Fourth Year Acting Internships

Medical

EMED 752 - Emergency Medicine Acting Internship

EMED 752 - Emergency Medicine Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Kim Scholfield: kscholfield@hmc.psu.edu 531-1443

Course Coordinator: Ms. Wendy Brendle: wbrendle@hmc.psu.edu

LOCATION: Hershey, Lehigh (Dr. Charles Worrilow), York (Dr. David Vega), and

Reading (Dr. Kristin Sandel & Dr. Charles Barbera)

MAXIMUM NUMBER OF STUDENTS: 5 (HY), 1 (Lehigh), 3 (York), and 1 (Reading) **WHEN OFFERED:** All Rotations (HY, York and Reading); January-June (Lehigh)

For the YORK location: only 4th year students who are interested in Emergency Medicine as a career may sign up for rotations during the months of August through December. January through July are available at York for all students.

LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

TIME AND LOCATION: 7:00 a.m., Emergency Department

DESCRIPTION: This elective/acting internship in emergency medicine provides the student with experience in the diagnosis and management of acute medical and surgical problems. The educational experience occurs in the Emergency Department and supervision is provided by faculty and residents. Students are assigned patients and their evaluations and recommendations reviewed by supervisory personnel. The student is made an integral part of the Emergency Department team. In that context, students participate in teaching conferences, patient care, and quality assurance activities. The instructional objective of this course is to provide the student with a clinical setting which provides a basic broad experience in the various aspects of emergency medical services and the initial approach to the management of acute medical and surgical problems.

<u>FCMED 722 - Family and Community Medicine Acting Internship</u>

FCMED 722 - Family and Community Medicine Acting Internship - 5 credits COURSE DIRECTOR: Dr. N. Benjamin Fredrick: nfredrick@hmc.psu.edu 531-8181 Course Coordinator: Wendy Willenbecher: wwillenbecher@hmc.psu.edu 531-8736 LOCATIONS: Hershey Medical Center Family Medicine Inpatient Service, University Physician Group Outpatient Offices, or PSU Family Medicine Residency Program in Lebanon, PA (inpatient and outpatient sites)

MAXIMUM NUMBER OF STUDENTS: N/A

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Limited to students enrolled in The Pennsylvania State University College of Medicine who have completed their third year core clerkships.

DESCRIPTION: Opportunity to assume the responsibility of a 1st year resident with either an inpatient or outpatient focus. Continue to develop diagnostic skills on either an inpatient or outpatient population and continue to develop differential diagnoses and treatment plans while mastering patient communication skills. Depending on availability (first-come-first-served basis) students may select a inpatient-only month, outpatient-only month, or a split inpatient-outpatient month.

STUDENTS <u>MUST</u> CONTACT THE FAMILY AND COMMUNITY MEDICINE OFFICE OF PREDOCTORAL EDUCATION FOR APPROVAL <u>BEFORE</u> REGISTERING FOR THIS ACTING INTERNSHIP.

MED 722 - Medicine Acting Internship

MED 722 - Medicine Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Philip Masters: pmasters@hmc.psu.edu 531-8390

Course Coordinator: Ms. Debra Lutz: dlutz@hmc.psu.edu

LOCATION: Hershey, Lebanon VA (Dr. Anthony Slavinski), Lehigh (Dr. Sandeep

Mehrok), and Harrisburg (Sandy Newman-contact)

MAXIMUM NUMBER OF STUDENTS: 3 (HY), 2 (Lebanon VA), 1 (Lehigh), and 1

(Harrisburg)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third Year Medicine Clerkship.

ADMINISTRATIVE CONTACT: Debra Lutz

TIME AND LOCATION: Information will be sent to students 1-2 weeks prior to rotation.

DESCRIPTION: A four-week rotation designed to build upon previous clinical experiences in the basic medicine clerkship and provide students with a broad exposure to internal medicine at an advanced practice level.

Course Objectives: 1) To continue development and refinement of basic clinical skills. 2) To expand the fund of knowledge of clinical disease and underlying physiology and pathophysiology. 3) To advance recognition of the clinical manifestations of different disease states and expansion of ability to generate broad differential diagnoses based on clinical findings. 4) To expand the ability to design and pursue diagnostic approaches to evaluate clinical problems. 5) To permit the development of evidence-based treatment plans for patients, follow the course of disease and observe how this may be modified by therapy. 6) To further the development of interpersonal skills and appreciation for the patient as an individual, and to expand professional ability to function as a physician. 7) To foster a firm understanding of the practical aspects of patient management.

Course Specific Requirements: Acting interns participate fully in the clinical care of patients. This includes (but is not limited to) close patient follow-up several times daily, performance of bedside procedures, coordination of care with consultants and ancillary medical personnel, arrangement and follow-up of diagnostic and therapeutic interventions, addressing psychosocial needs, and discussion with patient's and families.

MED 733 - Cardiology Acting Internship

MED 733 - Cardiology Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Edward Lankford: elankford@hmc.psu.edu 531-4878

Course Coordinator: Nakomis Maher: nmaher@hmc.psu.edu

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 2 (HY)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third Year Core Clerkships.

ADMINISTRATIVE CONTACT: Nakomis Maher x287593

TIME AND LOCATION: 8:00 a.m., Room C1518

DESCRIPTION: Fourth year students obtain advanced training in the diagnosis and management of patients with cardiac disease by functioning as an acting intern on one of the two cardiology teams. Both teams admit to the MICU, intermediate care, and general patient floors and both admit patients with acute myocardial infarction. The White Team has a heavier emphasis on heart failure and electrophysiology, the Blue Team on ischemic heart disease. Attempt will be made to honor student requests for placement on White or Blue Team dependent on number of students assigned per rotation.

Course Objectives: To allow students to further their skills in the diagnosis and treatment of cardiac patients.

Course Specific Requirements: Students are expected to participate fully the diagnosis and management of cardiology inpatients. Attendance at cardiology conferences and presentations if applicable.

MED 749 - ICU/CCU Acting Internship

MED 797C - ICU/CCU Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Margaret Wojnar: mwojnar@hmc.psu.edu 531-6525

Course Coordinator: Ms. Renee Morton: rmorton@hmc.psu.edu

LOCATION: Hershey, Lehigh (Dr. Daniel Ray/Dr. Joseph Neri) and Harrisburg (Dr. Safa

Farzin)

MAXIMUM NUMBER OF STUDENTS: 1 (HY), 1 (Lehigh), 1 (Harrisburg)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third Year Core Clerkships. **ADMINISTRATIVE CONTACT:** Renee Morton

TIME AND LOCATION: For Hershey: 7:00 a.m.; MICU, 6th Floor South - ICU Senior

Resident

(OPTIONAL: Report night before and speak with Senior Resident On-Call)

DESCRIPTION: Senior students assume Acting Intern responsibilities on this combined Critical Care - Coronary Care rotation. This intense training is recommended for highly motivated students interested in a "hands-on" experience in the critical care unit.

Course Objectives: Main topics and concepts covered during this elective are: airway management, ventilators, hemodynamic monitoring, pharmacologic agents in the MICU, developing skill and comfort with the "acute" patient, developing comfort with end-of-life issues.

Course Specific Requirements: Presentation of new admissions (approximately two new admissions every four days). Short review of topic pertinent to admission once/week.

MED 757 - Hematology/Oncology Acting Internship

MED 757 - Hematology/Oncology Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Witold Rybka: wrybka@hmc.psu.edu 531-5909

Course Coordinator: Ms. Lynn Kreider: lkreider@hmc.psu.edu

LOCATION: Hershev

MAXIMUM NUMBER OF STUDENTS: 1

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third Year Core Clerkships

REPORT TO: Lynn Kreider

TIME AND LOCATION: 8:00 a.m.; 7th floor Hem/Onc Unit

DESCRIPTION: Students will function as acting interns in the inpatient hematology/oncology unit under the direction of senior residents, fellows, and faculty. Students, In addition to caring for patients with hematologic and oncologic malignancies, will be introduced to bone marrow transplantation as a treatment modality.

Course Objective: To provide students interested in the care and treatment of hematology/oncology patients further insight into this specialty.

Course Requirements: Direct patient care and management. Attendance at conferences and presentations as required.

<u>PED 710 – Pediatric Hematology/Oncology Acting Internship</u>

PED 710 – Pediatric Hematology/Oncology Acting Internship – 5 credits COURSE DIRECTOR: Dr. Andrew Freiberg: afreiberg@hmc.psu.edu 531-6012

Course Coodinator: Ms. Barb Lytle: blytle2@hmc.psu.edu

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships

REPORT TO:Hem/Onc Attending – Call Barb Lytle at x6012 **TIME AND LOCATION:** 8:30 a.m.; Pediatric Library, 7th Floor

Only one student can be accommodated per rotation and the student must decide on one of the two avenues of study noted below. The acting internship is managed by Dr. Andrew Freiberg, who is responsible for the overall schedule for the student and the individual project.

- 1. Acting Internship
- II. Peds Hem/Onc Clinic

I. Acting Internship

• The student will follow several (usually 2 or 3) inpatients

Students will present patients at daily rounds.

Student will enter CPOE orders to be consigned by resident or attending.

Student will prepare discharge instructions and discharge summary

At least one weekend per month seeing patients and writing daily notes.

• Pediatric Hematology/Oncology clinic (UPC 1100)

Wednesday afternoons

Friday all day after rounds (consult clinic and sickle cell clinic on alternate Fridays)

Attend Division academic conferences (C7602)

Peds H/O research conference Friday, 12:15

Peds tumor board 1st and 3rd Friday, 1:00

II. Pediatric Hematology/Oncology clinic

- Report to clinic at 9:00 after morning report (H7306)
- Attend Tuesday inpatient attending rounds (H7306) then report to clinic
- Pediatric Hematology/Oncology clinic M-F (UPC 1100): The student will see patients at the discretion of the attending. Patients include hematology consults, new oncology referrals, and patients with oncologic and hematologic disorders on and off therapy.
- Friday consult clinic and sickle cell clinic on alternate Fridays (UPC 1100)
- 2nd Friday afternoon Peds neuro-Onc clinic (UPC 1100)
- Wednesday afternoon Hemophilia Clinic with Dr. Ungar 1 week per month (rehab

clinic)

- Attend resident noon conference daily depending on topic and if able to leave clinic
- Attend Division academic conference

PED 727 - Neonatology Acting Internship

PED 727 - Neonatology Acting Internship - 5 credits

PROGRAM DIRECTOR: Dr. Timothy W. Palmer: tpalmer@hmc.psu.edu 531-8412 **Course Coordinator:** Administrative Assistant, Division of Newborn Medicine 531-

8412

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: Administrative Assistant, Division of Newborn Medicine

TIME AND LOCATION: 8:00 a.m.; Room C7632

DESCRIPTION: During this clinical acting internship, students will be responsible for the day-to-day management of patients in the Neonatal Intensive Care Unit (NICU). This rotation may also be used as an elective for those interested in Pediatrics or Obstetrics. The goal of the rotation is to provide education in the care and management of patients in the NICU including: organizational skills required for this acute care setting, daily exam and management, and documentation. The student will have the opportunity to become skilled in procedures such as neonatal resuscitation, umbilical line placement, phlebotomy, and intravenous access as well as other procedures that arise in the daily activities of the unit. The student will also learn process of lab result evaluation, neonatal resuscitation, respiratory support, and ventilation, fluid and electrolyte management, and nutrition management in the NICU patient population. The student will be expected to participate in on-call activities every fourth evening or overnight with the senior pediatric resident, neonatal fellow, or neonatal nurse practitioner. The focus of patient care will be on those diseases commonly associated with prematurity, congenital syndromes, cardiac anomalies, surgical issues, and infections. The student will also be actively involved with teaching rounds, radiology conferences, and multidisciplinary discharge planning. A copy of the curriculum and list of responsibilities of the Neonatal Acting Intern is available via e-mail from the director.

PED 770 – Pediatric Critical Care Medicine Acting Internship

PED 770 – Pediatric Critical Care Medicine Acting Internship – 5 credits COURSE DIRECTOR: Dr. Steven Lucking: slucking@hmc.psu.edu 531-5337

Course Coordinator: Ms. Lois Marshall: Imarshall@hmc.psu.edu

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1 (2 during Jan., Feb., Mar., and April)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

TIME AND LOCATION: 8:00 a.m.; Pediatric Intensive Care Unit

DESCRIPTION: An elective designed to give the students experience with the specialty of Pediatric Critical Care Medicine. Students will learn the principles of evaluation and management of the child with serious pulmonary insufficiency. This experience will include airway management and ventilator support of children with respiratory failure. Students will also learn the multidisciplinary support of critically ill children with traumatic injury including severe traumatic brain injury, central nervous system infections, toxicological emergencies, cardiovascular instability and multi-system organ failure. Students will function as the primary house officer for one or more patients and are expected to present their patients during morning and afternoon rounds, participate in night call on an average of one night in four and will have the opportunity to perform invasive procedures under the supervision of the Pediatric Critical Care staff.

<u>PED 780 - Pediatric Acting Internship</u>

PED 780 - Pediatric Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Kelly Leite: <u>kleite@hmc.psu.edu</u> 531-6846 **Course Coordinator**: Ms. Linda Watson: <u>lwatson3@hmc.psu.edu</u> and

Ms. Rose Santeusanio: rsanteusanio@hmc.psu.edu

LOCATION: Hershey and Lehigh (Dr. Richard Mazzaccaro)

MAXIMUM NUMBER OF STUDENTS: 1 at Hershey and 1 at Lehigh

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: Hershey - Senior Resident Pediatrics; Lehigh - Dr. Richard Mazzaccaro **TIME AND LOCATION:** HY - 7:30 a.m., 7th Floor IMC; Lehigh - 7:00 a.m., 4B, Cedar

Crest and I-78 Site

DESCRIPTION: The AI experience reinforces and expands the principles of inpatient pediatric care for fourth year medical students motivated to perform as acting interns. The AI will be expected to take on more patient responsibility than do clerkship students. During this month, there will be increased opportunities for the AI to interact directly with patients and their parents, senior residents, faculty, and other staff. Oral presentations, development of a differential diagnosis and patient management skills are emphasized. At Hershey, night call will consist of one 24 hour Saturday call and one week of Monday through Friday night float (3rd week of rotation). At Lehigh, the call will be every fourth night.

<u>PSCHT 771 - Adult Psychiatry Inpatient Acting Internship</u>

PSCHT 771 - Adult Psychiatry Inpatient Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Paul Brettschneider <u>pbrettschneider@hmc.psu.edu</u>. His office is located at the Pennsylvania Psychiatric Institute in Harrisburg. Telephone

Number: 782-2104. (Initial inqueries should go to Pat Donnelly)

Course Coordinator: Ms. Pat Donnelly: pdonnelly@hmc.psu.edu, 531-8136

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1

WHEN OFFERED: All Rotations

PREREQUISITE: Third year core clerkships.

FOR HERSHEY REPORT TO: Nan Walton/Cindy Garberich

TIME AND LOCATION: 8:30 a.m, 3rd Floor, Memorial Building, Pennsylvania

Psychiatric Institute, Harrisburg

DESCRIPTION: This four week elective on the adult psychiatry inpatient unit is designed to enable the student to gain a broad understanding of psychiatric principles and techniques useful in dealing with adult and adolescent patients in any setting including primary care practice. The student experience is similar in many respects to that of a resident in Psychiatry. During this elective experience the student is closely supervised by an attending psychiatrist. The student becomes the primary therapist/physician for five to eight carefully selected inpatients who may have any of the broad spectrum of psychiatric disorders including Mood Disorders, Anxiety Disorders, Schizophrenia, Eating Disorders, Somatoform Disorders, and Substance Use Disorders.

Students will develop skills in interviewing patients, making diagnostic assessments, and developing and implementing treatment plans. Students will learn the basic principles of individual insight-oriented psychotherapy, cognitive therapy, supportive therapy, behavioral modification, family therapy, and psychopharmacotherapy. This elective is designed both for students going into primary care who want to enhance their psychiatric skills and for students who have an interest in Psychiatry as a career choice. One student may be accepted for this four week elective.

<u>PSCHT 773 - Child Psychiatry Inpatient Acting Internship</u>

PSCHT 773 - Child Psychiatry Inpatient Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Leonora Petty: lpetty1@hmc.psu.edu 782-6480. Dr. Petty is

located on the 7th Floor Landis Building of the Pennsylvania Psychiatric Institute. **Course Coordinator:** Ms. Pat Donnelly: pdonnelly@hmc.psu.edu, 531-8136

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1 (HY)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships. **REPORT TO:** Nan Walton/Cindy Garberich

TIME AND LOCATION: 8:30 a.m.; 3rd floor, Memorial Building, Pennsylvania

Psychiatric Institute, Harrisburg

DESCRIPTION: This four week elective on the child psychiatry inpatient unit is designed to enable students to enhance their understanding of child development, the differential diagnosis of psychiatric disorders, and treatment techniques employed with mentally ill children three to 13 years of age. The student experience is similar in many respects to that of a resident in child psychiatry. The student will follow two or three carefully selected child inpatients who may have one of the broad spectrum of childhood psychiatric disorders requiring hospitalization. During this elective experience the student is closely supervised by the attending child psychiatrist.

The student will learn the basic principles of child psychotherapy, play therapy, milieu therapy, family therapy, parent education, and psychopharmacotherapy in children. Students will also develop their skills in interviewing children, making diagnostic assessments, and developing and implementing treatment plans with children. This will include understanding how to set up a behavior modification program for the child while on the unit and how to teach the parents to follow through with behavioral strategies at home after discharged.

Students with career interests in pediatrics or family practice will find this elective particularly helpful, in that it will provide the last opportunity for formal psychiatric training in areas of child behavior management, parent training, and in the early identification, treatment and referral of children with emotional and behavioral problems. One student may be accepted for this four week elective.

Surgical

ANSTH 740 - Anesthesia Acting Internship

ANSTH 740 - Anesthesia Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Stene: jstene@hmc.psu.edu 531-8434 Course coordinator: Ms. Bonnie Smith: bsmith1@hmc.psu.edu

LOCATION: X-Ray View Box, Unit 2: 0730 **MAXIMUM NUMBER OF STUDENTS:** 2

WHEN OFFERED: All Rotations
LENGTH OF ELECTIVE: One Month

PREREQUISITES: Anesthesiology 700 and third year core clerkships.

REPORT TO: SICU Fellow or Attending

DESCRIPTION: The Anesthesia Critical Care Internship will expand on the experiences obtained in Anesthesia 700 and/or 770. The acting internship is designed to provide the student with an opportunity to participate in the perioperative management of patients undergoing complex surgical procedures and critically ill neurologic patients requiring management in the NeuroScience Intensive Care Unit. Emphasis is placed on areas of pulmonary, cardiovascular, neurological, nutritional, infections, and pain management. Acting Interns will be evaluated by the SICU Attending and fellow based on their active participation in daily rounds, knowledge of critical care medicine, procedural skills, and eagerness to learn. Al's will be expected to present one case during joint MICU/SICU

conference and take call on average of two times per week in conjunction with a resident assigned to the SICU. There will also be opportunities for interested Al's to participate in the intraoperative anesthetic management of patients undergoing complex surgical procedures, however this is not a primary component of this rotation.

EMED 752 - Emergency Medicine Acting Internship

EMED 752 - Emergency Medicine Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Kim Scholfield: kscholfield@hmc.psu.edu 531-1443

Course Coordinator: Ms. Wendy Brendle: wbrendle@hmc.psu.edu

LOCATION: Hershey, Lehigh (Dr. Charles Worrilow), York (Dr. David Vega), and

Reading (Dr. Kristin Sandel & Dr. Charles Barbera)

MAXIMUM NUMBER OF STUDENTS: 5 (HY), 1 (Lehigh), 3 (York), and 1 (Reading) **WHEN OFFERED:** All Rotations (HY, York and Reading); January-June (Lehigh)

For the YORK location: only 4th year students who are interested in Emergency Medicine as a career may sign up for rotations during the months of August through December. January through July are available at York for all students.

LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

TIME AND LOCATION: 7:00 a.m., Emergency Department

DESCRIPTION: This elective/acting internship in emergency medicine provides the student with experience in the diagnosis and management of acute medical and surgical problems. The educational experience occurs in the Emergency Department and supervision is provided by faculty and residents. Students are assigned patients and their evaluations and recommendations reviewed by supervisory personnel. The student is made an integral part of the Emergency Department team. In that context, students participate in teaching conferences, patient care, and quality assurance activities. The instructional objective of this course is to provide the student with a clinical setting which provides a basic broad experience in the various aspects of emergency medical services and the initial approach to the management of acute medical and surgical problems.

OBGYN 701 - ObGyn Acting Internship

OBGYN 701 - ObGyn Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Rae Kennedy: rkennedy@hmc.psu.edu 531-8141

Course Coordinator: Ms. Cheryl Mathias: amathias1@hmc.psu.edu

LOCATIONS: Hershey, Harrisburg (Dr. Norman Navarro), Lehigh Valley Hospital (Dr. Kristen Friel), Reading (Dr. Anton Kleiner), York (Dr Leslie Robinson) and Lancaster (Dr Daniel Weber).

MAXIMUM NUMBER OF STUDENTS: 1 (Harrisburg), 1 (Lancaster), 1 (Lehigh), 1

(Reading), 1 (York)

WHEN OFFERED: All rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

DESCRIPTION: These courses are designed to expose the advanced student to obstetrics and gynecology in a community hospital setting. The student will be responsible in obstetrics for the management of antepartum and postpartum cases of both routine and high risk pregnancies. The student will participate actively with a resident and assume responsibility commensurate with an advanced elective course. The physiology of labor and delivery will be stressed. The gynecology component will include the full time activities of an active community hospital gynecologist. This will include experience in the office, in the outpatient setting of the hospital, the inpatient setting, and operating room. There is a possibility for individualized course directives to meet student interests to include such topics as general gynecology, urogynecology, and gynecologic oncology. This interest should be discussed with the program director at each individual location.

<u>OBGYN 710 - Clinical Gynecology Oncology Acting Internship</u>- contact Diane Gill for further information

ORTHO 730 - Adult Orthopaedic Acting Internship

ORTHO 730 - Adult Orthopaedic Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Edward Fox: efox1@hmc.psu.edu 531-4816 Course Coordinator: Ms. Janice Woodley: jwoodley@hmc.psu.edu

LOCATION: Hershey and Lehigh (Dr. Prodomos Ververeli) **MAXIMUM NUMBER OF STUDENTS:** 4 (HY) and 1 (Lehigh)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: For Hershey-Orthopaedic Chief Resident

TIME AND LOCATION: 6:00 a.m., Room C3862, BMR Building

DESCRIPTION: The acting internship is offered to give students an in-depth experience in orthopaedics. During the one month, the student will spend two weeks on each of two primary orthopaedic services: adult reconstruction, pediatric orthopaedics, sports medicine, spine, or trauma. The student may choose which two services on which to participate. During the two weeks, the student will have the opportunity to participate in patient care in the clinic, operating room, and the in-patient services. Student responsibility is that of a junior house officer with appropriate supervision. The student will be responsible to round with his/her team and to attend daily orthopaedic teaching conferences with the housestaff.

ORTHO 731 - Pediatric Orthopaedic Acting Internship

ORTHO 731 - Pediatric Orthopaedic Surgery Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Edward Fox: efox1@hmc.psu.edu 531-4816

Course Coordinator: Ms. Nancy White: nwhite@hmc.psu.edu

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships. **REPORT TO:** Orthopaedic Chief Resident

TIME AND LOCATION: 6:00 a.m., Room C3862, BMR Building

DESCRIPTION: This acting internship offers a broad exposure to the entire spectrum of pediatric orthopaedics with outpatient clinics in General Pediatric Orthopaedics, Spina Bifida, Cerebral Palsy, Scoliosis, Muscular Dystrophy, and Limb Deficiency and Limb Length Discrepancy. The student functions as a junior house officer under faculty supervision. The student is encouraged to tailor the elective to his or her specific interests. Those interested in a surgical career will wish more operating room exposure. Those seeking residencies in pediatrics or family medicine may wish to concentrate on the outpatient clinics.

SURG 710 - General Surgery Acting Internship

SURG 710 - General Surgery Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Dan Galvan: dgalvan@hmc.psu.edu 717-531-3563

Course Coordinator: Charity Pavlesich: cpavlesich@hmc.psu.edu

LOCATION(S): Hershey, Lehigh Valley Hospital (Dr. Dale Dargleben), and York (Dr.

Ebondo Mpinga)

SPECIFY EMPHASIS: General Surgery/Oncological Surgery or Trauma/Critical Care

MAXIMUM NUMBER OF STUDENTS: 2 (HY), 1 (LVH) and 1 (York)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: For Hershev-Gordon L. Kauffman, Jr., M.D.

TIME AND LOCATION: 7:30 a.m., Room C4630

NOTE: Students are to contact Dr. Gordon Kauffman initially upon interest and/or

signing up for this Acting Internship.

DESCRIPTION: This course is designed to reinforce and expand the principles of General Surgery/Oncological Surgery or Trauma/Critical Care Surgery in the inpatient, outpatient, trauma bay and operating room settings. The 4th year medical student is expected to assume a much greater role in the care and assessment of patients, than occurred during the 3rd year Clerkship. It is anticipated that the 4th year medical student will essentially function as an intern. Emphasis is placed on clinical problem solving in the clinics, on the wards, in the Emergency Department and in the Surgical

Critical Care unit. Indications, contraindications, morbidity and mortality associated with various frequently performed operative procedures are to be known by the 4th year medical student by the completion of the rotation. The 4th year medical student is also expected to even more familiar with the pertinent anatomy and the principles of the various operative procedures and traumatic injuries on which he/she scrubs. Emphasis is also given to teaching the appropriate way to present a patient to colleagues comprehensively and in an articulate and logical way.

COURSE OBJECTIVES:

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 711 - Cardiothoracic Surgery Acting Internship

SURG 711 - Cardiothoracic Surgery Acting Internship - 5 credits COURSE DIRECTOR: Dr. David Campbell: dbc2@psu.edu 531-8330

Course Coordinator: Becky Horn: rhorn@hmc.psu.edu

LOCATION: Hershey, Lehigh (Dr. Gary Szydlowski) and York (Dr. Ebondo Mpinga)

MAXIMUM NUMBER OF STUDENTS: 1 (HY), 1 (LVH) and 1 (York)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships. Preconference with division chief. A one-

page resume of education, experience, and research interests required before

interview.

REPORT TO: For Hershey- call pager #3211 for instructions

TIME AND LOCATION: 8:00 a.m., 5th Floor

DESCRIPTION: Participate in the preoperative work-up, intraoperative procedures, and postoperative care of patients undergoing a wide variety of cardiothoracic operations. Special duty assignments are also available.

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 712 - Surgical Endocrinology Acting Internship

SURG 712 - Surgical Endocrinology Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Dan Galvan: dgalvan@hmc.psu.edu 717-531-3563

Course Coordinator: Charity Pavlesich: cpavlesich@hmc.psu.edu

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.
REPORT TO: Gordon L. Kauffman, Jr., M.D.
TIME AND LOCATION: 7:30 a.m., Room C4630

DESCRIPTION: An indepth experience involving the medical and surgical management

of endocrinological disorders. Special projects are encouraged.

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.

10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 713 - Vascular Surgery Acting Internship

SURG 713 - Vascular Surgery Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Robert Atnip: ratnip@hmc.psu.edu 531-8866 Course Coordinator: Brenda Hicksenheiser: bhicksenheiser@hmc.psu.edu LOCATION: Hershey, Lehigh (Dr. Eric Wilson) and York (Dr. Ebondo Mpinga)

MAXIMUM NUMBER OF STUDENTS: 1 (HY), 1 (LVH) and 1 (York)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: For Hershey- Prior to the Rotation Call Brenda Hicksenheiser

TIME AND LOCATION: Call Brenda Hicksenheiser 531-8866

DESCRIPTION: An acting internship designed to provide the student with an in depth

appreciation of all facets of vascular surgery.

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.

- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 714 - Transplant Surgery Acting Internship

SURG 714 - Transplant Surgery Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Zakiyah Kadry: zkadry@hmc.psu.edu 531-5921

Course Coordinator: Laura Wilkins: lwilkins@hmc.psu.edu

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1

WHEN OFFERED: All rotations LENGTH OF ELECTIVE: 1 month

PREREQUISITE: Third Year Core Clerkships

REPORT TO: Prior to the Rotation Call Laura Wilkins **TIME AND LOCATION:** Call Laura Wilkins 717-531-5921

DESCRIPTION: An in-depth experience in the preoperative evaluation, intra-operative procedures, and postoperative management of kidney, liver, and pancreas transplant patients.

COURSE OBJECTIVES: This course is designed to offer students an opportunity to be involved with the evaluation and management of patients on the transplant surgery service. It is designed to reinforce the principles of General Surgery which are learned in the third-year but with particular emphasis to the care of transplant patients. The 4th year medical student is expected to function as an intern. The 4th year student is also expected to become more knowledgeable of the pertinent anatomy and physiology of the various transplant organs and participate in the operating room to a greater extent. Emphasis is also given to presentation skills and patient assessments. Finally, transplantation represents a field that combines many disciplines of medicine and allows a medical student to learn how to interact in this collaborative environment

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the

differential diagnosis.

- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 720 - Plastic Surgery Acting Internship

SURG 720 - Plastic Surgery Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Donald Mackay: dmackay@hmc.psu.edu 531-4340

Course Coordinator: Maria Roman: mroman1@hmc.psu.edu

LOCATION: Hershey, Lehigh (Dr. Walter Okunski) and York (Dr. Ebondo Mpinga)

MAXIMUM NUMBER OF STUDENTS: 1 (HY), 1 (LVH), and 1 (York)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: Prior to the Rotation call Maria Roman **TIME AND LOCATION:** Call Maria Roman 717-531-4340

DESCRIPTION: A clinical experience designed to be an acting internship for one in the fourth year. Emphasis will include outpatient work as well as operating room experience. Clinical rounds, patient consultations, and division conferences are also included. Microsurgery practice and research laboratory work are encouraged. Each Student will be helped to develop a manuscript for publication in a basic science or clinical journal.

COURSE OBJECTIVES:

1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.

- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 722 – Hand Surgery Acting Internship

SURG 722- Hand Surgery Acting Internship – 5 credits

COURSE DIRECTOR: Dr. Randy Hauck: rhauck@hmc.psu.edu 531-4340

Course Coordinator: Maria Roman: mroman1@hmc.psu.edu

LOCATION: Hershey

NUMBER OF STUDENTS: 1
WHEN OFFERED: All Rotations
LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: Prior to the rotation call Maria Roman

TIME AND LOCATION: Call Maria Roman 717-531-4340

DESCRIPTION: This acting internship is designed to give the students an opportunity to participate in the preoperative, operative, and postoperative care of patients with hand problems including congenital and acquired conditions that affect the hand and upper extremity.

COURSE OBJECTIVES:

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 740 - Urology Acting Internship

SURG 740 - Urology Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Ross Decter: rdecter@hmc.psu.edu 531-8848

Course Coordinator: Danielle Shreiner: dshreiner@hmc.psu.edu

LOCATION: Hershey, Lehigh (Dr. Brian Murphy) and York (Dr. Ebondo Mpinga)

MAXIMUM NUMBER OF STUDENTS: 1 (HY), 1 (LVH) and 1 (York)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

FOR HERSHEY REPORT TO: Prior to the rotation call Danielle Shreiner 717-531-1131

TIME AND LOCATION: Call Danielle Shreiner 717-531-1131

DESCRIPTION: In-depth experience in evaluation and management of patients with adult and pediatric urologic problems. Specific concentration in pediatric urology, female urology, kidney and ureteral stones, oncology, or kidney stones is available. This fourth year acting internship is for the student who wishes a more intensive exposure to Urology. The time distribution is negotiable and a particular student interest in research or specific area of Urology can be accommodated.

COURSE OBJECTIVES:

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 741 - Surgical Intensive Care Unit Acting Internship

SURG 741 - Surgical Intensive Care Unit Acting Internship - 5 credits COURSE DIRECTOR: Dr. Dan Galvan: dgalvan@hmc.psu.edu 717-531-3563 Course Coordinator: Charity Pavlesich: cpavlesich@hmc.psu.edu 717-531-3563

LOCATION: Hershey and Lehigh

MAXIMUM NUMBER OF STUDENTS: 4 (HY) and 1 (Lehigh)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: For Hershey--see Nancy White prior to rotation, C4612; 531-4345

TIME AND LOCATION: TBA, H2096A

DESCRIPTION: An Intensive Care Unit exposure to patients after surgery and trauma. Emphasis is placed on teaching the techniques of pulmonary, cardiovascular, neurological, nutritional, and pain management. Principles of physiology are emphasized, and students participate in decisions of management. Students will be evaluated by the SICU faculty based on their participation in rounds, knowledge of critical care medicine, contribution to looking up and sharing new knowledge required by the team, procedural skills, eagerness to learn, and involvement in social interactions

with the family, etc. of their patients.

SURG 750 - Neurosurgery Acting Internship

SURG 750 - Neurosurgery Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Robert Harbaugh: rharbaugh@hmc.psu.edu 531-7487

Course Coordinator: Lynne Hamann: lhamann1@hmc.psu.edu 531-1279

LOCATION: Hershey and Lehigh (Dr P. Mark Li) **NUMBER OF STUDENTS:** 2 (HY) and 1 (LVH)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships. Preconference with chief of neurosurgery.

FOR HERSHEY REPORT TO: Chief Resident

TIME AND LOCATION: Before 8:00 a.m. or the first day; Room C3830 **DESCRIPTION:** Extensive experience in neurosurgery and related clinical

neurosciences.

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.

- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 770 - Otolaryngology Acting Internship

SURG 770 - Otolaryngology Acting Internship- 5 credits

COURSE DIRECTOR: Dr. Fred Fedok: ffedok@hmc.psu.edu 531-8946 **Course Coordinator:** Elizabeth "Beth" Shultz: eshultz@hmc.psu.edu

LOCATION: Hershey and York (Dr. Ebondo Mpinga)

MAXIMUM NUMBER OF STUDENTS: 2 (HY) and 1 (York)

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: Prior to the rotation call Beth Shultz 717-531-8946

TIME AND LOCATION: Call Beth Shultz 717-531-8946

DESCRIPTION: A clinical experience involving all aspects of Otolaryngology/Head and Neck Surgery. Emphasis will be on the outpatient clinic, floor rounds, consultations, and the operating room are closely coordinated and under the supervision of the faculty and resident staff.

- 1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency Department, the Surgical Intensive Care unit and on the wards.
- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.

- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".

SURG 780 - Pediatric Surgery Acting Internship

SURG 780 - Pediatric Surgery Acting Internship - 5 credits

COURSE DIRECTOR: Dr. Robert E. Cilley: rcilley@hmc.psu.edu 531-8342

Course Coordinator: Marcia Ritchie: mritchie@hmc.psu.edu

LOCATION: Hershey

MAXIMUM NUMBER OF STUDENTS: 1

WHEN OFFERED: All Rotations LENGTH OF ELECTIVE: 1 Month

PREREQUISITE: Third year core clerkships.

REPORT TO: Prior to the rotation call Marcia Ritchie 717-531-8342

TIME AND LOCATION: Call Marcia Ritchie 717-531-8342

DESCRIPTION: Further exposure to the surgical care of infants, children, and adolescents. Fourth year students are expected to accept primary care of their patients and to lead and teach the third year clerks. Go to surgery.psu.edu for educational objectives.

COURSE OBJECTIVES:

1. To solidify the basic knowledge of surgical diseases and trauma acquired during the third year clerkship. This involves the evaluation of patients in the Emergency

Department, the Surgical Intensive Care unit and on the wards.

- 2. To expand the fund of knowledge acquired during the third year clerkship, including pathophysiology, anatomy, and surgical principles.
- 3. To expand the recognition of clinical presentations of a variety of surgical diseases and develop a broad differential diagnosis.
- 4. To critically design an appropriate diagnostic plan to rule in or rule out diseases in the differential diagnosis.
- 5. To know the medical and surgical options to treat surgical diseases and trauma.
- 6. To understand the principles of evidence based therapeutic options for patients with surgical diseases and trauma patients.
- 7. To assume the care of several patients with a variety of surgical diseases, to observe the course of the disease and how it is modified by medical or surgical intervention.
- 8. To assume the total care, as appropriate, of patients initially seen in the clinic or Emergency Department and admitted to the hospital: attending to their needs, developing rapport with them, being with them in the operating room and participating in their disposition at discharge.
- 9. To further develop interpersonal skills with patients, students, residents, and faculty.
- 10. To understand the financial aspects and ramifications of surgical intervention and the concept of "best practice".