Anes 4013 Anesthesiology - WIH

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The focus of this elective is to learn the principles of airway management. In addition, there will be an emphasis on learning about the peri-operative management of the surgical patient. You will work closely with Anesthesiologists, nurse anesthetists and anesthesia trained nurses.
**Anes 4020 Pediatric Anesthesiology**

**MD Students Accepted:** Yes  
**DO Students Accepted:** No

**Course Description:**
Most students who take this rotation are doing it to enhance pediatric airway skills, often in anticipation of going into pediatrics - if that is the case, we will likely direct the student for the first week (generally, students sign up for 2 weeks) to the adult operating rooms to gain experience with adult airways, which tend to be a bit more straightforward. In that sense, some experience in adult anesthesia is a prerequisite for our rotation, at least if airway management is desired. The student will be expected to spend the day in an operating room with either a pediatric anesthesiologist or a CRNA. They will have the opportunity to see cases from start to finish. This should give some time for didactic discussions about topics of future interest to the student.
Derm 3040 Dermatology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Become familiar with common inflammatory and neoplastic dermatologic disorders. Determine when appropriate referrals to dermatologists are necessary. Become familiar with common dermatologic procedures including shave biopsy, punch biopsy, and cryotherapy.
EM 5620 Emergency Medicine – Rhode Island Hospital

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This course aims to build and expand the student’s knowledge in medical and surgical emergencies encountered in children, adolescents, adults and elders. Students are given the opportunity to evaluate and manage undifferentiated patients in a variety of departmental settings, including critical care, trauma, urban and community sites, behavioral health and pediatrics. Students are trained in the skillful performance of emergency procedures along with the indications, complications and limitations of each. Students are encouraged to gain experience and proficiency in procedures through performance of procedures while in the emergency department. Students are scheduled on morning and evening shifts, as well as two night shifts, rotating through several emergency department sites and settings. Students see patients selected with the guidance of an attending or resident physician in accordance with their level of training and/or interest. In general, students are allowed to evaluate any patient presenting to the emergency department and are not limited to certain types of patients or presenting complaints. Students are encouraged to take active primary responsibility for each patient they see and evaluate while working directly with a supervising resident or attending physician in the care of their patients. The student performs an H&P, reviews records, orders lab and radiographic tests, and initiates consults after discussion of the case with the attending physician. Students are expected to use their fund of knowledge along with the ability to collect and organize a meaningful history and physical, and organize and assess data, to formulate a problem list and differential diagnoses. While creating a differential diagnosis, students should acknowledge the roles the patient’s family, occupational and social environments play in the current illness as well as any potential or existing health problems within the community. Based on the differential diagnoses, problem list and discussions with the patient, the student initiates investigations and consultations and then interprets this information. Students are encouraged, under direct physician supervision, to take a primary role in any procedures their patient needs. Clinical skills for each student are evaluated by direct observation, presentation to and discussion with the emergency medicine faculty physician supervising the student during each shift.

Each faculty member rates the student’s ability to formulate a therapeutic treatment plan, recognize the need for urgent treatment and monitor the patient’s progress over time as either “below expected”, "at expected” or “advanced”. <Continued on next page>
Throughout the month several small group sessions and didactics are scheduled to cover core topics in emergency medicine and discuss the therapeutic management of common emergency encounters. High fidelity simulation scenarios and hands-on small group sessions allow the student to experience treating critically ill “patients” in a controlled setting and gain experience in performing procedures. Students are required to attend these sessions as well as the Department of Emergency Medicine weekly conference. Students are expected to give a final case presentation of a patient case they were involved in during the time of their EM rotation, and successfully pass the final written exam. Students taking the elective during the late summer and early fall may experience a more intensive course designed for those students planning on applying for residency in emergency medicine.
EM 5630 Emergency Medicine – Memorial Hospital of Rhode Island

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
EM-5630 Emergency Medicine is a comprehensive rotation in Emergency Medicine at an academic community hospital. Students will be expected to obtain a history and physical, formulate a differential diagnosis ruling out life-threatening disease processes and an appropriate diagnostic and treatment plan, follow-up on testing and treatment, and helping to arrange disposition for patients. Students will be expected to take ownership of their patients. Students will be expected to learn basic ED procedures such as suturing, splinting, and incision and drainage as well as take part in more advanced procedures such as endotracheal intubation, ACLS, lumbar puncture, and other procedures their patients may require. Students will work a variety of shifts, including overnight shifts.
EM 5650 Pediatric Emergency Medicine – Hasbro Children’s Hospital

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Pediatric Emergency Medicine is a 4 week elective in which a senior student rotates in Hasbro Children's Hospital's Emergency Department. Following Orientation, they work about 14 shifts in the department, where they will gain exposure to a wide variety of children's illnesses and injuries, from trivial to severe or life threatening. They will learn the concepts of triage and patient prioritization, taking history and performing exams on patients with undifferentiated complaints, presentation of these patients to their supervising attending or fellow, development of differential diagnosis, drafting effective treatment plans, and communicating these plans back to families, consultants and follow up providers. They will likely be exposed to a number of procedures that are commonly performed in the pediatric emergency department. There is didactic instruction on wound care skills, splinting and orthopedic injuries, critical care, and other topics related to Pediatric EM.
ENT 4210 Otorhinolaryngology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
In this course the student will be introduced to the field of Otolaryngology, both in inpatient and outpatient settings. The student will become familiarized with the physical examination of the head and neck and will receive a broad exposure to the clinical practice of ENT medicine and surgery. The student will work with the hospital-based ENT team, helping manage inpatients, assessing floor and ER consultations, and participating in surgeries and procedures in and out of the operating room. The student will also attend the outpatient ENT clinic.
FM 5480 Rural Community Medicine

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students work in a collegial and fun team environment alongside a board certified emergency medicine physician (and former EM Residency Director) and a Family Practice RNP caring for the urgent and emergent medical needs of Block Island’s resident and tourist population. Students perform history and physical exams, ECG’s, wound care and laceration repair, care of orthopedic injuries including sprains, fractures and dislocations—all under direct supervision and with one on one teaching. Primary care is predominant in June and September with 10-25 visits per weekday. Urgent care is more frequent during July and August when visits range from 25 to as high as 50 visits per day as a result of increased tourism. Noontime lectures on clinical topics offered by the course instructor daily. Students will be required to present one or two case discussions during the rotation.

For more information about Block Island Medical Center and the student rotation go to: bihealthservices.com and look under the education tab.
FM 5820 Family Medicine elective

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This is a senior-level family medicine course that is intended to teach students intern-level skills in both the in-patient and out-patient settings. The student will spend time on both the family medicine in-patient service as well in in the the Family Care Center, the MHRI out-patient clinic.
FM 5850 Primary Care Sports Medicine

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
In this 2 to 4 week elective, medical students will work in the field of Primary Care Sports Medicine. They will work in the offices of Primary Care Sports Medicine physicians, at local colleges (if they are in season) and have the opportunity to assist in game coverage.
FM 5870 Subinternship in Family Medicine

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This is a senior level family medicine course that is intended to teach students intern-level skills in the inpatient setting. The student will function as an intern on the Family Medicine Service. As such, the student will assess adult patients upon their admission to the hospital, perform full histories and physicals, and construct an initial care plan. They will discuss the care plan with their senior resident and attending physicians, write orders (under resident supervision), and manage all aspects of patient care, including calling necessary consults, and communicating with family members. The student will see his/her patients daily, write progress notes, and present the patients on daily rounds. When the patient is ready for discharge, the student will help with discharge planning and communicate that plan to the patient, the patient's caregivers, and outpatient team.
IM 3020 Nephrology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The goal of the nephrology elective is to introduce students to all aspects of clinical nephrology, building on the material they covered during the renal pathophysiology course during their second year. The elective is offered at 3 sites: Rhode Island Hospital, The Miriam Hospital and the VA Medical Center of Providence. Working with attending physicians, renal fellows and residents, students will perform consults on the inpatient service and have the opportunity to see patients in the outpatient clinics. Scenarios encountered may include acute kidney injury, chronic kidney disease, electrolyte and acid-base disorders, hypertension, kidney stones, evaluation of proteinuria and hematuria, need for different modalities of renal replacement therapy, role of palliative care in nephrology. They will learn to examine the urine sediment under the microscope.
IM 3030 Nephrology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The goal of the nephrology elective is to introduce students to all aspects of clinical nephrology, building on the material they covered during the renal pathophysiology course during their second year. The elective is offered at 3 sites: Rhode Island Hospital, The Miriam Hospital and the VA Medical Center of Providence. Working with attending physicians, renal fellows and residents, students will perform consults on the inpatient service and have the opportunity to see patients in the outpatient clinics. Scenarios encountered may include acute kidney injury, chronic kidney disease, electrolyte and acid-base disorders, hypertension, kidney stones, evaluation of proteinuria and hematuria, need for different modalities of renal replacement therapy, role of palliative care in nephrology. They will learn to examine the urine sediment under the microscope.
IM 3050 Gastroenterology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
This course emphasizes the pathophysiology of liver and GI diseases and how this information can be employed to understand disease symptoms, progression and resolution in the context of a consultation. The students are expected to master history and physical diagnosis skills and to identify GI and liver diseases including their complications and progressions. Emphasis is placed basic concepts in physical diagnosis, laboratory evaluation and treatment plan. Basic science information is integrated into disease pathogenesis and the student is expected to read widely on their patients to understand the disease process and how it impacts patients activities and performance. Students are expected to present their patients on service rounds to the Attending, Housestaff, and GI Fellows and are part of the team approach to the diagnosis and management of GI/Liver diseases.
IM 3065 Infectious Disease

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Inpatient Infectious Disease consults
IM 3070 Infectious Disease

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Inpatient Infectious Disease consults
IM 3080 HIV/AIDS

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The Immunology Center provides care for 1600 HIV positive patients and is the largest HIV clinic in southeast New England. We provide comprehensive care in a multidisciplinary Ryan White-funded clinic. This rotation familiarizes students with all aspects of outpatient HIV primary and specialty care, with additional optional experiences working in the STI clinic and RISE (tuberculosis) clinic settings. The majority of this rotation is experiential – working with HIV specialists in the care of their patients – and the learning associated with individual patient encounters. Supplemental reading chosen to highlight and augment these specific topics are also provided.
IM 3100 Cardiology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students will be an active part of the Cardiology Consult service at Rhode Island Hospital. The team consists of an attending cardiologist, first or second year cardiology fellow and often a rotating medical resident or other medical student. Students will independently see and evaluate new consults, and present their findings to the cardiology fellow. They will then see the patients with the cardiology attending on afternoon rounds. Students will be expected to generate an appropriate differential diagnosis as well as an appropriate treatment plan. Participants will also be encouraged to attend the full complement of weekly conferences that occur in the cardiology division.
IM 3110 Cardiology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This course serves as an introduction to the care and evaluation of cardiac patients with acute cardiac disorders, particularly acute coronary syndromes, admitted to the Miriam Hospital CCU. In addition, cardiology consultations will be performed under the guidance of the Cardiology fellow and Attending on selected patients from the Cardiac and Medical floors.

Through this exposure the student will gain experience with diagnosis and management of cardiac patients and will be introduced to interpretation of the electrocardiogram, as well as to other diagnostic modalities including echocardiograms and cardiac catheterization.

Direct supervision will be provided by a team of Cardiology attendings and Cardiology fellows, as well as a team of experienced Cardiology PAs and Medical residents.
IM 3120 Coronary Care Unit (CCU)

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This course serves as an introduction to the care and evaluation of critically ill cardiac patients in the CCU at RI Hospital. Special emphasis will be placed on the diagnosis and daily management of cardiac patients with acute coronary syndromes, complications of myocardial infarction, advanced heart failure and life-threatening cardiac arrhythmias.

There will also be exposure to patients with valvular heart disease including patients undergoing percutaneous aortic valve replacement and mitral valve clip placement. Direct supervision will be provided by a rotating team of Cardiology Attendings and Cardiology fellows. Assistance and guidance will also be provided by an eight member team of Medical Residents assigned to the CCU monthly.
IM 3140 Cardiology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
General Goals: The goals for the rotation include a broad experience in consultative/inpatient cardiology. Consults will be seen and evaluated on the general medical floors throughout the hospital setting. This will include acutely ill patients in the intensive care units and emergency room. Through participation in the initial evaluation and ongoing care of these patients under close supervision, the student will broaden their knowledge base in cardiology and in consultative medicine.

Specific Objectives:

- Increase knowledge base in all aspects of clinical cardiology.
- Improve communication skills with other members of the treatment team.
- Utilize diagnostic testing appropriately for patients with cardiovascular disease.
- Formulate assessment and plan for cardiology patients, with appropriate input by attending.
- Understand the basic pharmacology of the commonly used drugs in the management of acute and chronic cardiac diseases
- Perform a thorough preoperative assessment
IM 3165 Med/Peds Infectious Diseases

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This is an opportunity to experience the breadth of infectious diseases across the age spectrum in both the inpatient and outpatient settings. Students spend two weeks in each division with time spent on the inpatient consult services in both pediatrics and medicine with opportunities to work in outpatient clinics caring for children and adults with HIV and other infectious diseases. It is a good opportunity to observe physicians with combined training in an academic setting. There is an opportunity to shadow residents in the primary care clinic associated with our combined residency program.

The elective is not a substitute for participating in an elective in either parent department if the student already has a strong inclination to pursue training in categorical medicine or pediatrics.
IM 3220 Endocrinology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students primary activity will be evaluation of patients with suspected endocrine disorders. Students will see patients in the inpatient and outpatient setting. They will be expected to collect an accurate history and gain competency in endocrine related physical examination skills and be able to formulate a differential diagnosis. Formal and informal case presentation and literature review of endocrine topics will be based on ad hoc basis.
IM 3230 Hematology Oncology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Develop expertise in principles of Hematology/Oncology Care
IM 3240 Hematology Oncology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students will work with the ward attending, both in morning clinic and afternoon rounds. Perform consults and then present patients to attending. We will also have didactic sessions lasting about one hour several times a week to discuss pertinent topics.
IM 3280 Allergy and Clinical Immunology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
This elective provides a one on one experience for students to work with faculty members in a busy outpatient allergy clinic. Occasionally there is a resident on elective as well. The clinic operates 5 days per week and is staffed by three rotating faculty members, Russell Settipane, MD, Alan Gaines, MD and Robert Settipane, MD. Disease states most frequently encountered include asthma, atopic dermatitis, urticaria, angioedema, primary immunodeficiency, eosinophilic esophagitis, stinging insect allergy, drug allergy, food allergy, rhinitis, chronic rhinosinusitis and allergic conjunctivitis. The student is provided with an 111 page clinical allergy syllabus (a published supplement from the journal, Allergy & Asthma Proceedings) containing concise reviews of these disease states.
IM 3290 Pulmonary Diseases

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
One month of evaluating patients with diverse pulmonary conditions and pathologies; this includes time working with the Fellow, taking independent histories and physicals; some bedside procedures; attending conferences.
IM 3300 Pulmonary Diseases

**MD Students Accepted:** Yes  
**DO Students Accepted:** Yes

**Course Description:**  
Students are expected to learn pulmonary medicine through following settings:

(1) *Clinical encounter:* Students are expected to see patients with pulmonary issues both in inpatient and outpatient settings. They will round with the pulmonary fellows as well as pulmonary attendings to present and discuss each case.

(2) *Pulmonary Function Tests (PFTs):* Students are expected to read PFTs with the supervision of pulmonary fellows as well as pulmonary attendings. Through reading them, they will learn how to read PFTs, including how they could differentiate obstructive vs restrictive lung disease, how they would evaluate DLCO.

(3) *Images:* We will review images, including Chest radiograph, computed tomography of the chest on a daily basis. Uniquely we would have a chance to learn ultrasonography of the lung and of the diaphragm.

(4) *Conferences:* They are expected to attend the Brown CHEST conference as well as radiology conference.
IM 3310 Pulmonary Diseases

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Students are assigned to the pulmonary consult service team and work closely with a supervising pulmonary attending and fellow on the service. The students are given the task of taking a focused history and performing a focused physical examination on patients for whom the team is consulted. The students would review the initial laboratory and radiographic studies and present the cases to the pulmonary/critical care team when they meet together to discuss cases to come up with recommendations. The students also participate in daily ICU rounds. They expected to follow the patients after the initial discussion and write follow-up progress notes.
IM 3331 Subinternship in Medicine - MH

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
A 4 week subinternship in Internal Medicine at the Miriam Hospital. Subinterns will rotate onto ward teams and assume responsibilities for patient care. Students will participate in daily rounds, interact directly with the nursing staff, and acquire clinical skills in preparation for intern year.
IM 3333 Subinternship in Medicine - RIH

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students on the subinternship are given responsibilities for direct patient care at a level commensurate with their training and within the constraints of institutional rules. They will be exposed to the full depth and breadth of internal medicine. They will be expected to provide the full care of their patients from admission through to discharge. The subinternship provides students with the opportunity to "be" an intern with all of the support provided to students. There is no absolute number of patients to be cared for during the month, rather that is decided based on the student and his/her team.
**IM 3350 Subinternship in Critical Care Medicine**

**MD Students Accepted:** Yes  
**DO Students Accepted:** No

**Course Description:**  
Students will receive formal didactics, hands-on training and have patient care responsibilities in a broad range of critical care topics, with both medical and surgical ICU patients. Topics covered include, but are not limited to: respiratory failure, hemodynamics, sepsis, ventilator management, end-of-life care, neurologic emergencies, post-operative care of the critically-ill surgical patient, sedation and analgesia and nutrition.
IM 3405 Medical Consult in OB/Gyn & Periop Med

**MD Students Accepted:** Yes  
**DO Students Accepted:** Yes

**Course Description:**  
Pregnancy. This rotation allows students to gain a good understanding of how internists can play an important role in the care of women who develop or have pre-existing medical conditions in pregnancy. Care in the preconception & post-partum periods are emphasized as well. Students gain experience in caring for these women both in the inpatient setting (usually more acute problems) and outpatient setting (ongoing care & counselling of patients).

Students also gain experience in acting as a medical consultant to post-operative surgical patients from the Gyn Oncology service. Below is a sample list of the most common medical disorders encountered during this rotation: Hypertensive disorders in pregnancy & preeclampsia; Peripartum cardiomyopathy & arrhythmias in pregnancy; Asthma in pregnancy; Liver disorders & inflammatory bowel disorders in pregnancy; Diabetes, obesity, thyroid & endocrine disorders in pregnancy; Polycystic ovarian syndrome hepatitis in pregnancy; Thromboembolic conditions & bleeding disorders in pregnancy; Rheumatoid arthritis & SLE in pregnancy; Headaches & seizures in pregnancy

**A note regarding all Ob/Gyn electives:**

We take great pride in the experience that visiting medical students have while taking electives and Sub-I’s in the Department of Obstetrics and Gynecology at Brown University/Women & Infants Hospital. We also recognize the limited time allowed for away rotations, the challenges of finding a program that is a "good fit" and the costs associated with 4th year away rotations.

Ours is a very competitive program, and there are certain screening metrics that must first be met by candidates to determine their likelihood of being offered an interview. We know that there are significant time commitments and resources involved with away rotations, and want to do all that we can to ensure the success of candidates when applying outside their own institution. As such, we are sharing our algorithm for offering interviews for our residency to help guide students trying to decide on whether to spend time in our Department. If your board scores and clerkship honors are not representative of the below, you may want to consider using your valuable elective spot at a different institution.

**Screening requirements (minimum to be considered for an interview)**  
Step 1 score at least 240.  
At least three honors in core clerkships. Two of these honors should be in ob/gyn, medicine and/or surgery.

Lastly, we would encourage you to discuss your plans for any electives or Sub-I’s with your advisor to obtain their input.
IM 3420 Physical Medicine & Rehabilitation

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Introduction to adult physical and medicine rehabilitation in a hospital based setting including outpatient spine/pain rehabilitation, outpatient general rehabilitation, inpatient neurologic rehabilitation, and outpatient adjunctive rehabilitation services including PT/OT/SCP.
IM 3500 Cardiovascular Practice & Consultation - Inpatient & Outpatient

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
General exposure to advanced clinical practice of Cardiovascular Medicine in an inpatient (community and academic hospitals) and outpatient setting, including participating in office hours, in-patient consultations, observing outpatient and inpatient testing, and all cardiac procedures. Exposure to advanced cardiac invasive, interventional and electrophysiology procedures. Exposure to advanced cardiac testing, including Echo, Nuclear Cardiology, and possibly Cardiac MRI and CT, if time allows. Potential for observation of cardiac surgery.
IM 3510 Clinical Reasoning & Human Error in Medicine

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students will learn clinical reasoning and human errors in medicine from the following activities:

(1) Lectures: Lectures will be provided on a daily basis (which include noon conferences and grand rounds), including the introduction to clinical reasoning and human errors in medicine. One unique aspect of this elective is that we always discuss things from error prevention point of view.

(2) Inpatient/ Outpatient Practices: Students have clinical encounter through multiple clinical settings, including outpatient (internal medicine clinic), inpatient (internal medicine floor), and intensive care unit. They are required to present a case to each attending physician in charge. At the end of each day, they will discuss the cases with the faculties to further dissect them to learn clinical reasoning (How they come up with the differential diagnosis, how we grade them, what kind of tests should be ordered on what ground? They also learn about basic Evidence Based Medicine (EBM) methodology (pre-test probability, Likelihood ratio, post-test probability, sensitivity, specificity, positive predictive value, negative predictive value).

(3) Morning reports: Students are asked to attend morning report to participate in the discussions to learn from more educational cases.

(4) Noon conferences: Students would participate in the noon conferences
Neuro 3760 Neurology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
A vigorous introduction to general Neurology in the outpatient setting with a small amount on inpatient exposure. This is a hands on experience where the student will be exposed to a wide variety of chronic neurological conditions from migraine headache, to epilepsy, multiple sclerosis, movement disorders, dementia and cerebrovascular disease.
Neuro 3770 Neurology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The Neurology Service at the VA is primarily an outpatient service (both consultative and neurologic primary care—i.e. we follow patients with chronic neurologic conditions) with a wide variety of diagnoses and 3 neurology attendings with various subspecialty interests. Students will have time with all 3 attendings. We see approx 10 inpatients/week as well. Students will be both shadowing Attendings and seeing patients on their own followed by presentation to Attendings, and will write notes on those patients. Although this is primarily an outpatient experience, students will see ED and inpatients at the Attending's discretion if circumstances are such that the Attending feels that would be the best educational experience for the student at the moment. Our goal is to optimize students' educational experience.
Neuro 3780 Advanced Elective in Neurology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Students will rotate for 4 weeks on their choice (space permitting) of an inpatient setting (vascular wards, general wards, adult consult service, NeuroICU) or an outpatient setting (various multidisciplinary clinics) or a combination of both. The elective is geared toward 4th year medical students intending to pursue a career in the neurosciences or who want more extensive expertise in neurology.
Neurosurg 3800 Neurosurgery

**MD Students Accepted:** Yes  
**DO Students Accepted:** No

**Course Description:**  
At the completion of this clerkship the student should have a good understanding of neurosurgical history taking and physical examination. They will also have a basic understanding of numerous routine and emergent neurosurgical diseases in the emergency room, Neuro ICU, inpatient ward and operating room. If it is their goal, the student will have ample opportunity for hands on operative experience.
Neurosurg 3815 Subinternship in Neurosurgery

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The subinternship in neurological surgery is an intensive 4-week rotation for students in their fourth year of student who have an interest in applying into a neurosurgical residency program.
ObG 4910 Subinternship in Maternal Fetal Medicine

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The sub-internship in Maternal-Fetal medicine is an intensive four week, inpatient-focused experience. Sub-I's will be integral members of a multi-disciplinary team providing care to women whose pregnancies are complicated by maternal or fetal disease. The sub-I's will gain hands-on experience in the evaluation and management of these pregnancies. Although most of the rotation is based on the inpatient units, there are opportunities for outpatient involvement as well. Most of the learning is experiential, but every effort is made to provide some form of structured learning on a daily basis. The sub-I's meet with the course director weekly to discuss cases of interest, to explore topics in greater detail and to investigate careers in OB/GYN and/or academic medicine. The sub-I's will present to the team one topic of their choosing (approximately 20 minutes during the final week of the rotation).

A note regarding all Ob/Gyn electives:

We take great pride in the experience that visiting medical students have while taking electives and Sub-I's in the Department of Obstetrics and Gynecology at Brown University/Women & Infants Hospital. We also recognize the limited time allowed for away rotations, the challenges of finding a program that is a "good fit" and the costs associated with 4th year away rotations.

Ours is a very competitive program, and there are certain screening metrics that must first be met by candidates to determine their likelihood of being offered an interview. We know that there are significant time commitments and resources involved with away rotations, and want to do all that we can to ensure the success of candidates when applying outside their own institution. As such, we are sharing our algorithm for offering interviews for our residency to help guide students trying to decide on whether to spend time in our Department. If your board scores and clerkship honors are not representative of the below, you may want to consider using your valuable elective spot at a different institution.

Screening requirements (minimum to be considered for an interview)
Step 1 score at least 240.
At least three honors in core clerkships. Two of these honors should be in ob/gyn, medicine and/or surgery.

Lastly, we would encourage you to discuss your plans for any electives or Sub-I’s with your advisor to obtain their input.
ObG 4920 Subinternship in Urogyn & Reconstructive Pelvic Surgery

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
In caring for patients with pelvic floor disorders, you will gain significant experience applicable to evaluating and treating benign gynecologic patients and female urologic patients in general. Conditions we commonly treat include but are not limited to urinary incontinence, pelvic organ prolapse, fecal incontinence, voiding dysfunction, defecatory dysfunction, sexual dysfunction, bladder/pelvic pain, vaginal atrophy, vaginitis, vulvar dystrophy, postmenopausal bleeding, hematuria, recurrent UTIs, genitourinary fistulas and congenital anomalies of the GU tract. You will care for geriatric patients with multiple medical issues in addition to their pelvic floor disorders. You may also see women who are pregnant or postpartum/nursing presenting for care for these disorders. Students are certainly expected to read to enhance understanding and prepare for patient care.

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Step 1 score at least 240.
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ObG 4950 Subinternship in Gynecologic Oncology & Pelvic Surgery

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The medical student will rotate on the gynecologic oncology service as an acting intern and serve as an integral member of the team assisting in all aspects of patient care. The experience will include the inpatient service, operating room, and outpatient clinic. The overarching goal for the rotation is to gain exposure to gynecologic oncology patients and the unique aspects of their care, from critical care to complex emotional issues.

A note regarding all Ob/Gyn electives:

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Screening requirements (minimum to be considered for an interview)
Step 1 score at least 240.
At least three honors in core clerkships. Two of these honors should be in ob/gyn, medicine and/or surgery.

Lastly, we would encourage you to discuss your plans for any electives or Sub-I’s with your advisor to obtain their input.
ObG 4955 Subinternship in Women's Emergency Obstetrics and Gynecology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
This is a four week rotation dedicated to provision of care in the specialty Emergency Room at Women & Infants Hospital. Students will be given autonomy in the initial assessment and management of patients presenting to the ER with common obstetric and gynecologic conditions. They will be responsible for the initial evaluation and formal presentation of these patients, with the expectation that they will make interpretative and management decisions based on their history and exam findings. Students will function as an integral part of the Emergency Department patient care team with expectations similar to those of an Ob/Gyn intern. This rotation is extremely hands on, with a high volume of patients and is rich with interactions with our incredible residents. It is geared towards students interested in pursuing a future career in Obstetrics and Gynecology, Emergency Medicine or for those with a particular interest in women's health.

A note regarding all Ob/ Gyn electives:

We take great pride in the experience that visiting medical students have while taking electives and Sub-I’s in the Department of Obstetrics and Gynecology at Brown University/Women & Infants Hospital. We also recognize the limited time allowed for away rotations, the challenges of finding a program that is a "good fit" and the costs associated with 4th year away rotations.

Ours is a very competitive program, and there are certain screening metrics that must first be met by candidates to determine their likelihood of being offered an interview. We know that there are significant time commitments and resources involved with away rotations, and want to do all that we can to ensure the success of candidates when applying outside their own institution. As such, we are sharing our algorithm for offering interviews for our residency to help guide students trying to decide on whether to spend time in our Department. If your board scores and clerkship honors are not representative of the below, you may want to consider using your valuable elective spot at a different institution.

Screening requirements (minimum to be considered for an interview)
Step 1 score at least 240.
At least three honors in core clerkships. Two of these honors should be in ob/gyn, medicine and/or surgery.

Lastly, we would encourage you to discuss your plans for any electives or Sub-I’s with your advisor to obtain their input.
ObG 4970 Breast Disease

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The medical student will rotate on the breast service which will include clinic and surgery as well as introductions to genetics, radiology, pathology, radiation oncology, research and integrative therapies.

A note regarding all Ob/Gyn electives:

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Step 1 score at least 240.
At least three honors in core clerkships. Two of these honors should be in ob/gyn, medicine and/or surgery.

Lastly, we would encourage you to discuss your plans for any electives or Sub-I's with your advisor to obtain their input.
ObG 4975 Gynecologic and Breast Pathology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This course is designed to give the student the opportunity to develop a more in depth knowledge of common, as well uncommon, conditions affecting the female genital tract and breast. These will include both benign and malignant processes seen in the uterus and endometrium, cervix, ovaries, fallopian tubes, vagina, vulva, and breast. Students will participate in intraoperative consultations, grossing of large surgical specimens and sign out of biopsies and large surgical specimens. In addition, students will attend multidisciplinary gynecologic and breast tumor boards as well as intradepartmental educational conferences. Honors is available to students who complete a 4 week rotation and a small project.

A note regarding all Ob/Gyn electives:

We take great pride in the experience that visiting medical students have while taking electives and Sub-I’s in the Department of Obstetrics and Gynecology at Brown University/Women & Infants Hospital. We also recognize the limited time allowed for away rotations, the challenges of finding a program that is a "good fit" and the costs associated with 4th year away rotations.

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At least three honors in core clerkships. Two of these honors should be in ob/gyn, medicine and/or surgery.

Lastly, we would encourage you to discuss your plans for any electives or Sub-I’s with your advisor to obtain their input.
ObG 4980 Care of Patients with Women's Cancers

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Clinical care of women with cancer, specifically breast and gynecological malignancies.

A note regarding all Ob/Gyn electives:

We take great pride in the experience that visiting medical students have while taking electives and Sub-I's in the Department of Obstetrics and Gynecology at Brown University/Womens & Infants Hospital. We also recognize the limited time allowed for away rotations, the challenges of finding a program that is a "good fit" and the costs associated with 4th year away rotations.

Ours is a very competitive program, and there are certain screening metrics that must first be met by candidates to determine their likelihood of being offered an interview. We know that there are significant time commitments and resources involved with away rotations, and want to do all that we can to ensure the success of candidates when applying outside their own institution. As such, we are sharing our algorithm for offering interviews for our residency to help guide students trying to decide on whether to spend time in our Department. If your board scores and clerkship honors are not representative of the below, you may want to consider using your valuable elective spot at a different institution.

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Lastly, we would encourage you to discuss your plans for any electives or Sub-I's with your advisor to obtain their input.
ObG 4990 Clinical Cancer Genetics

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students will learn basic principles of cancer genetics and apply these principles to the counsel of patients seeking assessment of cancer risk. The course will address clinical and laboratory methods for cancer susceptibility testing; assessment of cancer risk; ethical, legal and social issues in genetic testing; understanding of specific cancer syndromes; options for risk modification. Skills learned during this three-week session will have general applicability to medical genetics.

A note regarding all Ob/Gyn electives:

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Step 1 score at least 240.
At least three honors in core clerkships. Two of these honors should be in ob/gyn, medicine and/or surgery.

Lastly, we would encourage you to discuss your plans for any electives or Sub-I’s with your advisor to obtain their input.
Ophtho 4030 Ophthalmology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
An exposure to a high pathology multi-faceted ophthalmology practice. The student will spend time with various sub-specialists in ophthalmology (anterior segment, cornea, glaucoma, retinal diseases, pediatrics and oculoplastics) learning to perform a basic eye exam and gain an understanding of ophthalmic physiology and pathology.
Ophtho 4070 Ophthalmology – Rhode Island Hospital or the VA Medical Center

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This elective provides an introduction to all aspects of medical and surgical ophthalmology. The elective may be completed at Rhode Island Hospital or the Providence VA Medical Center (PVAMC). Students will spend time in the outpatient eye clinic, on the inpatient consult service and in the operating room. In addition students will attend didactic conferences. A set of resources for students taking this elective can be found at: www.brownophthalmologyelective.com
Ortho 3950 Outpatient Management of Musculoskeletal Problems

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
We are a 6 surgeon orthopedic surgical group covering most all the major sub-specialties in orthopedic surgery to include Hand Surgery/Microsurgery/Foot and Ankle/Spine/Sports/Joint Replacement/Trauma. We have offices in Pawtucket, Attleboro and Lincoln and we cover three hospitals - Miriam, Sturdy and Landmark Medical Center. We see thousands of patients every year with problems ranging from minor cuts, bruises, sprains and strains to extremely complex elective and traumatic surgical cases. We care for patients ranging from pediatric to geriatric populations. We have residents in medicine/pediatrics/ER/family practice also rotate throughout office who can also interact with medical students.
Ortho 3960 Orthopedic Surgery

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Students will spend 4 weeks on our service, every student spends one week on the hand service and one week on the orthopedic pediatric service. Students have the opportunity to choose a different subspecialty service to spend the remaining two weeks on, giving the student a more longitudinal experience; requests will be assigned on a first come first serve basis. Subspecialty services include: adult reconstruction, shoulder & elbow, foot & ankle, sports medicine, spine, and trauma Students will work with the resident(s) as part of the service team. Students will gain experience in the OR, the ED, on the patient floors, as well as in the clinic and physicians' private offices.
Ortho 3965 Physical Medicine and Rehabilitation (PM&R): Outpatient

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
At the conclusion of this four-week medical student elective, the student will demonstrate a familiarity with neurologic and musculoskeletal conditions commonly encountered in an outpatient physiatry practice including: neck and back pain, osteoarthritis, osteoporosis, peripheral neuropathy, radiculopathy, carpal tunnel syndrome, bursitis/tendinitis, cerebrovascular accident, traumatic brain injury, Parkinson's disease, lower extremity amputation, hip and/or knee joint replacement, etc. The student will be expected to demonstrate proficiency in techniques of history and physical examination with a special emphasis upon musculoskeletal examination, and a working knowledge of PM&R procedures including electrodiagnosis and joint injection.
Ortho 3980 Hand & Upper Extremity Surgery

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
4 week elective functioning at intern/first year resident level. Pre-requisite is a past 4 week elective in Orthopedic Surgery at Brown. The student will perform all duties at the first year orthopedic surgery resident level including hands-on surgical experience.

This elective should NOT replace the standard Orthopaedic 4 week elective. It is designed for the committed student who wishes to advance their diagnostic and surgical skill level.
Path 6110 Applied Pathology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
This is a predominately observational based rotation focusing on Anatomic Pathology. (Four week rotators will have some exposure to Clinical Pathology.) The purpose of the rotation to make pathology less of a "black box" and therefore to better understand pathology's relationship to the other specialties.
Path 6120 Research in Perinatal/Pediatric Pathology

**MD Students Accepted:** Yes
**DO Students Accepted:** Yes

**Course Description:**

A) In the area of Developmental, Obstetric, and Pediatric Pathology, after reviewing the available data, generating problem oriented hypotheses using creative thinking, logic, and unconventional approaches resolving the problems of choice.

B) In the area of Developmental, Obstetric and Pediatric Pathology retrospective analysis of archival data with the use of biostatistics and translational tools such as immunohistochemical techniques.
Path 6140 Seminar in Clinical-Pathological/Devel. & Pedi Pathology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The is an elective with the following specific objectives:

- Exposure to perinatal pathology
- Observe and understand histopathological examinations of placentas, their anatomy, their importance and their clinical correlations
- Observe and understand how post-mortem examinations are conducted and their clinical significance and anatomy
- Learn about fetal embryology and development
- Learn clinical pathological correlation of a wide variety of pediatric disease entities by visual methods and individual discussions
- Experience can be tailored to various specialty tracks such as pathology, OB&GYN, general pediatrics, pediatric cardiology, pediatric neurology, neonatology etc
Path 6150 Neuropathology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This is an elective for students who desire a refresher course in neuroanatomy and neuropathology and/or are pursuing careers in brain-related disciplines. Students will take part in the day-to-day activities of the neuropathology division, including brain cutting, surgical case sign-out, brain tumor boards, neuromuscular conference, didactic conference, consensus conference, Grand Rounds, and Journal Club. Students should also be present for frozen section evaluations of neurosurgical cases in the operating room and removal of brains and spinal cords at autopsy in the morgue.
Peds 4510 Pediatric Hematology Oncology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students will be exposed to the treatment and evaluation of pediatric hematology/oncology patients in the outpatient setting. Students will participate in both new patient consultations and routine outpatient follow-up evaluations of numerous diagnoses, including but not limited to pediatric leukemia and lymphoma, solid tumors and brain tumors, as well as bleeding and clotting disorders, sickle cell disease, other hemoglobinopathies, and bone marrow failure syndromes.
Peds 4540 Child Development and Developmental Disabilities

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students will spend time in the CNDC with Developmental Behavioral pediatric attendings and fellows, observing and participating in evaluations of children with developmental, behavioral and learning challenges. Students will increase their understanding of typical child development and behavior, as well as, atypical development, including developmental delays, autism and learning disabilities
Peds 4550 Adolescent Medicine

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The Adolescent Medicine elective is designed to provide broad exposure to adolescent health topics (ranging ages 10-26). Participants will participate in multiple clinical settings, and experience both primary and subspecialty adolescent medical care.
Peds 4570 Pediatric Infectious Disease

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The student's primary activity will be participation on the Hasbro Children's Hospital pediatric infectious diseases consultative service, which includes care of both hospitalized and ambulatory patients.
Peds 4580 Pediatric Endocrinology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
The pediatric endocrinology elective will expose students to common and uncommon endocrine diseases. The common diagnoses include diabetes (type 1 and type 2), growth disorders, obesity and insulin resistance, pubertal disorders including precocious puberty, and thyroid disease. Students will also learn about pediatric adrenal disorders, hypoglycemia, and bone-related disease. Students spend time in the outpatient clinic, inpatient consultation service, and attend teaching conferences.
Peds 4620 Subinternship in Perinatal Medicine - NICU

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The student’s learning objectives include:

Understanding problems of prematurity;

Understanding problems of transitional physiology (in-utero / ex-utero)

Understand problems of term infants
Peds 4630 Subinternship in Pediatrics

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Sub-Interns will be placed on the general pediatrics wards team. Each ward team is structured with an attending, a senior resident, and a number of interns. It will be expected that the sub-intern will fulfill the role of another intern as much as is possible without a medical degree. Activity on the team will be the primary educational experience of the rotation. The student will develop a wide variety of skills that are outlined in the clinical curriculum section. As compared to the pediatrics core clerkship, the student will specifically:
1. Take on primary responsibility for the patient.
2. Anticipate what a patient will need (e.g. when do they need to be re-examined, when does a lab have to be repeated, when do they need another neb, what additional questions they might have), and the student will make sure that this information is included in sign-outs to the residents.
3. Prioritize and organize work effectively.
4. Focus histories and physicals (and oral and written communication) appropriately.
5. Share information with patients and families, after discussion with the senior resident. Attend to the patients’ and families’ emotional needs as well.
6. Assist families in coping with uncertainty in patient care issues.
7. Know what you know, and what you don’t know, and serve as a resource to families to investigate further information as their advocate.
8. Know when to get help.
9. Continue to think about the patient during the day, not just until you’ve rounded and the note is written. Touch base with the family multiple times during the day.
10. Reassess the patient when you take on care, and continually throughout the course of their illness.
11. Follow-up and look further into the problem as the disease evolves, and especially when the illness is not progressing as would be expected.
12. Learn how to be a “team player” with residents, attendings, nurses, ancillary staff and all others involved in patient care.
13. Carry the team cross-coverage beeper when you are on call for the team, and primarily answer nursing questions and concerns for the entire team.
14. Educate peers.
Peds 4640 Subinternship in Pediatric Critical Care - PICU

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
During the elective in Pediatric Critical Care, students function as an intern and participate in the care of all medical patients and designated surgical patients under the immediate supervision of the senior resident and attending. The student will learn to recognize respiratory, cardiovascular and neurologic failure (or impending failure) as the final common pathway of the broad spectrum of critical illness in children. An understanding of the importance of age related differences in normal physiology is crucial to this task. Teaching includes didactic sessions and daily attending rounds. Independent reading on patient related topics is expected.
Peds 4680 Subinternship in Pediatric Hematology/Oncology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Subinterns will be exposed to the inpatient management and evaluation of numerous diagnoses in pediatric hematology and oncology, such as acute leukemia, lymphoma, solid tumors and brain tumors as well as sickle cell disease and coagulation disorders. Other commonly encountered diagnoses include but are not limited to hemoglobinopathies and autoimmune anemias, neutrophil and platelet disorders, and bone marrow failure syndromes.
Plastics 4170 Plastic Surgery

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Students will be instructed in the basic techniques within the general area of plastic surgery including, but not limited to:

1. craniofacial surgery/facial trauma
2. breast surgery
3. reconstructive surgery
4. microvascular surgery
5. hand and upper extremity surgery
6. cosmetic surgery

At completion of the course, students will have obtained a better understanding and a balanced perspective of plastic and reconstructive surgery.

Methods of instruction (didactics):

1. Monday: 7 am weekend review/trauma
2. Tuesday: 7 am Combined Hand Surgery Conference (Orthopaedics and Plastic Surgery)
3. Wednesday: 7 am Grand Rounds
4. Wednesday: 3pm PSEN review of resident oriented topics through PSEN
5. Thursday: 7am indications conference
6. Friday: Monthly craniofacial multispecialty conference

**additionally monthly vascular anomalies conference, multispecialty, thursday 12-2pm monthly**
Psy 3390 Psychiatry in Medical Practice

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Diagnosis and treatment of patients with neuropsychiatric illness at the medicine-psychiatry interface. Participation in a busy multi-disciplinary consultation psychiatry team. Daily assignment of new cases and follow-up of established cases. Team members include 3 attendings, 1-2 advanced practice nurses, 3rd year medical students rotating on their core CNS clerkship, and residents in psychiatry, neurology, medicine and triple board training programs. You will assume primary responsibility of your patients with direct resident and attending oversight. Diagnoses and clinical situations to which you will consult include delirium, dementia, agitation, medical illness in patients with severe and persistent psychiatric disease, substance intoxication and withdrawal, suicidality, TBI, poly-trauma - as well as cancer, surgery, stroke, epilepsy, and other conditions and their related neuropsychiatric effects. Psychosocial and biological brain basis of behavior approaches to diagnosis and treatment will be explored and utilized.
Psy 5110 Subinternship in Psychiatry

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The student will work with inpatients who suffer from major psychiatric disorders and range in age from college students to middle age. Emphasis is on assessment, acute treatment, and arrangement of post-discharge follow-up care in the community. The sub-intern functions as an integral member of a multidisciplinary treatment team and serves as the primary clinician for 3-5 patients. This sub-internship occurs on the inpatient service at Butler Hospital or Rhode Island Hospital. Placement may be on either a general inpatient unit, an intensive treatment unit with more severely ill patients, or a unit focused on dual diagnosis co-occurring substance misuse in the context of psychiatric disorders. The Sub-I can be scheduled throughout the year for four weeks. One of the goals of this rotation is learn the training/career pathway for psychiatry and key roles that the specialty plays in the health care system.
Psy 5130 Addiction Psychiatry

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Butler hospital has a very comprehensive continuum of care in addictions. There are opportunities to participate in detoxification programs, both inpatient and outpatient, and the day hospital rehabilitation program. There are also opportunities to get some experience throughout the continuum. While two week rotations are acceptable, the opportunity to become integrated in the team, and possibly explore participating in critical thinking research on the topic, four weeks is strongly recommended.

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This course provides an overview of integrated care in Pediatrics and Child & Adolescent Psychiatry through the Medical Psychiatric Program at Hasbro Children's Hospitals. Students are assigned to either the inpatient med-psych unit ("Hasbro Six Green") or the intensive outpatient program ("Hasbro Partial Hospital Program") as their primary site. Students carry a caseload and participate in care that includes pediatrics, psychotropic medication management, and psychotherapy (individual, family, and group) as a member of the multi-disciplinary treatment team. In addition to this primary clinical responsibility, students receive a schedule that includes 2-3 additional clinical experiences per week across the specialties of Pediatrics, Psychiatry, and Child & Adolescent Psychiatry. They are expected to participate in didactics and various activities unique to the Brown Triple Board residency program, with the goals of learning to navigate multiple systems and gaining an understanding of the Triple Board experience and philosophy.
Psy 5210 Child Psychiatry

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Psy 5220 Subinternship in Child Psychiatry

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The sub-internship in child psychiatry at Bradley Hospital allows for medical students to play a more active roles in the management of children and adolescents with behavioral health disorders.
Psy 5230 Emergency Psychiatry

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This elective provides students with the unique opportunity to participate in the evaluation, diagnosis, and short term treatment planning for acutely ill psychiatric patients. Under close supervision by the faculty and staff of this service, students gain experience in the rapid assessment of major psychiatric illnesses, acute stabilization, and rapid application of pharmacological and psychotherapeutic treatments. Students will spend time at various sites including Butler PAS, Rhode Island Hospital D-Pod, and Hasbro Emergency Department. Students will work with attending psychiatrists, Bradley clinicians, Brown psychiatry residents and child psychiatry fellows, as well as Gateway Health Clinicians.
Psy 5270 Psychiatry of Late Life

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students will learn how to diagnose common psychiatric disorders in the geriatric population and the psychotherapeutic and psychopharmacological management of these disorders. Students will gain an understanding of the range of care options available to the elderly in Rhode Island. Students will learn how to utilize appropriate services for the elderly such as home care, assisted living, and nursing homes. Students will learn what is involved in the functional assessment of an elderly patient. Students will become competent in taking a psychiatric history of geriatric patients, with a particular focus on the mental status examination and its cognitive components. Students will gain competency in learning how to communicate with geriatric patients who have a variety of psychiatric conditions including dementia.
Rad 6280 Diagnostic Radiology and Nuclear Medicine

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This course is a basic introduction to diagnostic radiology and nuclear medicine. Much of the elective requires independent study with review of Lucy Squire teaching material. There is also online material. Students are encouraged to observe procedures and to participate in film reading sessions.
Rad 6290 Diagnostic Radiology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
1. Students will rotate through the various sections of the Rhode Island Hospital/The Warren Alpert Medical School of Brown University Radiology Department (Chest, Body, Ultrasound, Neuro, Emergency, Interventional, Nuclear Medicine, Pediatrics, Musculoskeletal, Mammography and Women’s Imaging.

2. Students will learn appropriate and cost effective imaging algorithms for common diagnostic situations, with an emphasis on the American College of Radiology (ACR) Appropriateness Criteria. Students will better appreciate how the correct clinical history can help optimize protocols and allow the best interpretations to patients.

3. Students will learn the basics of radiography (especially chest), CT and ultrasound, and learn where image guided invasive procedures are beneficial

4. Students will better understand the risks and benefits of imaging – particularly the risks associated with radiation exposure and awareness of the potential impact of unnecessary or repeat CT imaging in patients (especially in children and pregnant patients) and how to minimize risk.
Rad 6300 Nuclear Medicine Preceptorship

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Students will participate in all activities of a busy Nuclear Medicine department including PET scanning and Nuclear Cardiology. Students will primarily be expected to actively participate in case review sessions, but may also spend some time observing acquisition of Nuclear Medicine studies and radiopharmaceutical preparation and participating in Nuclear Medicine therapy cases.
Rad 6310 Subinternship in Interventional Radiology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The sub-internship in Interventional Radiology is to provide an immersive educational experience to those who have a special interest or career plans in the field of IR. Students will be expected to function as an IR intern as part of the IR service. Students will actively participate in patient consults, peri-procedural patient care, and procedures.
Rad 6320 Vascular & Interventional Radiology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Rad 6330 Body Imaging and Intervention

**MD Students Accepted:** Yes
**DO Students Accepted:** Yes

**Course Description:**
This two-week elective is an introduction to body imaging and intervention using computed tomography (CT), ultrasound (US) and magnetic resonance imaging (MRI). Students will be exposed to all aspects of cross-sectional imaging of the abdomen and pelvis as well as diagnostic and therapeutic CT and US guided procedures including biopsies, drainages and ablations.
Rad 6360 Neuroradiology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
This course serves as an introduction to Diagnostic Neuroradiology and Neurointerventional Radiology. Students are immersed in the busy diagnostic and interventional neuroradiology practice at Rhode Island Hospital. Medical Students work closely with the Diagnostic Imaging residents and Neuroradiology attendings in the interpretation of CT, MRI, and angiographic studies of the brain, spine, skull base and neck. Students will also attend weekly neurosurgery, neurooncology, neurology clinical conferences with the neuroradiology attending. During the course of this elective students will become familiar with cross-sectional and vascular neuroanatomy as well as with adult and pediatric neuropathology. Students will gain an understanding of the relative strengths of various neuroimaging techniques in the diagnosis and treatment of CNS disease.
Rad 6380 Pediatric Radiology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Develop appreciation and exposure to pediatric diagnostic imaging through observation and participation in our daily activities. Begin to learn typical imaging algorithms for various pediatric conditions. Complete required online learning modules and perform one presentation at the end of the rotation. Additionally, the student must attend the elective at least 90% of the time in order to receive credit.
Rad Onc 6400 Radiation Oncology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This course is designed to offer students an exposure to the breadth and depth of radiation oncology as well as cancer care in general. Students will have an opportunity to see patients at the time of initial presentation, during therapy, and in follow-up care for a variety of malignancies. Students will also learn the importance of multi-disciplinary care and evidence based approach for the treatment of these patients. This elective is designed not only for those students who have a specific interest in radiation oncology but also for those who desire a broader understanding of malignant disease and its clinical characteristics. For students interested in pursuing a residency in radiation oncology, we provide the opportunity for guidance, mentorship and research opportunities.

This elective is based at 2 locations, The Department of Radiation Oncology at Rhode Island Hospital (RIH) and North Main Radiation Oncology (NMRO). The Department of Radiation Oncology at RIH is a hospital-based, outpatient center and site of our residency training program in Radiation Oncology. NMRO is a high-volume, outpatient, free-standing center. The opportunity for exposure at both sites allows for the student to see patient care in both hospital-based and community-based settings. The proportional time spent at each location can be tailored to the interests and goals of the students.

During the elective, students will actively participate in history taking and examination of new patients, conferences/discussion with patient families and discussion of treatment options and the implications of their diseases. Students will learn about general principles of oncology, including natural history, diagnostic workup and staging of cancer as well as basic principles of radiation therapy, radiation biology and radiation physics. Students will be introduced to treatment planning and the technical aspects of radiation biology and radiation physics.

Students will be shown treatment planning and the technical aspects of radiotherapy, including simulation, 3D conformal therapy, IMRT/IGRT, brachytherapy and stereotactic radiosurgery.
Surg 3505 Medical & Interventional Pain Management

**MD Students Accepted:** Yes  
**DO Students Accepted:** Yes

**Course Description:**
This is a 2 or 4 week rotation where the medical student is exposed to the techniques of evaluation and management of patients presenting with a variety of pain conditions, including cancer pain, chronic pain and acute postoperative pain. The rotation includes an introduction to Physical therapy modalities for pain management. Students get an opportunity to spend some time with the radiologists to review MRIs of the spine. There is also time spent with the neurologists for an introduction to diagnostic modalities of nerve conduction studies and EMGs. There is a heavier emphasis in this rotation on the Interventional aspect of chronic pain management with spine injections. There is ample opportunity to work in the periop area starting i.v's, doing intubations, participating in nerve blocks for postoperative pain management.
Surg 3910 Introduction to Surgical Oncology

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
The student will assume an expanded role in a multi-disciplinary team approach to the evaluation and management of cancer patients. Students will participate in surgical interventional procedures and infusional therapy under the supervision of faculty. To act as a team member responsible for assessing the patient and collection of data; then synthesizing all information into a treatment plan. Students will have the opportunity to rotate on each of the following services: upper GI/hepatobiliary surgery, colorectal surgery, thoracic surgery and breast surgery. Students will also be assigned sessions with medical oncology, radiation therapy, and interventional radiology throughout the course.
Surg 3920 Surgery of the Alimentary Tract

**MD Students Accepted:** Yes  
**DO Students Accepted:** No

**Course Description:**  
Exposure to GI Surgery - predominantly colorectal surgery.

The student will be actively involved in seeing patients in the preoperative setting, postoperative setting and in the operating room. In the operating room, not only will students observe and assist with cases, but they will also have a chance to perform some basic surgical skills under direct supervision. Furthermore, the student will also have an opportunity to visit the endoscopy suite once a week to see both screening and diagnostic colonoscopies.
**Surg 3940 Subinternship in Surgical Intensive Care (SICU)**

**MD Students Accepted:** Yes  
**DO Students Accepted:** Yes

**Course Description:**  
The student's primary activity will be assisting in the mgt of critically ill patients. They should follow a patient through their course in the ICU, and demonstrate complete familiarity with the patients past medical and surgical history, as well as the pathophysiology of the patient's main disease processes. Students are expected to present their patient on daily ICU rounds. Excessive missed days off from rotation will need to be made up or result in an incomplete grade.”
Surg 4100 Pediatric Surgery

MD Students Accepted: Yes  
DO Students Accepted: No

Course Description:
The Division of Pediatric Surgery is composed of 4 pediatric surgeons, three nurse practitioners, a physician assistant and a Fetal Treatment Program Nurse Coordinator. The single fellow (resident) in pediatric surgery functions as the team leader for two first year- and one fourth-year resident in general surgery, and on an intermittent basis, one or more medical students (both Brown University and exchange students). We are one of only 32 North American centers that train future pediatric surgeons. Our clinical offices are located in the Medical Office Center (suite 190), across the street from Hasbro Children's Hospital. We are the last "true" general surgeons and constantly strive to provide an environment with the resources for the greatest achievements in pediatric surgical care, research, and education. Fetal surgery and consultation, twin-to-twin transfusion syndrome, Newborn surgery for congenital anomalies in the head, neck, chest and abdomen, Thoracic and pulmonary surgery for congenital and acquired abnormalities, Pectus carinatum, pectus excavatum and other rib or chest malformations, Airway evaluation for stridor or obstruction: bronchoscopy, tracheostomy, and laser treatment, Esophageal and gastrointestinal acquired problems: achalasia, reflux, pyloric stenosis, inflammatory bowel disease, constipation and bowel management programs, short bowel syndrome and management, Congenital and acquired hepatobiliary and pancreatic diseases and other, abdominal surgery, Anorectal problems and imperforate anus, Hirschsprung's disease, cloacal anomalies, Inguinal and genitourinary: undescended testes, hernia, hydrocele and circumcision, Endocrine: adrenal, pancreatic and thyroid lesions, Vascular malformations, hemangiomas, Skin, subcutaneous and muscle tumors or benign lesions: all congenital nevi, branchial cleft anomalies, thyroglossal duct cysts or sinuses, Burn management, breast conditions: fibroadenomas, gynecomastia, ovarian lesions of children, and adolescents, Pediatric solid tumors of the chest, liver, kidney; soft tissue sarcoma and surgical oncology, Minimally invasive airway, thoracic and abdominal laparoscopy, thoracoscopy, Extracorporeal membrane oxygenation (ECMO) and critical care services.
Surg 4120 Cardiothoracic Surgery

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The cardiothoracic surgery rotation is designed to expose students to the preoperative, intraoperative and postoperative care of adult cardiac surgery patients. Students will have an opportunity to participate in daily morning rounds and to spend their days either in the ICU or the operating room. There is no set assignments. Students are free to choose how they spend their day. They will also have the opportunity to see patients preoperatively in either the preadmission testing clinic or the course directors clinic on Thursday mornings. This rotation will work best by seeking out opportunities and we encourage the students take an active role in the learning process.
Surg 4180 Subinternship in Surgery - MH

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
This rotation introduces the student to general surgical principles including pre-op evaluation, intra-op decision making and post-op care. Students will work with surgical residents, physician assistants and nurse practitioners as part of the surgical team.
Surg 4185 Subinternship in Surgical Oncology (Surgery 3)

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Students will spend time with course leader and faculty in conference, operating rooms, wards, and ambulatory setting discussing applications of surgical principles. Students will perform duties of acting intern on the third surgical service at Rhode Island Hospital.
Surg 4190 Subinternship in Surgery (Surgery 1)

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Develop and demonstrate knowledge of the pathophysiology, diagnostic techniques and common surgical pitfalls in the management of fluid and electrolyte disturbances, fever work-up, gastroesophageal reflux disease, small bowel pathology, large bowel pathology, and pancreatic and liver disease.
Surg 4195 Subinternship in Colon and Rectal Surgery

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Surg 4197 Vascular Surgery

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Complete immersion in all aspects of vascular surgery - inpatient service and surgery, office hours, office based vascular lab, outpatient venous disease evaluation and treatment
Surg 4250 Trauma

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The student will attend all departmental/divisional educational opportunities. The student will be clinically active and follow trauma patients throughout their hospital course as well as present them at morning report. Excessive missed days off from rotation will need to be made up or result in an incomplete grade.
Surg 4280 Introduction to Thoracic Surgery

MD Students Accepted: Yes
DO Students Accepted: No

Course Description:
Student will learn the fundamentals of both basic and clinical sciences of thoracic surgical disease. In addition the student will learn the clinical presentation, diagnostic work up and treatment of both benign and malignant diseases of the lungs, esophagus, trachea, mediastinum and chest wall.
Surg 4300 Facial and Oral Surgery and Outpatient Anesthesia

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
Facial and Oral surgery with outpatient anesthesia.
Uro 4150 Urology

**MD Students Accepted:** Yes

**DO Students Accepted:** Yes

**Course Description:**
The student(s) will obtain a basic understanding of general urologic disease processes. The student(s) should learn to perform a comprehensive urological history and physical examination and obtain knowledge on the various disciplines within the field of urology. A copy of the Smith's General Urology is available for the student during this rotation. At the end of the rotation the student(s) will be expected to give a 25 minute powerpoint presentation and a 5 minute question and answer to the urology faculty and residents.
Uro 4155 Subinternship in Urology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
The sub-internship exposes students to the full scope of Urology, including all its subspecialties: endourology, oncology, female urology, pediatric urology, minimally invasive surgery, genitourinary reconstruction, and infertility/andrology. The students will be expected to actively participate in diagnosis, non-operative management, surgical treatment, and post-operative care of Urology patients.

Students in this clerkship are an integral part of the service. During this rotation, they will have an intern-resident responsibility. Students will participate in the operating room during endoscopic, laparoscopic/robotic, and open urologic cases. In addition, the students will also work with residents on the wards as they participate in the daily care of the patients on the Urology service.

Students are expected to attend weekly patient care conferences, research conferences, Journal Club, and Grand Rounds. In addition, sub-interns are required to give a 30-minute talk on a chosen subject at the urology grand rounds conference.

Estimated distribution of student’s time:
- 70 % Inpatient/Operative Clinical Care
- 20 % Outpatient Clinical Care
- 10 % Conferences/Lectures/Seminars
Uro 4530 Pediatric Urology

MD Students Accepted: Yes
DO Students Accepted: Yes

Course Description:
This is a full emergent course in pediatric urology covering both the congenital and acquired abnormalities of the genitourinary tract. Focus will be primarily on congenital abnormalities including obstruction, vesicoureteral reflux, duplicated collecting systems, and congenital abnormalities of the genitalia and perineum. The student will be expected to participate in seeing patients in the office, as well as, initially seeing them independently and presenting them to the attending or the resident on the pediatric urology service. This will include physical examination. The student will also be expected to participate in operating room activities and assisting in operative cases. As part of the academic mission of this elective, the student will choose/be assigned a topic each week to research in pediatric urology and be given an outline to follow. This will come late in a presentation at the end of each week and discussion of these topics in an informal rather than Powerpoint format. There is no examination at the end of this course.