ANES:8401  CLINICAL ANESTHESIA SENIOR ROTATION

OBJECTIVES:  The student will: Build on the knowledge and experience gained from the two week Anesthesiology elective rotation (ANES:8301). Students will gain more advanced airway management skills. Students will encounter patients with complex medical and surgical conditions. The course will be tailored to meet the need and interest of the student; students will have an opportunity to spend extended time on subspecialty areas (OB, neuro, cardiac, pediatric, regional, ASC, and Pain Clinic). Completion of an academic project (case report and discussion) is a requirement.

This will be achieved through: 1) preoperative, intraoperative, and postoperative care for patients undergoing surgical procedures. 2) direct supervision by a staff anesthesiologist. 3) attendance at conferences and teaching activities of the section, and completion of an academic project.

FACULTY:  Staff
MAX ENROLLMENT:  5
OFFERED:  All periods
LENGTH OF ELECTIVE:  4 weeks
ADMINISTRATIVE CONTACT:  Lorri Barnes
REPORT TO:  Arranged
PREREQUISITE:  ANES:8301
OBJECTIVES: The student will: 1) receive in-depth exposure to continuous invasive and non-invasive monitoring techniques including ECG, pulse oximetry, arterial blood pressure, central venous pressure, pulmonary artery pressure monitoring. 2) gain experience in use of vasoactive drugs. 3) gain experience in managing acid-base and fluid balance alterations associated with critical illness. 4) be introduced to ventilatory management of critically ill patients. 5) have exposure to critically ill patients. 6) have exposure to trauma, transplant, and post-surgical patients in addition it offers a unique opportunity to work in the largest ICU in the state of Iowa and largest Neurosurgical ICU in the state. 7) learn about neurologic monitoring, management of intracranial pressure, management of closed head injuries and exposure to management of other neurologic and neurosurgical emergencies; 8) be exposed to the role of multi-disciplinary management teams with clinical nutrition service, physical therapy, and social work.

This will be achieved through: 1) involvement in the care of critically ill patients in the Surgical and Neuroscience Intensive Care Unit (SNICU) under the supervision of residents, fellows and staff. 2) participation during teaching rounds. 3) attendance at conference seminars and teaching activities provided by the SNICU.

FACULTY: Dr. Sundar Krishnan and Staff
MAX ENROLLMENT: 5
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Melinda Allbaugh
REPORT TO: SNICU Reception Desk and ask to be directed to the SNICU Conference Room, 7:00 am
CTS:8401  SUB-INTERNSHIP CARDIOTHORACIC SURGERY

OBJECTIVES: The student will participate in the diagnosis, preoperative, operative, and postoperative care of thoracic and cardiac patients. He/she will attend all scheduled conferences of the Department. The student will assume responsibility and act as an intern. These students may concentrate their interest in either cardiac surgery or thoracic surgery. The student will be responsible for diagnosis and management of patients on an inpatient service under close supervision by an upper level resident and a faculty member.

FACULTY: Dr. Joseph Turek and Staff
MAX ENROLLMENT: 1
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Kim Horras
REPORT TO: Cardiothoracic Fellow, 7:00 am, 1st day.
DEPARTMENT OF DERMATOLOGY

COURSE DIRECTOR:  Dr. Vincent Liu

CONTACT PERSON:  Cheryl Moores
                  40027 PFP
                  356-1694

DERM:8401  DERMATOLOGY ELECTIVE

OBJECTIVES:  The student will 1) acquire a deeper familiarity with basic skin anatomy, physiology and pathology; 2) understand the importance of morphology and description of diagnosing cutaneous disease; 3) learn how to perform and document a complete skin examination; 4) learn to generate appropriate differential diagnoses for skin conditions; 5) learn the most common and clinically most significant dermatologic conditions; 6) become familiar with fundamental dermatologic diagnostic techniques; 7) become familiar with minor skin surgical procedures; and 8) formulate appropriate plans for management of patients with dermatologic disease.

This will be achieved through experience 1) in the UIHC Dermatology Clinic; 2) at the Iowa City VA Medical Center; 3) with specially-scheduled surgery patients; 4) on the UIHC Dermatopathology Service; and 5) with inpatient consultations.

FACULTY:  Dr. Liu and Staff
MAX ENROLLMENT:  2
OFFERED:  All periods
LENGTH OF ELECTIVE  4 weeks
ADMINISTRATIVE CONTACT:  Cheryl Moores
REPORT TO:  Dermatology Clinic
**IM:8414  CLINICAL ENDOCRINOLOGY**

**OBJECTIVES:** Students electing this course will spend about half of their time in outpatient clinics and the other half on the endocrine consult team. During the outpatient clinic part of the rotation, students will attend endocrine and diabetes clinics every day, working alongside different faculty members. These clinics take place at Iowa River Landing, the University of Iowa, and the VA Hospital. While on consults, students will work with the Endocrine Consult team that consists of a staff physician, an endocrinology fellow and sometimes an internal medicine resident, and will see inpatient endocrine and diabetes consultation patients. When the consult service is not busy, students will also have the opportunity to spend all or part of their morning seeing patients in clinic with a staff physician. For each of these activities students will be expected to perform complete patient evaluations and to develop diagnostic programs and therapeutic plans. Students will also participate in the clinical conferences of the Division.

**Conferences** to be attended by the student:
* The Diabetes and Obesity Talks: Mondays 1:00 – 2:00 pm, 1289 Kelch
* Fellows Curriculum Lecture Series: Mondays 2:00 – 3:00 pm
* Endocrinology Clinical Conference: Mondays 4:00 – 5:00 pm.
* Internal Medicine Grand Rounds: Thursdays Noon, Med Alumn Aud
* Endocrine Grand Rounds: Fridays 7:30 – 8:15 am.

**FACULTY:** Dr. Amal Shibli-Rahhal and Staff
**MAX ENROLLMENT:** 2
**OFFERED:** All periods
**LENGTH OF ELECTIVE:** 2 or 4 weeks
**ADMINISTRATIVE CONTACT:** Linda Hayes, phone 3-7842
**REPORT TO:** Assigned Faculty - 8:00 am, 1st day, or as directed.
IM:8422  CLINICAL INFECTIOUS DISEASE

OBJECTIVES: The student will: 1) Increase their understanding of the pathogenesis of infectious diseases and of the host's reaction to such disease processes; 2) Increase proficiency in the diagnosis and management of patients with infectious diseases, including the proper use of antibiotics; 3) Learn to apply clinical microbiology to the diagnosis of infectious diseases.

This will be achieved through: 1) Evaluation and follow-up of patients seen by the Infectious Diseases consult service; 2) Participation in daily clinical work rounds; 3) Clinical teaching during daily work rounds; 4) Participation in weekly Infectious Diseases grand rounds; 5) Participation in clinical microbiology rounds.

FACULTY: Infectious Disease Staff
MAX ENROLLMENT: 2
OFFERED: All periods
LENGTH OF ELECTIVE: 2 or 4 weeks
ADMINISTRATIVE CONTACT: Daniel Diekema or Stephanie Cecil
REPORT TO: SW5-12 GH Conference Room; 9:30 am

IM:8426  PULMONARY DISEASE - CONSULTATION SERVICE

OBJECTIVES: The student will: 1. Refine history taking and physical exam skills, with emphasis on symptoms and signs common to diseases of the cardiopulmonary system. 2. Learn diagnostic and therapeutic strategies for adult patients with pulmonary disease. 3. Interpret pulmonary function tests and thoracic radiographic studies. 4. Gain exposure to the role of a consulting physician.

This will be achieved through: 1. Participation in the Adult Pulmonary Consult service at University Hospitals. 2. Interpretation of pulmonary function tests with the consult fellow and attending. 3. Review of thoracic imaging studies with the consult fellow and attending. 4. Observation of invasive diagnostic and therapeutic procedures. 5. Attendance at teaching conferences for the Pulmonary Disease and Critical Care Division, held two-to-three times weekly. 6. Present at the clinical case conference on Friday noon (optional).

FACULTY: Pulmonary faculty on rotational basis.
MAX ENROLLMENT: 2
OFFERED: All periods
LENGTH OF ELECTIVE: 2 or 4 weeks
ADMINISTRATIVE CONTACT: Lakshmi Durairaj, M.D., Dana Hartman, or Jamie Schwartz, 6-4419
REPORT TO: Consult Staff, 8:00 am
NEUR:8401  ADVANCED INPATIENT NEUROLOGY

OBJECTIVES: Intensive period of experience dealing with diagnosis of patients hospitalized because of neurologic disease. The student will be responsible for the initial assessment outline management plans and will be responsible for daily care, under the supervision of faculty and senior residents. Daily clinical conferences and teaching rounds are included.

FACULTY: Drs. Adams & Pieper
MAX ENROLLMENT: 1 student on each service
OFFERED: All periods
LENGTH OF ELECTIVE: 2 or 4 weeks
ADMINISTRATIVE CONTACT: Sara Nordman
REPORT TO: S205-B GH, 8:00 am on the first day.
OBJECTIVES: This 4-week course provides opportunities in which the student to do the following

1) Develop skills related to the management of patients hospitalized with acute neurological disease (stroke)
2) Gain experience in the diagnosis, evaluation, and treatment of patients with stroke in the emergency department setting and on inpatient units
3) Participate in the emergency and acute medical management of patients, including the treatment of comorbid diseases, prevention and treatment of acute complications, initiation the therapies to prevent recurrent stroke, and development of plans for recovery and rehabilitation, including discharge planning.

SUPERVISION: The student will have direct patient care under the supervision of the faculty and senior level residents or fellows.

Patient care responsibilities:
The student will have appropriate management responsibilities for all aspects of patient care.

1) The student will follow assigned patients who are admitted for critical care to the surgical and neuroscience intensive care unit
2) The student will be involved in evening call on the stroke service
3) The student is expected to develop plans for evaluation and treatment of patients.
4) The student is expected to prepare clinical notes and orders that can be forwarded to faculty and residents.
5) The student is expected to join the stroke-team huddles in which allied health professionals also are present.

Conferences: The student is expected to be a participant in our daily stroke rounds and noon conferences.

Evaluations; Student performance is assessed using the standard CCOM evaluation forms. The performance is based on the ACGME core competencies for resident education. The student is expected to provide an evaluation of his/her experience on the rotation.

FACULTY: Drs. Adams & Pieper
MAX ENROLLMENT: 1
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Sara Nordman
REPORT TO: 7:00 am on first day to 6 JC East
NSG:8401 SUB-INTERNSHIP NEUROSURGERY

OBJECTIVES: This advanced clinical clerkship is designed for students interested in neurologic diseases. There will be emphasis on the diagnosis of neurologic disorders as well as operative therapy. The student will be expected to attend related conferences with Radiology and Neurology. The student will be responsible for diagnosis and management of patients on an inpatient service under close supervision by an upper level resident and faculty member. Evaluation will be based upon the ward performance.

FACULTY: Dr. Howard and Staff
MAX ENROLLMENT: 2
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Carol Bontrager
REPORT TO: Dr. Howard, 1823 JPP, 8:00 am
OBJECTIVES: Develop competency in the evaluation and management of hospitalized patients with serious and often complex gynecologic oncology problems.

GOALS & OBJECTIVES:
1. Develop a better understanding of diagnosis, evaluation, and management of patients with a variety of gynecologic malignancies.
2. Participate in direct patient care under the supervision of faculty and senior-level residents. The student’s experiences will consist predominantly (more than 80%) of inpatient responsibilities.
3. The student will develop proficiency in the management of postoperative gynecological cancer patients, with emphasis on clinical decision-making and development of management plans.
4. The subintern will assume an appropriate level of management responsibility for all aspects of patient care. Specifically, the student will participate in admissions, write postoperative admission orders, write discharge summaries, and participate in in-house call within the ACGME work hours requirement for residents.
5. The student will develop proficiency in postoperative wound care and placement of nasogastric tubes, and the student will participate in other on-floor procedures as appropriate.
6. The student will become proficient in the management of postoperative fluid, electrolyte, and acid-base disorders.
7. The student will learn to independently diagnose and evaluate postoperative pain, and develop an understanding of postoperative pain management.
8. The sub-intern will learn to semi-independently manage postoperative patients with anemia and malnutrition.
9. The student will learn to independently identify critically ill patients who require immediate attention and may have to be transferred to an intensive care setting.
10. The student will demonstrate proficiency in documenting clinical activities (admission notes, progress notes, discharge notes, and orders) in the medical record.
11. The student will learn to function appropriately in a clinical management team including nursing staff, students and residents, social service workers, ward clerks, and other support.

ENABLING OBJECTIVES:
1. The student will be supervised and interact closely on a daily basis with the senior residents and the faculty staff. Daily feedback regarding notes, decision-making, and management plans will be provided.
2. The subintern will attend the weekly Gynecologic Oncology Tumor Conference.
3. At the end of the rotation, the student will present an appropriately referenced topic in gynecologic oncology of his/her choice, illustrated by a patient seen during the rotation.

FACULTY: Drs. Steve Bender, Michael Goodheart, Jean-Marie Stephan, Jesus Gonzalez-Bosquet, and Emily Hill

MAX ENROLLMENT: 1
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Dr. Michael Goodheart
REPORT TO: In-Patient Gynecologic Conf Room 3 JPW (Elevator I), 7:30 am
OPHT:8401  EXTERNAL EYE DISEASE

OBJECTIVES:  Intended for student interested in learning about the most common non-refractive eye disorders.

The student is expected to: 1) learn basic techniques of eye examination; 2) learn to diagnose common diseases of the eyelids, conjunctiva, and cornea; 3) learn basic principles of therapeutics of external eye disease.

This will be achieved by: 1) reading assignments; 2) daily conferences; 3) clinical work-up of patients; 4) self-assessment programs.

The student will be tested throughout the elective and at its completion.

FACULTY:  Kenneth Goins, M.D.
MAX ENROLLMENT:  1
OFFERED:  All periods
LENGTH OF ELECTIVE:  4 weeks
ADMINISTRATIVE CONTACT:  Patricia Zahs
REPORT TO:  Arranged
PREREQUISITE:  OPHT:8301

OPHT:8402  NEURO-OPHTHALMOLOGY

OBJECTIVES:  Intended for students with an interest in Neurology, Neurosurgery, Internal Medicine, or Ophthalmology.

The student is expected to learn the diagnosis and management of neuro-ophthalmic problems (visual loss, diplopia, field loss, pupil dysfunction).

This will be achieved by working up patients in the Neuro-ophthalmology Clinic and presenting them to the faculty.

FACULTY:  Randy Kardon, M.D., PhD
MAX ENROLLMENT:  1
OFFERED:  All periods
LENGTH OF ELECTIVE:  4 weeks
ADMINISTRATIVE CONTACT:  Patricia Zahs
REPORT TO:  Arranged
PREREQUISITE:  OPHT:8301
**ORTH:8401 ADVANCED CLINICAL ORTHOPEDICS**

**OBJECTIVES:**

The student will: 1) develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system; 2) he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by: 1) participation in the service of the student's choice including adult orthopadics (VA), children's orthopedics, adult reconstruction, low back, sports medicine, or tumor/foot teams; 2) duties will be analogous to those of an intern with responsibility for patient care in clinic, in the hospital, and the operating room; 3) participation in staff conferences and rounds including presentation of patients for discussion; 4) development of surgical and non-surgical skills including plaster work in the care of patients; 5) review and discussion of teaching sets of x-ray and microscopic slides in the musculoskeletal pathology lab; 6) the student will take call at least one night per week.

**FACULTY:** Orthopedic Staff

**MAX ENROLLMENT:** 5

**OFFERED:** All periods

**LENGTH OF ELECTIVE:** 4 weeks

**ADMINISTRATIVE CONTACT:** Diane Shaffer

**REPORT TO:** Dr. Clark, 01075 JPP

**SPECIAL CONDITIONS:** Consists of seven individual “teams”:

- Silver = Tumor and Foot/Ankle
- Black = Sports Medicine and Shoulder
- Blue = Hip and Knee Reconstruction
- Green = Pediatrics
- Orange = Spine
- Yellow = Hand

PLEASE CONTACT DIANE SHAFFER TO INDICATE YOUR TEAM PREFERENCE. FIRST COME, FIRST SERVED. THOSE STUDENTS WHO DO NOT INDICATE A PREFERENCE WILL BE ASSIGNED A TEAM.
OBJECTIVES: The student will: 1) increase his ability to diagnose and treat by non-surgical and surgical methods, injuries of the musculoskeletal system; 2) increase his skill in the application and removal of plaster dressings; 3) increase knowledge of the complications of injuries of the musculoskeletal system.

This will be achieved by: 1) participation on the trauma team with duties analogous to those of an intern with responsibility for patient care in clinic, in the hospital and operating room; 2) attendance at all teaching conferences and seminars; 3) the student will take call at least one night per week.

FACULTY: Drs. Marsh, Karam, and Willey
MAX ENROLLMENT: 1
OFFERED: All periods
LENGTH OF ELECTIVE 4 weeks
ADMINISTRATIVE CONTACT: Diane Shaffer
REPORT TO: Dr. Clark, 01075 JPP
OTO:8401  SUB-INTERNSHIP IN OTOLARYNGOLOGY

OBJECTIVES: The student will: 1) become proficient in the physical examination of the head and neck; 2) increase his ability to diagnose, evaluate and manage common disorders of the ears, nose, and throat; 3) work in the outpatient clinic, on inpatient services, and in the operating room.

This will be achieved through: 1) examination of a large number of patients; 2) assuming interns level responsibility inpatient care; 3) independent study; 4) exposure to the operating room if desired.

FACULTY: Staff
MAX ENROLLMENT: 3
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Lori McLaughlin
REPORT TO: Lori McLaughlin, Oto Clinic, 8:00 am
DEPARTMENT OF PATHOLOGY

SENIOR CONTACT PERSON: Deb Stumme
147 MRC
335-8192

PATH:8403    SURGICAL PATHOLOGY

OBJECTIVES: 1) To become acquainted with the contributions to and limitations of tissue examination to patient care, 2) to learn basic aspects of tissue examination and approaches to anatomic diagnosis, 3) to be exposed to a variety of diseases at the gross and microscopic level.

The student will actively participate in surgical pathology by: 1) observing the gross and assisting in the microscopic examination, clinical pathological correlation and report preparation of current surgical and medical specimens, 2) participating in daily surgical pathology conferences.

FACULTY: Dr. Anthony Snow and Staff
MAX ENROLLMENT: 2
OFFERED: Closed July & March
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Lynn Westphal
REPORT TO: Surgical Pathology, 5244 RCP
SPECIAL CONDITIONS: Scheduling approval Dr. Snow

PATH:8404    BLOOD BANK CLERKSHIP

OBJECTIVES: To be exposed to common activities and functions of a comprehensive transfusion service. Upon completion of the clinical clerkship the student will:

1) Understand the preparation of and indications for the transfusion of components such as platelets, plasma, RBC’s and cryoprecipitate.
2) Participate in Morning Report and be aware of common indications for therapeutic apheresis and therapeutic phlebotomy, and the common risks and complications associated with these procedures.
3) Answer requests from the clinical services regarding the transfusion of blood components and special services (e.g., therapeutic plasma exchange).
4) Observe specific procedures such as: plasmapheresis, photopheresis, therapeutic phlebotomy, and peripheral blood progenitor cell collection.
5) Participate in an offsite blood drive with DeGowin Donor Center Staff.
6) Be familiar with Blood Bank procedures and regulations including knowing techniques of erythrocyte typing, compatibility testing, antibody detection and antibody identification. Students will participate in specific procedures including pretransfusion compatibility testing, RBC typing and antibody screen.
7) Be able to apply knowledge of Transfusion Medicine to other specialties of medicine and surgery.

Students performing a 4 week rotation will have progressively more lab electives, pager coverage and will be expected to give a 30 minute presentation on a transfusion medicine topic that is approved by DeGowin Faculty.

FACULTY: Drs. M. Knudson, A. Schlueter and J. Blau
MAX ENROLLMENT: 1
OFFERED: All periods – based on availability of an open trainee slot in the DeGowin rotation schedule
LENGTH OF ELECTIVE: 2/4 weeks
ADMINISTRATIVE CONTACT: Deb Stumme
REPORT TO: Heather Fleming, 9:00 am, DeGowin Blood Center SW246 GH
The pediatric inpatient services are staffed with a physician care team which includes the attending faculty, pediatric residents, and senior and junior medical students. The teams include the senior students as an integral part of each team. All Pediatric inpatient rotations will include one week of nights.

PEDS:8410  PEDIATRIC NEUROLOGY

**OBJECTIVES:**  The student will: Increase proficiency in doing a neurologic examination on infants, children and young adults. Students will develop competence at obtaining a neurologic history, including developmental history and genetic history. The student will learn an approach to diagnosing and managing common and rare neurologic problems in childhood, including seizures, developmental delay, neurocutaneous disorders and muscular dystrophy. Through exposure to patients in follow-up visits, the student will learn the natural history of common neurologic disorders. Students will learn to use written and computer based resources and interpret the results of laboratory testing (CT, MRI, EEG) in the diagnostic evaluations.

These goals will be achieved through: Clinical activities will be focused on the outpatient clinic, with limited involvement in the inpatient service and consult service. The student will see patients independently and staff them with an attending. Students will participate in clinical conferences, and will be expected to read selected readings in pediatric neurology. Students will be expected to participate in the weekly child neurology clinical conference.

**FACULTY:**  Drs. Bassuk, Bonthius, Ciliberto, Joshi, Mathews, Matsumoto, Perlman, and Zhorne

**MAX ENROLLMENT:**  1

**OFFERED:**  All periods

**LENGTH OF ELECTIVE:**  4 weeks

**ADMINISTRATIVE CONTACT:**  Cathy Chavez

**REPORT TO:**  2475 JCP, 8:00 am (call 6-1851 to let secretaries know you have arrived)

**EVALUATIONS:**  Each student will develop goals for their rotation (1 goal/week). Students completing a 4-week rotation will review their goals and progress at the midpoint of the rotation. ALL students will write a 1-page reflection of their experience. Completion of the mid rotation feedback form (for 4-week rotations) and final reflection is mandatory to receive credit. Cathy will initiate one evaluation which will be completed by the faculty as a group. Students may initiate on-line evaluations to the residents and fellow with whom they work.
PSYC:8401  ADULT INPATIENT PSYCHIATRY

OBJECTIVES: This advanced elective offers the opportunity to study clinical psychiatry in greater depth. Elective clerks carry a smaller case load than residents, but are otherwise expected to act as junior residents with staff supervision. Clerks also participate in a program of directed readings, didactic seminars, and clinical conferences. Feedback on directly observed clinical interviews will be provided. Options include general adult psychiatry, geriatrics, eating disorders, mood, or psychotic disorders/neuropsychiatry. Student learning will emphasize assessment to develop a foundation of skills in clinical interviewing, mental status examination, differential diagnosis, and formulation. Psychotherapeutic and pharmacological management approaches will be emphasized.

FACULTY: Dr. Fiedorowicz
MAX ENROLLMENT: 2
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Teresa Young
REPORT TO: Special Conditions

PSYC:8402  CHILD PSYCHIATRY

OBJECTIVES: This elective offers the student the opportunity to study in depth the behavioral manifestations of psychiatric disorders in children and adolescents. The elective will include both inpatient and outpatient experiences so that students have an opportunity to observe how psychiatrists diagnose and treat acute and chronic disorders in children. Outpatient clinic experiences will include diagnostic evaluations, medication follow-ups, and full team evaluations. Students will also have the opportunity to observe neuropsychological and psychological evaluations. Students also participate in a program of clinical readings, didactic seminars, and clinical conferences. This elective is well-suited for the student who is planning a career in pediatrics. May be repeated.

FACULTY: Dr. Espe-Pfeifer
MAX ENROLLMENT: 1
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Teresa Young
REPORT TO: Special Conditions
PSYC:8403  ADULT OUTPATIENT PSYCHIATRY

OBJECTIVES: This elective offers students the opportunity to study outpatient psychiatry and emergency management of psychiatric patients. Students will be expected to participate with more independence in the diagnostic assessment of new patients in the clinic, as well as to assist senior residents in the evaluation and treatment of patients with psychiatric emergencies. An emphasis will be placed on the further development of psychiatric interviewing skills and diagnostic assessment skills. Students will be exposed to both psychotherapeutic and psychopharmacologic treatment modalities. Observation of group psychotherapy and participation in senior elective clinical readings, resident didactic seminars, and resident clinical conferences are expected of the clerk during this elective. The elective will be tailored as possible to the student’s interests, including exposure to the University Adult Psychiatry Outpatient Clinic, the VA Adult Psychiatry Outpatient Clinic, geriatric evaluations, addictions treatment, and community psychiatry sites.

FACULTY: Dr. Eric Epping
MAX ENROLLMENT: 1
OFFERED: All periods
LENGTH OF ELECTIVE: 2 or 4 weeks
ADMINISTRATIVE CONTACT: Teresa Young
REPORT TO:

PSYC:8405  SUB-INTERNSHIP MEDICAL PSYCHIATRY

OBJECTIVE: The Medical Psychiatry Clerkship is designed to provide hands-on experience in the evaluation and treatment of patients with combined medical and psychiatric disease. The fourth year student under the supervision of residents in both medicine and psychiatry will learn to make appropriate medical and psychiatric diagnoses while considering the relationship of these conditions. The student will act at subintern level selecting appropriate consultations, diagnostic tests, and treatments. The student will be expected to develop familiarity with the etiology and pathophysiology of the conditions being treated, review potential complications, and develop skills in direct interactions with the patients to facilitate team-teaching and patient care. The student is required to prepare and present an article at the Medicine-Psychiatry noon conference.
Contact Dr. Vicki Kijewski for details about the noon conference schedule at the beginning of the elective. Participation in senior elective clinical readings, resident didactic seminars, and resident clinical conferences are expected of the clerk during this elective.

FACULTY: Dr. Vicki Kijewski
MAX ENROLLMENT: 2
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Teresa Young
REPORT TO:
The sub-internship in adult psychiatry will provide an experience for the student that maximizes autonomy and responsibility. The inpatient rotation will focus on one sub-specialty area (psychotic disorders or mood disorders) and emphasize the substantial other medical co-morbidity. The sub-Intern will be expected to assess and address the medical and psychiatric needs of their assigned patients in a collaborative and integrative fashion. Students will be expected to assess and manage their patients independently at the level of a psychiatry intern, reporting directly to the attending. Call is required. The didactic curriculum focuses on critical appraisal of the medical literature.

**Faculty:** Dr. Jess Fiedorowicz  
**Max Enrollment:** 2  
**Offered:** All periods  
**Length of Elective:** 4 weeks  
**Administrative Contact:** Teresa Young  
**Report To:** PSYC:8409 EATING DISORDERS

The elective in eating disorders will provide an experience for the student that maximizes autonomy and responsibility. The inpatient or partial hospital rotation will emphasize the co-occurring psychiatric and co-morbid medical conditions associated with the eating disorders. Students will be expected to assess and manage their patients at an advanced level. Students will provide direct patient care and engage in clinical decision making for complex patients with substantial co-morbidity. The didactic curriculum focuses on critical appraisal of the relevant medical literature. Students will be introduced to cognitive behavioral psychotherapy techniques.

**Faculty:** Dr. Jess Fiedorowicz  
**Max Enrollment:** 1  
**Offered:** All Periods  
**Length of Elective:** 2 or 4 weeks  
**Administrative Contact:** Teresa Young  
**Report To:**
RAD 8401  ADVANCED CLINICAL RADIOLOGY

Objectives: This elective is intended for students who want to improve their radiologic abilities whether or not they plan to pursue a career in radiology. The course consists of 4 one-week blocks in the radiologic subspecialties of the student’s choice. This is a hands-on rotation in which the student will become a full member of the clinical team participating in all aspects of patient care including radiologic procedures. In addition, there is a program of lectures, case presentations, and guided self-instruction to update the student on the latest regarding integrating diagnostic and interventional imaging into patient management.

Upon successful completion of the rotation, the student will be able to: 1) develop differential diagnoses of common pathology based on radiographic imaging, and 2) understand the appropriate integration of radiologic imaging into patient management.

Faculty: Drs. Eve Clark and Maheen Rajput
Max Enrollment: 6
Offered: All periods
Length of Elective: 2 or 4 weeks
Administrative Contact: Courtney Bork
Report to: 3567 JCP at 9:15 am
Special Conditions: Must be dropped 4 weeks prior to the beginning of the section.

RAD 8402  VASCULAR AND INTERVENTIONAL RADIOLOGY

Objectives: The purpose of this elective is to expose the student to the broad range of diagnostic and therapeutic procedures performed by Interventional Radiology. Interventional radiology is a subspecialty of Radiology, which is responsible for the performance of a wide array of percutaneous, vascular and non-vascular procedures. These include angiography, angioplasty, vascular reconstructions, vascular embolization, percutaneous nephrostomies, biliary drainage, and placement of custom devices in the vascular tree and elsewhere.

Students in this elective will join the clinical interventional service, staff, fellows and residents. You will be expected to participate in the diagnostic workup and management of interventional patients as well as in the performance of selected interventional procedures. You will be involved in the daily readouts and teaching on the interventional clinical service and participate in interventional and interdisciplinary interventional conference, and familiarize yourself with research opportunities.

Faculty: Sandeep Laroia, M.D.
Max Enrollment: 2
Offered: All periods pending approval of Dr. Laroia
Length of Elective: 4 weeks
Administrative Contact: Courtney Bork
Report to: Dr. Sandeep Laroia
RADO:8401  RADIATION ONCOLOGY

OBJECTIVES: Students are involved directly with the patient care and management under the immediate supervision of the faculty. They rotate through all five clinical services:
1. Head and Neck Carcinoma, 2. Thoracic, 3. GI/GU/Metastases, 4. Lymphoma/CNS/Pediatric, 5. Gynecological/Breast/Sarcomas

Under the direction of the faculty, the students evaluate patients for radiotherapy and help plan the course of radiotherapy treatments. They also participate in the discussion regarding these patients in multidisciplinary tumor boards and departmental conferences. The students are exposed to a variety of neoplasms and attend the multidisciplinary conferences relating to their patients.

The goal of the course is to expose the student to the field of radiation oncology and cancer management, and give them an understanding of the interactions of radiation therapy, chemotherapy, and surgery.

FACULTY: John Buatti, M.D.
MAX ENROLLMENT: 3
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Shawn Reynolds
REPORT TO: Dr. John Buatti, 01626 PFPW, 7:30 am
OBJECTIVES  Students on senior electives in surgery will increase their knowledge by focusing on a specific area of surgical practice with a particular full-time faculty member, serving as a preceptor. The students will strengthen their clinical skills in perioperative patient assessment and management, in use of diagnostic studies pertinent to the surgeon’s practice, and assisting or performing procedures under direct supervision.

ACTIVITIES   A broad range of clinical activities in the operating room, clinics, wards, and intensive care units is possible depending on the preceptor’s practice. This may also include night and/or weekend call activity at the discretion of the preceptor. However, more than 40 but less than 80 total hours of clinical activity should be expected.

FACULTY:  Department of Surgery Faculty
MAX ENROLLMENT:  5
OFFERED:  All periods
LENGTH OF ELECTIVE:  4 weeks
ADMINISTRATIVE CONTACT:  Cate Spencer-Motyko
REPORT TO:  Contact Cate Spencer-Motyko for information for the first day of clerkship
SPECIAL CONDITIONS:  No more than one senior student can be on a general surgery team with junior students on their required clerkship, whether those students are doing electives or sub-internships.
OBJECTIVES: Sub-interns will improve students’ clinical skills by assuming an intern’s level of responsibility for the assessment and management of a limited number of patients, under the direct supervision of a senior surgery resident. The sub-interns will increase their proficiency with perioperative patient assessment and management, including selecting and interpreting appropriate laboratory and radiologic studies. Sub-interns may also participate in procedures, but at least 80% of their time should be spent managing in-patients.

Sub-interns will accomplish this by working as a member of a surgical resident team, including approximately weekly night/weekend call at the same time as a faculty member on the team so that the sub-interns may participate in the entire spectrum of patient management from the stage of initial surgical consultation. Sub-interns will be asked to submit goals and strategies for achieving their goals in advance. The chief residents will be asked to review and revise these goals as appropriate. At the end of the month, sub-interns will be asked to review how these goals have been met with the course director, residency program director, or chair of surgery.

FACULTY: Dr. Luis Garcia and Staff
MAX ENROLLMENT: 5
OFFERED: All periods
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Cate Spencer-Motyko
REPORT TO: Contact Cate Spencer-Motyko for information for the first day of clerkship
SPECIAL CONDITIONS: Only one student per team. Contact Cate Spencer-Motyko to indicate your preference one month prior to beginning of clerkship.
DEPARTMENT OF UROLOGY

COURSE DIRECTOR: Dr. Chad Tracy

CONTACT PERSON: Kris Greiner
3244 RCP
353-7871

URO:8401 ADVANCED GENERAL UROLOGY

OBJECTIVES: The student will become an integral member of the ward team, functioning at the PGY-1 level (i.e. responsible for histories and physicals on admission, daily ward rounds, attending surgery, and seeing patient in the urology clinic). The student will be given graded responsibility for as much as possible of each patient’s case.

FACULTY: Dr. Tracy
MAX ENROLLMENT: 2
OFFERED: All blocks
LENGTH OF ELECTIVE: 4 weeks
ADMINISTRATIVE CONTACT: Kris Greiner
REPORT TO: Dr. Tracy
SPECIAL CONDITIONS: Students considering a Urology residency are encouraged to meet with Dr. Tracy.

URO:8402 PEDIATRIC UROLOGY

OBJECTIVES: Under the direction of the urology resident assigned to the pediatric service as well as the pediatric urology faculty, the senior student is expected to participate in the evaluation of clinical patients and participate in the care of selected surgical patients, including preoperative evaluation, intraoperative assistance and postoperative care. The student is encouraged to work under a close mentor-student relationship to develop skills in pediatric urology and to select and study a specific subspecialty topic.

FACULTY: Drs. Cooper, Arlen, and Storm
MAX ENROLLMENT: 1
OFFERED: Closed May & Oct
LENGTH OF ELECTIVE: 2 or 4 weeks
ADMINISTRATIVE CONTACT: Kris Greiner
REPORT TO: Dr. Tracy
SPECIAL CONDITIONS: Instructor consent required.
OBJECTIVES: The student will have a multispecialty exposure to the diagnosis and treatment of patients with current and newly diagnosed urologic malignancies. The student will spend on average of 1-2 days per week in either medical oncology or radiation oncology and the remainder of the time in either the urology oncology clinic or ORs. We will attempt to focus the rotation based on the student’s interest, OR vs. clinical time. The student will attend the urology conferences, specifically indications, radiology, and pathology conference in addition to the bi-monthly multispecialty tumor board. This course is designed for students planning to enter into primary care that have an interest in oncology or men’s health issues and for students with an interest in urology.

FACULTY: Drs. O’Donnell, Brown, Tracy, and Nepple

MAX ENROLLMENT: 1

OFFERED: Closed Nov

LENGTH OF ELECTIVE: 2 or 4 weeks

ADMINISTRATIVE CONTACT: Kris Greiner

REPORT TO: Dr. Tracy