

## Course Catalog 2024-2025

CC	Dept.	Rotation Name	Site	Comments	Description
<b>Ambulatory Care - Family Medicine</b>					
4038	Ambulatory Care- Fam Med	AI Ambulatory Care: Family Medicine	GCH		The Family Medicine Acting Internships are 4 week clinical experiences meant to allow the Acting Intern to assume primary responsibility for patient care under the direct supervision of an Attending Physician. Acting Internship is a time of metamorphosis of medical students into budding physicians. The overall goal is to fully integrate the AI into the medical team and to foster independent learning so as to bridge the gap between the clerkships and the first year of residency training. It is a time when medical students develop the basic sets of skills common to all physicians. We hope to provide an educational road map for deliberate learning so that, by the conclusion of the rotation, the AI has acquired ample medical knowledge, skills and personal and professional qualities and attitudes that will allow them to succeed in residency and sustain them throughout their careers. Please note that this experience can fulfill the requirement of a core AI in Ambulatory Care.
4088	Family Medicine	AI Family Medicine: General	PH		The Family Medicine 4th yr. student rotation is a 4-week clinical experience that allows the student to serve as an Acting Intern and a member of the patient care team under the direct supervision of an Attending Physician. The student will evolve their ability to evaluate and manage a variety of common medical problems in the ambulatory setting. The attending will guide the student in developing skills in history taking, performing of the physical exam and enhance clinical reasoning abilities. Our aim is to provide a learning opportunity for the student to explore their own strengths, personal goals, and career options. We hope to instill commitment to life-long learning and develop strategies to continuously up-date personal clinical knowledge and skills to carry with them into residency and through their future as a physician.
4089	Family Medicine	AI Family Medicine: Inpatient	PH		This 4-week rotation engages students in patient care as an Acting Intern under direct supervision of attending physicians, and working alongside of the residents as part of a team in the inpatient setting. Emphasis is on the acquisition of basic skills necessary for the evaluation and management of patients with general medical problems. These include history taking, physical examination and interpretation of laboratory and other findings. Students will handle the management of assigned patients supervised by the residents. Experience is provided in recording data and logical case presentation. Teaching is also conducted through mandatory clinical rounds, conferences, and didactic lectures. Students gain experience with diverse patient populations manifesting pathologies in the following areas: cardiovascular, gastrointestinal, pulmonary, endocrine, hematology/oncology, infectious diseases, alcoholism/substance abuse, rheumatologic/immune, neurological, and renal.

4374	Family Medicine	EL Family Medicine: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.
<b>Anesthesiology</b>					
4019	Anesthesiology	AI Anesthesiology: General	NSLIJ		Each student works one-on-one with an attending Anesthesiologist. Special emphasis is placed on the application of knowledge to clinical, technical, and integrative skills for patients in the perioperative period. To meet the individual student's clinical needs, a wide exposure to the sub-specialty areas of anesthesiology will be available to include Obstetric, Pediatric, Neurosurgical, Cardiovascular, Thoracic, Critical Care, and Regional Anesthesia. Students are involved in preoperative patient assessment, preparation of patients for anesthesia and surgery, and design of the anesthetic plan including anesthetic agents and techniques. Students will become familiar with and participate in various techniques of airway management. Students will understand the physiologic alterations relating to anesthesia, surgery, and the patient's underlying medical condition and will determine appropriate treatment strategies based upon the pharmacology of the drugs used by anesthesiologists.
4056	Anesthesiology	AI Anesthesiology: Advanced Anesthesiology	NSLIJ		A 4 week advanced sub-internship is designed to give medical students a CA-1 resident level instruction and responsibility. Interested students must have already completed a 4 week basic sub-internship in Anesthesiology before starting this rotation. In addition to their advanced clinical responsibility, students will attend CA-1 educational activities including simulation sessions at CLI. They will be required to present a topic related to the practice of perioperative medicine at Grand Rounds.

4028	Anesthesiology	AI Anesthesiology: Advanced Subspecialty	NSLIJ		This elective is an experience in advanced anesthesiology in subspecialty areas of medicine. Advanced Anesthesiology experience for 2- 2 week electives or a single – 4 week elective will be offered in will be offered in Cardiac Anesthesiology, Neuro Anesthesiology, Obstetric Anesthesiology, Pediatric Anesthesiology, or Regional Anesthesia. A PREREQUISITE FOR THIS COURSE IS THAT THE STUDENT MUST HAVE ALREADY COMPLETED THE 4 WEEK GENERAL SUB-INTERNSHIP IN ANESTHESIOLOGY. This is an advanced course. The rotation consists of 2 week blocks in 2 subspecialties or a 4 week block in a single subspecialty. The rotation will include advanced concepts in airway management, hemodynamic monitoring, ultrasound-guided procedures, physiologic and pharmacologic management of advanced disease, and regional anesthesia applications for subspecialty anesthesiology. Each subspecialty rotation will have its own curriculum, and is available based on student interest and department capacity.
4973	Anesthesiology	EL Anesthesiology: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
<b>Cardiology</b>					
4069	Cardiology	AI Cardiology: Cardiac Intensive Care Unit	NS		The Cardiac Intensive Care Unit (CICU) at North Shore's Sandra Atlas Bass Heart Hospital provides acute cardiac care to patients with life-threatening cardiovascular disorders. In this unit patients' care can involve managing cardiogenic shock with invasive hemodynamic monitoring and advanced mechanical circulatory support, managing patients both pre and post high-risk interventional and electrophysiology procedures and managing patients awaiting heart transplants. CICU providers also prioritize teaching medical students and housestaff, focusing on the physiology and conditions seen in both cardiac critical care and general cardiology.
4194	Cardiology	EL Cardiology: Cardiac Arrhythmias and Electrophysiology	NS		The purpose of the rotation is to provide the medical student with a more advanced knowledge of cardiac arrhythmias-supraventricular and ventricular. The student will be exposed to all diagnostic and therapeutic modalities. They will have a better understanding of Pacemaker and Defibrillators. Time will be spent also teaching EKG daily. NOTE: This is an advanced cardiology elective on electrophysiology with fellows and attendings only. It is not an elective for those interested in refining their skills at EKG reading, but instead for those with advanced knowledge of EKGs.

4109	Cardiology	EL Cardiology: General	LHH		The student will participate in the daily activities of the Cardiology service including rounds, consultations, conference, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows and attending's.
4110	Cardiology	EL Cardiology: General	NS		The student will participate in the daily activities of the Cardiology service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows and attendings.
4905	Cardiology	EL Cardiology: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.
4969	Cardiology	EL Cardiology: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
<b>Cardiovascular and Thoracic Surgery</b>					
4104	Cardiovascular and Thoracic Surgery	EL Cardiovascular and Thoracic Surgery: General	NSLIJ		While learning all aspects of cardiothoracic surgery the 4th year student will function as a subintern on "the team". This will include rounds with the surgeons, intensivists, PA's and NP's on the service. Preoperative assessment and preparation of patients will be required. As much time as possible will be spent in the operating room. Operative technique including basic suturing and tying skills should be perfected. Based on interest and ability numerous procedures can be mastered in the operating room and in the intensive care unit. Students will be intimately involved in the post-operative management of cardiothoracic surgical patients.
4102	Cardiovascular and Thoracic Surgery	EL Cardiovascular and Thoracic Surgery: General	LHH		Students rotating in the division of Cardiothoracic surgery are exposed to all phases of the adult, primarily acquired, cardiac diseases. In an effort to optimize exposure students are assigned to pre-operative, intra-operative and post-operative care. Students are expected to evaluate patients with the Cardiothoracic team in an effort to plan the appropriate surgical therapy. Students are expected to rotate in the operating room, learn proper surgical technique and learn all aspects of cardiopulmonary bypass.
4911	Cardiovascular and Thoracic Surgery	EL Cardiovascular and Thoracic Surgery: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.

4974	Cardiovascular and Thoracic Surgery	EL Cardiovascular and Thoracic Surgery: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
<b>Dental Medicine</b>					
4260	Dental Medicine	EL Dental Medicine: The Relationship Between Oral and Overall Health	LIJ, CCMC	2 week rotation only	Students will rotate in the Department of Dental Medicine at LIJMC and Cohen Children's Medical Center. The focus of the rotation is to provide exposure to the various facets of dental medicine and surgery in a major medical center so as to begin to recognize the benefits of proper collaboration between medical and dental counterparts in achieving optimal patient outcomes. The rotation will consist of 2 day mini-rotations within the various divisions: Inpatient dentistry and Special needs dentistry, Pediatric dentistry, Oral and Maxillofacial Pathology and Oral and Maxillofacial surgery. The final two days of the rotation will be selected by the student as a focus area. Students should expect to participate as part of the resident education service in patient triage, physical examination and assisting in some procedures. The rotation will be beneficial to students pursuing almost any specialty: Primary care, Internal and Emergency medicine, Pediatrics, ENT, Plastics, Psychiatry, and more.
<b>Dermatology</b>					
4112	Dermatology	EL Dermatology: General	NSLIJ	* Please be advised, only students who have chosen Dermatology as their specialty will be permitted to take this rotation between the months of June and November.*	The Dermatology elective is an ambulatory experience that provides students the opportunity to develop fundamental clinical skills in the evaluation and management of patients with diseases of the integument. Students will participate in general and sub-specialty dermatology, pediatric dermatology, and procedural clinics with exposure to acute presentation on the dermatology consultative service. Clinical training will be supported by a self-directed problem based learning curriculum. Students will evaluate patients through a history, physical exam, medical chart and laboratory data reviews; discussing findings, differential diagnosis, work up and the initial management plans with the attending. The student may be expected to discuss results of the evaluation and next steps with the patient and provide counseling to the patients, as appropriate. Students will be expected to interact in a manner that is professional, ethical, culturally sensitive and appropriate manner.
4924	Dermatology	EL Dermatology: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.
4975	Dermatology	EL Dermatology: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.

### Emergency Medicine

4000	Emergency Medicine	AI Emergency Medicine: General	LHH	<p>The Emergency Department (ED) at Lenox Hill Hospital is a community based tertiary care center caring for over 56,000 patients annually. The ED is a full-service care center that manages high acuity, as well as routine and urgent care patients. The department is staffed by board-certified emergency physicians. The department is equipped with state of the art instruments including ultrasound, advanced airway equipment and a hypothermia machine. The ED is a stroke center certified by New York State and a recognized STEMI (ST segment elevation myocardial infarction) Center. Residents from the Department of Medicine, Orthopedics and Podiatry rotate in the ED as part of their core curriculum.</p>
4001	Emergency Medicine	AI Emergency Medicine: General	NSLIJ	<p>The Hofstra Northwell School of Medicine Emergency Medicine Acting Internship at LIJ Medical Center (LIJMC) and North Shore University Hospital (NSUH) offers students a robust clinical and academic experience across two flagship sites. Each ED, separately, sees 100,000 adult visits per year. NSUH is a Level I Trauma Center and both sites are percutaneous coronary intervention centers and designated stroke centers. LIJMC is a FDNY receiving hospital. Students spend 2 weeks at NSUH and 2 weeks at LIJMC. Our program also sponsors the following fellowships: International EM, EMS (FDNY), Sports Medicine, Medical Toxicology, and Emergency Ultrasound. LIJMC also sponsors a PGY 1-5 combined EM/Internal Medicine residency program and a PGY 1-6 EM/IM/Critical Care Medicine Program. While at NS+LIJ students may request to gain exposure to and experience with any of these programs. Additional student electives include: 4 week EM/IM/Observation Medicine, 4 week Ultrasound, 4 week Medical Toxicology (all separate applications in VSAS). AI applications are considered on a rolling basis. Between June and October preference is given to students with a demonstrated interest in Emergency Medicine. In the summer of 2017 the two separate LIJMC and NSUH residency programs will be combined into one innovative 3+1 program. Please visit <a href="http://theempulse.org/student-education/">http://theempulse.org/student-education/</a> for more information.</p>

4063	Emergency Medicine	AI Emergency Medicine: General	SSH		<p>The Emergency Department (ED) at Southside Hospital is a community based tertiary care hospital in Bayshore, NY with approximately 75,000 visits annually, and high levels of acuity. The ED is staffed by board certified emergency physicians. The ED is an American College of Surgeons verified Level II center, with the highest level of penetrating injuries on Long Island. We are also an American Heart Association award winning Stroke and STEMI center. Our department is a 911 ground and FAA approved air transport receiving hospital. The recently expanded department is designed with numerous critical care areas as well as a robust trauma bay equipped with instruments in ultrasound, ECMO, advanced airway equipment, and neonate resuscitation to handle the wide variety of highly complex cases. Our experienced teaching faculty will supervise the student on the identification and treatment of critical medical, surgical and traumatically injured adult and pediatric patients with an emphasis on resuscitations and critical care.</p>
4064	Emergency Medicine	AI Emergency Medicine: General	FHH		<p>Forest Hills Hospital is a busy community ED seeing approximate 55/56,000 patients per year. 12% of our visits are pediatric (under 18 years of age). We have an admission rate of 20%, with 2-4 admission per day to our ICU. We have full time neonatologist and anesthesia available to the ED as needed. We have general surgery, orthopedics, palliative, hospice, medicine, neurology, urology in-patient services. We transfer out for: trauma, in-patient pediatrics, neurosurgery, and oncology. Students should expect to work a minimum of 2 nights and weekend shifts in the block.</p>

4067	Emergency Medicine	AI Emergency Medicine: General	NSLIJ	Only permitted for MD/PhD students	<p>This longitudinal experience in Emergency Medicine affords MD/PhD students the opportunity to complete their Emergency Medicine Acting Internship over the course of two months. This lengthening of the rotation to eight weeks will allow students to dedicate time to their ongoing research projects.</p> <p>The Zucker School of Medicine at Hofstra/Northwell Emergency Medicine rotation at LIJ Medical Center (LIJMC) and North Shore University Hospital (NSUH) offers students a robust clinical and academic experience across two flagship sites. Each ED, separately, sees 100,000 adult visits per year. NSUH is a Level I Trauma Center and both sites are percutaneous coronary intervention centers and designated stroke centers. LIJMC is a FDNY receiving hospital. Students spend 2 weeks at NSUH and 2 weeks at LIJMC. Our program also sponsors the following fellowships: International EM, EMS (FDNY), Sports Medicine, Medical Toxicology, and Emergency Ultrasound. LIJMC also sponsors a PGY 1-5 combined EM/Internal Medicine residency program and a PGY 1-6 EM/IM/Critical Care Medicine Program. While at NS+LIJ students may request to gain exposure to and experience with any of these programs.</p>
4087	Emergency Medicine	AI Emergency Medicine: General	SIUH		<p>The Department of Emergency Medicine offers 4 week medical student electives in Adult Emergency Medicine for both 3rd and 4th year medical students, as well as electives in Pediatric EM, Critical Care, and ED Ultrasound (Trauma/Critical Care &amp; Ultrasound electives are 2 weeks in length). The rotations are designed to introduce students to the scope of EM, including principles of patient care and the basis for problem solving in the ED. Didactic sessions and hands-on procedure labs are taught by faculty. The combined North and South site hospitals see approximately 130,000 patients annually. The North hospital is a Level 1 Trauma center, a recognized regional burn center, and has almost all subspecialty capabilities. Medical students will be assigned individual patients that they are expected to follow throughout the patient's course in the Emergency Department. There will always be an attending or a resident available for bedside teaching and to guide the student throughout the process. In addition to clinical shifts, students are required to attend the weekly academic conference on Wednesday mornings from 7am to noon in the education conference center of the Department. Skill sessions are hands-on procedure labs taught by residents and faculty, covering splinting, laceration repair, EKG interpretations, and emergency ultrasound.</p>



4090	Emergency Medicine	AI Emergency Medicine: ED Resuscitation	NS		<p>The ED Resuscitation elective, offered by the Division of Critical Care of the ED at North Shore University Hospital, is a unique opportunity for aspiring medical students interested in emergency medicine as well as critical care to get hands-on experience with undifferentiated patients presenting in the extremis to our level one trauma center ED, while being mentored by critical care trained emergency medicine faculty. Students will see a wide range of critically ill patients from trauma, sepsis, cardiac arrest, stroke, and myocardial infarction directly under the supervision of critical care EM faculty, as well as facilitating procedures, critical care ultrasound, and emergency imaging interpretation. Students will attend weekly trauma and cardiac arrest video review, curated by critical care faculty aimed at teaching trainees of all levels. The culmination of this exceptional experience is the student presenting a case from ED to the ED and disposition at the critical care conference.</p>
4367	Emergency Medicine	EL: Emergency Medicine: Crisis Management and Clinical Preparedness	NSLIJ	Corporate Crisis Management Office; 2 weeks only-November through March	<p>Prevention. Mitigation. Preparedness. Response. Recovery. Resiliency. The tenants of emergency management have taken on a new meaning in the setting of the many challenges of the COVID-19 Pandemic. Emergency preparedness will forever be a part of normal considerations from the small private practice to the quaternary care hospitals, and every clinical setting in between. The rotation with Northwell Crisis Management offers students the opportunity to see and understand the education, infrastructure and human capital that support preparedness and response efforts. Student rotators will have the opportunity to work side by side with members of the Crisis Management Incident Response Team (CMIR T). During their rotation they will be provided didactic and hands-on educational opportunities related to Hazardous Material Response, our Specialized Pathogen Unit, cybersecurity, event medicine, business continuity, and operational community health, to name a few of the highlights. This is an opportunity to work with a multi-disciplinary team including several key leaders in the Health Care System.</p>

4913	Emergency Medicine	EL Emergency Medicine: Preceptorship			Students will be expected to find a preceptor and together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.
4976	Emergency Medicine	EL Emergency Medicine: Research			Students will be expected to find a research mentor and together with that mentor, submit a research proposal to the Research Advisory Committee.

4242	Emergency Medicine	EL Emergency Medicine: Screening, Brief Interventions, and Referral to Treatment (SBIRT) for Alcohol and Substance Misuse in Emergency Care	SSH, SIUH N, SIUH S, LHH	2 week rotation only	<p>As substance abuse can easily be described in the form of a continuum, the SBIRT student rotation will allow students to encounter patients at multiple time-points in the “journey” to potential addiction. During this 2-week elective, the student will work in conjunction with SBIRT Health Coaches, Registered Nurses, Residents and Attending Physicians within a busy Emergency Department. Providing an all encompassing experience, the rotation will include hands-on training in a public health approach implemented within Northwell Health which enables inter-professional clinical teams to intervene early, in efforts to prevent progression of the disease process. Additionally, in collaboration with Zucker Hillside Hospital – Substance Abuse Services, students will gain exposure to treatment planning and care modalities for patients struggling with addiction, in both outpatient and inpatient settings.</p>
4105	Emergency Medicine	EL Emergency Medicine: Toxicology	NSLIJ		<p>The Medical Toxicology elective is a unique opportunity for medical students to experience the subspecialty of clinical toxicology. The rotation is operated by the Division of Medical Toxicology in the Northwell Health Department of Emergency Medicine at NSLIJ. During this 4-week rotation, students work in conjunction with our fellows and attendings. The clinical experience includes bedside consults on poisoned/overdosed patients at NSUH, LIJ, and CCMC. It also includes two days per week at the New York City Poison Control Center, where students are exposed to the public health aspect of our specialty, and the role of poison control centers. This course is not offered in July.</p>

4205	Emergency Medicine	EL Emergency Medicine: Ultrasound	NSLIJ		The Emergency Medicine Department has a very active ultrasound group and a growing ultrasound fellowship program. We currently have 14 emergency ultrasound-credentialed faculty and five emergency ultrasound fellows. During their elective the fourth-year medical student will spend their days scanning with the fellows and attending the ultrasound conferences. They will learn about basic and advanced emergency ultrasound applications, including FAST exams, RUQ ultrasounds, DVT scans and aorta scans. In addition, students are involved in formal didactic sessions as well as weekly tape review of all scans conducted the previous week.
4338	Emergency Medicine	EL Emergency Medicine: Virtual Emergency Medicine Rotation	SIUH	2 week rotation only	opportunities including a Formal Lecture Program designed exclusively for students. Formal learning sessions include but are not limited to suture and splint labs, procedure labs, SIM labs, US and EKG skills, dedicated pediatric, toxicology, global health lectures, and radiology readings. In addition, there will be OSCE sessions to cover ED patient care. There will also be an entire day run by the Director of Medical Student Education and will include resuscitations, while gaining excellent history taking and physical examination skills. Students gain one on one time with Attendings and residents to feel part of a team. Students are also required to attend the
<b>Global</b>					
4994	External	EL Global: Ecuador	EXT		This is a global elective in which students will rotate through Universidad San Francisco de Quito (USFQ) in Ecuador. The cultural and ecological diversity of Ecuador offers a variety of scenarios in the fields of Medicine and Public Health in both rural and urban settings. Students have the opportunity to rotate through primary care clinics in rural areas of Ecuador, participate in public health initiatives with the indigenous population in the Andes or rotate in hospitals/clinics in the subtropics regions of Ecuador.

					<p>This rotation is a 4 week rotation done in conjunction with the family medicine residencies within the health system. Students will work with the residents and faculty stationed at sites either in rural America or abroad (Caribbean, Latin America, Africa, etc). The purpose of this program is to expose students to international resources and opportunities typically found outside of the typical primary care setting, and to introduce them to international agencies and professionals able to augment and extend the scope of traditional office care. The primary areas of emphasis include, but are not limited to, issues of equity and social justice in the distribution of health services in resource-poor settings, abuse and neglect, and global medicine. Prior to departure, the students will participate in online learning modules based on the core curriculum for global health (medicine and public health). They will then participate in a boot camp live class to review the material learned online as well as to learn necessary procedures for participating in a global health experience. They will also receive information on preparing for travelling abroad and cultural sensitivity. Upon arrival at their global health site, they will participate in a structured schedule which involves spending time with family medicine residents, faculty and community doctors who are caring for patients in inpatient, outpatient, home visits, orphanages, etc. The patient panel is similar to that seen in the US for family medicine: pediatrics, adults, obstetrics, gynecology, geriatrics and surgery. Each student is expected to participate in an ongoing quality improvement or public health project during their rotation and will contribute to the final publication/presentation that is given annually in the American Academy of Family Physicians (AAFP) and the World Organization of Family Doctors (WONCA) conferences.</p>
4997	External	EL Global: Global Health in Family Medicine	EXT		
4993	External	El Global: Guyana	EXT		TBD
4998	External	El Global: Uganda	EXT		<p>The Uganda experience is a unique 6 week experience in both clinical and community medicine that takes place in a very remote rural region of Uganda, the Kisoro district. Additionally, there is a two-week course, EL Global: Introduction to Global Health, that is required to be taken in June of the student's fourth year. The Uganda rotation focuses on developing the cognitive and clinical skills most valuable to students interested in the fields of Medicine, Family Medicine, Pediatrics, Psychiatry, Emergency Medicine and Ob-gyn.</p>
<b>Medicine</b>					

4007	Medicine	AI Medicine: Critical Care	LHH		This is a 4 week course during which students learn a basic approach to common critical care conditions by providing care to patients in the Medical Intensive Care Unit, and completing a small-group, interactive, and case based didactic curriculum. Students work closely with selected faculty, fellows and senior residents to learn assessment of the critically ill patients, gain skills in patient evaluation, clinical presentation, development of a differential diagnosis and appropriate workup, using goal directed echocardiography to evaluate the critically ill patients and the overall evaluation and treatment of ICU patients.
4062	Medicine	AI Medicine: Critical Care	NSLIJ		This is a 4-week course during which students learn a basic approach to common critical care conditions by providing care to patients in the Medical Intensive Care Unit, and completing a small- group, interactive, and case-based didactic curriculum. Students work closely with selected faculty, fellows and senior residents to learn assessment of the critically ill patient, gain skills in patient evaluation, clinical presentation, development of a differential diagnosis and appropriate workup, using goal directed echocardiography to evaluate the critically ill patient and the overall evaluation and treatment of ICU patients. Special features of this rotation include the teaching of ultrasound use within the ICU. The faculty at NSLIJ runs a national ultrasound course, the curriculum of which will be taught to the students.
4071	Medicine	AI Medicine: Critical Care	PH		This is a 4-week course in which medical students learn a basic approach to common critical care conditions by providing care to patients in a 15 bed Intensive Care Unit in a community hospital setting. It is a mixed ICU population with medical, surgical, cardiac, and neuro patients who are cared for by the ICU team. The ICU team is composed of an intensivist, family medicine residents and interns, and a PA/NP, in addition to a large group of nurses and ancillary staff. Students will take part in small- group, interactive, and case-based didactic curriculum. Students will learn to assess the clinical presentation of critically ill patients and gain skills in patient evaluation. During the rotation, students will learn the appropriate workup, develop a differential diagnosis, and use goal directed echocardiography and other ancillary studies to evaluate and treat the critically ill patient. Special features of this ICU rotation include the teaching of critical care ultrasound and small group didactic teaching. There is a weekly journal club meeting, and an ethics conference every other month in which recent cases with difficult ethical/palliative aspects are discussed.

4066	Medicine	AI Medicine: Critical Care	VS	<p>This is a 4-week course during which medical students learn a basic approach to common critical care conditions by providing care to patients in a 16 bed Intensive Care Unit. The unit is a mixed population of medical, surgical, cardiac, and neuro patients closely monitored by the ICU team. Students will take part in small- group, interactive, and case-based didactic curriculum. Working closely with intensivists and mid-level practitioners, students will learn to assess the clinical presentation of critically ill patients and gain skills in patient evaluation. During the course of the rotation, students will take part in the appropriate workup, development of a differential diagnosis, use goal directed echocardiography and other ancillary studies to evaluate and treat the critically ill. Special features of this ICU rotation include the teaching of ultrasound and small group didactic teaching with a very hands on approach to ICU care. There is also a weekly multidisciplinary radiology conference with the department of radiology, ICU, emergency medicine, surgery, and general medicine. The medical student along with the ICU provider will also be responding to rapid responses and codes activated in the hospital.</p>
4004	Medicine	AI Medicine: General	LHH	<p>Our AI experience is designed to encourage students to be the interns for their patients. They carry patients independently of interns and have access to technology and other resources in order to successfully do so. They call consults, speak to attendings and families, and work all shifts with their teams. To facilitate this, they receive targeted didactic on topics designed to foster the knowledge and skills they need to become effective interns as well as active monitoring from a site director to provide support, encouragement, and motivation.</p>

4005	Medicine	AI Medicine: General	LIJ	<p>The Acting Internship medicine rotation at North Shore University Hospital /LIJMC will be an exciting and highly rewarding experience for the fourth year medical students, providing an excellent foundation in handling acute in-house medical patients. The resident of the team will assign patients to the Acting Intern (AI). The AI will be primarily responsible for up to 5 patients and will be supervised by the resident and attending of their team. AI is expected to become the equivalent of an Intern on this team. AIs are expected to speak up if inadvertently assigned to an intern's patient. This experience should provide the AI a great opportunity to enhance the skills they have mastered as a third year students. Furthermore, they will get a chance to develop their communication skills, bedside manners and the ability to act as an independent and responsible physician. During this time they will be part of a multidisciplinary team. They will be taking care of patients with diverse cultural beliefs and will be handling complicated cases with medical and ethical issues. They will be required to write and enter daily progress notes in sunrise, which will have to be co-signed by the resident and attending. The AI can enter orders but all orders will be reviewed and countersigned by your residents before implementation.</p>
4006	Medicine	AI Medicine: General	NS	<p>The Acting Internship medicine rotation at North Shore University Hospital /LIJMC will be an exciting and highly rewarding experience for the fourth year medical students, providing an excellent foundation in handling acute in-house medical patients. The resident of the team will assign patients to the Acting Intern (AI). The AI will be primarily responsible for up to 5 patients and will be supervised by the resident and attending of their team. AI is expected to become the equivalent of an Intern on this team. AIs are expected to speak up if inadvertently assigned to an intern's patient. This experience should provide the AI a great opportunity to enhance the skills they have mastered as a third year students. Furthermore, they will get a chance to develop their communication skills, bedside manners and the ability to act as an independent and responsible physician. During this time they will be part of a multidisciplinary team. They will be taking care of patients with diverse cultural beliefs and will be handling complicated cases with medical and ethical issues. They will be required to write and enter daily progress notes in sunrise, which will have to be co-signed by the resident and attending. The AI can enter orders but all orders will be reviewed and countersigned by your residents before implementation.</p>



4111	Medicine	EL Medicine: Clinical Medical Ethics	LIJ		The Ethics Consultation Service responds to requests for consultation that include neonatal, pediatric, and adult populations. The purpose is to improve patient care and facilitate communication between clinicians, patients and families regarding complex medical ethical issues of treatment. This elective will provide an orientation to ethical dilemmas seen in daily medical practice and an introduction to systematic ethical analysis and clinical mediation. The student(s) will rotate on the Ethics Consult Service. Student will have an opportunity to independently perform an ethical consultation and observe ethical mediation.
4369	Medicine	EL Medicine: Critical Care Medicine	SSUH		Integrate with the MICU team and participate in the care of critically ill and injured patients in a tertiary care hospital.
4291	Medicine	EI Medicine: Corporate Compliance	Broadridge Edgewood, NY	2 week rotation	Employers are the largest health insurance providers, second only to the government. As such, corporate medicine plays an instrumental role in maintaining the health and wellbeing of the workforce. It ties in the clinical needs of the patient with the specific health concerns raised in a given work environment. The student will develop the knowledge and skills needed to deal effectively with corporate health issues to promote overall health and wellness, boost employee engagement, lower healthcare costs, mitigate work-related injuries and ensure productivity in the workplace. The clinical experience will include a multifaceted approach that includes emergency, acute, chronic and preventative care, travel consults, work-related injuries, ergonomics, pre-surgical medical evaluations, as well as health improvement interventions. In addition to standard clinical management, the student will also have an opportunity to learn the components of a Corporate Wellness Program and its impact on the health of our employees. Utilizing analytics as well as employee input, wellness programs are designed to meet the needs of a specific population defined by the employees. The student will gain an understanding of how a corporate medical office contributes to an organizational culture of health and its connection to all of the other parts of a complex infrastructure - senior management, human resources, legal, worker's compensation, government regulatory agencies, hospitals and public health organizations.

4193	Medicine	EL Medicine: Endocrinology	LIJ		The student will participate in the daily activities of the Endocrinology service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows, and attending's.
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4258	Medicine	EL Medicine: Endocrinology	LHH	Can be 2 or 4 weeks	<p>The inpatient experience takes place at Lenox Hill Hospital, and involves working as part of the inpatient team (endocrine fellow, nurse practitioner, attending physician) <b>when cases presented/followed can be of benefit for learning experience.</b> There will be daily teaching rounds. The outpatient experience takes place at 110 East 59th Street (once a week, for endocrine fellows' clinic) and Dr. Merker's office, 325 East 79th Street (four times a week).</p>
4113	Medicine	EL Medicine: Gastroenterology	LHH		<p>The student participated in the daily activities of the Gastroenterology service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows, and attending's. Please note, we do not take students in July.</p>

4149	Medicine	EL Medicine: Gastroenterology	NSLIJ		The student will participate in the daily activities of the Gastroenterology service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows, and attending's.
4151	Medicine	EL Medicine: Geriatrics Medicine	LIJ		The student will participate in the daily activities of the Geriatrics service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows, and attending's.
4254	Medicine	EL Medicine: Health Policy	NSLIJ		This elective is designed to offer medical students a fundamental knowledge of frequently discussed health policy issues and provide hands-on experience in advocacy. Students will participate in small group discussions with policy professionals in the Northwell Health system, journal clubs addressing policy reform and how policy can further health equity goals, and workshops on community outreach and corresponding with elected officials. Students will participate in Northwell Health's Policy Week events and sessions with local and state legislators. This elective is offered in February.
4114	Medicine	EL Medicine: Hematology Oncology	LHH		The student participates in the daily activities of the Hematology-Oncology service including rounds, consultations, conferences and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervisions of their house staff, fellows, and attending's. Please note, we do not take students in July.

4155	Medicine	EL Medicine: Hematology Oncology	LIJ		<p>The 4th year rotation will consist of an exposure to a mix of inpatient and outpatient oncology patients. The rotation will begin with a 2 week inpatient rotation in the Oncology Consult Service at the Long Island Jewish Medical Center. This will provide a mix of solid tumor experiences. The second two weeks will be an outpatient experience working with an Oncology attending at the Montefiore Cancer Center seeing a variety of oncologic diseases. The student will be expected to attend all Medical Oncology and Hematology Grand Rounds and Core Conferences while on rotation. The student will become a member of the Oncology Consult Team at Long Island Jewish Medical Center while on the first two weeks of this rotation. As such, they will be assigned consult and follow up patients to pre-round on and follow during their hospitalization. The patients will be seen with the assigned Medical Oncology/Hematology fellow. The fellow and student will then round with an attending physician to see these cases. The second two weeks of the four week rotation will be the student working side by side with an Oncology Attending to see their cases. This will familiarize the student with various chemotherapy agents, the side effects of chemotherapy, how to treat the side effects of chemotherapy, and the genetic mutations associated with various malignancies.</p>
4263	Medicine	EL Medicine: Hepatology	NS	Can be 2 or 4 weeks	<p>The students will participate in the daily activities of the Hepatology service including in-patient rounds, in and out-patient consultations, conferences, and procedures. The student will be assigned patients and be expected to perform a complete history, thorough physical examination, and take the lead in writing progress notes under supervision of the fellow and attending. Students will see new patient consults in the hospital and will both evaluate and observe outpatients in the liver center. Evaluations will include general hepatology as well as pre and post-liver transplant patients. Students will be instructed about medications and the liver from the on site team of hepatology pharmacists. Students will be expected to read about the clinical material and present cases on a regular basis. They will be expected to do a formal presentation regarding a specific liver topic at the conclusion of the elective.</p>

4119	Medicine	EL Medicine: IMPACcT Clinic	865 Northern Blvd	Priority given to IMPACcT students	<p>Students in the IMPACcT elective will engage in a variety of activities designed to enrich experience and understanding of ambulatory medicine as well as interprofessional clinical collaboration. Students will see longitudinal and acute patients, discussing cases with residents and attending physicians, and the interprofessional team of pharmacists, psychologists, medical assistant, and coordinator. Students will participate in a multidisciplinary huddle to coordinate care with the medical team before each patient care session and will have time to review charts, follow up with patients, and read about the patients they see in the office. Students will take part in twice-weekly interprofessional education sessions on clinical and behavioral medicine topics and will critically appraise recent literature to create evidence-based medicine reviews with faculty. Students can also opt into clinical sessions in obesity medicine, medication management, behavioral health, vaccinations, quality improvement, diabetes education, nutrition, as well as screening, brief intervention, and referral to treatment for substance misuse. When possible, students will teach first and second year medical students in physical diagnosis, communications, and PPS courses alongside Hofstra faculty. This elective is designed for students in the IMPACcT longitudinal program, who will be given priority.</p>
4115	Medicine	EL Medicine: Infectious Diseases	LIJ		<p>The infectious disease elective consists of ID consults throughout the hospital including intensive care units, OB/GYN, surgical patients, transplant patients, ER consults, as well as internal medicine. Optional opportunities to rotate in travel medicine, ID consults, and HIV are available in the outpatient practice as well. In addition to learning basic infectious disease concepts, the student will become familiar with antimicrobial management and basic infection control policies.</p>
4116	Medicine	EL Medicine: Infectious Diseases	NS		<p>The infectious disease elective consists of ID consults throughout the hospital including intensive care units, OB/GYN, surgical patients, transplant patients, ER consults, as well as internal medicine. Optional opportunities to rotate in travel medicine, ID consults, and HIV are available in the outpatient practice as well. In addition to learning basic infectious disease concepts, the student will become familiar with antimicrobial management and basic infection control policies.</p>

4379	Medicine	EI Medicine: Immunization and Ethics	Virtual	2 weeks	<p>Immunization has been described as the most effective medical intervention of the 20th century, changing the face of infectious diseases, public health, the practice of Medicine and society overall. Notwithstanding this fact, the use of vaccines both new and old raises a host of ethical questions. Do vaccine mandates appropriately balance individual liberty and the public good? Is it ethical for a physician to discharge families from her practice who refuse to immunize their children? What approaches to encouraging immunization are ethical, and which are not?</p> <p>During this 2 week experience, students will select a specific question for deeper study, meet at least twice weekly with a faculty member for topical discussions (Teams or Zoom), review suggested literature, and write an ethical analysis which articulates the arguments for and against an ethical position. In addition to these meetings, students will also attend two, 1 hour virtual ethics meetings weekly within the Northwell Division of Medical Ethics, providing broader</p>
4347	Medicine	EL Medicine: Investigating Cultural and Racial Inequities in COVID Affected Communities on Long Island	NSLIJ	2 or 4 weeks	<p>Each student will investigate the disparate impact of the Covid-19 pandemic on a pair of Long Island communities, comparing one mostly Black/Hispanic community to a nearby White-predominant community. Thorough study will equip students to more fully understand the historical, social, economic and moral determinants of this and other health disparities and their origin in systemic racism; and work to remove unjust obstacles.</p> <p>Student research and interaction with faculty will be virtual. Students will first read about systemic racism and health disparities, then delve into local history, demographics, politics, housing, education, employment, income, and cultural, economic and health resources. Faculty will discuss the results and direction of their research twice weekly. Students will be encouraged to interview local leaders.</p> <p>Each student will write, and review with faculty, an essay which compares the two communities, and identifies contributors to the large disparity in Covid-19 incidence between them.</p>

					<p>The student participates in the daily activities of the Nephrology service including teaching rounds, new consultations, weekly conferences, and special procedures. Each student is assigned their own patients to complete the history, physical exam and monitor day to day progress. The student will take the lead in writing the consult and/or progress notes for assigned patients and also complete a literature searches when needed, under the supervision of renal fellows, and attendings. Intricacies of the dialysis procedure are observed and discussed. This exposure is an important addition to the basic fund of knowledge for all physicians. Kidney biopsies and review of renal pathology are other unique aspects of the rotation. We encourage students to sign up for the rotation with the intent of resolving any “gaps in knowledge” pertaining to nephrology. We welcome all students to help demystify nephrology during any block throughout the year.</p>
4154	Medicine	EL Medicine: Nephrology	LHH		<p>Our elective provides the medical student with both inpatient and outpatient nephrology experiences. Medical students spend their first two weeks on the inpatient setting. The next two weeks are spent on the outpatient setting. During the outpatient experience, medical students rotate through various renal clinics including transplant and peritoneal dialysis clinics. Medical students also round with a fellow or faculty member in the outpatient hemodialysis unit. The program director meets with each medical student at the beginning of the rotation to review the elective schedule. Medical students round with a fellow and faculty member during the first two weeks of inpatient rotation. During the outpatient rotation, medical students rotate through several renal clinics under the direct supervision of a fellow and faculty member. The program director also meets with each medical student at the end of the rotation for evaluation and feedback.</p>
4117	Medicine	EL Medicine: Nephrology	NSLIJ		



4377	Medicine	EL Medicine: Overview of Hospice Medicine	MLTPLS	2 weeks	<p>Hospice Medicine is specialized care for those patients nearing the end of life who wish to focus on maximizing their comfort and quality of life rather than pursuing aggressive medical care. Such patients typically wish to spend their limited time at home with family/friends rather than spending that time in and out of the hospital.</p> <p>The hospice team's goal is to keep the patient in their desired setting and attend to their physical, psychosocial and spiritual well-being while also providing robust support for the patient's family/loved ones.</p> <p>This rotation will provide an overview of hospice services as they are provided in 2 settings: 1 week will be spent accompanying members of the hospice interdisciplinary group (e.g. physicians, nurses, social workers, etc) on their home visits where they will see how this team provides end of life care. The other week will be spent at the inpatient facility - the Hospice Inn in Melville. There students will learn about complex pain and symptom management. In both settings, students will learn how to communicate with patients (and families) with serious illness.</p>
4152	Medicine	EL Medicine: Palliative Care	NS		<p>The palliative care division sees both in-patient and out-patient consultations for issues of pain and non-pain symptom management, negotiating goals of care, withdrawing therapy, communicating bad news, and other palliative issues. The student will be actively involved in the consultative service. The students will develop tools to help with end of life issues as well as helping to deal with patients with any chronic progressive illness, so that the patients can be seen as a person rather than as a disease entity.</p>

4281	Medicine	EL Medicine: Palliative Care	LHH	Through participation in conferences, clinical rounds and reading (main resources are the EPEC® Education for Physician in End-of-life Care Curriculum, AAHPM Self Study Program UNIPAC Series and provided articles), students will develop the knowledge base and skill to evaluate patients needs from a palliative care perspective. Students will begin to learn to develop a treatment plan that integrates palliative care with the ongoing management of the patient, as developed by the primary caregivers. Additional emphasis will be placed on instruction and practical application of principles of pain management and equa-analgesic dosing. An important component of the rotation will be skill development in taking a spiritual/cultural history, developing a knowledge base regarding issues of spirituality/culture in medicine and demonstration of an awareness of spiritual and cultural values held by patients and families and showing respect for varying belief systems.
4910	Medicine	EL Medicine: Preceptorship	N/A	Students will be expected to find a preceptor and together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.
4145	Medicine	EL Medicine: Pulmonary Consult	NSLIJ	The student participates in the daily activities of the Pulmonary service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and take the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows, and attendings. Please note: We do not take students in July or August.
4207	Medicine	EL Medicine: Pulmonary/Critical Care	LHH	The student participates in the daily activities of the Pulmonary service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and take the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows, and attendings's.
4900	Medicine	EL Medicine: Research	N/A	Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
4120	Medicine	EL Medicine: Rheumatology	LIJ	The student will participate in the daily activities of the Rheumatology service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows, and attendings.

4121	Medicine	EL Medicine: Rheumatology	NS		The student will participate in the daily activities of the Rheumatology service including rounds, consultations, conferences, and special procedures. The student is assigned patients, performs a complete history, thorough physical examination, and takes the lead in writing progress notes, and performing pertinent procedures under the supervision of their house staff, fellows, and attendings.
4243	Medicine	EL Medicine: Screening, Brief Interventions, and Referral to Treatment (SBIRT) for Alcohol and Substance Misuse in Primary Care	MLTPLS	2 week rotation only	As substance use can easily be described in the form of a continuum, the SBIRT (Screening, Brief Intervention, and Referral to Treatment) student rotation will allow learners to encounter patients at multiple time-points in the “journey” of potential addiction. During this 2-week elective, learners will benefit from the support of an interprofessional and interdisciplinary team spanning Emergency Medicine, Internal Medicine, and Addiction Services. Learners will work alongside SBIRT Health Coaches, Registered Nurses, Medical Office Assistants, Residents and Attending Physicians. Providing an all-encompassing experience, the rotation will include hands-on training in a public health approach implemented within Northwell Health which enables interprofessional clinical teams to intervene early, in efforts to prevent progression of the disease process addiction represents. Additionally, in collaboration with Zucker Hillside Hospital – Substance Abuse Services, students will gain exposure to treatment planning and care modalities for patients struggling with addiction, in both outpatient and inpatient settings. <b>Locations: Southside ED, LIJ ED, Huntington ED, 865 Northern Blvd Primary Care, Glen Oaks Primary Care, ZHH Addiction Services</b>

4249	Medicine	EL Medicine: Telemedicine-ICU	Syosset Hospital & Telecommunications	2 week rotation only	<p>Welcome to the Northwell Health Telemedicine rotation. This elective is established with the aim of introducing medical students to the rapidly expanding field of telemedicine which is now becoming increasingly integrated into the ongoing operations of hospitals, specialty departments, home health agencies, private physician offices as well as consumer's homes and workplaces across the country. It is therefore important for medical students to be familiar with this form of health care delivery before they become practicing physicians. This rotation will allow students to observe and participate in the care of a high volume of patients from a wide variety of critical care units including MICU, SICU, Trauma, and Cardiothoracic ICUs using audio-video technology and sophisticated telecommunication applications. We currently cover Franklin Hospital (CCU/MICU/SICU), North Shore University hospital (MICU), Southside Hospital (MICU, Trauma ICU, Cardiothoracic ICU), Syosset Hospital(MICU/SICU/CCU) and Plainview Hospital(MICU/SICU/CCU). The student will be exposed to a wide variety of cases and work directly with an intensivist attending. Each new ICU admission will be seen by an eICU RN, attending and student, after which the attending will discuss it with the student, extracting relevant teaching points. Via use of a splitter device, the student will be able to listen to the interaction between bedside and eICU staff. There is also an expectation that the student will round at Syosset Hospital MICU. A full lecture series is available for students, time permitting. In addition, the student will participate in observing specialized tele-stroke and tele neuro critical care consults that will be performed using audio-visual technology in the ED/ICU of the hospitals being monitored by the eICU. Locations: Syosset Hospital and Telecommunications</p>
4354	Medicine	EL Medicine: Women's Health	225 Community Drive, Suite 103 Lake Success nd 256-11 Union Tpke Glen Oaks	2 Weeks	<p>Although knowledge of women's health is essential for physicians in various specialties, training in gender-specific care is often inadequate. Many medical conditions are "unique to, more common in, or more serious in women or have manifestations, risk factors, or interventions that are different in women."</p> <p>The Women's Health elective is a 2-week elective designed to offer comprehensive training in women's health. This elective consists of a hybrid curriculum with interdisciplinary clinical opportunities, interactive didactics, and scholarly activities in women's health.</p>
<b>Miscellaneous</b>					

4146	Miscellaneous	EL Miscellaneous: Applied Medical Informatics	NSLIJ		<p>After a brief introduction to the overall field of medical informatics through background reading this rotation will focus on practical exposure to applied clinical informatics. Clinical informatics is the sub-field of medical informatics concerns with how computer technology affect clinical care. Examples of clinical informatics topics include electronic medical records, clinical decision support, reporting and analytics, and personal health records. Students will have the options of rotating through a variety of clinical informatics areas in on of the largest integrated delivery networks in the US.</p>
4273	Miscellaneous	EL Miscellaneous: CLL Research and Treatment Program	Feinstein		<p>This will be a unique rotation opportunity that will provide a dynamic clinical research experience focused on the use of electronic medical records and clinical data to both formulate and answer a research question. It provides an opportunity to select one's own research project based on clinical and laboratory data accumulated over 3 decades by the CLL Research &amp; Treatment Program on patients with the most common leukemia in the United States, chronic lymphocytic leukemia (CLL). Preliminary discussions with the Program leaders, Drs. Nicholas Chiorazzi and Kanti R. Rai, are encouraged. Students will be able to participate remotely at the Program's clinical and laboratory sites and attend regular meetings and presentations using remote platforms, Microsoft Teams. The majority of the time will be dedicated to working with clinical data from various electronic medical record platforms such as Allscripts and Sunrise, and integrating, organizing and inputting into a research framework and database for analysis. Students will be involved in clinical data collection and analysis for research, methods of research specific documentation, and the process of interpreting, extrapolating, and communicating clinic-generated and laboratory-generated research data. Students will also be advised on how to construct a testable research question/hypothesis based on their clinical data driven observations. This program involves one-on-one mentoring for students to take the proper steps to test their hypothesis and generate results. Students will develop a deeper understanding of all aspects of a clinical research study including procedures of patient selection, consent and enrollment, sample collection and analysis, and data generation and analysis.</p>
<b>Neurology</b>					

4010	Neurology	AI Neurology: General	NSLIJ		The student will be responsible for completing patient history and physicals, rounding on their patients daily, consulting on neurologic patients and writing daily notes. They will have a role equivalent to that of a junior neurology resident. Students will have more opportunities for independent work than during their third-year ACE rotation.
4199	Neurology	EL Neurology: Epilepsy	NSLIJ		This rotation will give students the opportunity to work closely with epileptologists and epilepsy neurosurgeons. Students will work in the outpatient practices of the epileptologists at 611 Northern Boulevard. Additionally, they will round with the Epilepsy Monitoring Unit (EMU) team on patients electively admitted for video EEG monitoring. There will be the opportunity to work with the EEG technologists and neuropsychologists as well during this rotation. Finally, students will participate in the epilepsy surgical conference on a weekly basis.
4279	Neurology	EL Neurology: General	LHH		This will be a mixed inpatient and outpatient experience. During the inpatient days and half-days, the student will be responsible for completing patient history and physicals, rounding on their patients daily, consulting on neurologic patients and writing daily notes, on general neurology, stroke, epilepsy or neuro-intensive care teams. They will have a role equivalent to that of an intern. Outpatient sessions will include seeing new and follow-up patients with attendings, and with opportunities to see patients independently, writing up their evaluation and reviewing with an attending. In general, students will have more opportunities for independent work than during their third-year rotations. The ratio of inpatient and outpatient coverage is flexible.

4288	Neurology	EL Neurology: Multidisciplinary Pain Medicine	MLTPLS	<p>This is a four week elective offered to 4th year medical students at Zucker School of Medicine interested in learning to assess and manage patients with acute and chronic pain. At this time, we will accept one medical student per 4 week rotation. There will be weekly rotations with the acute inpatient service and the outpatient pain and headache programs, which include a multidisciplinary approach to pain and headache treatment with non pharmacological, pharmacological and interventional approaches.</p> <p>At the end of each one (1) week rotation, Robert Duarte, MD and Shayna Sanguinetti, MD will have a brief meeting with the medical student to allow for questions and comments about the rotation.</p> <p>The 4 weeks are broken down as follows:  Day 1 – Introduction with Dr. Duarte and Dr. Sanguinetti at 611 Northern Blvd, Great Neck, NY  -Week 1 - Inpatient Anesthesia pain service at Long Island Jewish Medical Center  -Week 2 - Outpatient Neurology Chronic Pain/Headache management at 611 Northern Blvd  -Week 3 - Outpatient Physiatry Pain Service at 1999 Marcus Avenue and 1554 Northern Blvd  -Week 4 – Psychiatry at Zucker Hillside and Pain Psychology at 611 Northern Blvd</p> <p>Last day of rotation – Review with Dr. Duarte and Dr. Sanguinetti</p>
4921	Neurology	EL Neurology: Preceptorship	N/A	<p>Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.</p>
4977	Neurology	EL Neurology: Research	N/A	<p>Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.</p>
<b>Neurosurgery</b>				

4011	Neurosurgery	AI Neurosurgery: Critical Care	NS		The neurocritical care rotation is 1 month in length and is based at the North Shore University Hospital Neurosurgical Intensive Care Unit (NSICU). This experience will provide focused training in concepts and skills of ICU management, including fluid and electrolyte balance, ventilation, alimention, hemodynamic management of patients with neurological diseases and the systems approach to complex patient problems. This will include the special context of the neurological examination and the recognition of neurological and neurosurgical emergencies. Medical students will learn the basics of the medical management of patients with complex neurological disorders including aneurysmal subarachnoid hemorrhage, intracerebral hemorrhage, traumatic brain injury, brain infections and coma. The student will understand the standard forms of ICU monitoring (hemodynamic and mechanical ventilation) as well as specialized forms of neurologic monitoring (intracranial pressure, Brain tissue O2 and EEG) and interventions (therapeutic hypothermia, management of elevated intracranial pressure). The interface between the brain and other organ systems will be emphasized. The evaluation process is based on direct observation by faculty while on rounds and during conferences. A written evaluation by the faculty will be provided at the end of the rotation.
4030	Neurosurgery	AI Neurosurgery: General	NS		Students will attend morning rounds with the residents and see and examine patients on the service, with an emphasis on patients that they saw during consultations. Students will participate with morning report, first or second assist in the operating room and perform consultations independently. This will provide a more thorough experience with the spectrum of neurosurgical treatment than that provided during the third year rotation. There will be increased responsibility and involvement in patient care.
4927	Neurosurgery	EL Neurosurgery: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.
4978	Neurosurgery	EL Neurosurgery: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
<b>Obstetrics and Gynecology</b>					



4024	Obstetrics and Gynecology	AI Obstetrics and Gynecology: General	LHH	<p>The student will function as a sub-intern under the direction of the resident staff and full-time faculty. They will assume responsibility, with the interns, for a cadre of patients in both Obstetrics (low-risk) and benign Gynecology. Responsibilities will include: caring for obstetric and gynecologic patients in the ambulatory setting, pre-rounding on patients they have delivered as well as other patients on the low-risk Obstetrics service, rounding and writing notes (vaginal as well as cesarean section patients), admitting patients to the labor floor and performing deliveries (vaginal, low-risk) with resident and attending supervision; admitting patients to the Gynecology service, taking histories and performing physical examinations, participating in clinical care in the ambulatory and inpatient setting as well as in the Operating Room, rounding and writing notes on post-operative patients, patients admitted for non-operative care and patients seen in the ambulatory setting. All notes must be cosigned, and clinical care supervised by resident and/or attending staff.</p>
4025	Obstetrics and Gynecology	AI Obstetrics and Gynecology: General	LIJ	<p>The student will function as a sub-intern under the direction of the resident staff and full-time faculty. They will assume responsibility, with the interns, for a cadre of patients in both Obstetrics (low-risk) and benign Gynecology. Responsibilities will include: caring for obstetric and gynecologic patients in the ambulatory setting, pre-rounding on patients they have delivered as well as other patients on the low-risk Obstetrics service, rounding and writing notes (vaginal as well as cesarean section patients), admitting patients to the labor floor and performing deliveries (vaginal, low-risk) with resident and attending supervision; admitting patients to the Gynecology service, taking histories and performing physical examinations, participating in clinical care in the ambulatory and inpatient setting as well as in the Operating Room, rounding and writing notes on post-operative patients, patients admitted for non-operative care and patients seen in the ambulatory setting. All notes must be cosigned, and clinical care supervised by resident and/or attending staff. SPECIAL FEATURES: Students will have a full exposure to both Obstetric and Benign Gynecologic patient populations. There is additional opportunity for clinical experience in our Ambulatory Care Unit which is open every weekday from 9am to 8pm (Mon-Thurs) and 9am to 5pm (Friday).</p>

4026	Obstetrics and Gynecology	AI Obstetrics and Gynecology: General	NS	<p>The student will function as a sub-intern under the direction of the resident staff and full-time faculty. They will assume responsibility, with the interns, for a cadre of patients in both Obstetrics (low-risk) and benign Gynecology. Responsibilities will include: caring for obstetric and gynecologic patients in the ambulatory setting, pre-rounding on patients they have delivered as well as other patients on the low-risk Obstetrics service, rounding and writing notes (vaginal as well as cesarean section patients), admitting patients to the labor floor and performing deliveries (vaginal, low-risk) with resident and attending supervision; admitting patients to the Gynecology service, taking histories and performing physical examinations, participating in clinical care in the ambulatory and inpatient setting as well as in the Operating Room, rounding and writing notes on post-operative patients, patients admitted for non-operative care and patients seen in the ambulatory setting. All notes must be cosigned, and clinical care supervised by resident and/or attending staff. SPECIAL FEATURES: Students will have a full exposure to both Obstetric and Benign Gynecologic patient populations. There is additional opportunity for clinical experience in our Ambulatory Care Unit which is open every weekday from 9am to 8pm (Mon-Thurs) and 9am to 5pm (Friday).</p>
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4054	Obstetrics and Gynecology	AI Obstetrics and Gynecology: General	SSH		<p>The acting internship (sub-internship) in OBGYN at Southside Hospital is designed to expose fourth year medical students to a wide range of experiences in both general obstetrics as well as general gynecology in an inpatient setting. Students are expected to take a full history, perform supervised physical examinations, present patients faculty, and assist in formulating management plans. The four week acting internship is divided into three parts:</p> <ol style="list-style-type: none"> <li>1. Gyn days <ol style="list-style-type: none"> <li>a. Benign gynecologic surgery</li> <li>b. The student participates in surgical and post-operative care of the patients</li> <li>c. Gyn consults</li> </ol> </li> <li>2. Obstetrics days <ol style="list-style-type: none"> <li>a. Labor and delivery care including triage</li> <li>b. Participate in vaginal deliveries</li> <li>c. Participate in cesarean sections</li> <li>d. Postpartum care</li> </ol> </li> <li>3. OBGyn nights <ol style="list-style-type: none"> <li>a. Cover labor and delivery, ER, and in-house consults</li> </ol> </li> </ol> <p>During the four-week period, the acting intern is supervised directly by residents and faculty OBGYN physicians. This acting internship is the closest experience to an internship in OBGYN. Students will take 1 weekend call, and give 1 presentation.</p>
4047	Obstetrics and Gynecology	AI Obstetrics and Gynecology: Gynecology Oncology	NSLIJ		<p>The major objective of this 4 week elective is for the student to develop basic clinical skills for the prevention, diagnosis and management of female genital cancers. An individualized working schedule will be made for each student. The schedule consists of a multidisciplinary Gynecologic Oncology Conference, daily bedside discussions, rounds of gynecologic cancer patients with the gynecologic oncologists, work-up and personal follow-up of patients with a variety of gynecologic neoplasms, operative experience by assisting at cancer surgery, involvement in the ambulatory GYN oncology clinic, detection of precursor stages of cervical cancer through colposcopy, review of pathology with the gynecologic pathologist and exposure to research, if desired.</p>

4057	Obstetrics and Gynecology	AI Obstetrics and Gynecology: Gynecology Oncology	SSH		<p>The acting internship in Gyn Oncology is designed to expose the 4th year medical students to all aspects of gynecologic oncological care. The students are part of the Gyn Oncology team. During the four weeks as acting intern, the students will actively participate in daily rounds with the Gyn Oncology team, perform consults in the hospital, participate in Gyn Oncologic surgeries, and participate in weekly tumor board. The day starts at 6am and ends when surgeries, consults and rounds end. This is an inpatient experience. Students will take 1 weekend call, and give 1 presentation.</p> <p>Learning Goals:</p> <p>Learn the pathogenesis and prevention of precancerous and cancerous diseases of the female reproductive tract.</p> <p>Learn diagnosis, management and follow-up of gynecologic cancers and their premalignant conditions.</p> <p>Expose students to the operative management and the use of chemotherapy and radiation therapy in the management of gynecologic malignancy.</p> <p>Expose students to developing concepts in the understanding of gynecologic malignancy and the development of novel therapies.</p>
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4058	Obstetrics and Gynecology	AI Obstetrics and Gynecology: High Risk Obstetrics	SSH		<p>The acting internship in High Risk OBS will expose 4th year students to all aspects of high risk OB care from prenatal care to successful delivery. This is an inpatient as well as outpatient/office rotation. The student will work closely with our MFM (Maternal Fetal Medicine) physicians in the hospital and also in their private offices. In the hospital, students will participate in inpatient service rounds, consultations with the MFM attendings, participate in deliveries (vaginal &amp; cesarean) as well as high risk procedures such as cerclage, and participate in peri- and post-partum care of the high-risk patients. Once inpatient duties are tucked for the day, students will head to the outpatient high-risk office daily to spend time doing consultations, ultrasound, genetics, and nutrition. Students will take 1 weekend call, and give 1 presentation.</p> <p>Familiarity with the physiology and common pathophysiologies of pregnancy. Familiarity with the diagnosis and treatment of the common antenatal complications of pregnancy including preeclampsia, preterm premature fetal membrane rupture, preterm labor, placental abruption, and fetal growth abnormalities.</p> <p>Familiarity with the diagnosis and treatment of the common medical complications of pregnancy including pre-gestational diabetes, asthma, HIV, and maternal autoimmune complications.</p>
4045	Obstetrics and Gynecology	AI Obstetrics and Gynecology: Maternal Fetal Medicine	LIJ		<p>This fourth-year elective is designed to acquaint the student with high-risk obstetrics in the environment of a tertiary perinatal referral center. The course is one month in duration. The student is exposed to obstetrical ultrasound, antenatal testing, and obstetrical high-risk consultations in the office setting in addition to maternal medical, surgical and obstetrical complications in the hospital setting. The student will join a team of Maternal-Fetal Medicine faculty attendings, fellows and senior OB/GYN residents while rotating through the high-risk clinic, the high-risk inpatient service, the antepartum testing unit and labor and delivery.</p>

4046	Obstetrics and Gynecology	AI Obstetrics and Gynecology: Maternal Fetal Medicine	NS		This fourth-year elective is designed to acquaint the student with high-risk obstetrics in the environment of a tertiary perinatal referral center. The course is one month in duration. The student is exposed to obstetrical ultrasound and antenatal testing, and obstetrical high-risk consultations. The student will join a team of Maternal-Fetal Medicine faculty attendings, fellows and senior OB/GYN residents while rotating through the high-risk clinic, the high-risk inpatient service, the antepartum testing unit and labor and delivery. Opportunities are available for participation in clinical research studies.
4209	Obstetrics and Gynecology	EL Obstetrics and Gynecology: Family Planning	NS		The Family Planning rotation offers a unique chance for medical students to learn about abortion and contraception. During the 2-4 week rotation, students will learn the epidemiology of unplanned pregnancy in the world and the United States, the reasons women have abortions, and how to talk to women about pregnancy intention. While on service, students will learn how to take a full obstetrical, gynecological, sexual and contraceptive history and how to perform pregnancy options and contraceptive counseling. Hands on experience is integral to the rotation and students will be expected to learn how to perform surgical and medical abortions, how to insert intrauterine devices and contraceptive implants, and how to manage complications. Students will rotate at the North Shore Family Planning clinic, North Shore Hospital and Planned Parenthood in Hempstead. At the end of the rotation each student will present a 15 minute presentation on a topic of their choice.
4174	Obstetrics and Gynecology	EL Obstetrics and Gynecology: Minimally Invasive Gynecologic Surgery	NS		This elective, available from August through December, spans four weeks, during which time the student's time will be divided amongst minimally invasive surgical cases (both in the ambulatory and main operative room), the post-operative care of in-patients and the Laparoscopic Surgery Training Laboratory. Throughout the elective, the student will participate in the Ob/Gyn Residency didactic program, as well as the laparoscopic lecture series sponsored by the Section of Minimally Invasive Surgery in the Department of Surgery. It is expected that a brief presentation on an area of Minimally Invasive Surgery will be made at the conclusion of the rotation.
4368	Obstetrics and Gynecology	EL Obstetrics and Gynecology: Minimally Invasive Gynecologic Surgery SIUH	SIUH	North Campus and Prince's Bay Campus; 2 or 4 weeks	The goal of this rotation is to prepare you to enter into your OB/GYN residency with advanced clinical and surgical gynecological skills that will allow you to thrive in your future program. You will actively participate in every surgery in the capacity of an intern: as primary surgeon on office-based surgery cases, and as a first assist on hospital-based MIGS cases, all under my direct supervision.

4926	Obstetrics and Gynecology	EL Obstetrics and Gynecology: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.
4179	Obstetrics and Gynecology	EL Obstetrics and Gynecology: Reproductive Endocrinology	NS		This elective will permit students to spend four weeks on Reproductive Endocrinology. The student will participate in the diagnosis and treatment of infertility and other female reproductive tract disorders. The student will also be involved in office hours, the operating room, in-vitro fertilization procedures, journal clubs, and the Andrology and Embryology laboratories.
4971	Obstetrics and Gynecology	EL Obstetrics and Gynecology: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
<b>Occupational Medicine</b>					
4264	Occupational Medicine	EL Occupational Medicine: General	MLTPLS	Can be 2 or 4 weeks	This rotation will be an introduction to occupational medicine, including seeing patients at Northwell's employee health, Northwell's outpatient occupational medicine clinic and the World Trade Center Health Program. Each setting has a distinct patient population (Northwell employees at Employee Health, 9/11 First responders at the WTC clinic, etc.) The student will gain insight into the team based approach to occupational and environmental medicine and gain an understanding of obtaining an exposure history.
<b>Ophthalmology</b>					
4180	Ophthalmology	EL Ophthalmology: General	MEETH		The elective will give the student a comprehensive exposure to the field of ophthalmology not only as a specialty, but also its importance and relevance to all fields of medicine. The student will rotate with both anterior and posterior segment specialists in the office as well as in the operating room. History, exam, assessment, and plan will be emphasized. The student will receive an introductory book of ophthalmology at the beginning of the rotation for reading. The student will also attend our departmental Grand Rounds. The student will mostly work with attending physicians. A comprehensive presentation of a case which the student is involved in will be presented at the end of the rotation.

4122	Ophthalmology	EL Ophthalmology: General	600 Northern Blvd. Great Neck, NY		The elective will give the student a comprehensive exposure to the field of ophthalmology not only as a specialty, but also its importance and relevance to all fields of medicine. The student will be exposed to all sub-specialists in the outpatient setting as well as in the operating room. History, exam, assessment, and plan will be emphasized. The student will receive an introductory book of ophthalmology at the beginning of the rotation for reading. The student will also attend our departmental Grand Rounds. The student will work closely with our residents and attending physicians. Only 4th year medical students applying in ophthalmology can take this elective in the first 5 blocks at 600 N. Blvd or MEETH.
4919	Ophthalmology	EL Ophthalmology: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.
4902	Ophthalmology	EL Ophthalmology: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
<b>Orthopedic Surgery</b>					
4027	Orthopedic Surgery	AI Orthopedic Surgery: General	LHH		Student will act as a junior intern, assisting on surgical cases, seeing patients in clinic, and rounding on the floor. The student will assist with Emergency Department (ED) consultations. The student will report to the Chief resident daily, and will meet with Residency Program Director at least once during the rotation. The rotation usually has an active surgical component; the student will have opportunity to request specific surgical cases.
4018	Orthopedic Surgery	AI Orthopedic Surgery: General	LIJ		The student will act as a junior intern, assisting on surgical cases, seeing patients in clinic, and rounding on the floor. The student will assist with Emergency Department (ED) consultations. The student will attend teaching/educational sessions with residents, such as grand rounds and other educational conferences and seminars that may take place when the student is on the Orthopaedic service. The student will report to the Chief resident daily, and will meet with Residency Program Director, or his designee, at least once during the rotation. The rotation has an active surgical component; the student may have opportunity to request specific surgical cases. This rotation is available at LIJ, primarily, but may also include an experience at NSUH.



4084	Orthopedic Surgery	AI Orthopedic Surgery: General	HH VS		The student will act as a junior intern, assisting on surgical cases and rounding on inpatients. The student will assist residents with Emergency Department (ED) consultations. The student will attend teaching/educational sessions with residents, such as grand rounds and other educational conferences and seminars that may take place when the student is on the Orthopedic service. The student will report to the Chief resident daily, and will meet with Residency Program Director, or his designee, at least once during the rotation. The rotation has an active surgical component. Students will rotate at both Long Island Jewish Valley Stream and Huntington Hospitals.
4123	Orthopedic Surgery	EL Orthopedic Surgery: General	LHH		The student will act as a junior intern, assisting on surgical cases, seeing patients in clinic, and rounding on the floor. The student will assist with Emergency Department (ED) consultations. The student will report to the Chief resident daily, and will meet with Residency Program Director at least once during the rotation. The rotation usually has an active surgical component and the student will have an opportunity to request specific surgical cases.
4381	Orthopedic Surgery	EL Orthopedic Surgery: Joint Replacement and Sports Medicine	MLTPLS	2 or 4 weeks	This is a 2-4-week rotation in the field of Orthopaedic surgery and subspecialty of adult reconstruction, hip and knee joint replacement and sports medicine surgeries. Students will be able to learn about conservative as well as surgical management of hip, knee, shoulder, and ankle pain in patients older than 18 years of age. They will be able to understand importance of clinical examination to diagnose the medical condition of the patient, proper use of radiological imaging to aid in diagnosis and formulating the treatment plan. Students will be able to come in office, operating room and round on admitted patients in the hospital. They will be able to learn about hip and knee replacement surgeries, primary and complex revision surgeries, and sports medicine surgeries like anterior cruciate ligament repair or reconstruction, meniscal repair or meniscectomy, shoulder rotator cuff repair, shoulder and hip labral repair. Students will have a chance to learn the continuation of care from office evaluation through surgical procedure to post-op follow-ups. The students will have also chance of learning about robotic hip and knee replacement surgeries and use of computer navigational devices during complex hip and knee surgeries.
4916	Orthopedic Surgery	EL Orthopedic Surgery: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks for review.

4380	Orthopedic Surgery	EL Orthopedic Surgery: Spine Surgery	MLTPLS	2 or 4 weeks	The orthopedic surgery elective is a 2 to 4 week clinical experience designed to offer third and fourth year medical students exposure to orthopedic spine surgery. Students will be educated on the diagnostic modalities, conservative treatments, and operative management of a wide array of spine pathology including spinal stenosis, disc degeneration, spondylolisthesis, scoliosis, and myelopathy, to name a few. Students will work closely with selected orthopedic faculty to learn how to properly address the aforementioned concerns in the spine population. Students will be expected to attend and participate in departmental and inter-departmental meetings, conferences, and presentations. During these gatherings, orthopedic surgeons from various subspecialties will be presenting important cases and advancements in their fields. Students will also work closely with the orthopedic residents to gain exposure of their responsibilities and weekly schedules. The goal of this rotation is for students to gain understanding of an orthopedic spine surgeon's role in both operative and non-operative care, the importance of patient centered care, and maintaining a high level of professionalism and respect for both colleagues and patients. Students will also be given reading material on current orthopedic spine research so that they may be well-versed in new developments in the field. Lastly, students should be prepared to give a presentation to the attending and orthopedic staff members on an interest in case they encounter during their rotation.
4972	Orthopedic Surgery	EL Orthopedic Surgery: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
<b>Otolaryngology</b>					
4070	Otolaryngology	AI Otolaryngology: General	LIJ/LHH-MEETH		All students in this elective will participate in the care of non-surgical (office) and surgical patients. For surgical patients there will be an emphasis on continuity of care with the attempt of seeing patients pre-op, assisting with their surgery, and then helping to care for them in the post-op setting. Students will round in the morning with the residents in order to learn about managing the post-operative ENT patients. Students will learn the head and neck examination, see consults and perform flexible fiberoptic laryngoscopies. Students will participate in the many weekly didactic sessions within the Department including Grand Rounds, M&M, and tumor board. The rotation will be an introduction to Otolaryngology; for students interested in applying to ENT residency they will be able to function like an intern (sub-I).

4917	Otolaryngology	EL Otolaryngology: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.
4979	Otolaryngology	EL Otolaryngology: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
<b>Pathology and Laboratory Medicine</b>					
4182	Pathology and Laboratory Medicine	EL Pathology and Laboratory Medicine: Clinical Pathology	2200 Northern Blvd, Suite 104, Greenvale NY 11548		This 4 week rotation will provide the student with in-depth knowledge of clinical pathology and the role the clinical pathologist plays in patient management. The student will have the opportunity to engage in all facets of the clinical laboratory, including, but not limited to, defining and interpreting laboratory tests (rotating in chemistry, microbiology, hematology, molecular pathology, and cytogenetics laboratories), participation in blood bank/transfusion medicine consult service, and overview of informatics and laboratory management. Special consideration will be given to students who wish to focus on a subspecialty of interest. The student will work with pathology residents, fellows, and faculty members. Time commitment: 1 month, Monday to Friday 8am – 5pm; no call duties. Oral presentation at the end of the rotation is a requirement. Prerequisite: Introduction to Anatomic and Clinical Pathology.
4251	Pathology and Laboratory Medicine	EL Pathology: General	LHH	Can be 2 or 4 weeks	During the rotation, the student will shadow the residents during their daily activities in the pathology gross room, including gross examination and description of surgical pathology specimens, selection of tissues for histologic examination, and participation in intraoperative diagnosis (frozen sections). The student will preview diagnostic slides with the resident in preparation for final sign-out and learn how a diagnosis is formulated and which elements are required for synoptic reporting. The student will become familiar with basic tissue staining procedures, as well as special stains used for diagnostic purposes and prognostication, and how they are applied during work-up of cases. During the rotation the student will attend a minimum of 2 hours of weekly didactic pathology teaching conferences provided by the pathology teaching staff, daily intradepartmental QA conferences, and multidisciplinary tumor boards prepared and presented by pathology residents and staff.

4183	Pathology and Laboratory Medicine	EL Pathology and Laboratory Medicine: Introduction to Anatomic and Clinical Pathology	2200 Northern Blvd, Suite 104, Greenvale NY 11548		This 4 week rotation will provide the student with an overview of anatomic and clinical pathology. The student will have the opportunity to engage in all areas of anatomic and clinical pathology, structured on a weekly schedule: Week 1 – Autopsy, pediatric pathology, frozen sections; Week 2 – Surgical pathology signout; Week 3 – Hematopathology and surgical pathology; Week 4: Blood bank/transfusion medicine, molecular pathology, cytogenetics. The student will have the opportunity to engage in all areas of pathology, including, but not limited to, processing of specimens, daily sign outs at the microscope, research activities, and participation in interdisciplinary conferences and tumor boards. The student will work with pathology residents, fellows, and faculty members. Time commitment: 1 month, Monday to Friday 8am – 5pm; no call duties. Oral presentation at the end of the rotation is a requirement.
4929	Pathology and Laboratory Medicine	EL Pathology and Laboratory Medicine: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.
4980	Pathology and Laboratory Medicine	EL Pathology and Laboratory Medicine: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
4147	Pathology and Laboratory Medicine	EL Pathology and Laboratory Medicine: Surgical Pathology	2200 Northern Blvd, Suite 104, Greenvale NY 11548		This 4 week rotation will provide the student with in-depth knowledge of surgical pathology and the role the pathologist plays in patient management. The student will have the opportunity to engage in all facets of the pathology laboratory, including, but not limited to, processing of specimens, daily sign out at the microscope, research activities, and participation in interdisciplinary conferences and tumor boards. Special consideration will be given to students who wish to focus on a subspecialty of interest. The student will work with pathology residents, fellows, and faculty members. Time commitment: 1 month, Monday to Friday 8am – 5pm; no call duties. Oral presentation at the end of the rotation is a requirement. Prerequisite: Introduction to Anatomic and Clinical Pathology.
<b>Pediatrics</b>					

4013	Pediatrics	AI Pediatrics: Critical Care	CCMC	Acting Interns will be fully integrated into one of two teams in the Pediatric Intensive Care Unit. They will carry out the same responsibilities as the residents, actively caring for patients from the time of admission to discharge. Acting interns will serve as front line care providers for their patients: writing admission history and physicals as well as orders, presenting these patients on daily rounds with the Attending, facilitating continued medical workup, monitoring and charting daily progress, formulating and implementing management plans as part of the team, and arranging for discharge and follow-up plans. The PICU Acting Internship helps prepare students to become competent clinicians and compassionate care providers in a more acute setting by providing hands-on experience through direct patient care with multiple opportunities for clinical problem-solving and counseling of patients and families.
4023	Pediatrics	AI Pediatrics: Emergency Medicine	CCMC	Acting interns will be fully integrated into the medical team in the pediatric emergency department. They will carry out the same responsibilities as our residents; actively caring for patients from the time they enter the children's emergency department up until admission into the children's hospital or discharge. Acting interns will serve as care providers for their patients: obtaining a history, deciding on and formulating a plan of management, presenting these patients to the Fellows and Attending's, facilitating the medical workup including required procedures, monitoring patient progress, contacting and discussing the patient with the appropriate consultation services, and arranging for patient discharge, follow-up, or admission.
4012	Pediatrics	AI Pediatrics: General	CCMC	Acting interns will be fully integrated into the medical team on one of our three inpatient medical-surgical units. They will carry out the same responsibilities as our interns, actively caring for patients from the time of admission to discharge. Acting interns will serve as front line care providers for their patients: writing admission history and physicals as well as orders, presenting these patients on our daily Family Centered Rounds with the Attending, facilitating continued medical workup, monitoring and charting daily progress, formulating and implementing management plans as part of the team, and arranging for discharge and follow-up plans.

4014	Pediatrics	AI Pediatrics: Neonatal Critical Care	CCMC	<p>The NICU AI offers an intensive experience in the management of premature and sick term neonates. The rotation emphasizes delivery room attendance of high risk deliveries and newborn resuscitation skills, and daily management of common newborn problems. The AI will be assigned to care for 2-4 critically ill newborn infants and report directly to neonatal fellow and attending. The AI is expected to take primary care giver role for their patients by pre-rounding, examining and presenting their patients during daily work rounds, planning daily management and discharge planning as part of multidisciplinary team. The students will gain experience in being part of neonatal resuscitation team, initial stabilization of sick and premature neonates as well as observing and learning skills such as vein/arterial punctures, lumbar puncture, catheterization, endotracheal intubation, umbilical and central venous line placement. The AI is expected to attend didactic educational programs and prepare 15 minute presentation for the neonatal team bases on patient pathophysiology encountered. This rotation is available at Cohen’s Children’s Medical Center as primary site.</p>
4065	Pediatrics	AI Pediatrics: Hematology Oncology	CCMC	<p>The student will have a longitudinal experience in Pediatric Hematology/Oncology, selecting between 4 weeks on the inpatient oncology service and 4 weeks on the inpatient hematology and consult service. Most patients have chronic, multi-system disease requiring complex, methodical diagnosis and management skills. Students will take primary responsibility for their own patients including presenting them on rounds, demonstrating physical exam at the bedside with the team, communicating with the patient, actively participating in decision-making and coordinating care. In addition to the attending on service for the week, each student will meet with a mid-level or senior attending physician 3 times a week for case-based teaching regarding their patients and others to learn pathophysiology, genetics/genomics and management of pediatric hematology and oncology diseases. The student will also meet with the chief of Pediatric of Hematology Oncology at least once during their month.</p>

4159	Pediatrics	EL Pediatrics: Adolescent Medicine	CCMC		The objective of this elective is to offer the student a broad educational experience in Adolescent Medicine, providing the student with the basic knowledge and skills required to care for patients at this important developmental stage within Pediatrics. Students will gain an understanding of the primary medical diagnoses and dilemmas of adolescent patients. They will play an intricate role in the health care team and receive exposure to both in-patient and out-patient services. In addition, they will be expected to participate in all aspects of patient care, team meetings, and conferences.
4125	Pediatrics	EL Pediatrics: Allergy Immunology	865 Northern Blvd. Great Neck, NY		Fourth year medical students rotating for a minimum of 3-4 weeks in the Division of Allergy and Immunology will attend clinics for children and adults with asthma, atopic diseases including but not limited to allergic rhinitis, eczema, food allergy, drug allergy, stinging insect allergy, and others with primary and secondary immunodeficiency, including but not limited to severe combined immunodeficiency, common variable immunodeficiency, X-linked agammaglobulinemia, IgA deficiency, IgG subclass deficiency, functional antibody deficiency, and pediatric/adolescent HIV infection. This rotation occurs at 865 Northern Blvd. Great Neck, NY.
4157	Pediatrics	EL Pediatrics: Ambulatory Pediatrics	410 Lakeville Rd. Outpatient Facility		Students are offered a broad educational experience in outpatient General Pediatrics and Well Newborn Nursery. They will play an intricate role in the health care team. They will be expected to participate in all aspects of patient care and are expected to attend clinical and grand round conferences. This rotation occurs at the 410 Lakeville Rd. Outpatient Facility.
4160	Pediatrics	EL Pediatrics: Cardiology	CCMC		Students are exposed to a range of congenital and acquired cardiac diseases in infants, children, adolescents and young adults. The objective of the elective is to provide the student with a basic understanding of pathophysiology, diagnosis and management of common forms of cardiac disease in children. Students will participate in daily teaching rounds, attend pediatric cardiac outpatient clinics, observe non-invasive procedures (echocardiography, electrocardiography, ambulatory rhythm monitoring, and exercise testing) and invasive diagnostic and therapeutic procedures (diagnostic and interventional catheterization and electrophysiology studies and ablations). This will be achieved by dividing the rotation into three "in-patient" sub-rotations: Consult Service, PICU Service, and Cath Lab Observation. Activities will be supplemented by "teaching clinics" to provide exposure to ambulatory pediatric cardiology.

4156	Pediatrics	EL Pediatrics: Chronic Pediatric Care	SMH		This elective is designed to give students exposure to pediatric complex medical care including use of ventilators , tracheostomies and gastrostomies; palliative care and rehabilitation issues. Through this experience, the student will expand their physical diagnostic and assessment skills of children with special health care needs. This rotation will occur at St. Mary's Hospital, Bayside.
4161	Pediatrics	EL Pediatrics: Cardiovascular and Thoracic Surgery	CCMC		This elective is primarily observational in the operating room, but we strive to provide exposure to the evaluation and management as well, and when time permits, to expose the student to the whole continuum of cardiac care in children from diagnostic testing to catheter and EP intervention, to surgery. This elective offers the rare opportunity to obtain direct operative experience for CT surgery in small babies.
4200	Pediatrics	EL Pediatrics: Development and Behavioral Pediatrics	CCMC		Student will participate in the evaluation of infants, toddlers, and preschoolers with suspected delays in cognitive, language, social or motor development and of school-aged (K-12) children and adolescents who are experiencing problems of school performance, including attention problems. Student will learn how to assess premature and at-risk term babies for early signs of developmental delay and/or motor impairment. Students will also learn about available interventions and therapies for children's with learning disorders. This will involve some visits to school and programs on Long Island in which children with developmental disability are enrolled.
4162	Pediatrics	EL Pediatrics: Endocrinology	1991 Marcus Ave. Lake Success Facility		In this predominantly outpatient elective, students are exposed to a broad range of congenital and acquired endocrine diseases in infants, children and adolescents. The main objective of the elective rotation is to provide the student with an overview in the diagnosis and management of pediatric endocrine disorders through participation in all clinical activities of the pediatric endocrine service, including daily endocrine and diabetes clinics. Students will also be expected to round on all in-patients and perform consultations with or without the fellows under the supervision of the attending pediatric endocrinologists. Attendance at divisional conferences will be required. Topics will be assigned for presentation and discussion. This rotation occurs at the 1991 Marcus Ave. Lake Success Facility.



4378	Pediatrics	EL Pediatrics: Foundations of Global Health through the Lens of a Pandemic	Virtual	<p>Foundations of Global health Through the Lens of a Pandemic" is a 4-week virtual experience designed to introduce third and fourth year medical students to a topic very relevant at this time and an important topic in global health--pandemics. Throughout the elective, the question: "does history repeat itself?" will be explored. This elective is designed to better understand the history and evolution of pandemics, increase exposure to and discuss ethical dilemmas that impact patient care, healthcare, and public health, and explore social determinants of health and health disparities as it relates to the current COVID pandemic. Students will participate in virtual debriefs with Pediatric global health faculty and pediatric residents to discuss independent learning material. Students will also have the opportunity to engage in collaborative conference with our partner sites. There will be synchronous conferences.</p>
4163	Pediatrics	EL Pediatrics: Gastroenterology	1991 Marcus Ave. Lake Success Facility	<p>An intimate knowledge of gastroenterology is a critical part of being a pediatrician. There are a wide variety of general GI, Liver, and nutritional problems that are commonly encountered by a general pediatrician such as constipation, diarrhea, feeding issues, failure to thrive, jaundice, vomiting and abdominal pain. In addition, there are many children with chronic gastrointestinal problems such as IBD, celiac, hepatitis and feeding difficulties who will have a continuing relationship with their primary physician so it is important to understand the course of their illnesses, treatment and medication side effects. This rotation occurs at the 1991 Marcus Ave. Lake Success Facility.</p>
4144	Pediatrics	EL Pediatrics: Hematology Oncology	CCMC	<p>This elective will introduce the student to the breadth of Pediatric Hematology/Oncology and Stem Cell Transplantation. Basic physiology and pathophysiology of hematopoiesis and oncogenesis will be discussed. Diagnosis and management of common hematologic and oncologic diseases will be reviewed in a case-based context during clinic sessions. Students will attend several specialty clinics such as Hemophilia clinic, Survivorship Clinic, Brain Tumor Clinic, and Sickle Cell clinic. While mostly out-patient based, the student will also join inpatient rounds to complement the out-patient experience.</p>

4164	Pediatrics	EL Pediatrics: Infectious Diseases	CCMC		Students are exposed to a wide range of infectious diseases in infants, children and adolescents. The main objective of the elective rotation is to provide the student with a basic understanding of pathophysiology, differential diagnosis, diagnosis, and management of common infectious diseases in children. Students will participate in daily teaching rounds and attend pediatric infectious diseases outpatient clinics.
4364	Pediatrics	EL Pediatrics: Neonatal and Pediatric Critical Care Transport	CCMC	2 weeks	<p>Critically ill or injured neonates and children often require inter-facility transport to receive definitive care. The Neonatal and Pediatric Critical Care Transport team at Cohen Children's Medical Center (CCMC) is the most advanced team of its' kind in the region. Capable of transferring micro-preemies on inhaled nitrogen via high frequency jet ventilator, children requiring Extracorporeal Membrane Oxygenation, and those with serious traumatic injuries, the Transport Team cares for a broad spectrum of ill and injured children.</p> <p>During the Transport elective, you will be a part of a highly specialized team caring for children in the dynamic inter-facility setting, including opportunities to fly with the Sky Health team and ride along with the Northwell Center for EMS. Rotators will work hand in hand with Critical Care Paramedics, Neonatal and Critical Care Fellows, and critical care transport nurses. Exciting and challenging, the Transport elective offers rotators the unique opportunity to experience the challenges of critical care transport medicine and to be exposed to protocol development, quality improvement measures and transport team leadership.</p>
4126	Pediatrics	EL Pediatrics: Nephrology	CCMC		Students are exposed to the entire range of congenital and acquired digestive disease in infants, children, and young adults. The main objective of the elective rotation is to provide the student with a basic understanding of pathophysiology, diagnosis and management of common forms of kidney disease in children. The student will participate in daily inpatient consults and rounds, attend pediatric outpatient clinics, and observe procedures such as renal biopsy.

4165	Pediatrics	EL Pediatrics: Neurology	CCMC	<p>The student will participate in the diagnostic work-up and ongoing care of patients with a variety of nervous system disorders. The out-patient clinics offer the students exposure to seizure disorders, headaches, neuromuscular disorders, mental retardation, learning disabilities and rehabilitation, as well as less common conditions. The in-patient experience provides the opportunity to investigate the more seriously ill or complicated patients and to learn about neurodiagnostic procedures such as electroencephalography (EEG), evoked potentials, vestibular testing, CT Scan and MRI. The student will learn to elicit a complete history, perform a detailed neurological examination and formulate a differential diagnosis and management plan. Daily teaching rounds are held and weekly conferences in Neurology, Neuroradiology, Neuropathology, and EEG. The student is expected to attend and prepare for conferences and learn to perform basic diagnostic procedures such as lumbar puncture.</p>
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4376	Pediatrics	EL Pediatrics: Pediatric Neurosurgery	CCMC/LIJ	2 weeks	<p>This elective is a focused learning experience for those students who have an interest in the pediatric neurosciences. It involves in-depth exposure to all aspects of clinical pediatric neurosurgery. The main site of participation would be Cohens Childrens Medical Center (CCMC). It is a nationally ranked Children's Hospital with more than 200 beds, including pediatric and neonatal intensive care units, free standing pediatric operating rooms and a pediatric neuroscience care unit. The student will also be involved in preoperative and postoperative case in our divisional pediatric neurosurgical clinic next door to CCMC. During this elective the student will be an integral team member on the pediatric neurosurgical service. They will be working intimately with attendings, a third-year neurosurgical resident, nurse practitioners and physician assistants. They will be involved in the preoperative and postoperative assessment and management of often critically ill children. The student will also be involved in the operative care by way of observation. By nature of the proximity and shared infrastructure additional exposure to adult patients at LIJMC will round out the experience and highlight the unique nature of this pediatric subspecialty. Clinical exposure will include hydrocephalus, brain and spinal cord tumors, head injury, craniofacial malformations, chiari malformations, spinal dysraphism both open and closed, vascular malformation, epilepsy, and spasticity. The student will be exposed to advanced techniques in neuroendoscopy, minimally invasive neurosurgery, image guidance and robotic surgery, The rotation will include didactic exposure to weekly pediatric brain tumor board and pediatric epilepsy conference. Weekly neurosurgical grand rounds and monthly pediatric neurosurgery grand rounds, pediatric neurology rounds and pediatric neurointensive care rounds are also provided to broaden the student's exposure. Overall, this would be an immersive experience into the world of pediatric neurosurgery with exceptionally broad exposure to a myriad of neurologic disorders which occur in childhood.</p>
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4252	Pediatrics	EL Pediatrics: Palliative Care	CCMC	Can be 2 or 4 weeks	The student will be exposed to children throughout the hospital who are living with potentially life limiting diseases. The main objectives of the rotation are to provide the student with an understanding of the specialty of Palliative Medicine and what it offers to children and families. The student will be exposed to conversations with families about difficult topics, including family meeting to break bad news or discuss end of life issues. The student will participate in daily rounds and consults directly with the attending and chaplain on the palliative care team, attend interdisciplinary rounds, work directly with a child life specialist during patient sessions and spend time with a pediatric social worker.
4912	Pediatrics	EL Pediatrics: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.
4903	Pediatrics	EL Pediatrics: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
4127	Pediatrics	EL Pediatrics: Rheumatology	1991 Marcus Ave. Lake Success Facility		The subspecialty of rheumatology includes a wide array of inflammatory, noninflammatory, and degenerative diseases that affect the musculoskeletal and other organ systems. Students will be exposed to the entire rheumatologic diseases in children and young adults. It combines the experience in outpatient rheumatology clinics with inpatient consults directed by the attending on service. The main objective of this elective rotation is to provide a concentrated exposure and a basic understanding of pathophysiology, diagnosis and management of commonly encountered rheumatic diseases in children. Students will participate in daily inpatient rounds, attend pediatric Rheumatology outpatient clinics, and observe procedures such as intraarticular steroid injections. This rotation occurs at the 1991 Marcus Ave. Lake Success Facility.
4128	Pediatrics	EL Pediatrics: Surgery	CCMC		This elective is primarily observational in the operating room, but we strive to provide exposure to the evaluation and management as well, and when time permits, to expose the student to the whole continuum of cardiac care in children from diagnostic testing to catheter and EP intervention, to surgery. This elective offers the rare opportunity to obtain direct operative experience for CT surgery in small babies.
<b>Physical Medicine and Rehabilitation</b>					

4031	Physical Medicine and Rehabilitation	AI Physical Medicine and Rehabilitation: General	GCH		The Acting Internship in Physical Medicine and Rehabilitation (PM&R) is geared to fourth year medical students planning to enter the field and is designed to introduce the student to a typical inpatient rotation. The experience will be 4 weeks in duration and take place at Glen Cove Hospital. The student will join the inpatient rehabilitation team under the direction of a psychiatrist and will have a small group of patients for whom they will be responsible and act as a junior intern. Duties include inpatient admissions, daily bedside rounds, participating in team conferences, and attending quality and educational conferences. The AI includes a modified "on call" experience.
4129	Physical Medicine and Rehabilitation	EL Physical Medicine and Rehabilitation: General	GCH 1554 Northern Blvd.		Students will be exposed to the wide range of experiences in Physical Medicine and Rehabilitation by participating actively in the care of patients under the close supervision of residents and attendings in both the inpatient and outpatient settings.
4923	Physical Medicine and Rehabilitation	EL Physical Medicine and Rehabilitaion: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.
4906	Physical Medicine and Rehabilitation	EL Physical Medicine and Rehabilitation: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
4210	Physical Medicine and Rehabilitation	EL Physical Medicine and Rehabilitation: Spine	Manhasset and Great Neck outpatient offices		Medical Students will learn about non-invasive as well as invasive treatment of spine disorders. (Please note: 1. Space is very limited and will be accommodated based on first come first serve basis and availability of attendings. 2. Please make sure to select an alternate option in case Spine elective isn't available)
<b>Psychiatry</b>					
4020	Psychiatry	AI Psychiatry: Inpatient Psychiatry	ZHH		During this sub-internship, the medical student rotates on one of the inpatient service units and has primary responsibility for the care of assigned cases. This includes the history and physical, psychiatric examination, laboratory evaluation, diagnostic assessment, biopsychosocial formulation, and treatment plan for admitted patients. The student receives individual supervision from an attending physician and may also work alongside junior and senior residents. It is expected that the sub-intern will contribute to the teaching of ACE students on their service and will participate in any relevant case conferences or didactic seminars with the residents.

4185	Psychiatry	EL Psychiatry: Adult Emergency Psychiatry	LIJ	<p>During this rotation, students will learn how to evaluate patients who present to the emergency room with acute psychiatric complaints. Students will perform initial assessments with the treatment team, and learn emergency psychiatry core skills e.g. triage, risk assessment, management of agitation, crisis intervention, handling substance use disorders, clinical decision-making. Students will also become familiar with the unique challenges of working in the emergency setting, including legal considerations. Students will be scheduled for three 12-hour shifts per week, with student requests honored as possible but within the constraints of teaching faculty availability.</p>
4284	Psychiatry	EL Psychiatry: Ambulatory Psychiatry	ZHH	<p>The student on this rotation will have experiences in ambulatory psychiatry, primarily in the Adult Outpatient Psychiatry Department (AOPD) and Partial Hospitalization Program (PHP) at Zucker Hillside Hospital. The student will observe and participate in the evaluation and management of patients with chronic and serious mental illness, both patients who are in transition from an acute level of care and patients who are stable in the community. Treatment, rehabilitation, and other services are delivered in this setting by interdisciplinary teams, and the student will have opportunities to interact with various professionals, such as psychologists, social workers, counselors, and peer advocates. The rotation will feature experiences in four domains: intake appointments for patients discharged from inpatient units or referred from the community, pharmacotherapy follow-ups ("medication management") for both acute and chronic patients, psychosocial interventions such as psychotherapy and rehabilitation, and chronic care for patients with serious mental illness that includes treatments for refractory psychosis and the medical monitoring required for such. There may be the possibility of conducting telehealth from a suitable remote location, but the student should be prepared to report to ZHH during Monday-Friday. Students requests for specific services or types of experiences will be honored if faculty availability permits.</p>
4186	Psychiatry	EL Psychiatry: Behavioral Neurology	ZHH	<p>Students participating in this elective work with the Zucker Hillside Hospital neurologist as a consult service to the psychiatric hospital. Students will be evaluating psychiatric patients on the inpatient and outpatient services who have co-morbid neurologic presentations. By the end of the rotation, students will be adept at the nuances of the full neurologic examination, will be able to appreciate the interactions and interfaces between psychiatric and neurologic disorders, and will be taught how to differentiate between psychiatric and neurologic conditions.</p>

4294	Psychiatry	EL Psychiatry: C-L and ER Psychiatry	Mather	<p>This rotation is appropriate not only for future psychiatrists but also for future physicians of any specialty who want experience in identifying and managing psychiatric problems in a general hospital setting. Consultation-Liaison (C/L) Psychiatry (also known as Psychosomatic Medicine) is a subspecialty of psychiatry that focuses on the care of patients with comorbid psychiatric and general medical conditions. The “liaison” component of the work is essential, as the C/L psychiatrist often facilitates communication, education, and collaboration between the various healthcare providers and the patient, particularly when issues arise related to ethics or consent. This rotation involves joining a busy community C/L psychiatry service. Students will evaluate patients as part of a team with attendings, and psychiatry residents, with autonomy increasing based on student skill and comfort. The medical student will be acting as a consultant while working on the psychiatry Emergency Department rotation. The student will round on patients that have a disposition and awaiting a bed within the hospital; while following the role of the social worker evaluating patients for standing or PRN medications. Based upon their assessment, the medical student will discuss their recommendations with the senior psychiatry resident and the psychiatry attending in the Emergency Department.</p>
4130	Psychiatry	EL Psychiatry: Child and Adolescent Consultation- Liaison Psychiatry	ZHH	<p>During this rotation, student will learn how to assess children and adolescents who require psychiatric evaluation while hospitalized in the children’s hospital. Students will become familiar with the common presenting diagnoses, their complete evaluation, and the resources available for their management. Students will also gain appreciation for the unique challenges of working with this population in the medical hospital setting. Students may also spend time with psychiatrists while they see children in the outpatient setting for initial intakes and follow-up visits.</p>



4188	Psychiatry	EL Psychiatry: Consultation-Liaison Psychiatry	NSLIJ		<p>This rotation is appropriate not only for future psychiatrists but also for future physicians of any specialty who want experience in identifying and managing psychiatric problems in a general hospital setting. Consultation-Liaison (C/L) Psychiatry (also known as Psychosomatic Medicine) is a subspecialty of psychiatry that focuses on the care of patients with comorbid psychiatric and general medical conditions. The "liaison" component of the work is essential, as the C/L psychiatrist often facilitates communication, education, and collaboration between the various healthcare providers and the patient, particularly when issues arise related to ethics or consent. This rotation involves joining a busy academic C/L psychiatry service. Students will evaluate patients as part of a team with attendings, C/L fellows, and psychiatry residents, with autonomy increasing based on student skill and comfort. The student will participate in teaching rounds, weekly case conference, and department Grand Rounds. Students may express a preference, which will be accommodated if possible, for one of two excellent sites. The C/L service at LIJMC features a unique integrated medical-psychiatric unit (6 North) and access to ECT for medically hospitalized patients. The C/L service at NSUH features consultation coverage to the emergency department (in addition to medical/surgical units) as well as patient evaluations for the palliative care and kidney transplantation services.</p>
4244	Psychiatry	EL Psychiatry: Eating Disorders	LIJ	Can be 2 or 4 weeks	<p>Students will learn the basics of diagnosing, assessing, and treating eating disorders, including, but not limited to, anorexia and bulimia nervosa, while working with the Eating Disorders service at CCMC. The students will also have opportunity to be involved in the treatment of children and adolescents with eating disorders admitted to the inpatient adolescent medical unit. Additionally, they will participate in all group, individual, and milieu activities in the program, including interdisciplinary team meetings and meals, and will observe intakes, family, and multi-family meetings.</p>

4267	Psychiatry	EL Psychiatry: Emergency Telepsychiatry	560 Lexington Avenue, 12th Floor, New York, NY 10022		<p>This rotation offers a unique opportunity to work in a multi-specialty academic “Virtual Hospital” on an interdisciplinary Behavioral Health service consisting of Child Psychiatrists, Consult Psychiatrists, Emergency Psychiatrists, Social Workers, and logisticians. The service provides over 10,000 consultations and admissions per year to 17 emergency departments, 6 general hospitals (medical, surgical, obstetric floors), and 6 inpatient psychiatry units. Begun in 2014 as an internal pilot, the service has evolved into a flagship entrepreneurial venture that delivers exceptional patient care 24/7 to Northwell and non-Northwell customers across the 5 NYC boroughs, Long Island, and Westchester. Clinical Schedule: Trainees will have four 12 hour shifts per two weeks, a combination of days (8:30-20:30) and nights (20:30-8:30), by arrangement with elective director.</p>
4256	Psychiatry	EL Psychiatry: General	SIUH		<p>Students rotating through the Department of Psychiatry will experience 2 weeks on the Consult and Liaison Service at the North Campus (475 Seaview Avenue) and 2 weeks of Inpatient Psychiatry at the South Campus (375 Seguine Avenue). On the Inpatient Psychiatry Unit, the medical students will receive a supervised clinical experience in which they learn and develop competence in the assessment and management of patients with a broad range of major psychiatric and substance abuse disorders. They will get experience in managing patients with mental illness and coordinating the treatment within a multidisciplinary treatment model.</p> <p>The Consult and Liaison Service will provide a structured, supervised clinical experience in which the medical student will acquire the competent ability to identify and intervene with respect to relevant psychosomatic problems among patients in the medical/surgical services. The medical student will develop skills in assessing mental status in an emergency setting and understand the process of inpatient hospitalization, including treatment over objection, and the fundamentals of initial inpatient treatment planning.</p>

4189	Psychiatry	EL Psychiatry: Geriatric Psychiatry	ZHH	<p>As the population of the United States grows older, the need for geriatric specialists also continues to rise. Students can participate in a variety of clinical settings during this rotation, including a geriatric psychiatry inpatient unit, a comprehensive geropsychiatry outpatient clinic, and a geriatric psychiatric partial hospital. During the rotation, students will gain insight into the unique challenges of working with this population, including managing the combination of medical and psychiatric illnesses, challenges in prescribing medications, and the psychosocial issues related to the geriatric population. Students may also have the opportunity to observe electro-convulsive therapy (ECT) as part of their patient's treatment plan.</p>
4365	Psychiatry	EL Psychiatry: Interventional Psychiatry and Neuromodulation	ZHH	<p>This elective provides medical students with a comprehensive experience in the clinical utilization of interventional and neuromodulatory treatment options in psychiatry. Primarily this will occur in the context of treatment-resistant depression (TRD) consultations. Students will learn how to perform a TRD evaluation, as well as how to determine patient appropriateness for ECT, TMS, and IV Ketamine. Additionally, students will learn how to evaluate treatment efficacy, manage side effects during an acute course, and counsel patients regarding evidence-based follow-up care. Self-guided study will supplement the clinical experiences, with the option of participating in an ongoing research project.</p>

4285	Psychiatry	EL Psychiatry: Pediatric Behavioral Health Urgent Care	CCMC	Can be 2 or 4 weeks	The Pediatric Emergency Psychiatry Service at CCMC, consisting of the Behavioral Health Emergency Psychiatry Service within the CCMC ED and the Behavioral Health Urgent Care Service within the CCMC Urgent Care, conducts amongst the largest number of pediatric emergency psychiatry patient visits in the tristate region. Our patient population is diverse culturally, diagnostically, and socioeconomically. The Pediatric Behavioral Health Urgent Care at CCMC is a unique ambulatory crisis service that provides rapid access to psychiatric evaluation and treatment in a safe, humane, and dignified environment for patients and their families. We provide psychiatric evaluations, make diagnoses, initiate treatment, and help the patient and family connect with the recommended level of care, often successfully diverting patients from emergency and acute care settings. We work closely with schools, pediatricians, community mental health providers to accurately assess our patients' needs and link them to definitive care. We serve patients with medical and substance related comorbidities. Our sites are heavily engaged with performance improvement projects (DSRIP, IHI Learning Collaborative) and there is ample opportunity to be involved in academic, quality, administrative activities. Students will participate in evaluation and treatment of pediatric patients with psychiatric concerns in the Urgent Care and related settings.
4914	Psychiatry	EL Psychiatry: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.
4133	Psychiatry	EL Psychiatry: Psychotherapeutic Modalities	ZHH		Students will become acquainted with a variety of psychotherapies, including psychodynamic psychotherapy (both long and short term), cognitive behavioral therapy, and interpersonal psychotherapy. Intake evaluations, biopsychosocial formulations, and implementation of initial treatment plans will provide the core of the clinical experience. Weekly individual meetings between the student and core faculty member comprise the supervisory component of the rotation. Didactics will include participation in psychotherapy classes and case conferences, as well as individual reading. Please note that, due to the nature of psychotherapy, this will primarily be an observational experience. The students will observe resident psychotherapy intakes and will attend resident supervision sessions in various modalities, during which videotaped therapy sessions will be reviewed. The student will have independent study time allotted for the completion of a small academic project involving ethics in psychotherapy; this project will also integrate the medical humanities in the learning experience.

4981	Psychiatry	EL Psychiatry: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
4297	Psychiatry	EL Psychiatry: Unlocked: Stories of Public Mental Health Care	N/A	Online Course 4 Weeks	Appropriate for future doctors of any specialty, this non-clinical elective explores the history of public psychiatry (particularly the shift away from asylums), the ethics of compulsion in treatment, and the patient experience of treatment and recovery. The course materials draw heavily on an educational website Unlocked: Stories of Public Mental Health Care that is based on a documentary film about Kings Park, a huge state asylum on Long Island. Beyond the film, the website contains hours of firsthand video narratives of former patients, hospital staff, and family members. The website will be accompanied by assigned articles to be discussed weekly with faculty, workshops with invited guest experts, a 1:1 patient interview, and significant time for self-guided learning and reflection. The final week will involve preparation and presentation of a capstone “deep dive” into a topic or question inspired by the material. Guest sessions and student capstones have featured diverse topics, such as: racism in psychiatry, the experience of psychiatry among particular cultural groups, the influence of health policy or economics on treatment, the role of unit architecture on the inpatient experience, and the interplay between clinical and legal factors in acute psychiatric interventions.
4259	Psychiatry	EL Psychiatry: Women's Behavioral Health Research	ZHH		Students will work on a team which is supervised by Dr. Kristina Deligiannidis, a clinical reproductive psychiatrist and neuroscientist, and will participate in the team’s grant-funded research studies. The clinical focus of the lab is perinatal depressive and anxiety disorders. The goals of the experience are to understand the clinical presentation and importance of perinatal depressive and anxiety disorders and to be introduced to clinical neuroscience research methods while obtaining collaborative skills in a multidisciplinary environment. Prior permission from Dr. Deligiannidis is required before requesting this elective.
<b>Radiation Medicine</b>					
4922	Radiation Medicine	EL Radiation Medicine: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.

4140	Radiation Medicine	EL Radiation Medicine: Radiation Oncology	NSLIJ		<p>The Department of Radiation Medicine Elective offers students the opportunity to learn more about the field of Radiation Oncology and participate in clinical care and didactics. Radiation Oncology is a field of medicine that uses therapeutic radiation to curatively treat or palliate malignant and benign diseases anywhere in the body for patients of all ages, including pediatrics. Radiation can be delivered externally using advanced technologies to focused areas in the body or internally through temporary or permanent placement of radioactive sources. Radiation Oncology is primarily an outpatient based specialty in which physicians participate in and manage the initial work-up, treatment, and follow-up care of their patients. During this rotation, each student is assigned to work with a single supervising attending physician for one week intervals and participate in all patient care assigned to that attending, with emphasis on diagnostic evaluation of new patients, treatment formulation, radiotherapy treatment planning, and on-treatment/post-treatment physical examination. Students will participate in all department conferences, core didactics, tumor boards, consultations, follow-ups, on-treatment visits, treatment planning, and receive introductory lectures to key aspects of Radiation Oncology. At the end of the rotation each student is required to give a 20-30 presentation on a clinical or research oncology topic of their choice.</p>
4907	Radiation Medicine	EL Radiation Medicine: Research	N/A		<p>Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.</p>
<b>Radiology</b>					

	4245 Radiology	EL Radiology: Advanced Hands-On Ultrasound Experience	NS		<p>The course is designed to offer advanced ultrasound training to medical students in the third and fourth year of training. The student will be incorporated into the clinical team and will be assigned to an attending physician daily to shadow and participate in ultrasound examination of patients. There are radiology fellows, radiology residents, sonographers on the team who will also serve as educational resources. The student will be expected to participate in all aspects of patient care with a focus on scanning. The rotation will include time in the ultrasound section of the radiology department, scanning patients and interpreting normal and abnormal anatomy. In the ultrasound department, the students will also have the opportunity to get involved in ultrasound guided biopsies. Students may also spend time in the interventional radiology department and learn to gain central venous and arterial access under ultrasound guidance. They will be expected to read about the clinical material and present cases on a regular basis, participate in patient care and ultimately, give a presentation to the attendings about an interesting case they encountered.</p>
4135	Radiology	EL Radiology: Diagnostic Radiology	LHH		<p>During the diagnostic radiology elective at LHH, students will be supervised by both radiology faculty and residents. The elective is flexible and the student will have the opportunity to rotate through all the sub-specialties of radiology, including abdominal, chest, interventional, musculoskeletal, neuroradiology, breast imaging and nuclear medicine and be exposed to all the modalities of the field, including x-ray, ultrasound, CT, and MRI. Students will be expected to attend the daily teaching sessions and daily noon resident conferences. Students on a 4 week rotation will make a short oral presentation on a topic of their choosing at the end of their rotation.</p>

4137	Radiology	EL Radiology: Diagnostic Radiology	NSLIJ		<p>In the Diagnostic Radiology Elective students will rotate through multiple subspecialty areas in the radiology departments at NSUH and LIJ. Students will primarily be working with the attending radiologist and residents on the service that he/she is assigned to. The experience will be supplemented by the student attending daily didactic conference given by attending staff and interdisciplinary conferences. Other resources, such as online learning files (eg Med-U), teaching files and unknown cases, may be employed. Each student will be responsible for giving a short oral presentation on a designated topic at the end of the rotation. By rotating through both North Shore and LIJ this elective will allow the student to experience the wide breadth of imaging procedures and disease processes encountered at both campuses. This elective is flexible in design, and can be customized to allow for greater exposure to a desired subspecialty, depending on the needs and desires of the student, and future career goals.</p>
4234	Radiology	EL Radiology: Diagnostic Radiology Shadowing	SIUH		<p>Students will shadow a Resident and Radiology Attending. We gear the elective to the student's interest. For instance, a student planning on becoming a Pediatrician will have the opportunity to spend one month on the Pediatric Radiology rotation. For those interested in a general overview of Radiology, the student will rotate through Cardio-Thoracic imaging, Body imaging, Ultrasound, Neuroradiology, MSK Radiology, Pediatrics, Nuclear Medicine, Mammography, and Interventional Radiology. These students will have one-on-one training opportunities, and the elective allows for a more individual approach to education. There are 2 resident conferences each day, which the student is required to attend. Research opportunities are available. Note: This elective is only available in September or March.</p>
4138	Radiology	EL Radiology: Interventional Radiology	NSLIJ	2 weeks between 10/19-11/15 or 2/22-3/21	<p>By having the student rotate through both NS and LIJ this elective will allow the student to experience the wide breadth of procedures and disease processes encountered at both campuses. Students will have the opportunity to become familiar with the indications, potential complications and technical aspects of angiography, image-guided biopsy, vascular access, percutaneous drainage and oncologic procedures, such as RD and cyroablation and Y-90 microsphere treatment.</p>



4269	Radiology	EL Radiology: Musculoskeletal Radiology	NS	Can be 2 or 4 weeks	The musculoskeletal imaging elective will allow the student to participate in the diagnosis and treatment of a wide variety of musculoskeletal pathology. The student will be embedded within the clinical team, shadowing the fellow and attendings at the PACS station, and aiding in the performance of the interventional procedures and ultrasound examinations. The focus will primarily be on trauma and infectious disease while working at NSUH. While the shift changes to a focus on sports imaging, rheumatology, and oncology at our outpatient imaging centers. The elective is designed for students interested in radiology, orthopedics, rheumatology, sports medicine, and physical medicine & rehabilitation.
4139	Radiology	EL Radiology: Neuroradiology	NSLIJ		The Neuroradiology elective will allow the students to experience a broad spectrum of Neuroradiology disease, with an emphasis on vascular disease at NSUH and an emphasis on Head and Neck and Pediatric Neuroradiology at LIJ. The students will be primarily working with the attending neurologist service. The experience will be supplemented by the student attending didactic conferences given by the Neuroradiology attending staff as well as interdisciplinary conferences. Other resources, such as online learning files (e.g. Med-U), teaching files and unknown cases, will likely be employed. The student may also be able to work in the Interventional Neuroradiology service while at the NSUH campus.
4918	Radiology	EL Radiology: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.

					<p>The Radiology in Breast Cancer Care Elective is a 2-4 week clinical experience designed to offer third and fourth year medical students broad exposure to breast imaging radiology as well as an understanding of the role of radiology in breast cancer detection and management. Students work closely to selected radiology faculty to learn the basics of breast imaging, including screening and diagnostic mammography, breast ultrasound and MRI, as well as the types of procedures performed by the specialty. Students will participate in the departmental and interdepartmental conferences to understand the importance of collaboration with breast surgeons, plastic surgeons, medical and surgical oncologists, radiation oncologist, and pathologists to provide comprehensive patient care. The overall goal is for students to gain understanding of a radiologists role in breast cancer care, the importance of a patient centered care approach, and how breast imaging offers ample opportunity for patient-interactions and high impact care. Students will be expected to read about clinical material regarding cases they encounter on a regular basis, participate in diagnostic discussions, and ultimately give a presentation to the attendings about an interesting case they encountered. This elective is geared toward students who are planning a career in Radiology, Oncology, Obstetrics and Gynecology or Surgery.</p>
4286	Radiology	EL Radiology: Radiology in Breast Cancer Care	Center for Advanced Medicine		
4904	Radiology	EL Radiology: Research	N/A		<p>Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.</p>
<b>Science Education</b>					

4353	Science Education	EL Science Education: A Deep Dive into Medical School Admissions	ZSOM	Not offered Blocks 1-3, 9- 11	<p>During this 4-week elective, students will gain insights into the inner-workings of the admissions process by participating as an active member of the admissions team. Prior to the start of this elective, students are encouraged to sign up to serve on both the Interview Admissions Committee and Voting Admissions Committee, options which are available to all rising MS4s. During their elective time, students will continue in these roles on a more regular basis, interfacing with medical school applicants by conducting interviews and facilitating skills sessions, and partaking in voting meetings. This elective will additionally afford more unique opportunities for students hoping to become even more involved in the process. Students in this elective will be able to take on more administrative roles during their time with us (i.e. running interview days behind-the-scenes, attending department meetings, etc) in order to better understand the 'why' and 'how' of the interview and admissions process. It is required that information acquired by students will remain confidential. During non-interview days, students are expected to take on a self-directed project of their choosing and based on the needs of the department at the time, which they will work on throughout their elective. Examples of projects from prior years include generating new MMI scenarios, collecting and analyzing admissions data, and writing a medical education paper. We anticipate that insights gained from your experience with us may help shape the way you view and approach your own interview process. We look forward to having you join us!</p>
4272	Science Education	EL Science Education: Biostatistics	N/A	2 weeks	<p>In this 2-week online elective, students will gain fundamental knowledge about how to craft a research question, understand different types of data and determine which variables are appropriate to answer their research question. A step by step tutorial will guide students on how and when to perform several basic statistical tests using SPSS and how to interpret the output. Finally, students will learn how to write up a description of their statistical methods and study results in a scholarly manner. The elective will comprise self-paced PowerPoint presentations with voiceover, weekly check-ins through Zoom, peer-interaction on mini-assignments, and a final write up of their statistical tests and results (which can be generated from an example dataset that will be provided). This elective needs a minimum of 6 students, with a maximum of 16 students, per 2-week session. If a registered student needs to drop the elective, they must do so at least 2 weeks prior to the start of the elective.</p>

4293	Science Education	EL Science Education: Boot Camp	MLTPLS	1 week; Post Match Day	<p>First month of residency can be very intimidating. Will you be prepared to perform common procedures expected of an intern? Which antibiotic will you choose for a patient who has a multiple allergies? Your patient's potassium is low, how much potassium and how will you correct it? Will you be prepared to manage common on call scenarios? We are offering a 1-week boot camp to help you prepare for residency.</p> <p>There are 2 components of this elective:</p> <p>(1) a procedural based experience and</p> <p>(2) an intensive didactic and on call scenario experience conducted the week after match. The longitudinal part will be procedurally based. Procedural skills sessions will be conducted 2-3 times a month beginning in January. Each session will cover different procedures with time to practice until proficient.</p> <p>Procedures to be practiced:</p> <ul style="list-style-type: none"> <li>•LPs</li> <li>•IV and IV using US</li> <li>•Central lines</li> <li>•IO (interosseous)</li> <li>•Airway Foley catheter insertion</li> <li>•NG tubes.</li> </ul> <p>During the week post-match the above procedures will again be available for you to practice and we will also conduct a simulated on-call scenario where you will manage several common on call cases and high yield didactic sessions.</p> <p>Didactic sessions that will be conducted include:</p> <ol style="list-style-type: none"> <li>1. Calling a consult: getting what your patient needs</li> <li>2. The acutely psychotic patient/altered MS patient</li> <li>3. Fluids and electrolytes: what you need to know (peds/adults)</li> <li>4. Radiology findings not to miss (peds/adults)</li> <li>5. Dangerous electrocardiograms and rhythm strips (peds/adults)</li> <li>6. Things that go beep in the night: common on-call scenarios (specialty specific)</li> <li>7. Which antibiotic does my patient need?</li> </ol> <p>To get full credit you must attend all the didactic sessions, the on-call scenario and all the procedural skills. Note the procedural skills can be done as part of the longitudinal experience or in the final week. You may also attend any of the procedural and or didactic sessions without requesting credit. If have any questions, please contact Dr. Gino Farina.</p>
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4298	Science Education	EL Science Education: Culinary Medicine	MLTPLS	<p>This is a 2-week MS4 elective with an additional optional 1-week Obesity Medicine component. Students will be given the opportunity to choose between a combination of Culinary Medicine and Obesity Medicine education (which would be a 3-week elective) and doing a Culinary Medicine elective alone (which would be a 2-week elective). The Culinary Medicine curriculum will be focused on the principles of Culinary Medicine established in 2012 by Timothy Harlan, M.D. (<a href="https://culinarymedicine.org/">https://culinarymedicine.org/</a>). We will introduce through our community visits a local supermarket, as well as a food bank, to understand how to develop and manage cooking and nutrition education programs for underserved communities. The goal is for healthcare providers to empower patients to take charge of their health, to use food as medicine, and to use cooking to promote a healthy diet. Students will have 8 in-person sessions at the ZSOM (Introduction into culinary medicine paired with refinement of nutrition history taking skills; 7 culinary medicine modules with hands on cooking with a Chef at the servery), an in-person field trip to a local supermarket / food pantry; and a 3-hrs visit to a primary care clinic (diabetes, obesity, or eating disorder) to practice a thorough nutrition history and the conversation about healthy food choices. Optional scheduling of time in primary care clinics can be arranged based on students' interest during the 2-week period.</p> <p>Students who choose to the combined culinary and obesity medicine track will have an interactive curriculum and clinical opportunities to receive training on how to assess, diagnose, and counsel patients with obesity. Additionally to the culinary medicine curriculum the first two weeks will include modules on assessment, weight loss medications and physical exercise etc. The third week of this track will be focused on clinical opportunities at the weight management clinic where student would work closely with a range of interdisciplinary providers in the care of patients with obesity, which includes nutritionists, psychologists, bariatric surgeons and obesity medicine physicians. This elective is only offered during Block 5.</p>
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4348	Science Education	EL Science Education: Enhancing Support for Medical Student Well-Being	Virtual available/HU	2 or 4 weeks	<p>The Office of Student Affairs is offering "Enhancing Support for Medical Student Well-Being," a fourth year elective aimed at developing programs and initiatives to create systematic change to improve student well-being during medical school. Students will have the opportunity to work on the development of one project and/or program that aligns with one of seven ZSOM Dimensions of Well-Being; financial, occupational, intellectual, social, emotional, physical and spiritual. Students are welcome to select from a preexisting list of programs within the Office of Student Affairs to either implement or evaluate for improvements. In addition to these projects, students are welcome to propose new initiatives for implementation during or after this elective. Examples of existing programs focused on medical student wellbeing are "Ask A Fourth Year" hours, Tips &amp; Tricks documents, Core Learning Sessions, Student Wellness Committee resources and events (shared Parks Doc, Pet Therapy, Yoga Sessions, Mindfulness Sessions), application usage (such as Headspace) and targeted Open Office Hours (such as Election Week Open Hours and Student Leadership Drop-In Hours). Students are expected to complete one of these projects, selected with the Assistant Dean for Student Services &amp; Well-Being, prior to the end of the block. Students are welcome to take this elective as a two week, four week or longitudinal elective.</p>
4328	Science Education	EL Science Education: Introduction to Medical Student as Teacher Virtual Rotation (Medical Student as Teacher Part 1)	N/A	<p>October 24 – November 4, 2022 (Offered M-F 5:30-8:30pm)</p>	<p>Introduction to Medical Education is a non-clinical two-week elective for students in the MS4 year. It introduces fourth-year medical students to up-to-date general topics in health professions education, as well as the knowledge, skills, and attitudes necessary for teaching today's adult millennial medical learners. We offer this as an effective "bootcamp" in the basics of medical education theory and practice through 3-hour didactic/interactive sessions over the course of two weeks. Participants will demonstrate their acquired competence in curricular program development by designing and presenting an individual novel curricular program during the elective. Students will explore their personal preferences for how they learn and teach and reflect on how this impacts their abilities and effectiveness as educators. In addition, students receive an exposure to the traditional and novel technological adjuncts that are commonly used to facilitate learning among students in the health professions. Finally, participants in this course are encouraged to take advantage of provided opportunities to explore and reflect upon what it means to pursue a career as a "medical educator." Students will be required to attend the Northwell Health October Journal Club. The rotation is supervised by expert faculty in medical education. Expert faculty and guest lecturers will be invited for topics of educational theory, simulation, and scholarship. This elective is a requirement of the Medical Education scholarly concentration.</p>

4343	Science Education	EL Science Education: Introduction to Medical Education: Medical Student as Teacher Part 2-Near/Peer Teaching and Project	N/A	Longitudinal; 2 weeks	<p>Medical Student as Teacher Part 1 (“Boot Camp”) is a required corequisite elective for Part 2. Students enrolled in this MS4 2-week longitudinal elective self-select twenty-five (25) hours of teaching time based on individual interests, which includes both Zucker School of Medicine opportunities as well as clinical teaching opportunities at Northwell Health. These teaching hours must reflect a minimum of two different pedagogies (e.g.: small group, large group, clinical learning, structure, etc.). Students will facilitate a medical education journal club presentation once during this elective. A reflective teaching log must be completed to receive credit for this elective. This elective is a requirement of the Medical Education scholarly concentration.</p>
4363	Science Education	EL Science Education: Klar Leadership Development and Innovation Management Exposure	ZSOM	January block	<p>This elective is designed for students who have not participated in the Klar Leadership Development and Innovation Management program, but would like to explore leadership topics through didactics and skill-building activities. Topics to be covered include: self-awareness, team dynamics, time management, organizational culture, and strategic planning.</p>

4282	Science Education	EL Science Education: Law and Medicine	N/A	Longitudinal: Equivalent of 4 weeks of elective time	<p>The Law and Medicine Elective is a collaborative project between Zucker SOM and Maurice A. Deane School of Law School at Hofstra where our students serve as medical expert witnesses in a mock trial competition. This is an invitational competition to law schools nationally where Zucker students are the medical expert witness for all law schools participating. This is longitudinal 4-week elective that will start sometime around June/July and run through the competition, sometime October/November (exact dates to be determined). Most of the work is self-directed, working with other Zucker medical students creating your role as a medical expert, the case to be tried and virtual meetings with law students from assigned law schools to prep for the trial. There will also be regular meetings with the course directors, Dr. Farina and Jared Rosenblatt, Esq. The exact date of the competition is yet to be determined but you if you elect to participate in this experience you must be physically present for the competition. The competition will be on a weekend with the preliminary rounds occurring on a Friday afternoon and all day Saturday at the Nassau County Supreme Court and the final competition will be on a Sunday at the Hofstra Law School. You will also have a face to face meeting with the law school you are working with the evening/day before the competition.</p> <p>Please contact Dr. Farina for more information or questions.</p> <p>Goals: * Learn the role of a medical doctor in medical-legal cases. *Understand the role of a medical expert witness. *Understand the interprofessional relationship between lawyers and doctors in representing the public in medical legal cases.</p> <p>Los: *Compete in a national Mock Trial. *Serve as an expert witness in a medical legal case for the plaintiff and/or the defendant. *Prepare an expert witness CV to be used in a mock trial for a medical legal case. * In conjunction with law students, prepare medical documents and expert reports to be used in a trial. *Review all depositions and reports in case *Research relevant medical articles/journals on the medical issue on the case. *Be prepared for the trial by law students. *Discuss testimony on direct and be prepared for cross examination by opposing attorney. * During trial, act as witness during direct and cross and observe entire trial. Please note, you cannot drop this elective once the academic year begins.</p>
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4362	Science Education	EL Science Education: Medical Mandarin; Non-clinical	Virtual	Beginner Mandarin skills required.	<p>Medical Mandarin is a 4-week non-clinical elective focusing on basic communication with patients and appreciation of cultural differences in the context of medical care in the Mandarin-speaking population. It is designed for students who at least have taken some beginner Mandarin courses and/or can carry a short conversation in Mandarin.</p> <p>The elective centers around Mandarin speaking medias (TV shows and movies), online lectures on medical Mandarin vocabulary and sentences, and virtual sessions with faculty. The participants are expected to study the assigned media and corresponding online lectures based on the theme of the week. During the self-study period, participants will learn vocabulary and sentences commonly used in patient interviews. They will also have a basic understanding of the content of the assigned media, research difficult to understand conversations and unique cultural beliefs they come across on the episodes. In addition, the participants will prepare and submit a 10 min audio recording of simulated patient-physician encounter on the topic of the week and receive feedback from the faculty via an asynchronous VoiceThread platform before the 2-hour virtual session facilitated by the faculty.</p>
4270	Science Education	EL Science Education: Medical Spanish	N/A	Can be 2 or 4 weeks	<p>This is a 2 or 4 week elective in medical Spanish. This elective is for students who have a working knowledge of Spanish and want to improve their skills. It is primarily a self-directed learning experience with the student using the online medical Spanish program Canopy. The students will complete Medical Spanish Levels 1, 2, and 3 on Canopy as well as all the corresponding exams. This will be augmented with regular meetings with faculty who will serve as simulated Spanish speaking patients for the students to take a complete medical history, verbalize the physical exam, clinically reason through the case and describe management plans. Immediate feedback is provided. When appropriate, the students are expected to demonstrate the skills of empathy in Spanish while taking the history. This elective is not intended to replace the use of interpreter services in real patient encounters but instead it is intended to give students an opportunity to establish a better rapport with Spanish speaking patients by being able to communicate with them. For native Spanish speaking students, this elective will improve their skills in taking a medical history in Spanish and practice clinical reasoning skills.</p>

4271	Science Education	EL Science Education: Medical Spanish- Longitudinal	N/A	Longitudinal: Equivalent of 4 weeks of elective time	This is a longitudinal elective in medical Spanish for senior medical students that are proficient in Spanish. Once they have demonstrated the appropriate skills the students will serve as simulated patients for learners to practice and learn medical Spanish. The students will be asked to write medical cases in Spanish to be used during simulated scenarios based on their desired specialty.
4246	Science Education	EL Science Education: Narrative Perspective and Reflective Writing: An Elective in Medical Humanities	N/A	Longitudinal: Equivalent of 2 weeks of elective time	<p>This is a 4th year longitudinal (August, 2024-March, 2025, 630-8pm) small group elective focused on Narrative Perspective and Health Humanities that uses an online delivery mode through ZOOM platform. This course involves reflective writing to a host of humanities-inspired prompts and the sharing of written reflections in a safe, small group. The purpose of this elective is to develop students' capacities for continuous reflection and self-regulation through the lens of health humanities readings, visual arts, music, and reflective writing. This course will consist of 50 total hours of time accrued from August through March, with students completing at least 20 out of 28 scheduled sessions during this 9-month period, in order to receive the 'two-week elective' credit. The first session is in August, an orientation session (NOT counted towards required 20 sessions) and last session is in March (before Match Day) is also required, unless you arrange with the Course Director. Attendance will be tracked within the ZOOM platform, which will be saved each week. ZOOM allows us to track attendance by minutes for each student. Full session participation counts as session attendance, with a 15-minute grace period to join late or if necessary, leave early. Cameras are REQUIRED for each meeting session unless there is a reason discussed with the session facilitator. There will be an assigned "artifact" (reading/video/art) paired a complementary or contrasting, music, artwork, video, or play offered in-session. Students will be expected to review the "artifact" and, during the session, consider the additional materials presented, and prepare a reflective narrative in response to an aligned prompt that draws on their own experiences within the clinical environment based on interactions with colleagues and patients. These in-session narratives can be refined for a future submission to a scholarly narrative publication, like Narrateur (ZSOM Literary Journal) or other narrative publications. Students are expected to share their writings among peers and respond constructively to the work shared by others in session. Please keep all written reflections in one location, as an ongoing word document or on the online Canvas course platform in the journal feature. Students will honor stories by seeking to understand their perspectives about the impact of illness and need for healing. They will practice effective communication skills by building and sharing coherent narratives. By working to locate themselves within their own stories and those of others, students will learn to process their clinical experiences and practice reflections more effectively as a skill for meaning making and self-understanding throughout their careers. For more information about the importance of including Narrative Medicine as part of the training for medical professionals, please see <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3992707/pdf/nihms-572162.pdf">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3992707/pdf/nihms-572162.pdf</a></p>

4928	Science Education	EL Science Education: Non-clinical Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.
4290	Science Education	EL Science Education: Public Health - MD/MPH Track	N/A	2 or 4 weeks; longitudinal, MD/MPH Only	The Public Health Internship and Leadership Seminar and the Culminating Research Experience are two required longitudinal courses required for the MPH degree at Hofstra University. For the MD/MPH students, these courses can start during the MPH year and continue throughout the program period with or without additional time in the MS4 year. This elective will serve as time for MD/MPH students to complete their Internship and/or Culminating Experience.
4359	Science Education	EL Science Education: Revenue Cycle 101	MLTPLS	2 Huntington Quadrangle, Melville; 1111 Marcus Ave, NHP; 2000 Marcus Ave, NHP, and may include one or more Northwell hospitals	<p>Through a Rotation in Northwell Revenue Cycle, a MS-4 student will have an opportunity to learn how provider patient management and documentation affect a large health system's revenue. The curriculum covers key topic areas including:</p> <ul style="list-style-type: none"> <li>• Clinical Documentation Improvement (CDI)</li> <li>• Concept of Necessary Care - Commercial Clinical Guidelines (MCG and Interqual) <ul style="list-style-type: none"> <li>o Use of Evidenced-Based and Best Practice Guidelines effective health care resource management</li> </ul> </li> <li>• Financial planning and management of commercial contracts with insurers Learners will be exposed to real-world experiences and case studies through medical record reviews, peer to peer interactions with insurers, participation in Revenue Cycle Leadership conferences, and mentoring by experienced physician leaders in Revenue Operations.</li> </ul> <p>Learners will be provided the basics of health care revenue and managed care operations with respect to:</p> <ul style="list-style-type: none"> <li>o Differing systems of hospital reimbursement</li> <li>- CMS Medicare rules</li> <li>- Per Diem vs Diagnosis Related Group (DRG) reimbursement</li> <li>- Commercial contracting between providers and insurers</li> <li>- Short stay and blended rates</li> <li>o Authorizations/denials of payment for care</li> <li>o Role of Physician Advisors</li> <li>o Peer to Peer discussions</li> </ul> <p>Students will learn about strategy that Northwell Health has taken to increase value and improve revenue. They will learn how health care reform and regulatory changes impact health care finances.</p> <p>Students will benefit from hands-on, practical experience in revenue operations. Content will be integrated across domains— care management, clinical operations management, financial and strategic planning, resource planning, quality and safety, systems design performance improvement, and information systems integration. These exercises include analyzing case studies.</p>

4192	Science Education	EL Science Education: Structure Lab Teaching Preceptorship	N/A	<p>The <b>Structure Medical Education Elective</b> is a 4-week elective that provides learning opportunities for the student with career interests in the Structural Sciences, procedural or anatomically-based specialties, and medical education. Two tracks are available, each with a different focus. Students should select the one that meets their own specific interests. <b>For more information regarding the content in specific elective blocks, please click here:</b> <a href="https://docs.google.com/spreadsheets/d/1-n37nZ7RLler_7R1GpoGMWw9ahIFjlaKDoPBMiK3SU8/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1-n37nZ7RLler_7R1GpoGMWw9ahIFjlaKDoPBMiK3SU8/edit?usp=sharing</a></p> <p>a. <u>Medical Education Track:</u> This experience is most commonly chosen by students who are interested in a general review of Structure topics and in learning and practicing medical education skills and techniques. The MS-1 and 2 courses provide the underlying course content for development of these skills. Elective students will work with Structure faculty in developing, delivering, and evaluating integrated, interactive learning experiences for the MS-1 and MS-2 students. Additionally, weekly dissection activities will be scheduled for preparation of prosections, the development of manual skills, and a deeper understanding of the anatomy of the systems studied in the first 100 weeks. Elective students will also facilitate at least one review session for MS-1 and/or MS-2 students during their elective time.</p> <p>b. <u>Advanced Dissection/Research Track:</u> This track allows students to focus on a particular area of interest by pursuing detailed anatomic study of a specific region. The goal is to produce a project that involves a series of dissections and an exploration of the relevant clinical-anatomic correlations. The student will work with one (or more) Structure faculty who will provide mentorship for the project. The resulting work will be presented at a Structure departmental meeting and should be of a quality sufficient for submission to an appropriate journal for publication. Participation in educational sessions is strongly encouraged but not required in this track. Students interested in this track should contact Structure faculty early in the year to discuss their areas of interest and to plan the specific content and project milestones for this elective.</p>
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4255	Science Education	EL Science Education: Tell Me More	LIJ	Can be 2 or 4 weeks	<p>“Tell Me More®” is a signature project of the Arnold P. Gold Foundation. Troubled by the depersonalization that occurs when people become hospitalized, Tell Me More® enables the student to spend time dialoguing with patients and gathering information which is traditionally not asked in a patient history. It is intended to be a personalized encounter between a student and a patient and allows the student to learn of the patient’s unique personal attributes. It assures total engagement with patients who are willing to speak. The student is given a poster with an idea bank of questions to prompt conversation. Key phrases from this interaction can be written on this poster, which is then displayed in the patient’s hospital room so that all members of the health care team have the opportunity to learn about the patient as a person.</p> <p>a. The experience at its core reinforces the tenets of clinical care, specifically who the patient is when not presenting with an illness. This elective/selective will provide a strong connection to the Northwell Health Patient Experience team, as TMM® has a parallel patient experience vision. This is a collaboration with the leadership of the Office of Patient Experience team at Northwell and introduces the student to their role as clinicians focused on patient satisfaction. A full attempt is made to align the interest of the student with the hospital/ward assignment. Students must sign up at least 2 months in advance of desired start date. This can be offered at varied Northwell Hospitals. It is an excellent opportunity for students to practice advancing their communication skills with patients and their families.</p> <p>i. Student Comments:</p> <ol style="list-style-type: none"> <li>1. The elective at its cornerstone supports the notion that medicine should not be practiced without humanism. When the two forge together, there is value for everyone from patients to providers for all aspects of the care experience.</li> <li>2. Aside from their medical history, each patient has an interesting background and unique story that you don't get to learn about unless you take the time to listen and talk to them about it. Having broad but at the same time specific questions like those used in Tell Me More is a great way to have these types of conversations with patients.</li> </ol>
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4370	Science Education	EL Science Education: Utilization of the Medical Literature – Preparation for Residency and Beyond	Virtual	Longitudinal	<p>During this longitudinal elective, students will participate in an approximately twice monthly browsing journal club using the New England Journal of Medicine facilitated by Drs. Miller and Pearlman. The discussion of these articles will utilize the framework outlined in the Users' Guides to the Medical Literature (AMA Press) 3rd edition. Lectures will include an introduction to PowerPoint presentations, clinical reasoning, and application of the medical literature in clinical practice. By the end of the year, students will present two formal journal club presentations on articles of their choosing, as well as one formal clinical case presentation that incorporates evidence-based medicine in the diagnostic and/or therapeutic decision-making of the case.</p>
4292	Science Education	EL Science Education: Well Said Radio Show and Podcast	NW	Longitudinal	<p>Well Said is seeking radio broadcast assistance for pre-production, production, and post-production of programming. Students will learn how to develop health and wellness education programming and framework for discussion that is accessible to a lay audience, emphasizing the importance of doctor-patient communication and public advocacy. Students will be expected to work in teams and independently as appropriate.</p> <p>Responsibilities include:</p> <ul style="list-style-type: none"> <li>• Research and development of topic ideas of interest to the lay public;</li> <li>• Identification of experts, including contacting and scheduling of guests;</li> <li>• Content development and research of planned topics, including preparation of a show script and interview questions that can be easily understood by a lay audience;</li> <li>• Review and editing of post-production recordings;</li> <li>• Management of the Well Said web site and social media content, including response to feedback from listeners and prospective guests.</li> </ul> <p>Students will have the opportunity to take a radio programming workshop that will include instruction on how to operate studio equipment and rules and regulations associated with running a radio program/station.</p>

**Surgery**

4036	Surgery	AI Surgery: Critical Care	LHH		<p>This is a 4-week course designed to give the student a broad exposure to surgical critical care as well as an understanding of the medicine of surgery. Students will work closely with selected surgical faculty, fellows and residents to learn assessment and care of the critically ill patient. The patient mix consists of adult abdominal, ENT, gynecologic, neurologic, obstetrical, orthopedic, urologic, vascular and gynecologic patients requiring pre- and post-operative critical care. Emphasis is on fluid and electrolyte disorders, hemodynamic, neurologic and organ system monitoring, shock management, critical care pharmacology, respiratory physiology, ventilator support, surgical nutrition, and postoperative care and complications. Students will develop skills in initial patient evaluation, clinical presentation, development of a differential diagnosis, and appropriate workup and treatment. Seminars to review pertinent topics (e.g. shock, nutrition, sepsis, ARDS, etc) will occur weekly.</p>
4016	Surgery	AI Surgery: Critical Care	LIJ		<p>This is a 4-week course designed to give the student a broad exposure to surgical critical care as well as an understanding of the medicine of surgery. Students will work closely with selected surgical faculty, fellows and residents to learn assessment and care of the critically ill patient. The patient mix consists of adult abdominal, ENT, gynecologic, neurologic, obstetrical, orthopedic, urologic, vascular and gynecologic patients requiring pre- and post-operative critical care. Emphasis is on fluid and electrolyte disorders, hemodynamic, neurologic and organ system monitoring, shock management, critical care pharmacology, respiratory physiology, ventilator support, surgical nutrition, and postoperative care and complications. Students will develop skills in initial patient evaluation, clinical presentation, development of a differential diagnosis, and appropriate workup and treatment. Seminars to review pertinent topics (e.g. shock, nutrition, sepsis, ARDS, etc) will occur weekly.</p>

4017	Surgery	AI Surgery: Critical Care	NS	<p>This is a 4-week course designed to give the student a broad exposure to surgical critical care as well as an understanding of the medicine of surgery. Students will work closely with selected surgical faculty, fellows and residents to learn assessment and care of the critically ill patient. The patient mix consists of adult abdominal, ENT, gynecologic, neurologic, obstetrical, orthopedic, urologic, vascular and gynecologic patients requiring pre- and post-operative critical care. Emphasis is on fluid and electrolyte disorders, hemodynamic, neurologic and organ system monitoring, shock management, critical care pharmacology, respiratory physiology, ventilator support, surgical nutrition, and postoperative care and complications. Students will develop skills in initial patient evaluation, clinical presentation, development of a differential diagnosis, and appropriate workup and treatment. Seminars to review pertinent topics (e.g. shock, nutrition, sepsis, ARDS, etc) will occur weekly.</p>
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4040	Surgery	AI Surgery: General	LHH	<p>This is a 4-week course designed to give fourth-year students clinical experience on a general and acute care surgical service. Students are expected to take on greater responsibility and actively participate as a primary provider during the Advanced Clinical Experience. In addition to inpatient care, students are required to participate in conferences, operative procedures, bedside procedures, and attend outpatient clinics. Each student is required to do one weekend call (6AM to 6PM Saturday or Sunday) over the course of the 4-week rotation, which will be chosen by the students the first day of the rotation. Students will be integral members of the surgical team. It is expected that by caring for their own patients and serving as primary care provider to those patients with supervision, this will help them transition to graduate medical education and training. Students are expected to communicate with other team members, including the physician assistants, junior, senior, chief residents, consulting physicians and the attending surgeons. The department of surgery branch at Lenox Hill Hospital offers an abundance of clinical activity and significant didactic teaching, including morbidity and mortality conference, breast, gastrointestinal and liver tumor board, Monday morning resident lectures, weekly case conferences, grand rounds, monthly evening journal club, vascular surgery conference and weekly chairman rounds at which the student will be expected to present their patients to the interdisciplinary group including the chair of the department. Students are expected to prepare a presentation for the final week of the rotation at the resident and student conference on a topic/question of their choice (PICO presentation). There will be emphasis on the management of acute surgical diseases, including acute abdominal pain, abdominal wall hernias, biliary disease, intestinal obstructions, appendicitis, and diverticular disease. Upon completion of this acting internship, students will be able to:</p> <ol style="list-style-type: none"> <li>1) Participate fully in the activities of the surgical team, including rounds, conferences, clinics and the operating room.</li> <li>2) Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation.</li> <li>3) Assist residents with their call responsibilities, including consults and ward care.</li> <li>4) Communicate patient information to the surgical team in an accurate and organized fashion at rounds and conferences.</li> <li>5) Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students.</li> <li>6) Demonstrate a professional appearance and courteous behavior in the workplace.</li> </ol>
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4015	Surgery	AI Surgery: General	LIJ	<p>This is a 4-week course designed to give fourth-year students clinical experience on a general surgical service. Students will have greater responsibility and more active participation than third year students during the Advanced Clinical Experience. In addition to inpatient care, students are expected to participate in all conferences, operations, and attend outpatient clinics. Students will be integral members of the surgical team by caring for their own patients and serving as primary care provider to those patients. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, and radiology conference. Emphasis is on management of acute abdominal pain, abdominal wall hernias, biliary disease, intestinal obstructions, appendicitis, and diverticular disease. Upon completion of this acting internship, students will be able to: 1) Participate fully in the activities of the surgical team, including rounds, conferences, clinics and the operating room. 2) Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation. 3) Assist residents with their call responsibilities, including consults and ward care. 4) Communicate patient information to the surgical team in an accurate and organized fashion at rounds and conferences. 5) Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students. 6) Demonstrate a professional appearance and courteous behavior in the workplace.</p>
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4022	Surgery	AI Surgery: General	NS	<p>This is a 4-week course designed to give fourth-year students clinical experience on a general surgical service. Students will have greater responsibility and more active participation than third year students during the Advanced Clinical Experience. In addition to inpatient care, students are expected to participate in all conferences, operations, and attend outpatient clinics. Students will be integral members of the surgical team by caring for their own patients and serving as primary care provider to those patients. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, and radiology conference. Emphasis is on management of acute abdominal pain, abdominal wall hernias, biliary disease, intestinal obstructions, appendicitis, and diverticular disease. Upon completion of this acting internship, students will be able to: 1) Participate fully in the activities of the surgical team, including rounds, conferences, clinics and the operating room. 2) Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation. 3) Assist residents with their call responsibilities, including consults and ward care. 4) Communicate patient information to the surgical team in an accurate and organized fashion at rounds and conferences. 5) Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students. 6) Demonstrate a professional appearance and courteous behavior in the workplace.</p>
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4034	Surgery	AI Surgery: Acute Care Trauma	NSLIJ	<p>This is a 4-week rotation designed to teach students about the assessment and management of traumatized patients and patients requiring emergency general surgery. Students will work closely with selected acute care surgery faculty, senior and junior residents, physician assistants, and other support staff to learn assessment and care of surgical patients requiring urgent and emergent care. Emphasis is on initial assessment and stabilization of the traumatized patient, shock management, invasive monitoring, ventilatory management, drug and antibiotic management, emergency interpretation of radiologic imaging, interpretation of FAST (focused abdominal sonography in trauma), evaluation and treatment of acute abdominal pain, post-operative care, and surgical complications. Students will develop skills in initial patient evaluation, clinical presentation, development of a differential diagnosis, and appropriate workup and treatment. Upon completion of this acting internship, students will be able to:</p> <ol style="list-style-type: none"> <li>1. Participate fully in the activities of the surgical team, including rounds, conferences, clinics and the operating room.</li> <li>2. Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation.</li> <li>3. Assist residents with their call responsibilities, including consults and ward care.</li> <li>4. Communicate patient information to the surgical team in an accurate and organized fashion at rounds and conferences.</li> <li>5. Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students.</li> <li>6. Demonstrate a professional appearance and courteous behavior in the workplace.</li> </ol>
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4032	Surgery	AI Surgery: Colorectal Surgery	NSLIJ	<p>This is a 4-week course designed to give fourth-year students clinical experience on a dedicated colorectal surgery service. Students will have greater responsibility and more active participation than third year students during the Advanced Clinical Experience. Students will be integral members of the surgical team by caring for their own patients and serving as the primary care provider to those patients. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, colorectal conference, and multidisciplinary tumor board conference. Emphasis is on treating benign and malignant diseases of the colon and rectum, including colorectal cancer, anal cancer, diverticular disease, and inflammatory bowel disease. Upon completion of this acting internship, students will be able to: 1. Participate fully in the activities of the colorectal surgery team, including rounds, conferences, clinics, endoscopic procedures (anoscopy, proctoscopy, colonoscopy, anorectal ultrasound, anal manometry), and the operating room. 2. Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation. 3. Assist residents with their call responsibilities, including consults and ward care. 4. Communicate patient information to the surgical team in an accurate and organized fashion on rounds and during conferences. 5. Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students. 6. Demonstrate a professional appearance and courteous behavior in the workplace.</p>
4375	Surgery	EL Surgery: General	GCH	<p>The student will be assigned to the surgery service at Northwell Glen Cove Hospital. There will be a wide breadth of operative cases that the student will "scrub on". These include (but not limited to) laparoscopic cholecystectomy, appendectomy, hernia repair and colon resections. Additionally, the student will get exposure to robotic surgery. There is an extensive array of plastic surgery and breast surgery cases.</p>

4366	Surgery	EL Surgery: Colorectal Surgery	Phelps Hospital and Northern Westchester Hospital		<p>This is a 4 week course designed to give 4th year students clinical experience on a dedicated colorectal surgery service. Students will have greater responsibility and more active participation than third year student during the 3rd year. Students will be integral members of the team by caring for their own patients and serving as primary care providers to those patients. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, colorectal conference, and multidisciplinary tumor board conference. Emphasis is on treatment benign and malignant diseased of the colon and rectum, including colorectal cancer, diverticular disease, and inflammatory bowel disease.</p>
4039	Surgery	AI Surgery: Plastic Surgery	NSLIJ		<p>This is a 4-week course designed to give fourth-year students clinical experience on a dedicated plastic surgery service. Students will have greater responsibility and more active participation than third year students during the Advanced Clinical Experience. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, and indications conference. Upon completion of this acting internship, students will be able to: 1) Participate fully in the activities of the plastic surgery team, including rounds, conferences, and clinics. 2) Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation. 3) Assist residents with their call responsibilities, including consults and ward care. 4) Communicate patient information to the surgical team in an accurate and organized fashion on rounds and during conferences. 5) Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students. 6) Demonstrate a professional appearance and courteous behavior in the workplace.</p>

4091	Surgery	AI Surgery: Plastic Surgery	GCH	<p>This is a 4-week course designed to give fourth-year students clinical experience on a dedicated plastic surgery service. Students will have greater responsibility and more active participation than third year students during the Advanced Clinical Experience. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, and indications conference. Upon completion of this acting internship, students will be able to: 1) Participate fully in the activities of the plastic surgery team, including rounds, conferences, and clinics. 2) Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation. 3) Assist residents with their call responsibilities, including consults and ward care. 4) Communicate patient information to the surgical team in an accurate and organized fashion on rounds and during conferences. 5) Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students. 6) Demonstrate a professional appearance and courteous behavior in the workplace.</p>
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4092	Surgery	AI Surgery: Plastic Surgery	LHH	<p>This is a 4-week course designed to give fourth-year students clinical experience on a dedicated plastic surgery service. Students will have greater responsibility and more active participation than third year students during the Advanced Clinical Experience. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, and indications conference. Upon completion of this acting internship, students will be able to: 1) Participate fully in the activities of the plastic surgery team, including rounds, conferences, and clinics. 2) Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation. 3) Assist residents with their call responsibilities, including consults and ward care. 4) Communicate patient information to the surgical team in an accurate and organized fashion on rounds and during conferences. 5) Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students. 6) Demonstrate a professional appearance and courteous behavior in the workplace.</p>
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4033	Surgery	AI Surgery: Surgical Oncology	LIJ	<p>This is a 4-week course designed to give fourth-year students clinical experience on a dedicated surgical oncology service. Students will have greater responsibility and more active participation than third year students during the Advanced Clinical Experience. Students will be integral members of the surgical team by caring for their own patients and serving as primary care provider to those patients. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, and multidisciplinary tumor board conferences. Emphasis is on treating malignancies of the gastrointestinal tract, liver, pancreas, biliary tract, skin and soft-tissue, breast, and endocrine glands. Upon completion of this acting internship, students will be able to:</p> <ol style="list-style-type: none"> <li>1. Participate fully in the activities of the surgical oncology team, including rounds, conferences, clinics, and the operating room.</li> <li>2. Take individual responsibility for patient care with appropriate supervision, including initial patient assessment, daily care, participation in surgery, and accurate documentation.</li> <li>3. Assist residents with their nighttime call responsibilities, including consults and ward care.</li> <li>4. Communicate patient information to the surgical team in an accurate and organized fashion on rounds and during conferences.</li> <li>5. Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students.</li> <li>6. Demonstrate a professional appearance and courteous behavior in the workplace.</li> </ol>
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4041	Surgery	AI Surgery: Vascular Surgery	LHH	<p>This is a 4-week course designed to give fourth-year students clinical experience on a busy vascular surgical service. Students are expected to take on greater responsibility and actively participate as a primary provider during the Advanced Clinical Experience. In addition to inpatient care, students are required to participate in conferences, operative procedures, endovascular suite procedures, bedside procedures, and attend outpatient clinics. Students will be integral members of the vascular surgical team. It is expected that by caring for their own patients and serving as primary care provider to those patients with supervision, this will help them transition to graduate medical education and training. Students are expected to communicate with other team members, including the physician assistants, junior, senior, chief residents, consulting physicians and the attending surgeons. The division of vascular surgery at Lenox Hill Hospital offers an abundance of clinical activity and significant didactic teaching, including morbidity and mortality conference, Monday morning resident lectures, weekly interesting case conferences, grand rounds, monthly evening journal club, and weekly chairman rounds at which the student will be expected to present their patients to the interdisciplinary group including the chair of the department. There will be emphasis on the management of acute and chronic vascular diseases, including peripheral arterial disease, venous disease, aortic aneurysms, carotid artery disease, including basic concepts of non-invasive testing and duplex ultrasound.</p>
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4035	Surgery	AI Surgery: Vascular Surgery	NSLIJ	<p>This is a 4-week course designed to give fourth-year students clinical experience on a dedicated vascular surgery service. Students will have greater responsibility and more active participation than third year students during the Advanced Clinical Experience. Students will be integral members of the surgical team by caring for their own patients and serving as primary care provider to those patients. Students are expected to communicate with other team members including the senior and chief residents and the attending surgeons. Both abundant clinical activity and significant didactic teaching will occur, including morbidity and mortality conference, grand rounds, journal club, chief's rounds, and vascular conference. Emphasis is on treating occlusive and aneurysmal disease of the aorta and peripheral vascular system, management of carotid artery stenosis and stroke prevention, understanding the pathophysiology of diabetic foot lesions, describing mechanisms of graft failure, identifying alternatives to open surgical procedures, and understanding the response of blood vessels to iatrogenic injury. Upon completion of this acting internship, students will be able to: 1) Participate fully in the activities of the vascular surgery team, including rounds, conferences, clinics, and open and endovascular therapies in the operating room. 2) Take individual responsibility for patient care with appropriate supervision, including initial patient assessment (comprehensive vascular history and detailed vascular physical examination), daily care, participation in surgery, and accurate documentation. 3) Assist residents with their call responsibilities, including consults and ward care. 4) Communicate patient information to the surgical team in an accurate and organized fashion on rounds and during conferences. 5) Research patient issues and provide education to the surgical team, especially the third year medical students, physician assistant and nursing students. 6) Demonstrate a professional appearance and courteous behavior in the workplace.</p>
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4278	Surgery	EL Surgery: Bariatric Surgery/ MultiDisciplinary Program	SYO	Can be 2 or 4 weeks	and post-surgical treatment of morbidly obese patients. This program is unique since the office is located in a hospital setting. The student will be fully integrated into our team-based multidisciplinary comprehensive bariatric program. Patients are seen for consultations, where surgical options are explained and discussed. Patients are then followed during the pre-operative process by our nutritionists and psychologist for evaluations and education. Post-surgically, patients are seen at one week, one month, six months, and one year intervals. Yearly follow-up is required for optimal patient care. The student will participate in the activities of the bariatric team, including but not limited to: seeing new and returning patients, participating in history and physical exams, interpretation of data, medication reconciliation, rounds, operating room, radiological studies, patient education and care coordination for these patients, who are often being treated for co-morbidities. In addition, the student will be expected to prepare for patient visits, including documentation, while working collaboratively with physicians, physician assistants, medical assistants and
4915	Surgery	EL Surgery: Preceptorship	N/A		Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.
4982	Surgery	EL Surgery: Research	N/A		Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.
4142	Surgery	EL Surgery: Trauma and Acute Care Surgery	NS		This is a 4 week rotation designed to teach students about the assessment and management of traumatized patients and patients requiring emergency general surgery care. Students will work closely with selected acute care surgery faculty, senior and junior residents, physician assistants and other support staff to learn assessment and care of surgical patients requiring urgent and emergent care. Emphasis is on initial assessment and stabilization of the traumatized patients, shock management, invasive monitoring, ventilatory management, drug and antibiotic management, emergency interpretation of radiologic imaging, interpretation of FAST (Focused Abdominal Sonography in Trauma), evaluation and treatment of acute abdominal pain, post-operative care, and surgical complications. Students will develop skills in initial patient evaluation, clinical presentation, development of a differential diagnosis, and appropriate workup and treatment.

4143	Surgery	EL Surgery: Transplant Surgery	NS		<p>Students will have the opportunity to experience all aspects of transplantation practice. This includes evaluation of potential liver, kidney and pancreas transplant recipients; understanding of pathophysiology of end-stage organ failure; participation in all aspects of donor and recipient operative transplant surgery; active involvement in post-transplant surgical care, including management of immunosuppression and its complications; long-term post-transplant outpatient care; understanding of immunosuppressive therapies, complications, side effects, and associated infections and neoplastic morbidity.</p>
4287	Surgery	EL Surgery: Wound Care and Hyperbaric Medicine	PH	Can be 2 or 4 weeks	<p>The course in wound care and hyperbaric medicine is an amalgam of multiple medical disciplines, including surgery, primary care, internal medicine and many of its subspecialties, e.g. endocrinology, rheumatology, immunology, and cardiovascular disease. In addition, the course encompasses the basic scenarios of anatomy (both gross and micro), physiology, pharmacology, and biochemistry.</p> <p>The students will be assigned to an attending physician, who will have the responsibility for tracking, guiding and supporting the students through a very complicated and demanding specialty. The students will have the opportunity to observe, learn and actively participate in the care of wound care and hyperbaric patients. They will be required to read, ask questions, and demonstrate their knowledge through case presentation sessions and through their daily interactions with the physicians, nurses and technicians at the wound care center. Ultimately, the students will give final interesting case presentations in which they will be expected to demonstrate their knowledge of wound healing and hyperbarics approaching the care just as an attending physician would.</p>

**Urology**

4037	Urology	AI Urology: General	NSLIJ	Students will have the opportunity to see all the different aspects of Urology care from the office visit to the operating room to the hospital floors. During this four week rotation, students will rotate through the different sites the urology residents do including North Shore University Hospital, Long Island Jewish Medical Center, Cohen's Children's hospital and Plainview Hospital. They will work with the Urology team during daily rounds and are expected to take on responsibilities of patient care and preparation at the level of a urology intern. Students are also asked to present an interesting case for residents and faculty at one of the weekly grand rounds conferences.
4072	Urology	AI Urology: General	LHH	The department of Urology at Lenox Hill Hospital invites students for a 2-week rotation for third year students and a 4-week rotation for fourth year students. Students will work closely with our residents and faculty in the inpatient and outpatient settings. Students will round daily on inpatients and will be assigned each day to rotate with different faculty members in the operating room or office. Students will also see emergency room and inpatient consults under the supervision of residents and faculty. Students will be exposed to all areas of urology including urologic oncology, endourology, infertility and andrology, female pelvic medicine, genitourinary reconstruction and pediatric urology. Third year students should become familiar with common urological conditions, genitourinary anatomy, and medical and surgical management. Fourth year students will be expected to present an interesting case or interesting topic at our Department Grand Rounds at the end of their rotation. The third year elective is open to any students who might be interested in early exposure to urology. The fourth year elective is geared toward students interested in pursuing a career in urology.
4240	Urology	EL Urology: Men's Health	NSLIJ	Students will work closely in the areas of erectile dysfunction and infertility with Dr. Bruce Gilbert, Dr. Harris Nagler, and Dr. Darius Paduch as well as multiple other attendings practicing general urology and focusing on men's health issues such as sexual dysfunction, benign prostatic hypertrophy, prostate cancer, etc.
4925	Urology	EL Urology: Preceptorship	N/A	Students will be expected to find a preceptor and, together with that preceptor, submit a preceptorship proposal to the Program Coordinator of Second 100 Weeks.
4970	Urology	EL Urology: Research	N/A	Students will be expected to find a research mentor and, together with that mentor, submit a research proposal to the Research Advisory Committee.

Location Key	
CCMC	Cohen Children's Medical Center
EXT	External Site
FHH	Long Island Jewish Forest Hills
GCH	Glen Cove Hospital
HH	Huntington Hospital
LHH	Lenox Hill Hospital
LIJ	Long Island Jewish Medical Center
MEETH	Manhattan Eye, Ear and Throat Hospital
NS	North Shore University Hospital
NSLIJ	Combination of NS & LIJ as rotation site
PH	Plainview Hospital
SIUH	Staten Island University Hospital
SMH	St. Mary's Hospital
SSH	Southside Hospital
SYO	Syosset Hospital
VS	Long Island Jewish Valley Stream
ZHH	Zucker Hillside Hospital
MLTPLS	Multiple Locations/Sites