

	Department of Anesthesiology	
Elective Name	Elective Description	
Anesthesia/Pain Elective length: 2 weeks Students per rotation: 1-2 CMS Students Only	Students rotate through the Department of Anesthesiology for a period of two weeks. During this time, they are given a general introduction to what an Anesthesiologist does professionally. Their rotation will cover a variety of subspecialties including Otolaryngology, Ophthalmology, General Surgery, Orthopedics, Neurosurgery, Urology, Gyn and Peds. Depending on the student's area of interest, they may spend a day in the Pain Clinic or Labor and Delivery. Learning goals include: Airway management, peripheral IV placement, preoperative evaluation, intraoperative anesthetic care, postoperative anesthetic care in the recovery room, surgical ICU, and Pain Management. The rotation coordinator will be Dr. Connor Shannon. The students will work with a variety of Anesthesia staff on a day-to-day basis. Their exposure is anticipated to include the insertion of IV catheters, airway management including bag/mask ventilation, intubation skills, and regional	
	anesthesia. At the end of their rotation, the students will be asked to give a 5-10 minute presentation on an Anesthesia related topic. This will be presented to Dr. Shannon.	
	Department of Emergency Medicine	
Elective Name	Elective Description	
Emergency Medicine Elective length: 4 weeks Students per rotation: 4-5	Medical students are expected to work 40 hours per week. Shifts are divided evenly between days, evenings, three night shifts and three weekend shifts. Shift hours include: 7am – 3pm, 8:30am – 4:30pm, 10am – 6pm, 2pm – 10pm, and 7pm – 3am. If you cannot make your shift due to illness, etc., you will be required to make up the time at a later date. Medical students are expected to attend the UIC Emergency Medicine Residency conferences held at the UIC, Masonic, Mercy and Lutheran General.	

Department of Family Medicine	
Elective Name	Elective Description
Family Medicine Elective length: 4 weeks Students per rotation: 1	Medical students are taught by Family Medicine attendings and second and third-year Family Medicine residents. Students have the opportunity to see the wide range of ages and medical conditions typical of a Family Medicine practice in the outpatient setting of Lutheran General's Family Medicine residency program. These include, but are not limited to adult and pediatric health maintenance exams, chronic patient follow-up visits, a broad variety of acute medical concerns affecting patients of all ages, and a wide variety of procedures, including minor skin procedures, joint injections, pap smears, IUD and Nexplanon insertions, endometrial biopsies,
	colposcopy, punch biopsies, and casting. Students are encouraged to attend weekly lectures with our residents on common primary care topics and are welcome to join the Family Medicine service on inpatient rounds. Typical rotation hours are 9 AM - 5:30 PM with no evening, weekend, or night call.



Department of Internal Medicine	
Elective Name	Elective Description
Ambulatory Medicine/Primary Care Elective length: 2 or 4 weeks Students per rotation: 1	Students learn principles of ambulatory medicine while seeing patients in a busy general Internal Medicine Office. Students see both new and established patients with responsibility for evaluating the patient, formulating an assessment, implementing management, and performing documentation in Epic under close supervision of teaching faculty. Any patients hospitalized from the office are seen on early morning rounds. Various "field trips" supplement learning. Typical working hours: 7:45 AM to 5:45 PM, 3 days per week, seeing patients, plus flexible hours for field trips, 2 days per week. No weekends or holidays. No night call.
Cardiology-Telemetry Elective length: 4 weeks Students per rotation: 1	This elective will allow the student to increase his/her knowledge of cardiovascular pathophysiology through involvement in all aspects of clinical Cardiology. Participation in daily consult and coronary care rounds will allow exposure to patients with arteriosclerotic, hypertensive, valvular and congenital heart disease. Students are encouraged to improve their ECG interpretation skills as well as gain an understanding of echo, stress testing and cardiac catheterization. Inpatient only. Monday-Friday 7:30AM-5:00PM, no weekends, holidays optional. No night call.
Endocrinology Elective length: 4 weeks Students per rotation: 1	The student will be exposed to both common and rare endocrine and metabolic disorders through in-hospital consultations. Through this clinical exposure, the student will be able to expand upon his/her knowledge of the actions of specific hormones and their role in normal body functions and disease states. The student will develop the ability to perform a complete endocrinologic evaluation and interpret the results of both physical examination and laboratory findings. Students will be required to attend the Pathology-Endocrinology-Nuclear Medicine conference, given once a month. 8:00AM-4:00 PM, no weekends, no holidays. No night call.
Gastroenterology Elective length: 4 weeks Students per rotation: 4	10-15 patients with a variety of gastrointestinal and liver diseases are seen in consultation each week. The student is expected to write a complete consultation, learn the indication and contraindication of diagnostic tests and therapeutic procedures, and present the patient to the resident and attending physicians. The student will participate in an active endoscopy service. Reading assignments and lectures will be part of the rotation. The student may spend 2 afternoons a week at the Medical Professional Building in Niles where outpatients with a variety of GI diseases are managed. These patients will be discussed with the attending physician. Student/resident rounds start at 7 am. Attending rounds start at 8 am. Grand Rounds Wednesdays at 9AM. No night call. Monday-Friday 7AM-4PM
Geriatric Medicine Elective length: 4 weeks Students per rotation: 1	The major objectives of this rotation are to gain knowledge and skills in the following: 1) biology of the aging; 2) social and economic issues concerning the elderly in various settings; 3) clinical pharmacology in the aged; the ability to perform a geriatric evaluation including cognitive and gait assessment; 5) evaluation and management of depression and dementia; 6) management of urinary incontinence. Instructional methods include direct patient care, lectures, and seminars. Various sites consisting of ambulatory office, acute care-general medical unit, geriatric psychiatry, geriatric rehab wards, and long-term care will be utilized. The students will see approximately 5 new patients a week. Monday-Friday 7AM-5PM. No night call.
Hematology/Oncology Consultations Elective length: 4 weeks Students per rotation: 1	A 4-week outpatient consultation experience in hematology/oncology is available with emphasis on patient evaluation, pathophysiology of hematologic disorders and oncology, appropriate diagnostic studies, and treatment. Daily consultation with the instructor on outpatient service. Participation in conferences and teaching rounds can be included. Typical hours 8AM-5PM. No night call.



Department of Internal Medicine	
Infectious Diseases Elective length: 4 weeks Students per rotation: 1	The objective of this elective is to provide the student with a broad experience in clinical infectious diseases. The student will actively participate in the hospital consult service and be taught during patient discussions. The student will gain experience in common bacterial, viral, fungal and parasitic diseases, as well as nosocomial infections and the appropriate use of antibiotics. Daily informal lectures and a structured curriculum will be provided. 7:30AM-5:00PM Monday-Friday, no holidays. No night call.
Inpatient General Medicine Sub-Internship Elective length: 4 weeks Students per rotation: 1-2	A 4 th year medical student will be assigned to an inpatient team and will work under direct supervision of the PGY III with input from PGY II and Interns. The student will carry between 2 - 4 patients on this service. He/she will have many of the same functions as an intern, but with closer supervision. All student orders must be co-signed by either an intern or 3 rd year resident. Students will be expected to perform histories and physicals on their patients as well as write daily notes and orders. They will make work rounds with their teams and go to teaching rounds. Students will be expected to work on Saturdays and/or Sundays with their team. Only one absence is allowed, including interviews, exams, holidays, and sick days. Expect a night call once per week.
Nephrology and Hypertension Elective length: 4 weeks Students per rotation: 1	The goal of this elective is to provide a perspective into various aspects of renal pathophysiology including acute and chronic renal failure, glomerular and tubulointerstitial diseases, nephrolithiasis and hypertension as well as acid-base, fluid and electrolyte disturbances. The student will see patients both in hospital and in an ambulatory setting, approximately 3 hospital consults and 3 new outpatients per week. Ample opportunity will be provided for discussion of patients on daily inpatient rounds, radiology review sessions, and in renal clinic. Didactic sessions including problem-solving exercises, computer-based tutorials and student prepared reviews will focus on major topics in Nephrology and will supplement a monthly renal-urology conference. 7:30AM-6:00PM Monday-Friday, no holidays. No night call.
Physical Medicine & Rehabilitation Elective length: 4 weeks Students per rotation: 2	This 4-week rotation will expose the student to common inpatient rehab diagnoses such as stroke, traumatic brain injury, trauma, Parkinson's, amputees, and other diagnoses. The student will have an opportunity to be involved in neuropsychological testing, orthotic and prosthetic usage, video swallow studies, and observations of physical, occupational, and speech therapies. The student will write progress notes and follow patients on the inpatient rehab unit, attend weekly journal club (Thursdays) and lectures by physiatrists. Monday thru Friday 8AM-5PM. No night call. (Hours may vary).
Pulmonary Medicine Elective length: 4 weeks Students per rotation: 1	The student will improve skills in the diagnosis and treatment of pulmonary disease and the interpretation of pulmonary function tests. Students will participate in inpatient pulmonary consultation, management of mechanical ventilation and diagnostic techniques including endotracheal intubation, fiber-optic bronchoscopy and thoracentesis. Outpatient Pulmonary Clinic is available to interested students up to four half-days per week. A brief didactic seminar on a pulmonary topic of interest will be completed. Monday-Friday 8AM-4PM, no holidays. No night call.

Department of Obstetrics/Gynecology	
Elective Name	Elective Description



Department of Obstetrics/Gynecology	
Gynecologic Oncology Elective length: 4 weeks Students per rotation: 1	This elective focuses on the diagnosis, treatment, and follow-up of gynecologic malignancies. Participation in surgery is required. At least one informal presentation is required. Hours are 5:30am to 6:30pm, Monday – Friday. Rotation objectives include: 1) increased exposure and awareness of advanced gynecologic malignancies; 2) increased involvement in the outpatient diagnosis, treatment, and management of gynecologic malignancies; 3) inpatient and surgical management of gynecologic malignancies; 4) exposure to chemotherapy and Radiation Oncology as related to Gynecologic Oncology. Night call is optional.
Maternal Fetal Medicine Elective length: 4 weeks Students per rotation: 1	In the inpatient area, the student will be involved with antepartum patients with pregnancy complications under the supervision of a senior resident and perinatologist. There are daily teaching rounds on these patients that the student will attend. In the outpatient perinatal center, the student will work with a senior resident and a perinatologist managing high-risk patients. Hours are 6:30 am to 5:30 pm, Monday - Friday. Rotation objectives include: 1) screening pregnant patients for risk factors; 2) management basics of the most common high-risk pregnancy: e.g. diabetes, hypertension, kidney disease, premature labor and premature rupture of membranes; 3) methods for prenatal diagnosis such as MSAFP, amniocentesis and Level II ultrasound; 4) appropriate use of ultrasound in high-risk pregnancies; 5) fetal heart rate monitoring for high-risk pregnancy, including NSTs and OCTs; 6) frequency of congenital anomalies and the most common types of malformations; 7) presentation of a topic chosen based on the rotation clinical experience. Night call and weekends are optional, but encouraged.
Urogynecology Elective length: 4 weeks Students per rotation: 1	This elective offers an introduction to the diagnosis and treatment of incontinence and pelvic organ prolapse. The student will be involved in the office evaluation of patients and participate in surgical procedures. Observation of urodynamic testing is also included. Rotation objectives include: 1) anatomy and functioning of the lower urinary tract and pelvic floor; 2) components of an history and physical exam pertinent to the evaluation of lower urinary tract symptoms and signs; 3)etiology, signs, symptoms, diagnosis and treatment of genuine stress incontinence and detrusor instability, urodynamic evaluation and the role of behavioral pharmacologic and surgical therapy in the management of incontinence; 4) etiology, predisposing factors, symptomatology, diagnosis and management of pelvic organ prolapse, including both nonsurgical and surgical therapies; 5) diagnosis and treatment of acute chronic and recurrent infection of the urinary tract. Monday thru Friday 7AM-5PM. Night call is optional, but encouraged.
Minimally Invasive Gynecology Elective length: 4 weeks Students per rotation: 1	This elective focuses on the diagnosis, treatment, and follow-up of benign gynecologic disorders including but not limited to pelvic pain, infertility, abnormal bleeding, fibroids, endometriosis, and adnexal masses. Participation in surgery is required. At least one informal presentation is required. Hours are 7:30am to 6:00pm, Monday – Friday. Rotation objectives include: 1) increased exposure and awareness of advanced gynecologic benign diseases; 2) increased involvement in the outpatient diagnosis, treatment, and management of benign gynecologic disorders; 3) inpatient and surgical management of gynecologic emergencies; 4) exposure to advanced disease treated with outpatient procedures including mainly laparoscopy and hysteroscopy. Students work 40 hours a week. No weekends or holidays. Night call is not available.
OB Night Float Elective length: 4 weeks Students per rotation: 1	On the OB Night Float Rotation, the student will be involved in triaging patients in Labor and Delivery and will participate in monitoring patients in labor as well as participating in vaginal deliveries, operative vaginal deliveries, and Cesarean sections. There is also the opportunity to participate in postpartum rounding as this is done by the night shift residents prior to their sign out. If interested, the student will have the option to participate in the evaluation of patients presenting to the Emergency Department with both obstetric and gynecologic problems. The student will work with the senior resident on OB Night Float as well as the OB Hospitalist. Schedule will follow that of the Senior resident on Night Float.



Department of Pediatrics	
Elective Name	Elective Description
Genetics	This is an observational outpatient rotation with emphasis on dysmorphology evaluations, genetic counseling, and understanding of the most current state of genetic testing. The student
Elective length: 4 weeks Students per rotation: 1	will attend general genetic outpatient clinics and a multidisciplinary Down syndrome clinic. Monday-Friday 8AM-5PM. No Holidays. No night call.
Neonatal Perinatal Medicine (NICU) Elective length: 4 weeks Students per rotation: 1-2	The student will become acquainted with the current management of the high-risk newborn during the immediate perinatal period, including the delivery room and the NICU. The rotation will expose the student to state-of-the-art technology like ECMO, Neopuff, High Frequency Oscillating Ventilator, Pre and Post-Operative Evaluations and Management of Congenital Heart Disease, Neurosurgical and General Surgery patients. Typical day hours: 7:00am to 4pm and night call starts at 6pm and will be done next day before 10am after rounds. Four night calls in the rotation with one of those being a week end day. No need to come on weekends or holidays unless on call.
Pediatric Critical Care (PICU) Elective length: 4 weeks Students per rotation: 1	The Pediatric Intensive Care Unit (PICU) provides comprehensive care for the most critical pediatric patients. The unit cares for patients with a wide range of illnesses and injuries and supports many of Advocate Children's Hospital's post operative patients. The PICU receives patients from many hospitals in the Chicagoland area in need of a higher level of care. The unit is managed by 12 pediatric intensivists with two teams compromised of hospitalists, nurse practitioners, students, residents, and fellows. Structured teaching is provided on most days by the attending and fellow in addition to attending resident noon conference. The day shifts are 6am-5pm and there is one week of nights (5pm-6am) during the rotation . No holidays.
Pediatric Emergency Medicine Elective length: 4 weeks Students per rotation: 1	The student will be familiarized with the triage, evaluation and care of the acutely ill or injured child. The student will develop clinical diagnostic skills and will learn about the use of laboratory, especially radiographic tests. Students will initially see patients with a resident/ attending. Students will progress to seeing patients independently, presenting to resident/attending. Shifts are 12:00 pm – 12:00 am (10 shifts) or 2:00 pm – 12:00 am (12 shifts). For a total of 120 hours.
Pediatric Endocrinology Elective length: 4 weeks Students per rotation: 1	This elective will introduce the student to the endocrinology of infants, children and adolescents. The application of basic endocrine physiology in the diagnosis and treatment of these disorders will be emphasized. Highly outpatient oriented. 7:30AM-5:00PM, no weekends or holidays. No night call.
Pediatric Hematology/ Oncology Elective length: 4 weeks Students per rotation: 1	A 4-week outpatient experience in pediatric hematology/oncology is available with emphasis on the outpatient practice and inpatient consultations. Additional exposure to the inpatient service is also available, especially with the management of new diagnoses. Learning objectives include patient evaluation, pathophysiology of hematologic and oncologic disorders, use and interpretation of diagnostic studies, and principles of treatment. There will be daily consultation with instructors on the outpatient service. Participation in conferences and teaching rounds can be included. Typical hours Monday-Friday 8AM-5PM. No holidays. No night call.



Department of Pediatrics	
Pediatric Infectious Diseases Elective length: 4 weeks Students per rotation: 1	The student will round each week day with the infectious diseases attending and team. Students will be expected to see new consults, obtain a history, perform a physical exam, and develop a management plan before presenting to the team. Students will pre-round on their patients each morning and present on rounds. Students can expect to see a variety of inpatient infectious diseases during the rotation. They will learn about appropriate diagnostic testing and treatment (including discussion of appropriate use of antimicrobials) of common infectious diseases. There is no call obligation.
Pediatric Nephrology Elective length: 4 weeks Students per rotation: 1	The student will participate in the evaluation and management of inpatient consultations and outpatient visits to the Pediatric Nephrology service. Typical problems include electrolyte abnormalities, hypertension, nephritic syndrome, enuresis, urinary tract infection and acute renal failure. 8AM-5PM, no weekends or holidays. No night call.
Pediatric Neurology Elective length: 4 weeks Students per rotation: 1	The curriculum of this rotation includes topics such as epilepsy, cerebral palsy, developmental disorders, learning disabilities, attention deficit disorders, infectious diseases of the central nervous system and neuromuscular disorders. The student will attend daily inpatient teaching rounds and daily outpatient clinics. The student will become familiarized with the appropriate clinical applications of neurodiagnostic techniques such as EEG, Video-EEG and neuroradiologic studies. An in-depth oral presentation on a topic in pediatric neurology will be expected at the end of the rotation. No night call.
Pediatric Pulmonology Elective length: 4 weeks Students per rotation: 1	The student will acquire an understanding of the pathophysiology, differential diagnosis, management and prognosis of acute and chronic respiratory disorders in infants, children and adolescents. This includes the appropriateness and risks of various diagnostic and therapeutic procedures, interpretation of test results and assessment of response to therapy. The student will participate in daily inpatient rounds and attend outpatient pulmonology clinics daily and the cystic fibrosis clinic twice a month. A brief oral presentation may be expected by the end of the rotation. Monday thru Friday 8AM-6PM. No holidays. No night call.

Department of Psychiatry	
Adult Consultation/Liaison (Primary) Inpatient Psychiatry (Secondary) Elective length: 4 weeks Students per rotation: 2	This elective will provide students with a strong foundation in Adult Consultation/Liaison Psychiatry. ECT observation is also available. Students have responsibility for their own populations of patients and report directly to faculty psychiatrists regarding their care. This level of responsibility is intended to prepare students for upcoming residency training. Clinical learning is supported by weekly didactic experiences with program residents. Areas of educational focus include: • developing thorough and efficient interviewing and documentation skills • cultivating techniques for creating strong therapeutic alliances • acquiring familiarity with the psychopathology and psychopharmacology commonly encountered in a hospital setting.
	There are no evening call assignments. Saturday morning rounding with the team may occur if/when a make-up for missed days is needed.



Department of Surgery	
Vascular Surgery Elective length: 4 or 8 weeks Students per rotation: 1	Students will learn inpatient care of patients with the broad spectrum of arterial and venous disease. Students will be taught the various diagnostic modalities, including vascular ultrasound and angiography. Students will function as sub-interns on the Vascular Surgery Service, and will be exposed to patient evaluation and decision-making process regarding pre-operative assessment and surgical recommendations following the establishment of vascular disease. They will then accompany those patients to the operating room to better understand the pathology associated with vascular disease and the tools and techniques to treat it. Basic vascular surgical skills will be taught. The students will then participate in the post-operative and post-hospitalization care of their patients. No set night call but the students may participate in night emergency cases.
Orthopedic Surgery Elective length: 4 or 8 weeks Students per rotation: 1	A senior elective in Orthopedic Surgery includes exposure to an active Emergency Room and patients with variable degrees of orthopedic trauma, pre-operative patient evaluation, and intense post-operative care experiences in patients following orthopedic trauma and reconstructive surgery. Two formal teaching conferences are held weekly, and exposure to orthopedics in an office setting is also included. The student will work closely with an orthopedic resident staff under the guidance of an active faculty of attending orthopedists. Monday thru Friday 8AM-5PM. No night call.
Trauma/SICU Elective length: 4 or 8 weeks Students per rotation: 1	M4 students will be part of an interprofessional team of residents, NPs, case managers and attendings. Students will follow the resident didactics from 7am to 8am, then round with the trauma surgeon of the day, residents, NPs, nurses, respiratory therapist, and pharmD starting in the SICU at 9am. Under the direction of the 2nd year trauma resident, the M4 will assist with the formulation of the daily plan of care, patient assessment, review of x-rays and CT's, review of daily lab work, hemodynamic monitoring, ventilator management, total parenteral nutrition and fluid/electrolyte replacement, antibiotic therapy, use of pressors, management of intracranial hypertension, suturing, line placement, etc. Students will see mainly adult patients, will respond to Trauma Activation to the ER and will assist with patient resuscitation. 95% blunt trauma: MVA, falls, motorcycle; 4 – 5% penetrating trauma: knife wounds, gunshot wounds, etc. Students will primarily cover patients in the SICU and SICC (surgical stepdown). Students will participate in Trauma Clinic on Tuesdays from 1 – 2:30 pm and Fridays from 11 am – 12:30 pm. No Burn Unit. Monday thru Friday 6AM-5PM. Rounding on one weekend day is required. Night call is not required. Students are invited to attend all Zoom lectures for the surgical sub-internship.
Peds ENT Elective length: 2 weeks Students per rotation: 1	The Pediatric ENT rotation is set up as a two-week senior elective. The rotation is based at Advocate Lutheran General Hospital in addition to some local off campus clinics. The rotation provides exposure to a full spectrum of Pediatric ENT surgeries and clinic (some exposure to adult ENT is also possible). The rotation allows exposure to all physicians in our practice with multiple opportunities for learning. Students will also learn and be exposed to inpatient rounding and consults. Each student will be expected to give a short informal presentation toward the end of the rotation about an ENT topic of their choice. At the conclusion of the rotation each student will have a significant enhancement in their ability to perform a complete ear, nose and throat history and physical examination. This rotation is for M4s, however, M3s that are pursuing an ENT residency will be considered. The rotation is M-F from 7:30 am to 5:30 pm (occasionally with early release), no weekends or holidays. No call.



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Department of Surgery

General Surgery Sub-I

Elective length: 4 weeks Students per rotation: 1

Chicago Medical School Students Only

The General Surgery Sub Internship is a 4-week rotation restricted to CMS students. The rotation is primarily inpatient. The curriculum covers the common core sub internship objectives including performing history and physical exams, developing treatment plans and writing orders, demonstrating effective oral and written communication, demonstrating accountability and professionalism, practicing problem solving, performing a safe discharge, and working within an interprofessional team.

The student will work as a part of a patient care team including 3rd year clerks, interns, residents, and attending surgeons. They will be expected to assume primary responsibility for a significant portion of the team's patient care, emphasizing preoperative and post-operative care. They will be expected to prioritize and organize their work: to work efficiently and demonstrate time management skills, coordinating care at the level of an intern simultaneously for multiple patients. They will work cooperatively with the entire patient care team including attendings, residents, nurses and ancillary staff. They will be responsible for daily notes, presentations, pre and post-operative notes, daily handovers, and discharges. They will coordinate care for their patients throughout their hospitalization including anticipating care needs, addressing changing priorities, communicating effectively at the time of admission, with consultants, during handovers, and during discharge planning. Attendance at all lectures/activities is expected.

General Surgery

Elective length: 4 weeks Students per rotation: 1 The student will work as a part of a patient care team including 3rd year clerks, PA students, interns, residents, and attending surgeons. They will be expected to assume primary responsibility for a significant portion of the team's patient care, emphasizing preoperative and post-operative care. They will be expected to prioritize and organize their work: to work efficiently and demonstrate time management skills, coordinating care at the level of an intern simultaneously for multiple patients. They will work cooperatively with the entire patient care team including attendings, residents, nurses and ancillary staff. They will be responsible for daily notes, presentations, pre and post-operative notes, daily handovers, and discharges. They will coordinate care for their patients throughout their hospitalization including anticipating care needs, addressing changing priorities, communicating effectively at the time of admission, with consultants, during handovers, and during discharge planning. Attendance at all lectures / activities is expected.