This elective is designed to provide students an advanced clinical experience with a selected psychiatry faculty member or members. Some electives may also require preparation of a paper, case study, or other scholarly project. To arrange for this elective, students must first complete the following two step pre-approval process: 1) contact a Psychiatry Department faculty member (or members) with whom they would like to work and confirm that the faculty member will supervise them during the elective on the desired dates. 2) Once this agreement has been made, the student should then contact the Department's Education Coordinator (Maureen Wolfe: 309-671-8395, maureenw@uic.edu) and provide a brief written description of the elective. This description should include the course title and elective number, the attending's name(s), and the dates of the elective. Students failing to complete this pre-approval process will not be allowed to participate in the elective.

OBJECTIVES

The overall goal of the elective is to improve the student's clinical skills in the assessment and treatment of psychiatric disorders, over and beyond what was learned in the M-3 Psychiatry Clerkship.

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

1. Conduct comprehensive diagnostic evaluation.
2. Formulate and implement an appropriate treatment plan.
3. Manage ongoing care of patients with psychiatric disorders.
4. Conduct on-call duties (if applicable).

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

1. Ongoing supervision;
2. Formal evaluation of clinical skills using the Standard Clinical Evaluation Form;

REQUIRED READING:

Dependent upon the clinical assignments/research project and student goals.

Department of Radiology

Chair: Sean Meagher, M.D.

Schedule Change Authorizations:

Deanna Silotto (dsilotto@uic.edu)

ADVANCED RADIOLOGY (ELEC 223)			Course Director Thomas J. Cusack, M.D.
Address Dept. of Radiology UICOMP	Phone 309-655-3230	Prerequisites Completion of M3 Year	Location OSF SFMC UICOMP
Dates Available Prior arrangement with course director only	Dates Not Available	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient No	Inpatient No
House Staff No	Night Call No	Weekends No	No. of Students Max of 3

NARRATIVE DESCRIPTION

The Advanced Radiology Elective is for students who are entering the field of Radiology. The students will be required to give a 30-60 minute presentation to only the clerkship director and other interested parties. There will be frequent meetings with the clerkship director, ranging from one to three times a week, to monitor the progress of the student and to offer advice.

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

1. Greatly increase their knowledge of medical imaging in a specific area.
2. Develop skills in gathering medical imaging information from a wide variety of sources and to assimilate it in an orderly fashion.
3. Presentation for critical review.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. The overall effectiveness of their presentations.
2. The effort and persistence of the student in their research efforts.
3. The attendance of the student at the various learning experiences.

REQUIRED READING

This will vary depending upon the area of the students' interest. It will include the extensive availability of Web information, current textbooks of medical imaging, etc.

DIAGNOSTIC RADIOLOGY (ELEC 672)			Course Director Thomas J. Cusack, M.D.
Address Dept. of Radiology UICOMP	Phone 309-655-3230	Prerequisites Completion of M3 Year	Location OSF SFMC UICOMP
Dates Available Blocks I, VI, VIII	Dates Not Available Blocks II, III, IV, V, VII, IX, X, XI	Duration in Weeks 4	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes (Residents and Fellows)	Night Call No	Weekends No	No. of Students Max of 23

NARRATIVE DESCRIPTION

This course provides a broad-based introduction to the world of medical imaging. Students will be required to purchase a textbook (approximately \$60.00). They will be required to read the textbook in its entirety and will be tested on the material in the book as well as lecture content. A series of formal lectures and case presentations will be presented to the students. The students will each be assigned a case that they will need to research and present to the class in Power Point format. The student's grade, to a large part, will be based on tests that will be given during the elective.

Students will be encouraged to attend optional clinical rotations within the Dept. of Radiology at OSF Saint Francis Medical Center: fluoroscopy, plain films, neuroradiology, interventional radiology, nuclear medicine, body imaging, radiation oncology, and pediatric radiology.

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. Written examinations.
2. Evaluation of performance on discussion of case presentations.
3. Attendance required at all lectures unless prior approval obtained.
4. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student, if warranted.

REQUIRED READING

Herring, William *Learning Radiology: Recognizing the Basics*, third edition, Philadelphia, PA: Mosby, Inc., 2015.

INTRODUCTION TO RADIATION ONCOLOGY (ELEC 825)			Course Director James L. McGee, M.D.
Address Dept. of Radiology UICOMP	Phone 309-655-7110	Prerequisites Completion of M2 Year	Location Rad. Oncology OSF SFMC
Dates Available Blocks II, III, IV, VI, VII, VIII, IX, X, XI	Dates Not Available Blocks Ia and Vb	Duration in Weeks 2-4	Hours/Week 8:00-6:00 M 8:00-5:00 T-W 7:00-5:00 Th-F
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient Yes
House Staff No	Night Call No	Weekends No	No. of Students 1

NARRATIVE DESCRIPTION

The course provides a broad-based introduction to oncology. The student will see in-patients on the Saint Francis Oncology Unit and review characteristic tumor gross and microscopic pathology specimens and radiographic case studies. Students will also see outpatient oncology patients in the Radiation Oncology Department at Saint Francis. The elective can be tailored to the student's interests and career plans. .

The student will also attend a series of tumor boards. The student's grade will be based on the student's ability to demonstrate a grasp of the fundamentals of staging of cancer, the appropriate diagnostic work-up for given tumor site, and demonstration of an appreciation of the multi-modality management that should occur in modern cancer therapy.

For the four-week rotation for Radiation Oncology, specific sessions will have required attendance:

1. "Introduction to Radiation Oncology" lecture/videos.
2. "Radiation Biology & Physics" lecture/practicum.
3. "Brachytherapy" lecture/practicum.
4. Radiation treatment planning session/practicum.

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

1. Understand the clinical behavior of common cancers.
2. Describe the multi-modality management of cancer therapy including initial cancer evaluation and ultimate treatment based on the results of staging.
3. Distinguish the fields of surgical, medical, and radiation oncology and their role in common malignancies.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Interaction in the clinical settings between Course Director and student.
2. Attendance at tumor boards.
3. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student, if warranted.
4. Have an appreciation for cancer control methods.

REQUIRED READING

Readings will be tailored to individual student interests and career plans.

VASCULAR AND INTERVENTIONAL RADIOLOGY (OSF SFMC) (ELEC 785.2)			Course Director Terry M. Brady, M.D. James L. Swischuk, M.D.
Address 530 N.E. Glen Oak UICOMP	Phone 309-655-3230	Prerequisites Completion of 6 months of M3 Year	Location OSF SFMC
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars No	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes (Residents and Fellows)	Night Call Optional	Weekends Optional	No. of Students 1-2

NARRATIVE DESCRIPTION

This elective is designed for students *contemplating a career in diagnostic radiology*. The student will both observe and participate in the performance of a variety of vascular and nonvascular interventional radiologic procedures. The pre- and post-procedure care of patients referred to the service will be stressed. Basic normal and abnormal angiographic anatomy will be reviewed.

For a two-week rotation, a maximum of two days will be allowed for interviews. For a four-week rotation, a maximum of four days will be allowed for interviews.

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

Identify which patients are candidates for interventional and/or angiographic procedures and describe the indications, contraindications and potential complications of these procedures.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Conferences between Course Director and the student.
2. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student if warranted.

REQUIRED READING

1. Kadir, S., *Diagnostic Radiology*. Philadelphia, W. B. Saunders, 1986.
2. Wojtowycz, M., *Handbook of Interventional Radiology and Angiography* (2nd ed.). St. Louis: Mosby, 1995.

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)

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.*

ADVANCED COMMUNITY GENERAL SURGERY (ELEC 673.3)			Course Director Trent Proehl, M.D.
Address 150 Lake St. Tremont IL 61568	Phone 309-655-2383	Prerequisites Completion of M3 Year	Location 150 Lake St. Tremont IL 61568
Dates Available All year except Block VII(b)	Dates Not Available VII(b)	Duration in Weeks 4	Hours/Week 40-50
Lectures/Seminars Some	Lab No	Outpatient Yes	Inpatient Yes
House Staff None	Night Call Yes	Weekends Yes	No. of Students 1

NARRATIVE DESCRIPTION

Each student will be assigned to an active general surgical service with the Course Director in Tremont. The student will function in the capacity of an intern as an integral part of the surgical team in the hospital and operating room as well as office outpatient setting. The student will be given some experience in instructing hospital personnel. This clinical course is particularly suitable for developing the surgical skills of those students who plan a career in surgery and are interested in practicing in the community setting.

In addition to office and hospital experience, students are expected to attend and participate in general surgery conferences.

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

1. Demonstrate advanced competence in surgical diagnoses, preoperative care, intra-operative care, and postoperative care.
2. Assume additional responsibility in managing surgical illnesses such as patients with malignancy and infections as well as the more common general surgical conditions encountered in the community setting.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Ongoing observation of performance and informal discussions with student by preceptor.
2. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.

REQUIRED READING:

Sabiston-Townsend: Textbook of Surgery, 17th Edition, 2004; *Lawrence Textbook of Surgery*, 3rd Edition
Additional reading assignments will be made by the Course Director during this elective.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

ADVANCED GENERAL SURGERY (ELEC 673.1)			Course Director James R. DeBord, M.D.
Address Illinois Medical Center 1001 Main St., 3 rd Fl. Peoria, IL 61606	Phone 309-495-0200	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location SFMC & MMCI
Dates Available All year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week Variable
Lectures/Seminars All scheduled conferences	Lab Vascular Laboratory experience	Outpatient Yes	Inpatient Yes
House Staff When available	Night Call Limited Call At Home Availability	Weekends Yes	No. of Students 1

NARRATIVE DESCRIPTION

Each student will be assigned to an active general surgical service. The student will function in the capacity of an intern as an integral part of the surgical team in the hospital and operating room as well as office outpatient setting. The student will gain experience in instructing the M3 students. This clerkship is particularly suitable for developing the surgical skills of those students who plan a career in surgery or are undecided about a career in surgery.

In addition to office and hospital experience, students are expected to attend and participate in weekly general surgery conferences including M&M Conference, Grand Rounds, Trauma Conference, and/or Tumor Conference, Critical Care Conference, GI Conference, and a monthly Vascular Conference.

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

1. Demonstrate advanced competence in surgical diagnoses, preoperative care, intraoperative care, and postoperative care.
2. Assume additional responsibility in managing critical illness.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Ongoing observation of performance and informal discussions with student by preceptor.
2. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.

REQUIRED READING

Reading assignments will be made by Dr. DeBord at the start and during this elective.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

ADVANCED GENERAL SURGERY (ELEC 673.2)			Course Director Gavish Patel, M.D.
Address OSFMG – Surgery 7303 N. Knoxville Peoria, IL 61614	Phone 309-691-4005 Fax: 309-691-6144	Prerequisites Completion of M3 Year	Location SFMC
Dates Available All year except Block I	Dates Not Available Block I	Duration in Weeks 4	Hours/Week 40-50
Lectures/Seminars All scheduled conferences	Lab	Outpatient Yes	Inpatient Yes
House Staff When available	Night Call No	Weekends Yes	No. of Students 2

NARRATIVE DESCRIPTION

Each student will be assigned to an active general surgical service. The student will function in the capacity of an intern as an integral part of the surgical team in the hospital and operating room as well as office outpatient setting. The student will gain experience in instructing the M3 students. This clinical course is particularly suitable for developing the surgical skills of those students who plan a career in surgery or are undecided about a career in surgery.

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

1. Demonstrate advanced competence in surgical diagnoses, preoperative care, intraoperative care, and postoperative care.
2. Assume additional responsibility in managing surgical critical illnesses such as patients with malignancy, severe trauma, and infections, as well as the more common general surgical conditions.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Ongoing observation of performance and informal discussions with student by preceptor.
2. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.

REQUIRED READING

Reading assignments will be made by Dr. Patel during this elective.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

ADVANCED THORACIC SURGERY (ELEC 932)			Course Director Richard C. Anderson, M.D.
Address Illinois Medical Center 1001 Main St., 3 rd Flr. Peoria, IL 61606	Phone 309-495-0200	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location SFMC & MMCI
Dates Available All year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 40-50
Lectures/Seminars All scheduled general surgery conferences	Lab No	Outpatient Yes	Inpatient Yes
House Staff When available	Night Call No	Weekends Yes	No. of Students 1

NARRATIVE DESCRIPTION

Each student will be assigned to the Thoracic Surgery Service. The student will function in the capacity of an intern as an integral part of the surgical team in the hospital and operating room as well as the outpatient setting. The student will gain experience in instructing the M-3 students. This clinical course is particularly suitable for developing surgical skills for those students who plan a career in surgery or are undecided about a career in surgery. In addition to office and hospital experience, students are expected to attend and participate in weekly general surgery conferences including M&M, Grand Rounds, Trauma Conference, Tumor Board, and Critical Care conferences.

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

1. Demonstrate advanced competence in surgical diagnosis, perioperative care, intraoperative care, and postoperative care with a thoracic surgery patient
2. Assume additional responsibility in managing critical care patients with focus on pulmonary function management in thoracic surgery patients.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Observation of the performance
2. Informal discussions with the student by the preceptor
3. Standard Clinical Evaluation Form

REQUIRED READING/INFORMATION

Thoracic Surgery, textbook by Griffith Pearson. Chapter 3, Perioperative Assessment of the Thoracic Surgery Patient, A Surgeon's Viewpoint; Chapter 5, Pulmonary Function Testing, A Practical Approach; Chapter 27, Cancer; Chapter 28, Non-Small Cell Lung Cancer; and Chapter 29, Small Cell Lung Cancer.
Esophageal Surgery, Esophageal Cancer, textbook by Griffith Pearson. Chapter 37, History, Antireflux Surgery.

The course director has the above textbooks.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

ANESTHESIA/PAIN MANAGEMENT (ELEC 795)			Course Director Jocelyn McClain, M.D.
Address Associated Anesthesiologists Scheduling Office OSF 3 rd Floor Gerlach	Phone 309-655-2156 Fax: 309-655-3951	Prerequisites Completion of M3 Year	Location SFMC
Dates Available All year	Dates Not Available n/a	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient Yes
House Staff No	Night Call No	Weekends No	No. of Students 2

***Students must meet with Dr. McClain prior to the start of the rotation for the purpose of planning the rotation**, which must consist of four **consecutive** weeks. Exceptions to the consecutive limitation may be made on an individual basis.

NARRATIVE DESCRIPTION

The course is designed for the student to observe, discuss and participate in all phases of anesthesia within a clinical setting. Responsibilities will be delegated according to the student's demonstrated ability. There will be scheduled times outside of the operating room for pre-anesthesia and post-anesthesia rounds, recovery room care, and conferences. One afternoon a week, max time will be spent in the Pain Management Clinic. The student will acquire knowledge in the evaluation and management of both chronic and acute pain problems as these are handled in a comprehensive pain management clinic. Students will be given a daily participation log to complete.

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

1. Complete a pre-anesthetic evaluation of patient status by making rounds with an anesthesiologist.
2. Observe and participate in anesthesia management of inpatients and outpatients.
3. Perform insertion of intravenous catheters.
4. Perform endotracheal intubations.
5. Recognize indications, contraindications of various drugs used in anesthetic management.
6. Discuss anesthesia record charting in the operating room and recovery room.
7. Observe peripheral nerve block and catheter placement techniques.
8. Observe and discuss management of anesthesia for patients undergoing cardiac, neurosurgical, pediatric, and obstetric procedures.
9. Evaluate and treat both chronic and acute pain problems.

METHOD OF EVALUATION The faculty will base their evaluation on student performance.

1. Final overall evaluation will be made by the Program Director after discussion with faculty.
2. Completion of Standard Clinical Evaluation Form will be done by the Program Director.

REQUIRED READING

Introductory text in anesthesia/pain management by Miller and Stoelting will be provided.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

CARDIOTHORACIC SURGERY (ELEC 697)			Course Director Dale K. Mueller, M.D.
Address Med Park Physicians' Bldg. Suite 202 505 Glen Oak Ave. Peoria, IL 61603	Phone Heartcare Midwest 309-624-4455	Prerequisites Completion of M3 Year	Location SFMC
Dates Available All year	Dates Not Available n/a	Duration in Weeks 2 or 4 weeks	Hours/Week 60
Lectures/Seminars Yes One-on-one discussions	Lab No	Outpatient No	Inpatient Yes
House Staff Variable	Night Call No	Weekends No	No. of Students 2

NARRATIVE DESCRIPTION

This course is available for students who have a particular interest in cardiology and cardiovascular surgery. The emphasis will be on cardiac surgery. The student will be involved in the diagnostic work-up for patients with cardiac surgery. The student will have an opportunity to develop skills in the diagnosis and management of cardiac lesions. The student will participate in surgery and take an active part in both the preoperative and postoperative management of these patients.

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

1. Discuss surgical therapy as it relates to acquired cardiac lesions.
2. Describe pathophysiology and how it relates to the care and management of the patients with congenital cardiac lesions.
3. Describe the anatomy of the heart and its function.
4. Identify techniques of cardiac monitoring that can be used in both the operating room and the cardiac intensive care unit.
5. Understand pharmacological agents that affect cardiac function.
6. Describe a vascular exam and vascular anatomy and pathophysiology

METHOD OF EVALUATION The faculty will base their evaluation on:

1. An ongoing observation of student will be conducted to determine skill level in performing various procedures and management capabilities.
2. Discussion with student and completion of Standard Clinical Evaluation Form by the Program Director.

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.

GI SURGERY (ELEC 946)			Course Director J. Bonello, M.D.
Address Illinois Medical Center 1001 Main St., 3 rd Flr. Peoria, IL 61606	Phone 309-495-0200	Prerequisites Completion of M3 Internal Medicine, Peds, and Surgery Students must fulfill UnityPoint Orientation with Academic Affairs	Location SFMC/MMCI
Dates Available All year	Dates Not Available n/a	Duration in Weeks 2-4	Hours/Week Approximately 40
Lectures/Seminars Yes One-on-one discussions	Lab No	Outpatient Yes	Inpatient Yes
House Staff When available	Night Call Yes (variable)	Weekends Yes (variable)	No. of Students 1

NARRATIVE DESCRIPTION

This course is available to students with a particular interest in surgery. The emphasis will be the GI anatomy, physiology, pathology and surgery. The student will have an opportunity to improve skills in the diagnosis and treatment of GI disease. The student will participate in the surgical procedures and take an active part in the preoperative and postoperative management of patients.

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

1. Refine and increase medical and surgical diagnosis and treatment skills.
2. Demonstrate competency in preoperative, intraoperative and postoperative management of GI surgical patients.
3. Present a GI topic approved by Dr. Bonello.
4. Perform duties as instructed by the attending in charge.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Ongoing observation of student to determine skill level of performing various procedures and management of GI patients.
2. Discussion with student by course director.
3. Completion of Standard Clinical Evaluation Form by course director.

REQUIRED READING

Dr. Bonello will provide pertinent reading references at the start of this course.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

OPHTHALMOLOGY (ELEC 639.1)			Course Director William I. Bond, M.D.
Address 6800 N. Knoxville, Peoria 725 S. 14 th St., Pekin	Phone 309-692-2020	Prerequisites Completion of M3 Year	Location OSF
Dates Available All year except V(a)	Dates Not Available V(a)	Duration in Weeks 2-4	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

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

OPHTHALMOLOGY (ELEC 639.2)			Course Director Evan C. Pike, M.D. Evan Lagouros, M.D.
Address Illinois Eye Center 8921 N. Wood Sage Rd. Peoria, IL 61615	Phone 309-243-2400	Prerequisites Completion of M3 Year	Location Illinois Eye Center
Dates Available All year except VII(b)	Dates Not Available VII(b)	Duration in Weeks 2 or 4	Hours/Week 40
Lectures/Seminars Occasionally	Lab No	Outpatient Yes	Inpatient Few
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 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.

ORTHOPEDIC SURGERY (ELEC 642.1)			Course Director Jeff Akeson, M.D.
Address Midwest Orthopedic Center 6000 N. Allen Rd. Peoria, IL 61615	Phone 309-691-1400	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location SFMC/MMCI
Dates Available All year except VII(b)	Dates Not Available VII(b) (always allow 2 weeks in between students & max of 5 students per year)	Duration in Weeks 2	Hours/Week 50-80
Lectures/Seminars No	Lab No	Outpatient Yes	Inpatient Yes
House Staff Occasional	Night Call 1-2 per week	Weekends 1 or 2	No. of Students 1

NARRATIVE DESCRIPTION

Each student will develop knowledge of specific orthopedic medical conditions and problems and gain experience in the treatment of these conditions and problems. The student will be responsible for assigned "work-ups" on the preceptor's service, especially with regard to the presenting orthopedic condition. Call will be taken, not more than every third night, to ensure adequate experience with trauma problems. Under faculty supervision, the student will perform those procedures (wound closure, reductions, cast applications, etc.), depending upon his or her level of competence. Attendance and participation in clinics and rounds will be expected. At least four to six hours per day will be spent in the preceptor's office.

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

1. Describe indicators of when to refer patients to orthopedics.
2. Describe the anatomy of the musculoskeletal system.
3. Describe the technology used in orthopedic medicine to diagnose common problems.
4. Describe orthopedic management, treatment and reconstruction aspects of common musculoskeletal problems of the hip, knee, shoulder, spinal, and hand.
5. Orally describe the presenting orthopedic condition of patients.
6. Write an accurate and thorough medical record.
7. Describe the management of simple fractures.
8. Describe the basic principles of treatment for acute and chronic musculoskeletal problems.
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 Dr. Akeson will base his evaluation on:

1. Verbal interchange between student and preceptor to assess progress.
2. The student will be evaluated by quality of history and physical examination and technical skills observed by the faculty while on the orthopedic service.
3. Observation of interrelations with professionals and patients.
4. Final evaluation will be a discussion with the student and completion of Standard Clinical Evaluation Form by 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.

ORTHOPEDIC SURGERY - SFMC (ELEC 642.2)			Course Director Steven K. Below, M.D. Mary Elizabeth T. Rashid, M.D. Miguel Ramirez, M.D.
Address Great Plains Orthopedics 303 N. William Kumpf Blvd.	Phone 309-676-5546	Prerequisites Completion of M3 Year	Location SFMC/MMCI
Dates Available All year except as noted	Dates Not Available VII(b)	Duration in Weeks 4	Hours/Week 40
Lectures/Seminars No	Lab No	Outpatient Yes	Inpatient Yes
House Staff No	Night Call No	Weekends No	No. of Students 1

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.
8. Document an accurate and thorough orthopedic medical record.
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

ORTHOPEDIC SURGERY (ELEC 642.3)			Course Director Michael S. Merkley, M.D.
Address Midwest Orthopedic Center 6000 N. Allen Rd. Peoria, IL 61615	Phone 309-691-1400	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location Office, OSF, MMCI
Dates Available All year except VII(b)	Dates Not Available VII(b)	Duration in Weeks 4	Hours/Week 40
Lectures/Seminars No	Lab No	Outpatient Yes	Inpatient Yes
House Staff No	Night Call No	Weekends No	No. of Students 1

NARRATIVE DESCRIPTION

The students' primary responsibility will be in the office, where they will see and evaluate patients with the faculty member. They will also go to surgery with the assigned faculty member on surgery days but will not necessarily be responsible for inpatient care.

Rotation will include experience in orthopedic spinal surgery; hand surgery, and hip, knee and shoulder reconstruction. Attendance and participation in weekly conferences, clinics and rounds will be expected. At least four to six hours per day will be spent in the preceptor's office.

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

1. Describe indicators of when to refer patients to orthopedics.
2. Describe the anatomy of the musculoskeletal system.
3. Describe the technology used in orthopedic medicine to diagnose common problems.
4. Describe orthopedic management, treatment and reconstruction aspects of common musculoskeletal problems of the hip, knee, shoulder, spinal, and hand.
5. Orally describe the presenting orthopedic condition of patients.
6. Write an accurate and thorough medical record.
7. Describe the management of simple fractures.
8. Describe the basic principles of treatment for acute and chronic musculoskeletal problems.
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. The student will be evaluated by quality of oral and written work-ups of patients and technical skills observed by the faculty while on the orthopedic service.
2. Discussion with student and completion of Standard Clinical Evaluation Form by 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.

ORTHOPEDIC SURGERY (with special emphasis on sports medicine) (ELEC 859)			Course Director Michael J. Gibbons, M.D.
Address Midwest Orthopedic Center 6000 N. Allen Rd. Peoria, IL 61615	Phone 309-691-1400	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location Office, OSF, MMCI – Field of Athletics
Dates Available All year except VII(b)	Dates Not Available VII(b)	Duration in Weeks 4	Hours/Week 40 average
Lectures/Seminars No	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call No	Weekends No	No. of Students 1

NARRATIVE DESCRIPTION

The elective course emphasizes outpatient orthopedic care with a special emphasis on sports medicine. The student will assist in the diagnosis and management of sports-related injuries. The patient population consists of high school, collegiate, professional, and recreational athletes.

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

1. Evaluate acute musculoskeletal problems of the knee, ankle/foot, and shoulder (other body parts as able). If available to follow other providers who are willing to allow student to participate.
2. Demonstrate an understanding of a therapeutic exercise rehabilitation program to address sport-related injury of above.
3. Demonstrate an understanding of management of simple fractures and the appropriate casting, splinting, or bracing (if available).

METHOD OF EVALUATION The faculty will base their evaluation on:

1. The student will be evaluated by quality of oral and written work-ups of patients and technical skills observed by the preceptor.
2. Discussion with student and completion of Standard Clinical Evaluation Form by 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.

OTOLARYNGOLOGY (ELEC 643.1)			Course Director Ryan Hendricker, M.D. James Hertenstein, M.D. Michael Gootee, M.D.
Address Midwest Ear, Nose, & Throat Assoc. 8600 N. Route 91, Ste. 300 Peoria, IL 61615	Phone 309-691-6616 Fax: 309-691-2943	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location Office, OSF, MMCI
Dates Available By Director Approval	Dates Not Available	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars One-on-one	Lab No	Outpatient Yes	Inpatient Yes
House Staff No	Night Call No	Weekends As needed	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

This otolaryngology/head and neck surgery course is designed for students who have an interest in all aspects of head and neck surgery/otolaryngology. The rotation in otolaryngology allows the student, in many instances, to see the patient in the office before surgery, assist with the surgery and evaluate the patient post-operatively.

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

1. Describe head and neck anatomy and physiology.
2. Recognize common otologic abnormalities and physical findings.
3. Perform a head and neck exam including indirect laryngoscopy.
4. Discuss hearing and inner ear evaluation with the services available from the three Masters' level audiologists.
5. Improve the knowledge of radiological interpretation of head and neck CT and MRI scanning, as well as other radiographic modalities.
6. Improve the surgical skills in the head and neck area.
7. Identify and understand common pharmacologic agents used in the treatment of head and neck disorders.
8. Develop management skills in the treatment of the pediatric otolaryngology patients.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Ongoing discussion and observation of the knowledge and skill level of the students as it relates to otolaryngology/head and neck surgery.
2. Continued discussion and question regarding anatomy of the head and neck which is considered essential.
3. Frequent references and discussion on the textbook.
4. Completion of Standard Clinical Evaluation Form by preceptor.

REQUIRED READING

Otolaryngology Head and Neck Surgery by DeWeese and Saunders
(specifically written for third- and fourth-year medical students)

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

OTOLARYNGOLOGY (ELEC 643.2)			Course Director James Geraghty, M.D.
Address Peoria Ear, Nose, & Throat 7301 N. Knoxville Peoria, IL 61614	Phone 309-589-5900	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location SFMC, MMCI, Proctor
Dates Available All year except as noted	Dates Not Available VII(b)	Duration in Weeks 2-4	Hours/Week 40
Lectures/Seminars No	Lab No	Outpatient Yes	Inpatient Minimal
House Staff No	Night Call Optional	Weekends Optional	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 is designed to introduce the student to the field of otolaryngology and allow him/her to understand the basic clinical and pathologic conditions treated by this specialty. It will be conducted under the supervision of attending otolaryngologists in the office, hospital, and operating rooms of Saint Francis, Methodist and Proctor Hospitals.

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

1. Identify the physical diagnosis of ears, nose and throat.
2. Treat common infectious diseases of the ears, nose, and throat.
3. Recognize the problems of hearing loss, both diagnosis and treatment, in the child and the adult.
4. Identify the histopathology and clinical science of neoplasms of the sinuses, nose, oral cavity, pharynx, and larynx, and describe the need for rehabilitation following laryngeal surgery.
5. Perform a basic diagnosis and treatment of traumatic and congenital disorders of the head and neck.
6. Recognize an indication for referral to otolaryngology care.
7. Preview this field in order to make career decisions.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Discussion between student and preceptor will be conducted to guide student in meeting objectives.
2. A continuous assessment of student's performance will be conducted by preceptor.
3. Discussion with student at the completion of the rotation and final overall evaluation will be conducted with completion of Standard Clinical Evaluation Form by preceptor.

RECOMMENDED READING

1. *Expert Guide to Otolaryngology*; K. Calhoun
2. *Essential Otolaryngology*; KJ Lee
3. *Cumming's Otolaryngology: Head & Neck Surgery*; Cumming's, etal.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

PEDIATRIC SURGERY (ELEC 657)			Course Director Richard Pearl, M.D. Charles Aprahamian, M.D.
Address 420 N.E. Glen Oak Suite 201	Phone 309-655-5707	Prerequisites Completion of M3 Year	Location Office, OSF
Dates Available All year	Dates Not Available	Duration in Weeks 4	Hours/Week 40
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call From home	Weekends Optional	No. of Students 1

NARRATIVE DESCRIPTION

This course is particularly focused on the student who has developed interest in surgery involving infants from birth to adolescents.

The student will function as a junior intern working with the resident and the preceptor on pediatric surgery. This will involve outpatients and inpatients who are hospitalized for surgical conditions or who are seen in consultations with pediatricians. An attempt is made to allow the students to perform in accordance with the level of their competence. They participate actively in patient evaluations in the office setting and with the team, operating on a wide variety of cases including surgical emergencies in premature infants, congenital anomalies, and a variety of acute, subacute and chronic surgical problems which may occur in children up to the age of 18 years.

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

1. Describe differences in the physiology of very young patients which dictates management different from that of adult patients.
2. List pediatric surgical conditions that are rarely seen in adult surgery.
3. Demonstrate ability to interact appropriately with children and their parents in discussions concerning multiple aspects of patient care (i.e., pre- and post-surgery and long-term management issues).
4. Display skill and compassion in dealing with very small patients in the overall care of their surgical conditions.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Oral presentations and discussions will be evaluated both by the faculty and the resident.
2. The quality of work-ups and progress notes in the office and hospital setting will be monitored by the staff and the resident.
3. Technical skills will be evaluated by the resident and/or the attending.
4. The student's experience will be discussed with the course director.
5. Standard Clinical Evaluation Form will be completed at the end of the course.

REQUIRED READINGS

Selected readings from *Pediatric Surgery*, 2nd edition by Holder & Ashcraft.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

PEDIATRIC UROLOGY (ELEC 841)			Course Director Churphena Reid, M.D. Benjamin Rhee, M.D.
Address OSF SFMC Hillcrest Building 420 NE Glen Oak Ave, Suite 201 Peoria IL 61606	Phone 309-624-5100	Prerequisites Completion of M3 Year	Location Office, OSF
Dates Available	Dates Not Available Subject to change	Duration in Weeks 2-4	Hours/Week 45
Lectures/Seminars No	Lab No	Outpatient 90%	Inpatient Yes
House Staff No	Night Call No	Weekends Available	No. of Students 1

NARRATIVE DESCRIPTION

This elective is designed to prepare a student for common pediatric urology and operative and non-operative problems encountered in primary care medicine. If the student develops a strong interest in surgery, then additional instruction in basic surgical skills will be offered. The elective will acquaint the student with the practice of pediatric urology including a significant amount of nephrology and general pediatrics. Basic surgical care as well as operative technique will be included. Outpatient office exposure is at least 90 percent of the program. This includes active participation in the Myelodysplasia and Pre-natal Renal clinics.

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

1. Obtain a urological history and perform a urological physical examination.
2. Provide a differential diagnosis for the pre- and post-operative assessment of the pediatric patient.
3. Demonstrate how to place a bladder catheter in the pediatric patient.
4. Evaluate and discuss common pediatric urological consultations.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Ongoing observance of the student through his/her clinical experiences.
2. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.

REQUIRED READINGS

Lange Series – Urology Text, *Smith General Urology*, Tanagho (Author).

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., 3 rd Flr. Peoria, IL 61606	Phone 309-495-0250	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location SFMC, MMCI, Proctor
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. Exceptions to the consecutive limitation may be made on an individual basis.

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.
2. Manual skills.
3. Ability to follow inpatients with an organized approach to inpatient care.
4. Ability to diagnose conditions seen in the office setting.
5. Standard Clinical Evaluation Form.

REQUIRED READINGS

Plastic Surgery by Grabb and Smith, (provided).

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

SURGERY SUB-INTERNSHIP (ELEC 680)			Course Director Stephen Marshall, M.D. Steven Tsoraides, M.D. Richard Anderson, M.D.
Address Illinois Medical Center 1001 Main St., 3 rd Flr. Peoria, IL 61606	Phone 309-495-0200	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location SFMC, MMCI
Dates Available All year	Dates Not Available n/a	Duration in Weeks 4 weeks	Hours/Week 60-80
Lectures/Seminars Yes	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call Optional	Weekends Yes	No. of Students 2

A combined maximum number of 8 students will be accepted across all four sub-internships. Initial approval for a sub-internship must be cleared with Amber Asher, M4 Coordinator, in Academic Affairs prior to approval at the departmental level.

NARRATIVE DESCRIPTION

The purpose of the Sub-Internship is to familiarize the student with responsibilities of a resident and to aid in the transition from medical student to resident physician. The Surgery Sub-Internship provides additional surgical experiences and patient care responsibilities to the fourth-year student who may be considering a career in surgery. This Sub-Internship represents a full-time intensive commitment and significant responsibility of the student caring for patients in the hospital and the outpatient departments. The student will have direct responsibility for comprehensive patient care, including medical and surgical needs of the patient, but will always be acting under the supervision of a senior surgical resident and attending surgeons. The student will see the new patient first, as in the office outpatient setting, inpatient consultation, or inpatient surgical admission. The student will identify the time for appropriate medical consultation, (i.e. diabetes management, nephrology, cardiology, etc.) and make the necessary communication to request consultation, and be present for dialogue and instruction with the consultant and /or consulting service, and in this manner gain experience in the management of the medical needs of the patient. The student will continue to work with the medical consultant as well, to provide on-going comprehensive patient management. The student will participate in preoperative care, assist in surgery and participate in postoperative care, including interpretation and assessment of laboratory findings, imaging information, and other diagnostic tests. It is important to emphasize that the student should function as a Surgery PGY-1, and resident/attending supervision will ensure that all hospital policies of patient care are met. The student will be expected to participate in all of the educational activities of the Department of Surgery during the course of the student's sub-internship as well as an assigned Laparoscopic Skills Simulator Curriculum.

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

1. Actively take responsibility for assigned patients.
2. Perform appropriate accurate complete history and physical exams and record history and physical and surgical admission notes.
3. Develop comprehensive assessment of the patient's problem and review the assessment with attending surgeon/senior resident.
4. Discuss and explain assessment, tests to be ordered, test results, and treatment plans with patient and family, including providing informed consent information and the postoperative reports to the patient and family.
5. Demonstrate improved surgical skills during appropriate surgical procedures.
6. Describe the improvement of his/her abilities as measured by the AAMC six competencies of patient care, medical knowledge, practice-based learning and improvement, interpersonal and communication skills, professionalism, and systems-based practice.
7. Show ability to develop PowerPoint presentation for 15-minute teaching lecture to his/her service.

METHOD OF EVALUATION

1. On-going observation of performance and informal discussion with student by preceptor.
2. Completion of Standard Clinical Evaluation Form by preceptor and discussion with student.
3. Technical procedures including a Laparoscopic Skills Simulator Curriculum.

REQUIRED READING:

Reading assignments will be made by course directors during this elective.

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

SURGICAL CRITICAL CARE/TRAUMA (ELEC 682)			Course Director Richard Anderson, M.D. J. Stephen Marshall, M.D. Chad Evans, M.D.
Address Illinois Medical Center 1001 Main St., 3 rd Flr. Peoria, IL 61606	Phone 309-495-0200	Prerequisites Completion of M3 Year	Location OSF - SICU
Dates Available All year	Dates Not Available n/a	Duration in Weeks 4	Hours/Week 40-60
Lectures/Seminars Daily teaching rounds 1 lecture every session in Critical Care	Lab No	Outpatient No	Inpatient Yes
House Staff Surgical	Night Call None	Weekends 2 weekends/month	No. of Students 2

NARRATIVE DESCRIPTION

Surgical Critical Care offers an exciting rotation in the care and management of critically ill surgical and trauma patients. The student will function at a sub-intern level and will have his/her own patients to follow with faculty supervision.

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

1. Develop skills in logical evaluation and treatment of critically ill patients.
2. Understand basic physiology of multiple organ systems.
3. Understand fundamental principles of shock and resuscitation.
4. Describe and demonstrate multiple ventilatory modes.
5. Discuss nutritional support, therapeutic principles and their practical applications.
6. Understand acute care physiology and treatment principles in regards to MOFS, SIRS, and ARDS.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Daily presentation of patients.
2. Daily progress notes.
3. One prepared lecture during the month – topics to be chosen after first week of rotation.
4. Nursing staff evaluations, resident staff evaluations.
5. Completion of Standard Clinical Evaluation Form by preceptor.

REQUIRED READINGS

1. *The ICU Book*, Marino
2. *Critical Care Physiology*, Bartlett
3. *Surgical Critical Care*, Weigelt and Lewis

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

SURGICAL RESEARCH (ELEC 693.1)			Course Director J. Stephen Marshall, M.D.
Address UICOMP Dept. of Surgery 624 N.E. Glen Oak Ave. North Bldg. 2 nd Floor	Phone 309-655-2383	Prerequisites *Completion of M3 Year	Location UICOMP Dept. of Surgery offices
Dates Available by Appointment	Dates Not Available Max 2 students per year	Duration in Weeks 4	Hours/Week 45
Lectures/Seminars	Lab No	Outpatient Yes	Inpatient Yes
House Staff No	Night Call No	Weekends No	No. of Students 1

** Student must make an appointment to speak with Dr. Marshall prior to scheduling this elective to discuss project possibilities.*

NARRATIVE DESCRIPTION

This course is available to students with a definite interest in surgery. The course will focus on research and not daily clinical activity. Dr. Marshall performs a wide range of General Surgery procedures specializing in hepatobiliary and bariatric. The student may participate in an ongoing research project or independent study assignments can be created or assigned. Topics of research could focus on treatment or outcomes of ablation, distal pancreatectomy, minimally invasive pancreatectomy, partial hepatectomy, surgical resection, Whipple procedure, gastric bypass, sleeve gastrectomy, laparoscopic duodenal switch, robotic surgery and minimally invasive surgery.

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

1. Design and carry out a study/chart review.
2. Understand and work within the requirements of the IRB.
3. Participate in CITI training.
4. Research databases and complete a comprehensive literature review.

METHOD OF EVALUATION Dr. Marshall will base his evaluation on:

1. Informational periodic discussions with student.
2. Final project outcome or progress.
3. Completion of Standard Clinical Evaluation Form.

REQUIRED READING

Research Training Lectures – PowerPoints available on the UICOMP Dept. of Surgery website

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

BREAST SURGICAL ONCOLOGY (ELEC 693.2)			Course Director Denise Mammolito, M.D.
Address Illinois Medical Center 1001 Main St. 3 rd Flr. Peoria, IL 61606	Phone 309-495-0200	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location SFMC, MMCI, CFH
Dates Available by Director Approval	Dates Not Available II(b), III, VII(b)	Duration in Weeks 2	Hours/Week 40
Lectures/Seminars No	Lab No	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call No	Weekends No	No. of Students 1

NARRATIVE DESCRIPTION

This course is available to students with an interest in breast surgical oncology. The course will emphasize the multi-disciplinary approach to the breast patient. The operative and outpatient experience will focus on breast disease. The student will be expected to formulate pre-operative work-ups, stage malignancies, and give post-operative care.

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

1. Discuss breast cancer treatment options.
2. Identify the multi-disciplinary approach to breast oncology patients.
3. Recognize adjunct treatments used for breast cancer patients.
4. Increase surgical skills learned during the third-year clerkship.
5. The student is responsible for a report on the breast topic of their choice at the end of the rotation.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Informational daily discussions with student by preceptor on rounds, in surgery and in the outpatient setting.
2. Completion of Standard Clinical Evaluation Form by 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.

SURGICAL RESIDENCY PREPAREDNESS PRACTICUM (ELEC 157)			Course Director Charles Aprahamian, M.D.
Address UICOMP Dept. of Surgery OSF North Bldg., 2 nd Flr. 624 N.E. Glen Oak Ave. Peoria, IL 61603	Phone 309-655-4775 Fax: 309-655-3630 (contact Linda Conlee)	Prerequisites Completion of M3 Year Committed to surgery	Location Jump Simulation and Education Center
Dates Available Block X(b)	Dates Not Available Only available in Box X(b)	Duration in Weeks 2	Hours/Week 40
Lectures/Seminars Yes	Lab Yes	Outpatient No	Inpatient No
House Staff Yes	Night Call No	Weekends No	No. of Students 4 minimum 8 maximum

NARRATIVE DESCRIPTION

SURGPREP – Surgical Residency Preparedness Practicum – This course is particularly focused on the student **who has committed to a career in surgical specialties.** It is structured, supervised training in basic surgical skills such as dissection, suturing, knot tying, laparoscopy, etc., and procedures such as biopsy techniques, chest tube insertion, central line insertion, and tracheostomy. Eighteen modules instructed by UICOMP General Surgery facility and senior residents. Monday through Friday, 8:00 a.m. to 4:00 p.m. daily.

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

1. Demonstrate verified improvement in the quality in performing basic surgical skills.
2. Demonstrate verified improvement in the efficiency in performing basic surgical skills.
3. Demonstrate the ability to perform simulated basic surgical procedures such as chest tube insertion, central line placement, etc.

METHOD OF EVALUATION

Students will be evaluated based on demonstration of skills taught during every module by the respective instructor and an end-summary evaluation will be completed by the course director.

REQUIRED READINGS

Atlas of Surgical Techniques, 1996, by Steven G. Economou, ISBN: 0-7216-1611-9
Basic Surgical Techniques, by R. M. Kirk, ISBN: 0443071225
Basic Surgical Techniques – for Windows and MacIntosh, by Sherris and Kern, ISBN: 1-893005-51-8

Book chapter handouts on laparoscopic surgery:

Methods of Creating a Pneumoperitoneum by Robert J. Fitzgibbons, Jr, M.D., and Robert E. Marsh
Electrosurgery and Ultrasound for Cutting and Coagulating Tissue in Minimally Invasive Surgery by Joseph F. Amaral
Physiologic Consequence of Laparoscopic Surgery by Philip R. Schaurer
Suturing and Knot-Tying Techniques by Daniel B. Jones and Nathaniel J. Soper
Laparoscopic Suturing and Tissue Approximation by Zoltan Szabo

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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

UROLOGY (ELEC 683.1)			Course Director . _____ _____
Address OSF Medical Group – Urology 200 E. Pennsylvania Ave. Peoria, IL 61603	Phone 309-655-2045	Prerequisites Completion of M3 Year	Location Office, SFMC
Dates Available All Year Block VII(b)	Dates Not Available VII(b)	Duration in Weeks 2-4 (4 weeks must be consecutive)	Hours/Week 40
Lectures/Seminars Yes	Lab Elective	Outpatient Yes	Inpatient Yes
House Staff Yes	Night Call No	Weekends Yes	No. of Students 1

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.

UROLOGY (ELEC 683.2)			Course Director J. Banno, M.D.
Address Midwest Urological Group 7309 N. Knoxville Peoria, IL 61614	Phone 309-683-0680	Prerequisites Completion of M3 Year Students must fulfill UnityPoint Orientation with Academic Affairs	Location MMCI, Proctor, SFMC
Dates Available All Year Block VII(b)	Dates Not Available VII(b)	Duration in Weeks 2-4 (4 weeks must be consecutive)	Hours/Week Per availability
Lectures/Seminars No	Lab Yes	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

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 prostatic 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.

VASCULAR & ENDOVASCULAR SURGERY (ELEC 702.1)			Course Director Andy Chiou, M.D. Jessica Secor, M.D.
Address Illinois Medical Center 1001 Main St. 3 rd Flr. Peoria, IL 61606	Phone 309-495-0240	Prerequisites Completion of M3 Year (committed to vascular surgery) Students must fulfill UnityPoint Orientation with Academic Affairs	Location Unity Point Methodist
Dates Available All Year	Dates Not Available n/a	Duration in Weeks 4 minimum	Hours/Week 40
Lectures/Seminars Daily teaching rounds (clinical ward rounds & lectures) Two formal lectures/week	Lab No	Outpatient Monday (all day) Thursday (all day)	Inpatient Yes
House Staff Surgical House Staff Family Practice House Staff	Night Call None (maximum 4 calls/month if desired)	Weekends None	No. of Students 1

NARRATIVE DESCRIPTION

Vascular and Endovascular Surgery offers an exciting rotation in the care and management of all facets of vascular disease, including arterial, venous and lymphatic diseases for the student considering a career in Vascular and Endovascular Surgery. The student will function at the level of a sub-intern and will have his/her own patients to follow.

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

1. Develop skills in logical evaluation and treatment of vascular patients;
2. Understand basic vascular physiology;
3. Understand fundamental principles of complex vascular diseases;
4. Understand basic vascular decision making as it pertains to carotid disease, aortic disease, peripheral vascular disease, venous diseases and lymphatics;
5. Be able to discuss outcomes of basic vascular interventions and surgical procedures.

METHOD OF EVALUATION The faculty will base their evaluation on:

1. Daily presentation of patients;
2. Daily progress notes;
3. One prepared lecture during the month – topic to be chosen after first week of rotation;
4. Nursing staff evaluations and resident staff evaluations;
5. Completion of Standard Clinical Evaluation Form by preceptor.

REQUIRED READING:

Current Diagnosis & Treatment in Vascular Surgery - Richard H. Dean, James S. T. Yao, David C. Brewster (provided during elective)
Anatomic Exposures in Vascular Surgery – R. James Valentine, Gary G. Wind (provided during elective)
Current Therapy in Vascular Surgery – Calvin B., MD, Ernest, James C., MD, Stanley (provided during elective)

NOTE: CONTACT FOR ELECTIVE ASSIGNMENT

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