



Department	Anesthesiology
Course Number	ANE-4000
Course Name	Clinical Anesthesiology
Faculty	Dr. Jacqueline Donovan
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 3, 4 to visiting students
Available Length	2 or 4 weeks
Max Students	10
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	Students will receive instruction and clinical experience in Anesthesiology. Time is spent in operating rooms representing all surgical specialties. There are options for time in the obstetrical suite, chronic pain clinic, preoperative screening clinic, pediatric anesthesia, regional anesthesia, cardiac anesthesia and intra-operative and postoperative acute pain management. The clinical responsibilities carried by the student will vary based on interest and ability. Practical teaching will occur in the simulation laboratory. Students have ample time for acquiring some theoretical background with an emphasis on pharmacology. Students are encouraged to attend the weekly resident teaching day and Anesthesiology Grand Rounds held on Thursdays at AMCH. Each student is also responsible for an Anesthesia topic presentation given to the chairman at the end of the rotation and will take a formal MCQ exam at the end of the rotation.
Educational Objectives	The student will demonstrate an understanding of basic anesthesia principles, advanced resuscitation techniques, and anesthesia pharmacology.
Types of Patients	All surgical subspecialties.
Teaching Sessions/ Conferences	Wednesday afternoon resident teaching session Thursday 0700 Anesthesiology Grand Rounds
Resources/Readings	Basics of Anesthesia Section 2. Stoelting & Miller
Evaluation Method(s)	Direct Observation Final Exam Workshop/Simulation Conference Participation Formal Presentation Mid-Rotation Feedback
Contact Information	Dr. Jacqueline Donovan, donovaj1@amc.edu
Last Updated	January 31, 2023



Department	Anesthesiology
Course Number	ANE-4005
Course Name	Interventional Pain Management
Faculty	Drs. Nyla Azam, Eric Silverman, Ravneet Bhullar, Andras Laufer, Divya Cherukupalli
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	The practice of Pain Medicine includes the management of acute, chronic and cancer pain for adult and pediatric patients through various multidisciplinary means including medications, procedures, physical therapy and cognitive behavioral therapy. The elective will focus on the comprehensive evaluation and treatment of patients with both acute and chronic pain, in the inpatient and outpatient settings.
Educational Objectives	The emphasis for education objectives will be on medical knowledge and patient care. These include: 1. Describe major and common pain diagnoses and their pathophysiology. 2. Classify major drugs prescribed to patients with chronic pain, e.g., NSAIDs, anti-depressants, anti-convulsants, opioids, local anesthetics, and muscle relaxants. 3. Distinguish indications for, potential complications of, and techniques for various diagnostic and therapeutic procedures. 4. Identify relevant anatomy for each diagnostic/therapeutic procedure. 5. Use principles and skills involved in the management of acute and chronic pain. 6. Perform a targeted history and physical examination for patients with acute and chronic pain. 7. Develop a safe treatment plan for a patient based on the available objective and subjective medical data. 8. Observe common pain procedures, including neuraxial and peripheral injections, under fluoroscopic and/or ultrasound guidance.
Types of Patients	For outpatient pain management, patients will be seen in the outpatient clinic setting at the Spine Center at 391 Myrtle Ave, Suite 1B. Adult and pediatric patients with common pain syndromes, including low back pain and neck pain, as well as less common pain syndromes are seen. Interventional pain procedures will be done at the South Clinical Campus. For the inpatient setting, there is both the Acute Pain Service and the Enhanced Recovery after Surgery service at Albany Medical Center. Patients are pre-rounded on in the morning, with attending rounds in the late morning/afternoon.
Teaching Sessions/ Conferences	Chronic pain didactic series – every Tuesday morning @7:30 to 8:30 in the neurology A1 conference room. Pain journal club – 3rd Thursday of the month @4pm Pain cadaver lab – 2nd or 4th Thursday of the month @2 pm in the anatomy lab Anesthesia resident lectures – every Thursday afternoon @ 1 pm



Resources/Readings	<p><u>Benzon “Essentials of Pain Medicine”</u> is a great text to use for the duration of your chronic pain elective to help you gain a basic understanding of the pathophysiologic mechanism of pain, and the components of a history and physical when working up a patient presenting with chronic pain. The book is available through the AMC Schaffer Medical Library as an online text. Recommended chapters to review are: Anatomy and Physiology of pain signaling; neurochemistry of pain; pain taxonomy; physical exam; pain assessment (Ch. 1-5).</p> <p>You’ll have the opportunity to watch fluoroscopy guided pain injections (epidural steroid injections, diagnostic blocks, ablations, etc). To have a better understanding of the fluoroscopic images and techniques, it is recommended that you review the procedures in the Furman procedural atlas, also available online through the AMC library: <u>Atlas of Image-guided Spinal Procedures, 2nd Ed.</u></p> <p>Because procedures are done with fluoroscopic guidance, radiation safety badges can be provided to you, and will be available for pick up on the first day of the rotation. We ask that you return badges on the last day of the rotation, as they will be made available to the following rotating student. Additionally, there will be an online radiation safety module available through Elsevier learning that we recommend completing prior to starting the rotation.</p>
Evaluation Method(s)	Mid-Rotation Feedback Direct Observation
Contact Information	Dr. Nyla Azam, azamn@amc.edu
Last Updated	February 24, 2023



Department	Emergency Medicine
Course Number	EME-4001
Course Name	Advanced Emergency Medicine
Faculty	Dr. Emma Furlano
Period(s) Available	1, 2, 3, 4, 5
Available Length	4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Student must have completed a four week rotation in Emergency Medicine prior to this elective.
Elective Description	This four week course allows the student to work one-on-one with Emergency Medicine senior residents or attendings to serve as an acting intern. Students work approximately 16 - eight hour shifts. Students are an integral part of the ED team caring for a variety of patients including trauma, medical and pediatric cases. Students will attend the Conference lectures and Resident Simulation session as well. *NOTE*: This course does NOT fulfill the AMC Clinical Selective requirement. THIS COURSE IS FOR VISITING STUDENTS ONLY.
Educational Objectives	The student will demonstrate the ability to: [1] Summarize an accurate problem-focused history and physical examination. [2] Create a differential diagnosis hierarchy based on initial patient presentation. [3] Clearly define a management plan and interpret a response to therapeutic interventions. [4] Apply available information technology to solve patient care problems and improve knowledge base.
Types of Patients	Students are exposed to any and all types of patients that present to an ED for evaluation – including medical and trauma patients; pediatric and adult patients; critical and urgent care patients.
Teaching Sessions/ Conferences	Clerkship Orientation/Introduction; Weekly Resident Conference; Journal Club; Resident Simulation
Resources/Readings	Online Self-Study Modules [www.cdemcurriculum.org], Selected reading from An Introduction to Clinical Emergency Medicine, 2nd Ed., Edited by S.V. Mahadevan and Gus M. Garmel
Evaluation Method(s)	Direct Observation Simulated Chart Review Workshop/Simulation Mid-Rotation Feedback
Contact Information	Course Coordinator: Brandi Johnson, johnsob8@amc.edu
Last Updated	June 30, 2023



Department	Emergency Medicine
Course Number	EME-4004
Course Name	Pediatric Emergency Medicine
Faculty	Dr. Kirsten Morrissey
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10; individually arranged
Available Length	2 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	Students will independently assess pediatric patients in the emergency department, present cases directly to the attending, formulate differential diagnoses and management plans, follow-up studies and create discharge plans. Students will use the medical literature to help with diagnosis, management and treatment. They will get a sense for the overall flow in the ED, prioritization and patient reassessment. The pediatric advanced life support course will be reviewed and a 5-10 minute case presentation/write-up is required.
Educational Objectives	The student will demonstrate the ability to: 1. Apply knowledge of pediatric emergency medicine. 2. Evaluate / Analyze pediatric patients. 3. Develop pediatric differential diagnoses. 4. Manage pediatric emergency patients and coordinate discharge planning of pediatric patients.
Types of Patients	Acute and chronically ill and injured Pediatric patients
Teaching Sessions/ Conferences	Optional EM conferences; Written H&P assignment or brief 10 minute case presentation.
Resources/Readings	Red Book: 2009 Report of the Committee on Infectious Diseases, Nelson Textbook of Pediatrics
Evaluation Method(s)	Direct Observation Conference Participation Formal Presentation
Contact Information	Course Director: Dr. Kirsten Morrissey, morrisk@amc.edu
Last Updated	February 24, 2023



Department	Emergency Medicine
Course Number	EME-4005
Course Name	Emergency Toxicology
Faculty	Dr. Alicia Tudor
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	The medical toxicology elective introduces the student to the recognition and management of the poisoned patient and those with substance abuse or dependence. The student will participate in patient consultations, didactic sessions and a toxicology/addiction medicine clinic in Latham, NY. The student will be on call Monday-Saturday 7am-7pm and expected to come to the hospital when consults are placed.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Recognize and manage common toxidromes associated with drug overdose and drug withdrawal. 2. Demonstrate an understanding of principles, methods, and controversies of gastric decontamination and enhanced elimination. 3. Demonstrate knowledge of presenting signs and symptoms, laboratory findings, pathophysiology and management of common poisonings including acetaminophen, salicylates, beta blockers/calcium channel blockers, carbon monoxide, iron, lithium, digitalis, cyclic antidepressants, toxic alcohols and common drugs of abuse. 4. Demonstrate knowledge of drug interactions, side effects, and therapeutic levels of commonly used therapeutic agents.
Types of Patients	Acute and chronically poisoned patients, patients with substance abuse or dependence.
Teaching Sessions/ Conferences	Didactic sessions weekly.
Resources/Readings	Goldfrank's Toxicologic Emergencies
Evaluation Method(s)	Direct Observation Conference Participation Final Exam
Contact Information	Course Coordinator: Brandi Johnson, johnsob8@amc.edu
Last Updated	February 24, 2023



Department	Emergency Medicine
Course Number	EME-4010
Course Name	Emergency Medical Services
Faculty	Drs. Sean Donovan and Michael Dailey
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 weeks
Max Students	2
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	This is a 2 week elective where students gain exposure to a variety of EMS systems, including both operational and practical issues. The student will learn the fundamentals of ground EMS systems and have the opportunity to ride along with local EMS agencies. During shifts, the student will observe pre-hospital providers as they tend to medical patients and scene calls. There are also assigned readings to supplement the learning experience.
Educational Objectives	The student will: <ol style="list-style-type: none">1. Demonstrate an understanding of the differences in prehospital care from standard care.2. Outline the practice of prioritization in the resuscitation and care of prehospital patients.3. Appreciate the different levels of care available in the prehospital setting.
Types of Patients	All (Pediatric, adult, trauma, medical)
Teaching Sessions/ Conferences	Weekly didactics
Resources/Readings	Provided at the beginning of the course
Evaluation Method(s)	Direct Observation Conference Participation
Contact Information	Course Coordinator: Brandi Johnson, johnsob8@amc.edu
Last Updated	February 24, 2023



Department	Otolaryngology
Course Number	ENT-4000
Course Name	Otolaryngology
Faculty	Neil Gildener-Leapman MD
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	This elective provides a concentrated exposure to the broad field of Otolaryngology. Under close supervision, the student assumes an active role in the care of both inpatients and outpatients at Albany Medical Center and VA Hospitals. Considerable emphasis is placed on otolaryngologic procedures by being assigned to the operating rooms, both as observer and assistant. Participation is encouraged in all departmental activities such as conferences, journal clubs, hospital rounds, and clinical and basic science lectures. The student will give a scholarly presentation to the department at the end of the rotation.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Perform history and physical examinations. 2. Generate a differential diagnosis to guide diagnostic and therapeutic plans. 3. Conduct daily rounds and construct and deliver organized and succinct presentations on assigned patients. Write appropriate daily follow-up notes for assigned patients. 4. Interpret and explain laboratory and imaging results 5. Perform basic surgical skills: assisting in surgery, suturing, wound management, and appropriate use of surgical instruments. 6. Exhibit professional and respectful interactions with members of the clinical team, consultants, and support staff. 7. Demonstrate ability to work in a team. 8. Communicate with and educate patients and visitors with consideration of cultural, age, and other socioeconomic factors.
Types of Patients	General Albany Medical Center population
Teaching Sessions/ Conferences	Grand Rounds, Morbidity and Mortality Conference
Resources/Readings	Service specific
Evaluation Method(s)	Direct Observation Written Assignment Conference Participation Formal Presentation Mid-Rotation Feedback
Contact Information	Course Coordinator: Cathy Mirabile, mirabic@amc.edu
Last Updated	February 13, 2023



Department	Family and Community Medicine
Course Number	FCM-4007
Course Name	Family Medicine Transition to Residency
Faculty	Drs. Kate Wagner and Ann Rutter
Period(s) Available	10
Available Length	2 weeks
Max Students	20
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	This is a two week course designed to increase readiness for the start of Family Medicine residency. Through a series of workshops, lectures, small group work and simulation trainings, students will be exposed to a multitude of topics common in Family Medicine residency. The curriculum is designed to address the six ACGME Core Competencies: medical knowledge, patient care, practice-based learning and improvement, systems-based practice, communication and professionalism. Using the Family Medicine Milestones as a guide, students will engage in educational experiences to develop advanced skills in key clinical areas including procedures, professionalism topics and wellness strategies. This course will be taught by Family Medicine faculty as well as allied health professionals who will offer insights from their fields of expertise.
Educational Objectives	The student will have the ability to: <ol style="list-style-type: none"> 1. Recognize the Family Medicine Milestones and explain the role they play in resident evaluation. 2. Demonstrate consistent, comprehensive and safe patient hand-offs. 3. Demonstrate the ability to receive constructive feedback and perform self-appraisal of clinical and procedural skills. 4. Develop a personal wellness plan. 5. Evaluate his or her learning style to develop a plan for self-directed learning in residency. 6. Demonstrate enhanced communication skills within interprofessional health care teams.
Types of Patients	Standardized patients
Teaching Sessions/ Conferences	Workshops, simulation, small group work, lectures
Resources/Readings	TBD
Evaluation Method(s)	Direct Observation
Contact Information	Course Coordinator: Karen Frankenfield, frankek@amc.edu
Last Updated	February 24, 2023



Department	Family and Community Medicine
Course Number	FCM-4110
Course Name	Ambulatory Family Medicine
Faculty	Dr. Ann Rutter
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	Elective experience with the faculty and residents at the AMC Family Medicine site*. This rotation can be tailored to meet your individual interests to include the various ambulatory clinical activities of the department or preceptor site. If assigned to the AMC Family Medicine Center, optional experiences could include exposure to alcohol and substance abuse programs, adolescent medicine, home visits, practice management, sports physicals, and nutritional counseling. *Albany Medical College students have the option to do this elective away and a self-selected site. It must be coordinated with the registrar's office for approval before you start.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Define the value of the provision of primary care by family physicians to any health care system and identify the principles of family medicine care. 2. Assess patients, formulate a differential diagnosis, and propose initial evaluation and management for patients with common acute presentations. 3. Demonstrate the ability to independently manage a chronic illness follow up visit for patients with common chronic diseases. 4. Create an evidence-based health maintenance plan for a patient of any age and either gender. 5. Demonstrate competency in advanced history-taking, communication, physical examination, and critical thinking skills.
Types of Patients	Culturally and socioeconomically diverse patients.
Teaching Sessions/ Conferences	Weekly afternoon resident lecture series.
Resources/Readings	Essentials of Family Medicine, Edition VI, P.D. Sloane
Evaluation Method(s)	Direct Observation
Contact Information	Course Coordinator: Karen Frankenfield, frankek@amc.edu
Last Updated	February 24, 2023



Department	Family and Community Medicine
Course Number	FCM-4999
Course Name	Community Medicine
Faculty	Dr. Ann Rutter
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1 student
Visiting Students	No
Prerequisites	Successful completion of 3rd year. Also, project must be approved 8 weeks in advance of dates (by Dr. Rutter) of your course start date.
Elective Description	<p>This elective is a two or four-week experience designed to expose the student to the principals and practice of community medicine. This is not a clinically oriented elective. The elective must be focused on a specific problem and incorporate a Community Health Assessment. The Community Health Assessment will introduce you to basic aspects of evaluating health within the community with which you have chosen to work. The social and environmental factors within your patients' communities are extremely important and significantly impact the health of all people within the community. The final product should be a 5-page formal written paper (12 point font, double spaced, typed). Additionally, graphs and figures should be attached as appendices. The student must submit a final report within two weeks of completing the elective.</p> <p>PLEASE NOTE: THIS COURSE QUALIFIES AS A NON-CLINICAL ELECTIVE.</p>
Educational Objectives	<p>At the conclusion of the community medicine experience, the student will:</p> <ol style="list-style-type: none"> 1. Appreciate the complexity and principles of a community approach to care. 2. Know their practice community in some depth; be able to perform a rudimentary Community Health Assessment. 3. Identify specific health indicators to assess the health status of the community. 4. Describe a priority health issue of the community. Relate priority health issues to behavioral, social and environmental health determinants. 5. Identify sources and limitations of population based data.
Types of Patients	Varies depending on community chosen and project topic.
Teaching Sessions/ Conferences	N/A
Resources/Readings	<ol style="list-style-type: none"> 1. Mokdad, AH et al. Actual Causes of Death in the United States. JAMA. 2004; 291: 1238-1245. 2. Isaacs, SL & Schroeder, SA. (2004) Class-The Ignored Determinant of the Nation's Health. NEJM. 351:11 (1137-1142). 3. Irani, P et al. Community Health Assessment: Driving the Need for Current, Easily Accessible Population Health Data. J Public Health Management Practice. 2006; 12(2): 113-118.
Evaluation Method(s)	<p>Direct Observation</p> <p>Written Assignment</p>
Contact Information	Course Coordinator: Karen Frankenfield, frankek@amc.edu
Last Updated	February 24, 2023



Department	Medicine/Pediatrics
Course Number	MDP-4000
Course Name	Med/Ped Ambulatory Clinic
Faculty	Dr. Ivelisse Verrico
Period(s) Available	1, 2, 3, 4, 8, 9, 10 (not available November-January)
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	Our Internal Medicine/Pediatrics Ambulatory rotation is designed to offer the opportunity for medical students to participate in the care of both pediatric and adult patients in a busy academic primary care practice. Students will be able to work one on one with our attending physicians as well as work with our Med/Peds residency practice. The experience will highlight the importance of having combined training. Students will see everything from common bread and butter primary care visits to patients with complex pathophysiology being diligently managed as an outpatient. This elective is designed and reserved for students interested in a Med/Peds residency.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Assess and manage common problems as well as complex pathophysiology encountered in the outpatient setting in the continuity clinic. 2. Develop the knowledge base fundamentals to the diagnosis and management of problems commonly encountered in a Med/Peds office setting. 3. Develop a logical and appropriate clinical approach to the care of patients in an outpatient setting, applying principles of decision making and problem solving. 4. Function as part of a multidisciplinary team. 5. Interact within the health care system, utilizing available resources in order to provide care. 6. Model professional behaviors in patient interactions.
Types of Patients	Children and adults
Teaching Sessions/ Conferences	Internal Medicine Grand Rounds. Pediatric Grand Rounds. REDD (Resident Education Day)
Resources/Readings	Patient based clinical reading encouraged throughout the month. Curriculum will be available online.
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Michelle Corrigan, corrigm@amc.edu
Last Updated	February 24, 2023



Department	Medicine
Course Number	MED-4006
Course Name	Geriatric Medicine-Home Care
Faculty	Dr. Kevin Costello
Period(s) Available	1, 2, 3, 4, 5, 6, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3 rd year.
Elective Description	Opportunities are provided for a coordinated primary care experience in diagnosis and management of the medical, social and psychological problems of homebound elderly and younger disabled patients. Students have exposure to diverse patient living environments (private home, apartment, senior apartment, enriched housing, assisted living facility, and skilled nursing facility) and to a broad spectrum of difficulties (dementia and other neurodegenerative diseases, cardiovascular disease, incontinence, impaired mobility and associated complications, poverty and neglect) most frequently seen in geriatric medicine and the impact of age on disease expression. They will learn the vital role of family caregivers and what can be learned from their experience in coping with practical problems. They will participate in active collaboration with providers from multiple disciplines including nursing, PT, OT, speech therapy, social work home health aides, and pharmacists and the various agencies through which they work. They will learn about the indications and uses for various types of durable medical equipment. They will see a variety of focuses of care including home ventilator support, post-hospital transitional care, palliative and hospice care. The two or four-week rotation will include a special project to be planned in accordance with a student's particular interest.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Identify prevalent diseases and syndromes in elderly and younger disabled patients. 2. Demonstrate an understanding of the impact of age on presentation and management of diseases and syndromes. 3. Describe ethical, financial and regulatory aspects of providing medical care in the home and other community settings. 4. Distinguish supporting caregivers in their essential enabling role in patient care. 5. Identify community-based agencies and working in a multi-disciplinary home care environment. 6. Demonstrate the ability to assess the home environment for adequacy of support, accessibility, and safety. 7. Describe the optimal transitions of care between hospital and home.
Types of Patients	Home-bound elderly adults and disabled younger adults; patients recently discharged from AMCH pending return to primary care provider.
Teaching Sessions/ Conferences	Weekly case presentation and related topic review; review of evidence-based "learning prescriptions."
Resources/Readings	Selected bibliography and links to web-based resources will be provided.
Evaluation Method(s)	Direct Observation Conference Participation Simulated Chart Review Formal Presentation
Contact Information	Course Director: Dr. Kevin B. Costello, costelk@amc.edu , 518-577-0495
Last Updated	February 24, 2023



Department	Medicine
Course Number	MED-4007
Course Name	Cardiology
Faculty	Dr. Radmilla Lyubarova
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3 rd year.
Elective Description	The goals of the elective are to provide the student with instruction and a broad experience in clinical cardiology. The student shall participate in daily patient rounds and teaching conferences with emphasis upon learning the skills of history, physical examination, electrocardiography, non-invasive testing and an introduction to cardiac catheterization. The student may spend the majority of the elective with the cardiology service on either the Coronary Care Unit or the inpatient/consultation service. The student should attend noon conferences Mondays through Thursdays, which include: echo/imaging conference, cardiac catheterization, ECG, journal club and module related sessions. Alternatively, the student may participate in the cardiology teaching program at the Veterans Administration Medical Center or in the outpatient cardiology clinic at Albany Medical Center. On the first day of the rotation, students should meeting in the Cardiology Conference Room 209 at 7:30am for sign-outs. They will be joining the CCU Team.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Perform a thorough and comprehensive cardiac exam including the ability to identify cardiac murmurs. 2. Under appropriate supervision, identify and correctly treat congestive heart failure. 3. Demonstrate the ability to interpret electrocardiograms including recognizing myocardial infarctions and conduction delays. 4. Provide patient care that is compassionate, appropriate and effective for the treatment of health problems. 5. Demonstrate a commitment to accountability, excellence in practice, adherence to ethical principles, humanism, altruism, and sensitivity to diversity.
Types of Patients	Students will have direct supervised care of a broad diversity of patients in the inpatient and/or outpatient setting.
Teaching Sessions/ Conferences	Grand Rounds: Second and Fourth Thursday of the month from 8:30 - 9:30 in ME100.
Resources/Readings	Sakai link: https://sakai.amc.edu/portal/site/8e401ac3-1e82-4f5f-9879-b57e100e32f0/tool/f5971b11-9ff5-4aab-a8ab-a3bbdf1c85a6
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Emma Galvin, galvine@amc.edu
Last Updated	February 7, 2023



Department	Medicine
Course Number	MED-4008
Course Name	Scleroderma: Diagnosis and Management of a Multisystem Disease
Faculty	Drs. Shapiro, Medarov, Tadros and Allen
Period(s) Available	3, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Completion of Internal Medicine Clerkship and successful completion of third year. Ability to travel to Malta site 2-3 days/week.
Elective Description	Outpatient exposure to care of individuals with scleroderma in three practice locations: rheumatology scleroderma clinic, pulmonary clinic (pulmonary hypertension and interstitial lung disease), and gastroenterology (motility disorders clinic). Faculty for course will include rheumatology (Drs. Lee Shapiro and Michael Allen), pulmonologist (Dr. Boris Medarov), and gastroenterologist (Dr. Micheal Tadros). Student would spend 2-3 days with rheumatologist and 1-2 days with pulmonologist and gastroenterologist (minimum of two days with rheumatologist and one day each with pulmonologist and gastroenterologist). Nephrology, cardiology and clinical pharmacy involvement in some cases.
Educational Objectives	The focus is on scleroderma as a disease that requires application of knowledge from multiple disciplines, the development of a care team, and the coordination of care. Students will learn: <ol style="list-style-type: none"> 1. How is a disease with multiple potential presentations recognized and definitively diagnosed? 2. How are difficult diagnoses presented to patients; how is education custom-crafted for each individual? 3. What are the manifestations of scleroderma in each major organ system? 4. How is care coordinated between different specialists? How do different specialists view the same disease differently? 5. What aspects of care of this disease are adequate/inadequate? 6. How does a chronic disease evolve over time? How does care of early and late disease differ?
Types of Patients	These will be primarily adult patients, a few teenagers, all either referred because of suspicion of scleroderma, or with an established diagnosis. Patients may have had the disease for weeks or decades. Patients will have a spectrum of mild to severe disease. The disease can affect all ethnicities. The disease can affect individuals of each sex, but is more common in females (3:1), so the patient population seen will be predominantly female.
Teaching Sessions/ Conferences	Students will participate in rheumatology journal club, presenting scleroderma related article, and may also participate in interstitial lung disease conference and potentially in GI conference.
Resources/Readings	Video lectures available at sclerodermavideo.com ; The Scleroderma Book, by Maureen Mayes, MD; Scleroderma, text by Christopher Denton, MD, John Varga, MD.
Evaluation Method(s)	Direct Observation Mid-Rotation Feedback Patient Write-Ups Conference Participation Formal Presentation
Contact Information	Course Coordinator: Emma Galvin, galvine@amc.edu Course Directors: Lee Shapiro, MD, Rheumatology, shapirl@amc.edu , 518-727-5866; Pulmonary: Boris Medarov, MD, medarob@amc.edu ; Gastroenterology: Micheal Tadros, MD, tadros1@amc.edu ; Rheumatology: Michael Allen, MD
Last Updated	1/31/2023



Department	Medical Education
Course Number	MEDED-4005
Course Name	Literature & Medicine
Faculty	Dr. Ellen Cosgrove
Period(s) Available	4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	Unlimited
Visiting Students	No
Prerequisites	Successful completion of 3 rd year.
Elective Description	<p>The goal for this elective is to promote self-reflection in relation to personal goals and aspirations as medical professionals by examining the intersection between medicine and literature. The elective entails independent work where students will select and read literary works (fiction and non-fiction) about the practice of medicine, physicians' and/or patients' perspectives, personal illness narratives, or health and illness in general. Students are expected to choose a theme or themes of special interest for critical analysis and discussion. Requirements: 1) Submission of a plan regarding selected theme(s) and readings to instructor prior to the elective; and 2) reading five to eight books, and 3) completion of an in-depth analysis of at least four books as a written assignment.</p> <p>PLEASE NOTE: THIS COURSE QUALIFIES AS A NON-CLINICAL ELECTIVE. ADDITIONALLY, STUDENTS MUST COMPLETE THE ELECTIVE COURSE REQUIREMENTS IN THE SAME TIMEFRAME FOR WHICH THEY ARE OFFICIALLY REGISTERED FOR THE COURSE.</p>
Educational Objectives	<p>The student will demonstrate the ability to:</p> <ol style="list-style-type: none"> 1. Examine how medicine and literature intersect; 2. Describe how narrative knowledge can benefit physicians in care of patients; 3. Assess the personal impact of reading medically-related literature
Types of Patients	Non-Clinical
Teaching Sessions/ Conferences	Independent work
Resources/Readings	Student will identify and choose relevant readings
Evaluation Method(s)	Written Assignment
Contact Information	Course Coordinator: Nick Partyka, partykn@amc.edu
Last Updated	January 30, 2023



Department	Medical Education
Course Number	MEDED-4008
Course Name	Scholars in Bioethics
Faculty	Dr. Wayne Shelton
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8
Available Length	4 weeks
Max Students	4
Visiting Students	No
Prerequisites	Special Requirements: Students must have permission of instructor prior to registering for this course. Students will have weekly contact, starting on day one of the rotation, with their mentor who is overseeing their research project.
Elective Description	This 4-week elective is required for all students who participate in the Bioethics Distinction Program and students may sign up for this elective during Periods 1-8 only. The objective of this election is to focus on a bioethical topic and to write a 4,000-5,000 word research paper ready for submission to a professional journal by the end of the elective. Topics must be preapproved by the instructor before registering. PLEASE NOTE: THIS COURSE QUALIFIES AS A NON-CLINICAL ELECTIVE. ADDITIONALLY, STUDENTS MUST COMPLETE THE ELECTIVE COURSE REQUIREMENTS IN THE SAME TIMEFRAME FOR WHICH THEY ARE OFFICIALLY REGISTERED FOR THE COURSE.
Educational Objectives	The student will: Become knowledgeable about a topic of special interest in bioethics, and, with guidance from a faculty mentor, produce a scholarly manuscript ready for submission to a medical or bioethics journal.
Types of Patients	N/A
Teaching Sessions/ Conferences	Independent research
Resources/Readings	Meetings with project mentor; student will develop a set of references in relation to his or her project.
Evaluation Method(s)	Direct Observation Written Assignment
Contact Information	Course Director: Dr. Wayne Shelton, sheltow@amc.edu
Last Updated	February 20, 2023



Department	Medical Education
Course Number	MEDED-4009
Course Name	Medical Informatics
Faculty	Enid Geyer & Elizabeth Irish
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	<p>This independent study elective is designed for students who have an interest in the application of technology in medicine. The student will research a topic of interest subject to the instructor's approval. In addition to searching multiple resources, the student will be expected to conduct one interview relevant to the research. Sample topics include electronic health records; social media; decision support systems; metadata; point of care tools; or technology in patient care compliance, education and training, health literacy, or quality.</p> <p>PLEASE NOTE: THIS COURSE QUALIFIES AS A NON-CLINICAL ELECTIVE. ADDITIONALLY, STUDENTS MUST COMPLETE THE ELECTIVE COURSE REQUIREMENTS IN THE SAME TIMEFRAME FOR WHICH THEY ARE OFFICIALLY REGISTERED FOR THE COURSE.</p>
Educational Objectives	<p>The student will demonstrate the ability to:</p> <ol style="list-style-type: none"> 1. Define and appraise a technology in medicine that is currently in use or on the horizon. 2. Analyze benefits and risks associated with implementing the technology in clinical practice. 3. Summarize the findings by evaluating existing or potential uses of the technology for improving patient care.
Types of Patients	N/A
Teaching Sessions/ Conferences	Individual sessions with faculty.
Resources/Readings	Dependent upon selected topic.
Evaluation Method(s)	Written Assignment
Contact Information	<p>Course Directors: Enid Geyer, MLS, MBA, geyere@amc.edu, 518-262-5585 Elizabeth Irish, MLS, LMI Theme Leader, irishe@amc.edu, 518-262-4980</p>
Last Updated	February 24, 2023



Department	Medical Education
Course Number	MEDED-4010
Course Name	Political Advocacy in Medicine
Faculty	Dr. Joe Wayne
Period(s) Available	7-10; individually arranged
Available Length	4 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	<p>The Steven Walerstein, MD, MACP Advocacy Internship Program is, first and foremost, an educational program designed to introduce medical students and residents to the various ways in which state health policy issues impact the practice of medicine. Interns will be asked to select an issue that is important to them to focus on throughout the duration of their 3-4 week program. Interns will learn how to research state policies that impact their area of interest, and how to find federal policy guidance influencing state policy decision-making. Using a focus issue as a starting point, interns will prepare a policy brief summarizing their topic in a format prescribed by NYACP. Ideally, the policy brief will become a guidance document for NYACP's Health & Public Policy Committee with enduring impact by informing the work of the committee in a meaningful way. Each issue studied by NYACP advocacy interns throughout the 2021 academic year must be distinct from one another and impact internal medicine. Advocacy interns are encouraged to interview and/or survey medical students, residents and/or physicians as part of their work on their project as a way to gather insights and recommendations from practitioners. All advocacy interns must meet with NYACP program administrators at least once per week. During the course of the internship, the NYACP office will engage in various legislative activities. When appropriate, interns will be invited to participate in these meetings (ie: NYACP advocacy day, ACP leadership meeting, NYACP Council/Board, etc.). Additionally, as issues arise during the NYS legislative session, interns will be asked to write drafts of memorandum in support or opposition to legislation in accordance with NYACP positions on issues.</p> <p>PLEASE NOTE: THIS COURSE QUALIFIES AS A NON-CLINICAL ELECTIVE.</p>
Educational Objectives	<p>At the conclusion of the NYACP advocacy internship, participants will be able to:</p> <ol style="list-style-type: none"> 1. Identify sources of NYS-level policy influence on the practice of medicine. 2. Describe how the NYS Legislature influences health policy. 3. Describe how NY agencies (e.g.: NYS Department of Health) impact health policy. 4. Identify ACP positions on issues of importance to the practice of internal medicine. 5. Reach members of the NYS Legislature and identify policy issues they would like to discuss. 6. Conduct a meeting with legislative leaders. 7. Prepare memorandum in support and/or opposition to health policy proposals. 8. Write a health policy position memoranda. 9. Use qualitative and/or quantitative research designs to collect information on health policy issues. 10. Conduct health policy research. 11. Articulate policy positions for policy decision-making leaders.
Types of Patients	N/A
Teaching Sessions/ Conferences	Defined depending on project topic.
Resources/Readings	Defined depending on project topic.
Evaluation Method(s)	<p>Direct Observation Written Assignment Conference Participation</p>
Contact Information	Course Coordinator: Loretta Ponesse, lponesse@nyacp.org
Last Updated	1/25/2023



Department	Medical Education
Course Number	MEDED-4016
Course Name	Advanced Anatomy
Faculty	Dr. Michael Smith
Period(s) Available	2, 3, 4, 5, 6, 7, 8, 9
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	<p>The advanced anatomy elective will allow the student to choose an area of interest within gross anatomy and perform a detailed dissection of that particular area. The dissection will be under the supervision of one of the anatomy faculty. In addition to the dissection, the student will complete relevant learning modules in the areas of patho-anatomy and radiological anatomy emphasizing the anatomical basis of clinical medicine. A final oral assessment will be conducted at the dissecting table.</p> <p>PLEASE NOTE: THIS QUALIFIES AS A NON-CLINICAL ELECTIVE.</p>
Educational Objectives	<ol style="list-style-type: none"> 1. Identify the anatomy related to the area dissected and relate that anatomy to radiological images. 2. Know the essential anatomy components of frequently used physical exam techniques and identify relevant surface anatomy landmarks used in those techniques. 3. Explain the relationship of anatomical structures and their relevance to making a clinical diagnosis. 4. Synthesize signs and symptoms provided in a case report, determine a differential diagnosis, and explain the relevant anatomy.
Types of Patients	Cadaver dissection.
Teaching Sessions/ Conferences	N/A
Resources/Readings	Readings will be provided by instructors based on subject area.
Evaluation Method(s)	<p>Direct Observation</p> <p>Written Assignment</p> <p>Formal Presentation</p>
Contact Information	Course Director: Dr. Michael P. Smith, smithm6@amc.edu, 518-262-5386
Last Updated	February 24, 2023



Department	Medical Education
Course Number	MEDED-4017
Course Name	Spiritual Care Elective
Faculty	Joseph Mali & Jacob Marvel
Period(s) Available	4, 9
Available Length	2 weeks
Max Students	3
Visiting Students	Yes
Prerequisites	
Elective Description	Students will spend 2 weeks during their final year of medical school providing compassionate spiritual and emotional support to people of all faiths or of no particular faith. PLEASE NOTE: THIS COURSE QUALIFIES AS A NON-CLINICAL ELECTIVE.
Educational Objectives	1. Gain a deeper appreciation for the function of spiritual care in the healing process. 2. Understand the role of multi-faith chaplains within the hospital setting. 3. Experience all the spiritual services that Albany Medical Center has to offer patients, families, and staff. 4. Learn how to better nurture spiritual health within the patient-physician relationship and among family members. 5. Augment listening skills and improve effectiveness of emotional support. 6. Pay more attention to the religion and spirituality of patients and their families.
Types of Patients	Students will see a diverse group of patients and their families in the hospital, for a variety of spiritual needs.
Teaching Sessions/ Conferences	Spiritual care participation, CPE Sessions/webinars, Daily reflections, Debrief sessions
Resources/Readings	Arranged according to student's project.
Evaluation Method(s)	Direct Observation Written Assignment
Contact Information	Course Coordinator: Virginia Vogel-Polizzi, vogelpv@amc.edu; Course Directors: Joseph Mali, malij2@amc.edu, Jacob Marvel, marvelj@amc.edu; Pastoral Care 518-262-3176
Last Updated	January 31, 2023



Department	Medical Education
Course Number	MEDED-4102
Course Name	Senior Research Elective
Faculty	Dr. Mandeep Sidhu and Dr. Thomas Andersen supervise the course. Individually arranged faculty members serve as mentors and project supervisors for each student.
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	Unlimited
Visiting Students	No
Prerequisites	Students must have prior research experience, such as participation in Summer Research Fellowship, M.D. with Distinction in Research track (or other Distinction tracks), external research opportunity (e.g., Year Out for Research), a Scholarly Endeavors project, or permission of the Course Director.
Elective Description	<p>This elective provides opportunities for students to work on new projects or to complete their ongoing research projects prior to completion of medical school. Students who need to finish their experimental work, or who need guidance in preparation of their thesis or public presentation, or who need to focus on writing a manuscript for publication, can benefit from this elective and the individualized nature of the instruction. The range of available scholarly training is quite broad and will be matched to the topics that are particularly important to the student.</p> <p>PLEASE NOTE: THIS COURSE QUALIFIES AS A NON-CLINICAL ELECTIVE. ADDITIONALLY, STUDENTS MUST COMPLETE THE ELECTIVE COURSE REQUIREMENTS IN THE SAME TIMEFRAME FOR WHICH THEY ARE OFFICIALLY REGISTERED FOR THE COURSE.</p>
Educational Objectives	<p>Upon completion of this elective, the student will document progress toward the course objectives through means including some (but not all) of these methods:</p> <ol style="list-style-type: none"> 1. Prepare and present a formal seminar of their research project. 2. Write and defend a thesis based on their research project. 3. Demonstrate mastery of the research area through oral and written interactions with faculty. <p>As individually arranged, students may: a. Demonstrate mastery of research skills while working in a laboratory, clinic, or field placements. b. Contribute to the preparation of a manuscript for submission to a professional journal.</p>
Types of Patients	N/A
Teaching Sessions/ Conferences	Individually arranged
Resources/Readings	Arranged according to student's project.
Evaluation Method(s)	<p>Direct Observation</p> <p>Written Assignment</p> <p>Mid-Rotation Feedback</p>
Contact Information	<p>Course Director: Dr. Mandeep Sidhu, sidhum@amc.edu</p> <p>Dr. Thomas Andersen, anderst@amc.edu</p>
Last Updated	1/31/2023



Department	Medicine
Course Number	MEDEND-4003
Course Name	Endocrinology
Faculty	Dr. Vibhavasv Sharma
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	The goals of the elective are to provide the student with instruction and a broad experience in endocrinology. The student will participate in the outpatient and inpatient setting. The student will attend all teaching conferences and their focus will be on the history and physical examination skills particularly pertaining to endocrinology. The student will be assigned to a clinic or inpatient consult service and evaluate patients under supervision of a fellow in endocrinology or an attending physician. On the first day of the rotation, students will meet at 25 Hackett Blvd, on the 3rd floor of the South Clinical Campus. Report by 8am.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Perform a thorough and comprehensive physical exam. 2. Under appropriate supervision, identify and correctly treat diabetes mellitus, thyroid and adrenal disorders. 3. Correctly interpret thyroid studies, blood sugars, and adrenal studies. 4. Provide patient care that is compassionate, appropriate and effective for the treatment of health problems. 5. Display a commitment to accountability, excellence in practice, adherence to ethical principles, humanism, altruism and sensitivity to diversity.
Types of Patients	Students will have direct supervised care of a broad diversity of patients in the outpatient setting.
Teaching Sessions/ Conferences	All teaching conferences will be done on Tuesdays from 8:00am-9:00am and Thursdays from 8:00am-1:00pm. This will include fellows' case conference, journal club, medicine grand rounds and the pathology conference.
Resources/Readings	Defined and provided upon enrollment
Evaluation Method(s)	Direct Observation Conference Participation
Contact Information	Course Coordinator: Emma Galvin, galvine@amc.edu
Last Updated	February 7, 2023



Department	Medicine
Course Number	MEDGAS-4001
Course Name	Gastroenterology
Faculty	Dr. Asra Batool
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	No
Prerequisites	Successful completion of 3 rd year.
Elective Description	The goals of the elective are to provide the student with instruction and a broad experience in gastroenterology. The student may participate in the inpatient and/or outpatient setting. The student will attend all teaching conferences and their focus will be on the history and physical examination skills particularly pertaining to gastroenterological diseases. In the inpatient setting, the student will attend daily patient rounds with the attending and provide appropriately supervised care. In the outpatient setting, the student will be assigned to a clinic and evaluate patients under supervision of a fellow or attending physician. On the first day of the rotation, students should report by 8am to Dr. Hasak on the 4th floor in the A building. Please find Dr. Batool on your first day to go over the schedule for the rest of your elective.
Educational Objectives	The goals of the elective are to provide the student with instruction and a broad experience in gastroenterology. The student may participate in the inpatient and/or outpatient setting. The student will attend all teaching conferences and their focus will be on the history and physical examination skills particularly pertaining to gastroenterological diseases. In the inpatient setting, the student will attend daily patient rounds with the attending and provide appropriately supervised care. In the outpatient setting, the student will be assigned to a clinic and evaluate patients under supervision of a fellow or attending physician.
Types of Patients	Students will have direct supervised care of a broad diversity of patients in the inpatient and/or outpatient setting.
Teaching Sessions/ Conferences	GI Conference: Thursdays, 8:00-10:00am.
Resources/Readings	Defined and provided upon enrollment
Evaluation Method(s)	Direct Observation Conference Participation
Contact Information	Course Coordinator: Emma Galvin, galvine@amc.edu
Last Updated	February 7, 2023



Department	Medicine
Course Number	MEDHEM-4000
Course Name	Hematology & Oncology
Faculty	Dr. Makenzi Evangelist
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3 rd year.
Elective Description	The goals of the elective are to provide the student with instruction and a broad experience in clinical hematology and oncology. The student may participate in the inpatient and/or outpatient setting. The student will attend all teaching conferences and their focus will be on the history and physical examination skills particularly pertaining to hematology and oncology. Alternatively, the student may participate in the hematology and oncology teaching program at the Veterans Administration Medical Center or in the outpatient hematology and oncology clinic at Albany Medical Center. Student reporting varies by instructor: Drs. Bellomo, Chaukiyal, George, Hussain, Raval - report to NYOH, 1st floor of AMC near A elevators. Drs. Wrzesinski, Negandhi, Ravilla, Kambam, Evangelist - report to 400 Patroon Creek, Suite A210, Albany NY.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Demonstrate the ability to perform a thorough and comprehensive physical exam. 2. Under appropriate supervision, identify and correctly treat anemia and thrombocytopenia. 3. Demonstrate the ability to interpret blood cell counts, peripheral smears, and identify appropriate workups for possible oncological disorders. 4. Provide patient care that is compassionate, appropriate and effective for the treatment of health problems. 5. Demonstrate a commitment to accountability, excellence in practice, adherence to ethical principles, humanism, altruism, and sensitivity to diversity.
Types of Patients	Students will have direct supervised care of a broad diversity of patients in the inpatient and/or outpatient setting.
Teaching Sessions/ Conferences	Grand Rounds: Second and Fourth Thursday of the month from 8:30- 9:30 in ME100.
Resources/Readings	Defined and provided upon enrollment
Evaluation Method(s)	Direct Observation Conference Participation
Contact Information	Course Coordinator: Emma Galvin, galvine@amc.edu
Last Updated	February 7, 2023



Department	Medicine
Course Number	MEDINF-4010
Course Name	Infectious Disease
Faculty	Drs. Alan Sanders and Evan Boyle
Period(s) Available	1, 2 ,3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	A thorough exposure to clinical infectious diseases, based on hospital consultations, antibiotic stewardship, and infection prevention. Will be exposed to comprehensive antibiotic review, gain competence in performance of a through consultation for many surgical and medical conditions.
Educational Objectives	Select appropriate antibiotics for specific disease processes Describe common microbiology laboratory methods Develop broad experience in performing a ID consultation
Types of Patients	Adult patients with endocarditis (IVDU), surgical infections, immunosuppression, post-trauma infections
Teaching Sessions/ Conferences	Ambulatory Case Conference – Mondays at noon Grand Rounds – Tuesdays at 8am Individual one-on-one teaching with Dr. Sanders
Resources/Readings	Mandell’s Principles and Practice of Infectious Diseases
Evaluation Method(s)	Faculty evaluation of student’s clinical participation and performance Written evaluation Student presentation of cases to faculty Mid-clerkship feedback
Contact Information	Alan Sanders, MD sandera@amc.edu ; 518-262-4732
Last Updated	1/31/2023



Department	Medicine
Course Number	MEDNEP-4991
Course Name	Nephrology
Faculty	Dr. Kelly Beers
Period(s) Available	1, 2 ,3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3 rd year.
Elective Description	The goals of the elective are to provide the student with instruction and a broad experience in clinical nephrology. The student may participate in the inpatient and/or outpatient setting. The student will attend all teaching conferences and their focus will be on the history and physical examination skills particularly pertaining to nephrology. Alternatively, the student may participate in the nephrology teaching program at the Veterans Administration Medical Center or in the outpatient nephrology clinic at Albany Medical Center. On the first day of the rotation, students should report to 25 Hackett Blvd, 1st floor.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Demonstrate the ability to perform a thorough and comprehensive physical exam. 2. Under appropriate supervision, identify and correctly treat acute and chronic renal failure. 3. Demonstrate the ability to interpret acid-base status, volume status, urine studies, proteinuria, and GFR. 4. Provide patient care that is compassionate, appropriate and effective for the treatment of health problems. 5. Demonstrate a commitment to accountability, excellence in practice, adherence to ethical principles, humanism, altruism, and sensitivity to diversity.
Types of Patients	Students will have direct supervised care of a broad diversity of patients in the inpatient and/or outpatient setting.
Teaching Sessions/ Conferences	
Resources/Readings	Defined and provided upon enrollment
Evaluation Method(s)	Direct Observation Conference Participation
Contact Information	Course Coordinator: Emma Galvin, galvine@amc.edu
Last Updated	February 7, 2023



Department	Medicine
Course Number	MEDPUL-4000
Course Name	Pulmonary
Faculty	Dr. Nagendra Madisi
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3 rd year.
Elective Description	The goals of the elective are to provide the student with instruction and a broad experience in pulmonary medicine. The student may participate in the inpatient and/or outpatient setting. The student will attend all teaching conferences and their focus will be on the history and physical examination skills particularly pertaining to pulmonary diseases. In the inpatient setting, the student will attend daily patient rounds with the attending and provide appropriately supervised care. In the outpatient setting, the student will be assigned to a clinic and evaluate patients under supervision of a fellow or attending physician. On the first day of the rotation, students should report to 16 New Scotland Ave., 2nd floor of Pulmonary Clinic by 8 a.m.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Demonstrate the ability to perform a thorough and comprehensive pulmonary exam. 2. Under appropriate supervision, identify and correctly treat obstructive lung disease and asthma. 3. Demonstrate the ability to correctly interpret chest X-rays, acid-base status, and pulmonary function tests. 4. Provide patient care that is compassionate, appropriate and effective for the treatment of health problems. 5. Demonstrate a commitment to accountability, excellence in practice, adherence to ethical principles, humanism, altruism, and sensitivity to diversity.
Types of Patients	Students will have direct supervised care of a broad diversity of patients in the inpatient and/or outpatient setting.
Teaching Sessions/ Conferences	<ol style="list-style-type: none"> 1. Tuesday noon conference (A418 conference room) – Case conference, 3-4 interested cases will be presented. 2. Wednesday noon Conference (A418 conference room) – Fellows presentation – Journal Club, Physiology conference, or M&M. 3. 2nd Friday of month at noon (Basement, Radiology Conference) – Combined Radiology and Pulmonary Conference.
Resources/Readings	To be defined upon enrollment.
Evaluation Method(s)	Direct Observation Conference Participation
Contact Information	Course Coordinator: Emma Galvin, galvine@amc.edu
Last Updated	February 7, 2023



Department	Medicine
Course Number	MEDRHE-4022
Course Name	Rheumatology
Faculty	Dr. Richard Ngo
Period(s) Available	1, 2 ,3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3 rd year.
Elective Description	The goals of the elective are to provide the student with instruction and a broad experience in rheumatology. The student will attend all teaching conferences and their focus will be on the history and physical examination skills particularly pertaining to rheumatological diseases. The student will participate in the inpatient and outpatient setting and be supervised by fellows in rheumatology and a supervising attending physician.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Demonstrate the ability to perform a thorough and comprehensive rheumatological exam with particular attention to the musculoskeletal exam. 2. Under appropriate supervision, identify and correctly treat common rheumatological disorders including rheumatoid arthritis, spondyloarthropathies (psoriatic arthritis, ankylosing spondylitis, reactive arthritis, enteropathy-related arthropathy), fibromyalgia, gout, crystal-induced arthritis, lupus, Sjogren's Syndrome, Raynaud's phenomenon, idiopathic inflammatory myopathies, osteoarthritis and vasculitides. 3. Demonstrate the ability to correctly interpret X-rays and lab data pertaining to connective tissue diseases, spondyloarthropathies, vasculitis and crystal-induced arthropathies. 4. Provide patient care that is compassionate, appropriate, and effective for the treatment of health problems. 5. Demonstrate a commitment to accountability, excellence in practice, adherence to ethical principles, humanism, altruism, and sensitivity to diversity.
Types of Patients	Students will have direct supervised care of a broad diversity of patients in the inpatient and/or outpatient setting.
Teaching Sessions/ Conferences	Grand Rounds: Second and Fourth Thursday of the month from 8:30-9:30 in ME100.
Resources/Readings	Defined and provided upon enrollment. Suggested readings: Approach to the Patient with a Musculoskeletal Disorder. Warren Blackburn, MD, Ed. 1999 or newer editions; The Washington Manual of Rheumatology Subspecialty Consult. Leslie Kahl, Lippincott Williams & Wilkins. June 2012; Brigham and Women's Experts' Approach to Rheumatology, Jonathan Coblyn, Michael Weinblatt, Simon Helfgott, Bonnie Bermas Jones & Bartlett Learning, Oct. 22, 2010
Evaluation Method(s)	Direct Observation Conference Participation
Contact Information	Course Coordinator: Emma Galvin, galvine@amc.edu
Last Updated	February 24, 2023



Department	Neurology
Course Number	NEU-4004
Course Name	Neurology Outpatient
Faculty	Dr. Matthew Murnane
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year. AMC students must have successfully completed the required clerkship in Neurology. Visiting students may choose to take this as allowed by their own institution's policy and subject to availability and course director approval.
Elective Description	To familiarize students with the spectrum of patient care challenges that arise in an outpatient setting. This is accomplished in both general and subspecialty clinics, including movement disorders, epilepsy, and dementia.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Learn to translate your understanding of the medical significance of symptoms, signs, test results, diagnoses, and management plans into language that patients and families can understand. 2. Learn to elicit key aspects of the history and exam that enable initial management to proceed in the timely fashion required in an outpatient practice. 3. Learn the common pharmacologic and non-pharmacologic treatment options for management of common and treatable neurologic outpatient disorders (e.g.-epilepsy, spine pain, headache). 4. Communicate test results and their significance to patients, and discuss test results of uncertain significance with attending staff. 5. Learn to develop a neuroanatomic localization of patient-specific symptoms and signs, and an initial differential diagnosis to discuss with the supervising outpatient attending.
Types of Patients	Adult and pediatric patients with neurologic disease/disorders, including seizures, neuromuscular disease, headaches, chronic pain, disorders of cognition, vascular disease, demyelinating disease.
Teaching Sessions/ Conferences	Grand Rounds, Thursdays 8:30-9:30
Resources/Readings	Weiner & Goetz; Neurology for the Non-Neurologist - 3rd edition Adams & Victor; Principles of Neurology (accompanying handbook also acceptable) Harrison's Neurology in Clinical Medicine Weiner & Levitt; Neurology for the House Officer Aids to the Examination of Peripheral Nerve Injuries (Publisher: Her Majesty's Stationery Office)
Evaluation Method(s)	Direct Observation Written Assignment Mid-Rotation Feedback Patient Write-Ups
Contact Information	Course Coordinator: Marcia Lamb, lambm@amc.edu, 518-262-7850 Course Director: Dr. Matthew Murnane, murnanm@amc.edu, 518-262-5226
Last Updated	February 24, 2023



Department	Neurology
Course Number	NEU-4008
Course Name	Epilepsy
Faculty	Drs. Timothy Lynch, Marjorie Bunch, Marianna Spanaki, Bridget Frawley, and John Lansing
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year. AMC students must have successfully completed the required clerkship in Neurology. Visiting students may choose to take this as allowed by their own institution's policy and subject to availability and course director approval
Elective Description	The student will be a member of the Epilepsy team, attending daily rounds on the Epilepsy Monitoring Unit with the faculty and neurology housestaff, reading routine EEGs and seeing outpatients with the epilepsy faculty.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. To distinguish among different seizure types and syndromes. 2. To become familiar with medical treatment options for epilepsy. 3. To become familiar with the use and common complications of anticonvulsant therapy. 4. To learn about emerging medical, surgical and alternate treatment options for intractable epilepsy.
Types of Patients	Adult and adolescent patients with epilepsy and other seizure disorders.
Teaching Sessions/ Conferences	Didactic conferences, morning report, Grand Rounds and other conferences as appropriate.
Resources/Readings	Epilepsy 101 - The Ultimate Guide for Patients and Families By The National Epilepsy Educational Alliance Website: www.medicuspress.com Paperback (ISBN 13: 978-0-9787727-3-4)
Evaluation Method(s)	Direct Observation
Contact Information	Course Coordinator: Marcia Lamb, lambm@amc.edu , 518-262-7850 Course Director: Dr. Timothy Lynch, lyncht@amc.edu , 518-262-5226
Last Updated	February 24, 2023



Department	Neurology
Course Number	NEU-4009
Course Name	Child Neurology
Faculty	Dr. John A. Pugh
Period(s) Available	1, 2 ,3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	<p>This elective is designed to provide students interested in learning more about pediatric neurology with an intensive exposure to both inpatient and outpatient aspects of the field. Students will work closely with Dr. Pugh in both clinical settings and occasionally with other providers. They will be responsible for independently seeing patients, obtaining histories, performing physical examinations, and completing relevant patient documentation. The spectrum of disease processes involved is provided under the objectives section.</p> <p>PLEASE NOTE: THIS ELECTIVE MAY BE ARRANGED ANY TIME DURING FOURTH YEAR BUT REQUIRES COORDINATION THROUGH DR. PUGH TO ENSURE THAT THERE ARE ADEQUATE LEARNING OPPORUNITIES FOR THE STUDENT WHICH ARE NOT AFFECTED BY OTHER ROTATORS.</p>
Educational Objectives	<p>By the end of this rotation students are expected to be able to:</p> <ol style="list-style-type: none"> 1. Obtain a comprehensive neurologic history that addresses common conditions/chief complaints encountered by a child neurologist. 2. Perform a neurologic examination on children of varying ages from the neonatal period through toddlerhood, childhood and into adolescence. 3. Generate a differential diagnosis for children presenting for common neurologic conditions/ complaints encountered by a child neurologist. 4. Provide an assessment and plan crafted to address common neurologist conditions/ complaints. Common conditions/complaints include: seizures, non-epileptic paroxysmal events, movement disorders, headaches, developmental delay, cerebral palsy, hypotonia, and neuromuscular disorders.
Types of Patients	
Teaching Sessions/ Conferences	Neurology Grand Rounds – 8:30 Thursday; Pediatrics Grand Rounds – 8:00 Tuesday
Resources/Readings	Recommended - Fenichel’s Clinical Pediatric Neurology, A Signs and Symptoms Approach. Dr. Pugh has a copy which can be loaned to the student during the rotation.
Evaluation Method(s)	Direct Observation Mid-Rotation Feedback
Contact Information	Course Director: Dr. John Pugh, pughj@amc.edu
Last Updated	January 31, 2023



Department	Neurology
Course Number	NEU-4010
Course Name	Pain Medicine
Faculty	Dr. Charles Argoff
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year. AMC Students must have successfully completed the required clerkship in Neurology. Visiting students may choose to take this as allowed by their own institution's policy and subject to availability and course director approval.
Elective Description	The student will gain experience in obtaining histories, examining patients and formulating differential diagnoses and plans for evaluation of patients with chronic pain syndromes.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Be able to describe and complete a pain management assessment including history, physical and ordering of appropriate diagnostic tests. 2. Be able to recognize the known etiologies of common chronic pain syndromes. 3. Be able to develop a preliminary treatment plan for a patient with chronic pain.
Types of Patients	Adult and adolescent patients with chronic pain.
Teaching Sessions/ Conferences	Didactic conferences, morning report, Grand Rounds and other conferences as appropriate.
Resources/Readings	Pain Management Secrets, 3rd ed (Argoff & McCleane)
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Marcia Lamb, lambm@amc.edu, 518-262-7850 Course Director: Dr. Charles Argoff, argoffc@amc.edu, 518-262-5226
Last Updated	February 24, 2023



Department	Neurology
Course Number	NEU-4016
Course Name	Stroke/Vascular Neurology
Faculty	Drs. Colum Amory, Laura Risley, Panayiotis Varelas, Tamer Abdelhak
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year. AMC Students must have successfully completed the required clerkship in Neurology. Visiting students may choose to take this as allowed by their own institution's policy and subject to availability and course director approval.
Elective Description	The experience will be with the Clinical Stroke team. Students will round with the Vascular Neurology faculty as well as neurology residents, stroke fellows and nurse practitioners. Rounds include coverage of stroke patients in the neuro-intensive care unit (neuro-ICU). It is expected that there would be opportunity for observation of thrombolytic therapy for stroke, as well as newer interventions such as intra-arterial thrombolysis or mechanical intracranial clot retrieval with the neuroendovascular team. Students will be reviewed frequently.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Gain basic knowledge of the clinical spectrum, diagnostic tools and treatment in vascular neurology/cerebrovascular disease and stroke in both the inpatient and outpatient setting. 2. Gain understanding of the diagnostic and therapeutic approach to cerebrovascular disease, including medical endovascular treatment modalities.
Types of Patients	Patients with vascular disease/stroke.
Teaching Sessions/ Conferences	Didactic conferences, morning report, Grand Rounds and other conferences as appropriate.
Resources/Readings	Provided Upon Enrollment
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Marcia Lamb, lambm@amc.edu, 518-262-7850 Course Director: Dr. Colum Amory, amoryc@amc.edu
Last Updated	February 24, 2023



Department	Neurology
Course Number	NEU-4050
Course Name	Clinical Neurology
Faculty	Dr. Matthew Murnane
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year. AMC Students must have successfully completed the required clerkship in Neurology. Visiting students may choose to take this as allowed by their own institution's policy and subject to availability and course director approval.
Elective Description	The student will be a member of the Neurology inpatient, stroke and consultation teams, attending daily rounds with faculty and neurology housestaff. Students will attend didactic conferences, morning report, grand rounds and other conferences as appropriate. It is expected that the student will gain a sufficient background to start learning about neurologic disorders and learn a reasonable approach to the diagnosis, evaluation and management of neurologic orders.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Take a neurological history and perform a neurological examination. 2. Utilize this information to determine the presence of neurological disease and to appropriately classify it. 3. Recognize neurological emergencies and disease processes requiring urgent referral to a neurologist.
Types of Patients	Adult and pediatric patients with neurologic disease/disorders, including seizures, neuromuscular disease, headaches, chronic pain, disorders of cognition, vascular disease, demyelinating disease.
Teaching Sessions/ Conferences	Grand Rounds, Thursdays 8:30-9:30, Huyck Auditorium; Resident Teaching Conferences: M, T, W, F at noon in A206. Case conference – 1st Thursday of the rotation at 4:00.
Resources/Readings	Weiner & Goetz; Neurology for the Non-Neurologist - 3rd edition Adams & Victor; Principles of Neurology (accompanying handbook also acceptable); Harrison's Neurology in Clinical Medicine; Weiner & Levitt; Neurology for the House Officer; Aids to the Examination of Peripheral Nerve Injuries(Publisher: Her Majesty's Stationery Office)
Evaluation Method(s)	Direct Observation Written Assignment Mid-Rotation Feedback Patient Write-Ups
Contact Information	Course Coordinator: Marcia Lamb, lambm@amc.edu, 518-262-7850 Course Director: Dr. Matthew Murnane, murnanm@amc.edu, 518-262-5226
Last Updated	February 24, 2023



Department	Obstetrics and Gynecology
Course Number	OBG-4005
Course Name	Maternal Fetal Medicine
Faculty	Dr. Erica Nicasio
Period(s) Available	4, 5, 6, 7, 8
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	<p>The student will be immersed in the subspecialty of Maternal Fetal Medicine (MFM), both inpatient and outpatient. Responsibilities will include attendance and patient presentation at OB morning report and participation in inpatient walk-rounds. No night or weekend duty is required, although if interested, the student can participate in obstetrical night call. There will be opportunity to acquire basic skills in OB sonography. The student may assist in the delivery of antepartum patients for continuity of care if the schedule permits. A 15 minute oral presentation will be expected on the topic of the student's choosing to students and residents on the MFM service in the last week of the rotation.</p> <p>PLEASE NOTE THAT THIS ELECTIVE DOES NOT COUNT FOR THE AMC FOURTH YEAR AI REQUIREMENT.</p>
Educational Objectives	<p>The student will demonstrate the ability to:</p> <ol style="list-style-type: none"> 1. Perform an ultrasound to obtain an estimated fetal weight, amniotic fluid volume assessment, placental location, and biophysical profile. 2. Initiate and optimize insulin dosing in the pregnant diabetic. 3. Understand the methods of screening for and the diagnosis of fetal aneuploidy. 4. Learn methods of giving bad news to patients. 5. Refine history and physical examination skills. 6. Describe for cases of premature preterm rupture of the membranes the management and its rationale. 7. Integrate the results of fetal testing with the management of both inpatients and outpatients. 8. Develop communication skills with the maternal fetal medicine chief resident, nursing staff, attending, and other services including but not limited to anesthesia. 9. Participate in the monthly journal club.
Types of Patients	Inpatient and outpatient high-risk obstetrical patients. Patient visits on the outpatient service include high risk obstetrical consultations, genetic counseling, preconceptual counseling, and on-going MFM obstetrical care.
Teaching Sessions/ Conferences	Attend and participate in OB morning report, all obstetrical and gynecological conferences and monthly journal club. A 15 minute oral presentation will be expected on the topic of the student's choosing to students and residents on the MFM service in the last week of the rotation.
Resources/Readings	<ol style="list-style-type: none"> 1. Communication Strategies for Patient Handoffs. ACOG Committee Opinion #367, June 2007. 2. Communicating Bad News. Chisholm C, Pappas D.J., Sharp M. Obstetrics and Gynecology 1997; 90(4):637-639 3. Premature Rupture of Membranes. ACOG Practice Bulletin Number 80, April 2007. 4. Pregestational Diabetes Mellitus. ACOG Practice Bulletin Number 60, March 2005. 5. Screening for Fetal Chromosomal Abnormalities. ACOG Practice Bulletin Number 77, January 2007. 6. Intrapartum Fetal Heart Rate Monitoring. ACOG Practice Bulletin Number 70, December 2005. 7. Antepartum Fetal Surveillance. ACOG Practice Bulletin Number 9, October 1999.
Evaluation Method(s)	<p>Direct Observation</p> <p>Mid-Rotation Feedback</p> <p>Workshop/Simulation</p> <p>Formal Presentation</p>
Contact Information	Course Coordinator: Andrew Morris, morrisa1@amc.edu



Last Updated

March 6, 2023



Department	Obstetrics and Gynecology
Course Number	OBG-4006
Course Name	Family Planning Elective
Faculty	Dr. Flink-Bochacki
Period(s) Available	4, 5, 6, 7, 8
Available Length	2 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	The student will work with Ob-Gyn faculty and residents to provide family planning services to our patients. These services will include contraception, induced abortion, and management of spontaneous abortion and ectopic pregnancy. The student will be expected to complete required readings, attend all clinical and educational sessions, and give a 15-minute presentation on a topic of their choice. Faculty: Rachel Flink-Bochacki, Johanna Bringley, Cassandra Denefrio, Kathryn Kostamo, and Corinne McLeod.
Educational Objectives	<ol style="list-style-type: none"> 1. Understand and perform history-taking and physical exam pertinent to family planning care 2. Identify benefits/contraindications of different contraceptive methods and use shared decision-making to counsel patients 3. Know methods and potential complications of induced abortion 4. Understand social and political context of abortion in the U.S. 5. Develop procedural skills for contraception and abortion care -Maintain professionalism and compassionate attitude toward patients and staff
Types of Patients	Women of reproductive age
Teaching Sessions/ Conferences	Self-led didactics and discussions with faculty and the family planning resident, as well as other on-the-fly teaching sessions.
Resources/Readings	Specific readings to be assigned from primary articles and Management of Abnormal Pregnancy: Comprehensive Abortion Care (Paul et al.)
Evaluation Method(s)	<p>Direct Observation</p> <p>Mid-Rotation Feedback</p> <p>Formal Presentation</p>
Contact Information	<p>Course Coordinator: Andrew Morris, morrisa1@amc.edu</p> <p>Course Director: Dr. Rachel Flink-Bochacki, flinkbr@amc.edu</p>
Last Updated	March 6, 2023



Department	Obstetrics and Gynecology
Course Number	OBG-4007
Course Name	Ob-Gyn Transition to Residency
Faculty	Drs. Wiczulis & Denefrio
Period(s) Available	10
Available Length	2 weeks
Max Students	10
Visiting Students	No
Prerequisites	Successful completion of 3rd year. Completion of a 4th year Ob-Gyn Elective or Acting Internship
Elective Description	This two-week course will prepare students for their first year in an Ob- Gyn residency program using didactic lectures, hands-on simulation, and clinical experiences. Faculty: Drs. Alicia Wiczulis, Cassandra Denefrio, Rebecca Adler, Johanna Bringley, Peter Cole, Tabitha Cole, Erin Crosby, Katherine Husk, Scott Dexter, Rachel Flink-Bochacki, Chuck Hitt, Kathryn Kostamo, Daniel Kredentser, Tara Lynch, Benjamin Margolis, Bruce Morris, Erica Nicasio, Jennifer Pollard, Rebecca Rogers, Carolyn Slatch, Sylvia Sossner, Timothy Vinciguerra, Craig Zelig, and Meghan Zysik.
Educational Objectives	Upon completion of the course, students will be able to: <ol style="list-style-type: none"> 1. Outline the initial workup for triage patients on Labor and Delivery with common obstetric complaints 2. List the elements of standard prenatal care in an uncomplicated pregnancy 3. List the age-based screening components of women’s preventive care 4. Demonstrate the ability to perform one- and two-handed knots and subcuticular stitches 5. Describe core principles of working in the OR, such as aseptic technique, prepping, positioning, and draping patients, and the elements of a safety time-out 6. Create a handbook that will serve as a reference in residency
Types of Patients	Diverse patients in an urban setting. Students will see patients in the outpatient and inpatient setting, as well as in the OR and on L&D.
Teaching Sessions/ Conferences	Grand Rounds, Thursdays at 7:30 a.m.
Resources/Readings	Williams Obstetrics (full text available through Schaffer Library), Williams Gynecology (full text available through Schaffer Library), American College of Obstetricians and Gynecologists: various Practice Bulletins and Committee Opinions, Barry and Kohn’s Operating Room Technique
Evaluation Method(s)	Written Assignment Objective Structured CE
Contact Information	Course Coordinator: Andrew Morris, morrisa1@amc.edu Course Directors: Dr. Alicia Wiczulis, wiczula@amc.edu , 518-262-5013 Dr. Cassandra Denefrio, denefrc@amc.edu , 518-262-5013
Last Updated	February 24, 2023



Department	Obstetrics & Gynecology
Course Number	OBG-4010
Course Name	Urogynecology Elective
Faculty	Dr. Katherine Husk Dr. Rebecca Rogers Dr. Erin Deverdis Crosby Dr. Bradley Jacobs
Period(s) Available	4, 5, 6, 7, 8
Available Length	2 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of Obstetrics and Gynecology clerkship
Elective Description	The student will work with Ob/Gyn faculty and residents to provide urogynecology-based care to our patients. This includes management of pelvic floor disorders such as pelvic organ prolapse, urinary incontinence, fecal incontinence / accidental bowel leakage, pelvic pain, and recurrent UTIs, in both outpatient and operative settings. The student will be expected to complete all required readings, participate in outpatient clinics and surgical cases, and give a 15-minute presentation on a urogynecology topic of their choice.
Educational Objectives	Understand and perform history-taking and physical exam pertinent to urogynecology care Identify management strategies for common pelvic floor disorders such as pelvic organ prolapse, urinary incontinence, and fecal incontinence / accidental bowel leakage Develop procedural skills and build exposure in both office-based and surgical procedures for urogynecology Recognize factors that impact presentation for care for pelvic floor disorders such as stigma, embarrassment, and quality of life Maintain professionalism and compassionate attitude towards patients and staff
Types of Patients	The patient population includes adult women over a broad range of ages, presenting for care of pelvic floor disorders, in both outpatient clinical and surgical environments.
Teaching Sessions/ Conferences	FPMRS Weekly Meetings (Thursdays) @ 8:30-10:00: Case conference – weekly @ 8:30-9:00 or 9:15 Didactic teaching – 1st and 3rd Thursdays @ 9:15-10:00 Journal Club – 3rd Thursday @ 9:00-9:15, 5th Thursday @ 9:00-10:00 On-the fly teaching (outpatient clinical and operating room)
Resources/Readings	ACOG practice bulletins/best practice statements: Pelvic organ prolapse Urinary incontinence in women Fecal incontinence Recurrent UTI Obstructed defecation Guidelines: AUA Interstitial Cystitis/Bladder Pain Syndrome Journal of Urology Interstitial Cystitis Algorithm ACOG/AUGS Microscopic Hematuria AUA Microscopic Hematuria Additional readings to be assigned based on student’s interest



Evaluation Method(s)	Direct observation Formal presentation Final rotation feedback/evaluation
Contact Information	Course director: Dr. Katherine Husk – huskk@amc.edu Course coordinator: Andrew Morris – morrisa1@amc.edu
Last Updated	1/30/2023



Department	Ophthalmology
Course Number	OPT-4000
Course Name	Ophthalmology
Faculty	Dr. Michael Pokabla
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	3
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	This elective offers definitive work in ocular disease as correlated with clinical entities. The student will have responsibilities commensurate with their abilities in the outpatient department and with inpatients. The goal of this course is to further the student's knowledge of ophthalmology and introduce the student to the field of clinical investigation of ophthalmology. The individual student's goals may be to further their knowledge of ophthalmology pursuant to entering other fields or entering the field of ophthalmology. The rotation exposes the student to the different subspecialties found within the field of Ophthalmology. All attempts will be made to honor a student's request for concentration in a particular subspecialty.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Demonstrate familiarity with ophthalmic diagnostic techniques and identify common eye disorders, their ocular pathology, and treatment plans. 2. Demonstrate competency in performing the basic eye exam. 3. Identify and describe how to triage basic eye complaints. 4. Demonstrate proficiency using eye examination equipment.
Types of Patients	Students will examine patients at Albany Medical Center Eye Clinic, VAMC Eye Clinic, and the Lions Eye Institute. Participation in the operation room is a part of this elective.
Teaching Sessions/ Conferences	Students interested in Ophthalmology as a career should make arrangements with the Course Director to give a clinical presentation at the monthly department case conference. They will be expected to attend all resident and departmental conferences as well as accompany resident on evening call.
Resources/Readings	Defined and provided upon enrollment.
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback Formal Presentation
Contact Information	Course Coordinator: Mallory Dickson, dicksom@amc.edu
Last Updated	February 24, 2023



Department	Orthopaedics
Course Number	SURORT-4990
Course Name	Orthopaedic Surgery
Faculty	Dr. Kelley Banagan
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	During this 4-week rotation students receive an in-depth exposure to both ambulatory and hospital-based orthopaedics. The student becomes a member of the orthopedic surgical team and will actively participate in all phases of patient care. Each morning, students meet with the orthopaedic residents and rounding attendings to review the cases seen in the ED the day before. Evaluation of the patient and indications for orthopedic treatment will be stressed. This will also include interpretation of orthopedic radiographs. Students then spend time in the office with the attending physician or in the OR at AMC. Grand Rounds are held every Wednesday morning at the Bone and Joint Center and teaching sessions are held each Friday morning at AMC on various orthopedically oriented subjects. There is major emphasis on anatomy and pathology.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Identify basic fracture patterns 2. Identify basic orthopaedic conditions should as inflamed or arthritic joints, tendinitis, strains and sprains, and infections as well as outline a basic treatment plan for these conditions. 3. Discuss the principles of orthopaedic surgical exposure and wound closure, and post-operative wound care. 4. Define the basic principles for splint immobilization of injured extremities.
Types of Patients	Patient seen include ED admission, elective surgical patients, and outpatient visits seen at the Bone and Joint Center.
Teaching Sessions/ Conferences	Weekly Grand Rounds (Wed AM), Indications Conference (Thursday AM), Weekly Teaching Session (Monday AM)
Resources/Readings	Essentials of Musculoskeletal Care - 3rd Edition
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Kathy Pangburn, pangbuk@amc.edu
Last Updated	July 5, 2023



Department	Pathology
Course Number	PAT-4005
Course Name	Anatomic Pathology and Laboratory Medicine
Faculty	Dr. M. Kristina Subik
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	4
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	The objectives are to reinforce the students' knowledge of gross and microscopic pathologic findings and to correlate these with clinical events. Although students are exposed to various specimens during the rotation, we attempt to individualize the elective to accentuate the students' future professional pursuits. Students will assist with all autopsies, helping with the gross dissection. The students and the resident will then examine the microscopic slides before the attending signs out the case with the residents and students. The main responsibility is attending daily didactics and microscopic sign out with pathology attendings and residents. During this time period students are exposed to the diagnostic aspects of surgical pathology. To further enhance the clinical pathologic correlation, students will observe the dissection of surgical specimens and at the five-headed microscope, sit in when cases are signed out. This rotation involves teaching second year students in microscopic and gross tutorial when appropriate. Students will also have the opportunity to learn more about laboratory medicine including transfusion medicine, hematology, microbiology, chemistry, and flow cytometry.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Gain a better understanding of the Pathologist's role in current anatomic pathology and laboratory medical practice. 2. Demonstrate and apply a more in depth knowledge of the diseases that affect pediatric and adult patients. 3. Demonstrate proficiency at making the most common diagnoses by both gross and microscopic examination.
Types of Patients	All patients that are biopsied or undergo surgery testing or have laboratory testing performed
Teaching Sessions/ Conferences	Daily conference 8-9 a.m. in F110 conference room Monday through Thursday and 8-10 a.m. Friday. Various tumor boards throughout the work day.
Resources/Readings	Textbooks and computers available in the lab
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Director: Dr. M. Kristina Subik, subikm@amc.edu
Last Updated	February 24, 2023



Department	Pediatrics
Course Number	PED-4997
Course Name	Pediatric/Adult Palliative Care
Faculty	Dr. Joanne Porter
Period(s) Available	3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3 rd year.
Elective Description	Introduction to the concepts of palliative care for students interested in pediatric medicine. Using case review, consultation, outpatient visit, reading materials, weekly meeting and daily huddle, we will review the role that the palliative care team plays in the care of seriously ill children in the Children's Hospital. We will explore the role that hospice plays as well as other community service groups in the care of the sick individual. The student will be expected to round every morning with Dr. Porter and the Palliative Care Team. Selected readings will be provided.
Educational Objectives	At the end of the rotation the student will be able to: Plan and implement Comfort Care/End of Life Care/ Pain and Symptom Management techniques, Describe the role of the palliative care team in the care of the sick Neonate, Communicate effectively, including "The Difficult Talk" and The Family Meeting, Define Advanced Care Plans v. Advanced Directives, Describe the effect of serious illness on the caregiver and provide appropriate supports, Integrate palliative care into everyday practice, Describe Spiritual care and the role it plays in the care of the sick child.
Types of Patients	Pediatric Palliative and severely ill patients
Teaching Sessions/ Conferences	AM Huddle on A2, Individual teaching sessions with PC Team, Daily rounds on inpatient, Consults on floor, Outpatient/ inpatient flu, Wed. Case study, Morning Report - Mon, Tues, Thurs 8AM, Grand Rounds Wednesdays 8AM, Case Conference Friday 8 AM Palliative Care Conference Tuesdays Noon Journal Club Wednesdays Noon (Daily reporting time will be 8am - 6pm, M-F)
Resources/Readings	Available on Sakai
Evaluation Method(s)	Direct Observation Written Assignment Patient Write-Ups
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu
Last Updated	February 20, 2023



Department	Pediatrics
Course Number	PEDCAR-4990
Course Name	Pediatric Cardiology
Faculty	Drs. Steven Kamenir, Michael Colon, Robin Doyle, Jess Randall, and Benjamin Biddix
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	Outpatient experience in Pediatric Cardiology (patients having congenital or acquired heart diseases). Students will be seeing patients for initial visits and diagnostics as well as follow up visits for outpatient therapies and post-surgical interventions. Students will see a large and varied population including common benign murmurs, sports physical cardiac evaluations, arrhythmias, medically complex patients and congenital heart disease patients.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Develop a logical method of taking cardiac history 2. Perform a thorough cardiac exam, including identifying and describing murmurs 3. Describe the physiology and anatomy producing cardiac findings 4. Perform basic interpretation of X-rays and EKG's 5. Apply information learned from observing echocardiograms and cardiac catheterizations to clinical patient care.
Types of Patients	Outpatients birth to young adulthood
Teaching Sessions/ Conferences	Cardiology-Cardiac Surgery Conference, Fridays, 8-9 am
Resources/Readings	<ol style="list-style-type: none"> 1. Behrman, Kliegman, Jenson: Nelson Textbook of Pediatrics 2. Park: Pediatric Cardiology for Practitioners 3. Dubin: Rapid Interpretation of EKG's
Evaluation Method(s)	<p>Direct Observation</p> <p>Conference Participation</p> <p>Mid-Rotation Feedback</p>
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu
Last Updated	January 31, 2023



Department	Pediatrics
Course Number	PEDEND-4970
Course Name	Pediatric Endocrine/Metabolism
Faculty	Drs. Linda Riddick & Daniela Sima
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	This elective will give the student the opportunity to see patients in our outpatient setting with problems of growth, pubertal development, thyroid problems, adrenal disorders, and diabetes mellitus. The student will be asked to initiate inpatient consultations.
Educational Objectives	The student will demonstrate the ability to: 1. Recognize historical and physical findings related to disorders of growth, puberty, thyroid, adrenals and diabetes. 2. Select testing appropriate to each disorder for initial investigations and follow up. 3. Comprehend appropriate selection of initial and continuing management of common endocrine disorders.
Types of Patients	Patients with concerns and diagnoses related to endocrinologic dysfunction from birth to age 18 years.
Teaching Sessions/ Conferences	1. The student will have the option to complete one case presentation discussion on a topic of interest for presentation to the division staff. 2. Morning conference - Grand Rounds Tues., Case Management Fri.
Resources/Readings	The enclosed resources and cases are recommended: Readings/Videos Pediatric Endocrine Society – Clinical Resource Library- MOST CURRENT guidelines and references in Pediatric Endocrinology Youtube Videos: Pediatric thyroid examination (From Children’s Hospital of Philadelphia): https://www.youtube.com/watch?v=Z9norsLPkFU Tracking Growth in Children (Lecturio): https://www.youtube.com/watch?v=A0hpzAsBS_U Growth Delay: Diagnosis and Management (Lecturio): https://www.youtube.com/watch?v=ojEo0TdCNSo Pediatric Brain Tumors (From American Brain Tumor Association): https://www.youtube.com/watch?v=sVk7MZVOumU <u>UpToDate</u> Clinical Features and Diagnosis of Diabetic Ketoacidosis in Children and Adolescents: https://www.uptodate.com/contents/clinical-features-and-diagnosis-of-diabetic-ketoacidosis-in-children-and-adolescents?search=diabetic%20ketoacidosis%20children&source=search_result&selectedTitle=2~150&usage_type=default&display_rank=2 Peds in Review (Intranet Library)
	Treatment and Complications of Diabetic Ketoacidosis in children and adolescents: https://www.uptodate.com/contents/treatment-and-complications-of-diabetic-ketoacidosis-in-children-and-adolescents?search=diabetic%20ketoacidosis%20children&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1#H23 Definition, etiology, and evaluation of precocious puberty: https://www.uptodate.com/contents/definition-etiology-and-evaluation-of-precocious-puberty?search=tanner%20staging%20children&source=search_result&selectedTitle=2~75&usage_type=default&display_rank=2



Resources/Readings (continued)	<p>Peds in Review (access via intranet):</p> <p>Adrenal Insufficiency: https://pedsinreview-aappublications-org.elibrary.amc.edu/content/36/3/92.long</p> <p>Hypothyroidism: https://pedsinreview-aappublications-org.elibrary.amc.edu/content/35/8/336</p> <p>Anti-Mullerian Hormone, Ovarian Function, and Turner Syndrome: https://www.aappublications.org/content/25/4/46</p> <p>Assessment:</p> <p>Cases:</p> <p>16 year old female presents to your office, after referral from pediatrician for primary amenorrhea. What history and physical would you obtain from this patient? What is your differential diagnosis? What tests would you want to order?</p> <p>10 year old male presents to your office due to short stature, resulting in him dropping below the 5th percentile of his growth curve. The patient is prepubescent. What history and physical would you obtain from this patient and the parents? What is your differential diagnosis? What tests would you want to order?</p> <p>15 year old female presents to the ED with severe abdominal pain and vomiting and is diagnosed with Diabetic Ketoacidosis. What are your immediate concerns for this patient? How would you manage this patient?</p> <p>Am. Diabetes Assoc: Medical Management of type 1 diabetes Kaplan: Clinical Pediatric Endocrinology . Sperling: Pediatric Endocrinology . Wilson, Foster: Williams Textbook of Endocrinology</p>
Evaluation Method(s)	<p>Direct Observation Conference Participation Formal Presentation Mid-Rotation Feedback</p>
Contact Information	<p>Course Coordinator: Teresa Sarles, sarlest@amc.edu</p>
Last Updated	<p>February 24, 2023</p>



Department	Pediatrics
Course Number	PEDGAS-4974
Course Name	Pediatric Gastroenterology
Faculty	Drs. Nikki Allmendinger, Cary Qualia, Benjamin Infantino, Rajni Ahlawat & Lisa Ragonese, NP
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	Students will spend 2 weeks rotating with Drs. Qualia and Allmendinger. They will be directly involved in the care of inpatients and outpatients with gastrointestinal, hepatobiliary, pancreatic, and nutritional disorders. Emphasis will be placed on improving history taking and physical examination skills. Students will be expected to develop differential diagnoses for the patients they see, and will learn how to take a directed approach to diagnosing intraabdominal disorders. They will have the ability to observe diagnostic and therapeutic procedures performed by Drs. Qualia and Allmendinger. Patient-based learning will occur continuously throughout the day. If time allows, a few formal lectures will be given by Drs. Qualia and/or Allmendinger. Students are expected to read about the illnesses they see, and will be asked to present a 20 minute lecture on a topic of their choice.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Perform and improve their pediatric history taking and physical examination skills. 2. Formulate differential diagnoses for children with gastrointestinal symptoms. 3. Define which laboratory, radiologic, and endoscopic studies are available to help diagnose different gastrointestinal diseases seen in children, recognize how these studies are done, and understand how to interpret the results of these studies. 4. Identify and understand the indications for referring a child to a pediatric gastroenterologist.
Types of Patients	Students will have direct supervised care of a broad diversity of patients, mostly in the outpatient setting. They will also have opportunities to care for inpatients and view diagnostic and therapeutic endoscopic procedures.
Teaching Sessions/ Conferences	Pediatric Morning Report, Pediatric Grand Rounds, Pediatric Case Management
Resources/Readings	Wyllie, Hyams. Pediatric Gastrointestinal Disease. Printed journal articles will also be loaned to rotating students upon their request.
Evaluation Method(s)	Direct Observation Conference Participation Formal Presentation Mid-Rotation Feedback
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu Course Director: Dr. Allmendinger, allmenn@amc.edu
Last Updated	February 24, 2023



Department	Pediatrics
Course Number	PEDHON-4000
Course Name	Pediatric Hematology/Oncology
Faculty	Dr. Katharine Halligan
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	Four weeks of clinical experience in pediatric hematology- oncology. Primarily focused in the pediatric hematology/oncology outpatient clinic but may be asked to participate in inpatient consultations. Will see a wide range of benign hematology as well as the full range of malignant pediatric hematology and oncology in patients from birth to late adolescence/young adult. Will participate in diagnostic and treatment planning as appropriate and will be expected to do full assessments of patients. Will also participate in multidisciplinary tumor boards and also psychosocial discussions on the management of these patients and their families.
Educational Objectives	<ol style="list-style-type: none"> 1. Recognize and initiate the evaluation and treatment of anemia in newborn, toddler, school age and adolescent patients. 2. Identify complications of sickle cell anemia and the preventative care measures available to improve overall health and survival 3. Understand how to evaluate and treat children with bleeding/thrombotic disorders including platelet disorders. 4. Develop basic understanding of pathology of oncologic diseases and their presentations. 5. Recognize complications associated with different forms of chemotherapy. 6. Identify different blood products and signs to monitor for when administered.
Types of Patients	Birth to young adulthood with blood disorders and oncologic concerns.
Teaching Sessions/ Conferences	Pediatric Grand Rounds Tuesday 8am; Pediatric Heme/Onc psychosocial/chemotherapy rounds Wednesday 2:30pm; and Pediatric tumor board on the second and fourth Tuesday of the month at 1pm.
Resources/Readings	<ol style="list-style-type: none"> 1. Behrman Nelson Textbook of Pediatrics 2. Lange Current Pediatric Diagnosis & Treatment 3. Articles issued for review on rotation
Evaluation Method(s)	<p>Direct Observation</p> <p>Conference Participation</p> <p>Mid-Rotation Feedback</p>
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu
Last Updated	February 24, 2023



Department	Pediatrics
Course Number	PEDINF-4000
Course Name	Pediatric Infectious Disease
Faculty	Dr. Gillian Taormina
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks; 2 weeks at discretion of course director
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	Experience includes inpatient consults and rounding with ID team daily, review of patients' tests in microbiology lab, reading of Peds ID related topics. If time permits, may see outpatients if interested.
Educational Objectives	The student will demonstrate the ability to: Plan an approach to evaluate patients with possible infectious diseases and form a differential diagnosis Conduct an appropriate history and physical, gather data and present these along with assessment and plan; learn to document these in the note Consult appropriate resources and conduct literature searches to answer clinical questions Present a case to the infectious diseases faculty
Types of Patients	Infants to young adults with a wide range of acuity and pathology
Teaching Sessions/ Conferences	Inpatient rounds daily (Monday through Friday), attendance at Pediatric Grand Rounds and other conferences, attendance at other ID related conferences, teaching sessions with attending
Resources/Readings	1. AAP Red Book: Report of the Committee on Infectious Diseases - most up to date version available through library 2. Nelson's Textbook of Pediatrics 3. Bank of articles/references compiled for residents 4. Patient directed articles from literature searches
Evaluation Method(s)	Direct Observation Formal Presentation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu
Last Updated	February 1, 2023



Department	Pediatrics
Course Number	PEDNEO-4000
Course Name	Neonatology
Faculty	Dr. Michael Horgan
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	The newborn service elective will offer intensive training in the care of the neonate. Emphasis will be placed on the normal newborn examination, identification, care of the high-risk infant, and application of new techniques and physiology and pathology of the treatment of the sick newborn infant.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Recognize normal newborn exam, normal & abnormal variants 2. Know steps of evaluation & resuscitation of critical newborn 3. Understand physiology/pathology of disease of newborn 4. Identify respiratory disease of premature infants, management, and physiology of respiratory support. 5. Define methods of nutritional support including positive and negative characteristics of each.
Types of Patients	Age range 23 weeks gestation – 30 days post gestation
Teaching Sessions/ Conferences	Multiple small group teaching sessions per week Lecture on respiratory support mechanisms Tues- Grand Rounds ; Fri - Case Management
Resources/Readings	Zitelli Atlas of Pediatric Physical Diagnosis Lange Neonatology
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu
Last Updated	February 24, 2023



Department	Pediatrics
Course Number	PEDNEP-4000
Course Name	Pediatric Nephrology
Faculty	Drs. James Listman & Elisabeth Simon
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	<p>I. Clinical Work:</p> <p>(A) Follow hospitalized patients with a variety of renal disorders such as acute renal failure, hypertension, electrolyte abnormalities and glomerulonephritis.</p> <p>(B) Exposure to children on chronic dialysis, in the Albany Medical Center Pediatric Dialysis Unit.</p> <p>(C) Pediatric Nephrology clinic three times a week.</p> <p>II. Review of renal biopsies performed on patients with nephritic syndrome/glomerulonephritis.</p> <p>III. Possibilities for participation in research project/write case report.</p> <p>IV. Guided reading.</p>
Educational Objectives	<p>The student will demonstrate the ability to:</p> <ol style="list-style-type: none"> 1. Interpret urinalysis and develop a differential based on the results in combination with a brief history. 2. Recognize and initiate the evaluation of a patient with acute renal injury. 3. Recognize hypertension in different age groups, its etiologies in childhood and be able to initiate a diagnostic evaluation. 4. Recognize basic characteristics and presentations of nephrotic syndromes, nephritic diseases, interstitial nephritis, glomerulonephritis, obstructive uropathy, and renal tubular acidosis. 5. Define the mechanisms of commonly used medications, appropriate uses and side effects. 6. Identify the different modes of dialysis including risks and benefits of each.
Types of Patients	Birth to young adulthood
Teaching Sessions/ Conferences	Morning conference Mon., Tues., Thurs.; Grand Rounds Wed., Case Management Fri.
Resources/Readings	<ol style="list-style-type: none"> 1. Behrman, Kliegman, Jenson: Nelson Textbook of Pediatrics 2. Article bank available on rotation.
Evaluation Method(s)	<p>Direct Observation</p> <p>Conference Participation</p> <p>Mid-Rotation Feedback</p>
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu
Last Updated	February 1, 2023



Department	Pediatrics
Course Number	PEDPDI-4003
Course Name	Pediatric Pulmonary Diseases
Faculty	Drs. Robert Kaslovsky, Kate Powers, and Jeffrey Fahl
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	1. Successful completion of 3rd year. 2. Students are REQUIRED to be fit tested for N-95 respirator mask prior to starting the elective.
Elective Description	This elective in pediatric pulmonary medicine includes clinical experience primarily with outpatients, some inpatient consultation may be done as well. The student will become familiar with the assessment of the child with respiratory tract disease, interpret tests of pulmonary function, review radiologic studies, and have the opportunity to observe flexible bronchoscopy in children, if scheduled during the rotation. The student will participate in the evaluation and care of patients with asthma, cystic fibrosis, airway disorders, bronchopulmonary dysplasia, and other acute and chronic pulmonary diseases.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Effectively examine and evaluate children with respiratory tract disease 2. Classify asthma and effectively apply therapies 3. Recognize indications for suspecting and testing for cystic fibrosis 4. Discuss the way in which systems are affected by cystic fibrosis and their basic medical management 5. Identify indications and risks associated with bronchoscopy 6. Interpret basic spirometry studies. 7. Assist 3rd year students in their patient evaluations.
Types of Patients	Birth to young adulthood. Inpatient and Outpatient.
Teaching Sessions/ Conferences	Grand Rounds Tues.; Case Management Fri. mornings; CF patient review – Wed mornings on Webex;
Resources/Readings	Dr. Kaslovsky has two recorded lectures on cystic fibrosis and asthma. Readings posted on shared “Y” drive.
Evaluation Method(s)	Direct Observation
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu
Last Updated	February 24, 2023



Department	Pediatrics
Course Number	PEDRHE-4000
Course Name	Pediatric Rheumatology
Faculty	Drs. Barbara Ostrov, Lilliana Barillas-Arias & Liza M. Bermudez
Period(s) Available	1,2,3,4,5,6,7,8,9,10
Available Length	4 weeks
Max Students	1
Visiting Students	No
Prerequisites	Successful completion of 3 rd year.
Elective Description	Pediatric rheumatology elective will expose the student to the pediatric rheumatology subspecialty. The student will be encouraged to learn about the pathophysiology, and diagnostic criteria used in pediatric rheumatologic disease. The student will learn through direct patient observation and care, thus learning clinical features and physical exam, with particular emphasis in the musculoskeletal exam. We will review clinical signs and symptoms of disease and laboratory indications and interpretation. We will also discuss treatment options available for children, benefits and side effects of these medications, including intra-articular steroids. Lastly, the student will learn the importance of physical rehabilitation and understand the psychosocial impact of chronic rheumatologic disease in children. Students will be exposed to pediatric rheumatology conditions distinct from adult rheumatology, such as JIA, auto-inflammatory conditions, Dermatomyositis, and Lupus among others.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Understand unique aspects of childhood rheumatologic disease compared to adult rheumatologic disease. 2. Be able to recognize different rheumatologic illness in childhood and understand laboratory diagnosis and management of these disorders. 3. Get proficient at musculoskeletal exam.
Types of Patients	Patient population seen in our clinic range from age 0 to 21. Students will be able to see patients with different childhood conditions such as JIA, Pain syndromes, Dermatomyositis, Juvenile Lupus, etc. It is mostly outpatient clinic setting with occasional inpatient consult.
Teaching Sessions/ Conferences	Grand Rounds - Tuesdays at 8am. Ambulatory clinic conference, Mondays, at end of clinic. Weekly discussion in topics of pediatric rheumatology.
Resources/Readings	A Resident's Guide to Pediatric Rheumatology, edition, Sick Kids Hospital, Canada (given to students/residents during rotation); Cassidy Textbook of Pediatric Rheumatology
Evaluation Method(s)	Direct Observation Final Exam Formal Presentation Mid-Rotation Feedback
Contact Information	Course Coordinator: Teresa Sarles, sarlest@amc.edu
Last Updated	June 30, 2023



Department	Physical Medicine and Rehabilitation
Course Number	PMR-4990
Course Name	Physical Med & Rehabilitation
Faculty	Dr. Sara Huss
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	This elective offers the participant an opportunity to work as a member of a multidisciplinary team. The student will learn the roles and contributions of a variety of allied health care professionals, including but not limited to physiatrists, physical therapists, occupational therapists, speech language pathologists, rehabilitation nurses, psychologists, and social workers. Working closely with the faculty, the student will learn to evaluate and manage patients who are disabled because of a variety of impairments which may be due to any of the following: cardiopulmonary disease, work or sports related injuries, joint and connective tissue disorders, musculo-skeletal disorders, neuromuscular disorders, pain issues, amputations, and brain disorders. The student will have an opportunity to work closely with the faculty and will gain both inpatient and outpatient experience in the field of Physical Medicine and Rehabilitation. Four week rotations will have to do two weeks in outpatient rehab at AMC and two weeks in inpatient rehabilitation at Sunnyview Rehab Hospital in Schenectady, NY.
Educational Objectives	<ol style="list-style-type: none"> 1. Describe the basic neuro-musculoskeletal anatomy. 2. Identify common neuro-musculoskeletal pathology, e.g. carpal tunnel syndrome, tendonopathy, radiculopathy, and neuropathy. 3. Explain the team concept of functional rehabilitation. 4. Identify common functional impairments in patients with Cerebral Palsy. 5. Name the basic ortho-prosthetic and assistive devices commonly prescribed. 6. Describe and demonstrate physiatric procedures ranging from botulinum toxin injections, ultrasound, major extremity joints, as well as electromyography. 7. Demonstrate ability to perform a neuro-musculoskeletal history and physical. 8. Identify components required for wheelchair evaluation.
Types of Patients	Inpatient and outpatient
Teaching Sessions/ Conferences	The student will attend the didactic teaching sessions on Wednesday afternoons.
Resources/Readings	Physical Medicine & Rehabilitation, Braddom (ed.); WB Saunders, Philadelphia
Evaluation Method(s)	<p>Direct Observation</p> <p>Conference Participation</p> <p>Mid-Rotation Feedback</p>
Contact Information	Course Coordinator: Marcia Lamb, lambm@amc.edu, 518-262-7850
Last Updated	February 24, 2023



Department	Psychiatry
Course Number	PSY-4004
Course Name	Psychiatry Consult/Liaison Service
Faculty	Dr. Robin Tassinari
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	2
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	Focuses on the psychiatric evaluation of medical and surgical patients with emphasis on the psychological problems encountered in their management. Course includes attending conferences and assigned readings. The focus is the teaching of Psychiatry in a medical context and the study of the entire patient and his/her illness from the biopsychosocial point of view. A major part of the course experience is the experience of the psychiatric interview in a medical setting.
Educational Objectives	The student will: <ol style="list-style-type: none"> 1. Demonstrate skill in providing compassionate, appropriate psychiatric patient care in inpatient medical and surgical patients. 2. Define the basic aspects of delirium, dementia, psychosis, affective, anxiety, somatoform, and substance abuse disorders. 3. Demonstrate interpersonal and communication skills through the interviewing of patients, as well as through interactions with the consulting team, staff on other services, support staff, residents, and supervising attendings.
Types of Patients	Inpatient medical and surgical patients with a variety of psychiatric diagnoses including affective disorders, anxiety disorders, psychotic disorders, delirium, dementia, somatoform disorders, and patients with substance abuse issues.
Teaching Sessions/ Conferences	CL case conference, Psychiatry Grand Rounds, as well as relevant presentations/grand rounds on other services. Teaching sessions are daily by both attendings and focus on specific cases/ psychopathology seen on the service.
Resources/Readings	Psychosomatic Medicine and Consultation Liaison Psychiatry (Psychiatry online)
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Peggy Cooke, cookep@amc.edu , 518-262-5511
Last Updated	January 31, 2023



Department	Psychiatry
Course Number	PSY-4006
Course Name	Inpatient Psychiatry
Faculty	Dr. Jennifer Yager
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	Student will spend full days 8 a.m. – 5 p.m. working with an interdisciplinary treatment team on the locked inpatient psychiatric unit at Albany Medical Center. Student will conduct interviews, participate in treatment planning, observe Electroconvulsive Therapy when available, observe Mental Hygiene Law processes, write progress notes, and perform physical exams as a functioning member of the team.
Educational Objectives	<ol style="list-style-type: none"> 1. Refine psychiatric interviewing skills. 2. Describe psychiatric illness and factors contributing to acute decompensation of illness. 3. Define of acute psychiatric treatment modalities.
Types of Patients	Acutely decompensated psychiatric inpatients with a wide range of diagnoses, including psychotic disorders, mood disorders, anxiety disorders, substance use disorders and others.
Teaching Sessions/ Conferences	Grand Rounds– Wednesdays @ 11 a.m. 1st 2 weeks of month; Journal Club – Thursdays @ noon; Case Conference – Fridays @ noon.
Resources/Readings	Recommended reference sources: DSM5, Stahl’s Essential Psychopharmacology
Evaluation Method(s)	Direct Observation
Contact Information	Course Coordinator: Peggy Cooke, cookep@amc.edu , 518-262-5511 Course Director: Dr. Jennifer Yager, DO, yagerj@amc.edu , 518-262-5518
Last Updated	February 24, 2023



Department	Radiology
Course Number	RADDIA-4000
Course Name	Diagnostic Radiology
Faculty	Drs. Michael Schuster and Allen Herr
Period(s) Available	1, 2, 3, 4, 5, 7, 8, 9, 10
Available Length	4 weeks
Max Students	4 (up to 8 with preceptor approval)
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	The purpose of the elective is to teach the appropriate use of Radiology as a diagnostic tool, as well as to teach the fundamentals of interpretation. This will involve all areas of Diagnostic Radiology and will provide the student with a base of information of great use to him or her during postgraduate education and practice.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Describe the complexity of diagnostic imaging including an understanding of the types of studies which are available and the information they can provide. 2. Define the clinical indications for obtaining studies, the relative risk/benefit of radiologic procedures, and the basic technical aspects of how examinations are performed. 3. Explain the diagnostic limitations of imaging studies and how these parameters affect patient care. 4. Interpret the differences between, and interactions among, each of the imaging specialties and the operation of these radiologic subspecialties in the context of modern radiologic and medical practice.
Types of Patients	Inpatient and Outpatient
Teaching Sessions/ Conferences	Lectures in General Radiology given by faculty and residents. Small group sessions with faculty and residents.
Resources/Readings	Aquifer Radiology: Case-Based Virtual Course ACR Appropriateness Criteria Learning Radiology: Recognizing the Basics (2nd ed.) by William Herring, MD. Other recommended materials.
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback Aquifer Exam Case Presentation
Contact Information	Course Contact: DRresidency@amc.edu
Last Updated	February 24, 2023



Department	Radiology
Course Number	RADVIR-4002
Course Name	Interventional/Vascular Radiology
Faculty	Drs. Gary Siskin and Christopher Stark
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	<p>Vascular/Interventional Radiology is a relatively new and rapidly expanding field of medicine. This subsequently utilizes image-guided techniques to achieve therapeutic and diagnostic results. Areas of interest include: peripheral vascular disease, gynecologic, oncology, genitourinary, hepatobiliary, musculoskeletal and vascular access. This service is very active clinically with its own inpatient services, subspecialty clinic and consultative service. Many medical students find this rotation interesting because it bridges the imaging world with the clinical experience. The students will participate in actual procedures themselves as well as help with the evaluation and rounding on our patients.</p> <p>***Available for 4 weeks only during periods 1-4***</p>
Educational Objectives	<p>The student will demonstrate the ability to:</p> <ol style="list-style-type: none"> 1. Identify how an image-guided minimally invasive VIR section functions and describe how the modality fits into the functioning of medical and surgical services. 2. Define the pertinent role of the VIR sub-specialty in the integration of patient care and current medical practice. 3. Describe the basic concepts of transcatheter and other minimally-invasive diagnostic and interventional techniques. 4. Demonstrate basic ability in angiographic interpretative skills.
Types of Patients	Inpatient and Outpatient
Teaching Sessions/ Conferences	Lectures in Interventional Radiology given by faculty and residents.
Resources/Readings	Recommended web-based materials.
Evaluation Method(s)	<p>Direct Observation</p> <p>Conference Participation</p> <p>Mid-Rotation Feedback</p>
Contact Information	Course Coordinator: Rachelle Petramale, rpetramale@communitycare.com
Last Updated	February 2, 2023



Department	Surgery
Course Number	SUR-4990
Course Name	Hepato-Pancreato-Biliary Surgery
Faculty	Drs. Heckman and Keim
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10; individually arranged
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	No
Prerequisites	Successful completion of 3rd year.
Elective Description	The Hepato-pancreato-biliary (HPB) surgery elective offers exposure to HPB surgery for the student interested in surgery, gastroenterology, or any other associated field. The HPB elective will focus on the management of complex HPB diseases. This elective is at St. Peter's Hospital. Students will be expected to attend office hours, tumor board, inpatient rounds, and scheduled operating room cases.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Identify and describe the benign and malignant diseases of the liver, pancreas, and bile ducts. 2. Describe the basic diagnostic approach and the surgical management of HPB diseases. 3. Perform a clinical history and physical exam and formulate differential diagnosis, diagnostic evaluation plan, and treatment plan for the major HPB diseases. 4. Apply diagnostic radiology interpretation skills. 5. Perform basic surgical skills and participate in the operating room.
Types of Patients	Surgical patients and cancer patients at St. Peter's Hospital
Teaching Sessions/ Conferences	HPB tumor board, office hours, surgical morbidity and mort
Resources/Readings	Will be provided upon entry
Evaluation Method(s)	Direct Observation Mid-Rotation Feedback
Contact Information	Course Director: Dr. Jason Heckman, jason.heckman@sphp.com
Last Updated	February 24, 2023



Department	Surgery
Course Number	SURGRL-4000
Course Name	General Surgery
Faculty	Dr. Rebecca Brocks
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	The fourth-year medical student general surgery elective offers advanced training in the pre-operative, intra-operative and post-operative management of general surgery patients. Each student is expected to function as an acting-intern on the general surgery service to which they are assigned. The student will work with patients on the general surgery wards, in the operating room, in the emergency room, and in the clinic. Students will take call (until 10:00 p.m.) every fourth night. The rotation is open to all AMC students and non-AMC students who attend LCME-accredited medical schools. Arrangements are to be made at least four weeks prior to the beginning of the rotation.
Educational Objectives	The student will have the ability to: <ol style="list-style-type: none"> 1. Perform admission histories and physical examinations for patients with surgical diseases. 2. Outline a differential diagnosis and demonstrate the use of a differential diagnosis in the formulation of diagnostic and therapeutic plans. 3. Conduct daily rounds and construct and deliver organized and succinct presentations on assigned patients using relevant interim history and physical exam findings. Write appropriate daily follow-up notes for assigned patients. 4. Interpret and explain laboratory and imaging results for patients with surgical diseases. 5. Perform basic surgical skills, including suturing, the selection of appropriate dressing care for wounds, phlebotomy, and starting a peripheral IV (with guidance as needed). 6. Exhibit professional and respectful interactions with members of the clinical team, consultants, and support staff. 7. Communicate with and educate patients and visitors with consideration of cultural, age, and other socioeconomic factors.
Types of Patients	The following services host fourth-year medical students: General Surgery, Trauma/Acute Care Surgery, Colorectal Surgery, Vascular Surgery, Transplant Surgery, Pediatric Surgery, Surgical Oncology, Surgery, Bariatric Surgery, Minimally-Invasive Surgery, Cardiothoracic Surgery.
Teaching Sessions/ Conferences	Weekly Grand Rounds, Morbidity and Mortality Conference, and General Surgery Principles Review
Resources/Readings	Service specific
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Kim Dalton, daltonk@amc.edu
Last Updated	July 5, 2023



Department	Surgery
Course Number	SURNEU-4003
Course Name	Clinical Neurosurgery
Faculty	Dr. Matthew Adamo
Period(s) Available	1, 2, 3 ,4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	This elective is designed to acquaint the student with the broad scope of neurosurgery. Students are exposed to a large volume of patients including neurosurgical emergencies, neurosurgical trauma, neurovascular and spinal emergencies, and elective neurosurgical problems. The student will participate with housestaff and attendings in decisions and plans for neurodiagnostic work-ups, medical and surgical management of neurosurgical patients including full participation in rounds or floorwork, conferences and exposure to the academic and scientific program of the Department of Neurosurgery. The elective is designed for those with specific interest in the care of patients who exhibit neurological disorders or for students with a special interest in the neurosciences.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Define the pre-operative and post-operative management of the neurosurgical patient; 2. Perform a competent neurological evaluation including relevant history and examination. 3. Define the basic approach to neurosurgical emergencies. 4. Expand understanding of clinical neuroanatomy and the pathophysiology of brain injury. 5. Define the fundamentals of x-ray and advanced (CT, MRI) imaging of the spine and head, including normal and common pathological entities. 6. Acquaint oneself with the breadth of neurosurgical problems from acute neurovascular and surgical emergencies, to pediatric and geriatric problems, and spinal surgery indications and procedures.
Types of Patients	Adult and Pediatric Albany Medical Center population
Teaching Sessions/ Conferences	Grand Rounds, Morbidity and Mortality Conference, daily neurosurgery teaching conference.
Resources/Readings	Handbook of Neurosurgery, Mark S. Greenberg, MD
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Heather Whitman, whitmah@amc.edu
Last Updated	February 24, 2023



Department	Surgery
Course Number	SURNEU-4004
Course Name	Pediatric Neurosurgery
Faculty	Dr. Matthew Adamo
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	2 or 4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	This elective is designed to acquaint the student with the practice pediatric neurosurgery. Students are exposed to a large volume of pediatric patients with congenital disorders, hydrocephalus, brain and spinal cord tumors, epilepsy, vascular malformations, and traumatic brain and spinal cord injuries. They will also see select adult patients with congenital neurological disorders. In addition, they will have the opportunity to participate in multidisciplinary Brain Tumor clinic, Neurofibromatosis clinic, and Epilepsy conference. The student will participate with housestaff and attendings in decisions and plans for neurodiagnostic work-ups, medical and surgical management of pediatric neurosurgical patients including full participation in rounds or floorwork, conferences and exposure to the academic and scientific program of the Department of Neurosurgery. The elective is designed for those with specific interest in the care of pediatric patients who exhibit neurological disorders.
Educational Objectives	By the end of the rotation, the student will be able to: 1. Describe the pre-operative and post-operative management of pediatric neurosurgical patients; 2. Perform a competent and age appropriate neurological evaluation including relevant history and examination. 3. Describe the basic approach to neurosurgical emergencies. 4. Demonstrate an increased understanding of congenital neuroanatomical disorders, clinical neuroanatomy and the pathophysiology of brain injury. 5. List the fundamentals of x-ray and advanced (CT, MRI) imaging of the spine and head, including normal and common pathological entities. 6. Demonstrate understanding of the breadth of pediatric neurosurgical problems.
Types of Patients	Albany Medical Center pediatric population
Teaching Sessions/ Conferences	Grand Rounds, Morbidity and Mortality Conference, daily neurosurgery teaching conference, multidisciplinary clinics.
Resources/Readings	Handbook of Neurosurgery, Mark S. Greenberg, MD, Principles and Practice of Pediatric Neurosurgery, Allbright MD, Pollack MD and Adelson MD
Evaluation Method(s)	Direct Observation
Contact Information	Course Coordinator: Heather Whitman, whitmah@amc.edu
Last Updated	February 24, 2023



Department	Surgery
Course Number	SURPLA-4004
Course Name	Plastic/Reconstructive Surgery
Faculty	Drs. Christie Bialowas, Stephanie Bray, Jeff Kim, Dzifa Kpodzo, Malcom Roth and Benjamin Schalet
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	2
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	This elective course offers the interested fourth year student a broad exposure to the practice of plastic and reconstructive surgery. The wide scope of clinical Plastic Surgery practiced at Albany Medical Center Hospital provides the subject material for the student's introduction to problems encountered and the development of potential surgical solutions. In-depth exposure to general reconstruction, hand surgery, microsurgery, breast reconstruction, pediatric plastic surgery, craniomaxillofacial surgery, and aesthetic surgery will be available. The student will have an opportunity to participate in linear patient care from the initial consultation, the laboratory and radiological work-up, the preoperative surgical planning, the plastic surgical operation, and the post-operative care. Directed readings pertaining to the clinical material at hand, lectures presented during the divisional didactic lecture series and case reviews will round out the student's experience. Each student will be expected to make a 15-minute presentation at the end of the rotation to the division members. Research participation is encouraged and published literature contributions have occurred. The students will have ample opportunity to interact with both the Plastic Surgery residents and faculty.
Educational Objectives	The student will have the ability to: <ol style="list-style-type: none"> 1. Perform admission history and physical examinations for patients with cosmetic and reconstructive plastic surgery problems. 2. Outline a differential diagnosis and demonstrate the use of a differential diagnosis in the formulation of diagnostic and therapeutic plans. 3. Conduct daily rounds and construct and deliver organized and succinct presentations on assigned patients using relevant interim history and physical exam findings. Write appropriate daily follow-up notes for assigned patients. 4. Interpret and explain laboratory and imaging results for patients with surgical diseases. 5. Perform basic surgical skills, including suturing and the selection of appropriate dressing care for wounds. 6. Exhibit professional and respectful interactions with members of the clinical team, consultants, and support staff. 7. Communicate with and educate patients and visitors with consideration of cultural, age, and other socioeconomic factors.
Types of Patients	Adult and pediatric plastic surgery patients at Albany Medical Center
Teaching Sessions/ Conferences	Grand Rounds, Morbidity and Mortality Conference, weekly Didactic Conference, monthly Journal Club
Resources/Readings	Service specific
Evaluation Method(s)	Direct Observation Conference Participation Formal Presentation Mid-Rotation Feedback
Contact Information	Course Coordinator: Jennifer Davies, daviesj@amc.edu
Last Updated	January 31, 2023



Department	Surgery
Course Number	SURURO-4004
Course Name	Urology
Faculty	Dr. Adam Howe
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	3
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	The fourth-year medical student urology clerkship offers advanced training in the pre-operative, intra-operative and post-operative management of urology patients. Each student is expected to function as an acting-intern on the urology service. The student will work with both in-patients and out-patients. Students will take call (until 10:00 p.m.) one night per week.
Educational Objectives	The student will demonstrate the ability to: <ol style="list-style-type: none"> 1. Perform admission histories and physical examinations for patients with urological diseases. 2. Outline a differential diagnosis and formulate diagnostic and therapeutic plans. 3. Actively participate in daily rounds, deliver presentations on assigned patients and do appropriate documentation. 4. Interpret and explain laboratory and imaging results for patients with urological problems. 5. Perform basic surgical skills, including knot tying 6. Exhibit professional and respectful interactions with members of the clinical team, consultants, and support staff. 7. Communicate with and educate patients and families with consideration of cultural, age, and other socioeconomic factors.
Types of Patients	Students will participate in all sub-specialty services in Urology, including both adult and pediatric urology. Patients will be seen at both AMCH and VA.
Teaching Sessions/ Conferences	Journal Club, Morbidity and Mortality Conference, and monthly subspecialty teaching conferences. At the culmination of your rotating internship, a grand rounds presentation with a faculty audience is expected. This will be on a research or education topic of your selection, and further direction will be provided by chief residents.
Resources/Readings	Smith's General Urology, Handbook of Pediatric Urology, Campbell's Urology, Pub-Med, Campbell-Walsh Urology 11th Ed., Hinman's Atlas of Urological Surgery 4th Ed., American Urological Association Core Curriculum auanet.org/education (AUAUniversity)
Evaluation Method(s)	Direct Observation Conference Participation Mid-Rotation Feedback
Contact Information	Course Coordinator: Margaret Eck-Raider, eckraim@amc.edu
Last Updated	February 14, 2023



Department	Surgery
Course Number	SURVAS-4970
Course Name	Vascular Surgery
Faculty	Drs. Kreienberg, Warner, Darling, Caliste, Hnath, Laser, Roddy, Saltzberg & Shah
Period(s) Available	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Available Length	4 weeks
Max Students	1
Visiting Students	Yes
Prerequisites	Successful completion of 3rd year.
Elective Description	This elective offers the interested 4th year student extensive exposure in the practice of vascular and endovascular surgery. In the course of the rotation you will be exposed to the full array of vascular presentations and participate in the care and treatment of those patients. Albany Medical Center serves as the major vascular surgery referral center for eastern NY and western Massachusetts. From this broad patient pool, students gain exposure to open and endovascular solutions to a wide variety of patient problems. Exposure to treatment of thoracic and abdominal aneurysms, occlusive disease of the limbs, cerebrovascular disease, venous disease, and dialysis access will be available. The student will have the opportunity to participate in the initial consultation, diagnostic workup, pre, intra and post-operative care of the vascular patient. Students will participate in our morning case conferences, didactic lectures, and journal clubs. The goal is to integrate the student into our vascular care team, which includes faculty, residents, fellows, nurses, angiography technologists and vascular laboratory staff.
Educational Objectives	At the end of the rotation, the student will have the ability to: <ol style="list-style-type: none"> 1. Perform admission history, physicals, and elective consultations on the vascular service. 2. Outline differential diagnosis and order appropriate testing to arrive at a correct diagnosis. Integrate history and physical findings, diagnostic testing and imaging to formulate basic treatment plans. 3. Perform basic surgical techniques, including wound closure, dressing changes and learn fundamental techniques of vascular and endovascular surgery. 4. Function as part of the vascular care team in a professional and culturally competent manner.
Types of Patients	All patients evaluated or cared for by the vascular surgery service at Albany Medical Center and in the offices of the vascular surgery service.
Teaching Sessions/ Conferences	Grand Rounds, Morbidity and Mortality Conference, weekly Didactic Conference, monthly Journal Club, research conference, morning case conference
Resources/Readings	VSCORE, Rutherford's Vascular Surgery, Darling and Ozaki
Evaluation Method(s)	Direct Observation Conference Participation
Contact Information	Course Coordinator: Fredd Brewer, brewerf@amc.edu
Last Updated	February 17, 2023