2017 Third- and Fourth-Year Medical Student Clerkship Brochure

Lankenau Medical Center
and
Bryn Mawr Hospital

mainlinehealth.org/clerkships-electives/
jefferson-medical-college-clerkship
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## CONTACTS

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### Lankenau Medical Center

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THIRD-YEAR STUDENT CLINICAL CLERKSHIPS
Rotation Description
At Lankenau Medical Center, we consider third year students rotating with us valuable members of the health care team and encourage independent thinking and a sense of “ownership” of patients students are caring for. Each third year medical student is assigned to a general medicine inpatient service comprised of a hospitalist or general internist, a resident, an intern, and sometimes a fourth year student. The third year student works most closely with the resident and attending physician while the fourth year student works with the intern and attending physician.

Each student arrives daily at 6:30 am and pre-rounds on their old (and possibly new patients) until approximately 9:45 am. Students meet with their team to complete multidisciplinary care rounds at 9:45 am and then begin bedside teaching rounds with the attending and rest of the team. Other clinical and educational activities with the patient care team include completing procedures, didactic lectures with the teaching attending, or topic presentations by the students. Our goal at all times is to practice and demonstrate cutting-edge evidence-based, high quality, and safe medicine.

Evaluation is a very important component of our program as we deeply believe in evolving our student educational programs to best suit the changing needs of today's medical students. Every student rotating on medicine at Lankenau Medical Center is expected to complete a monthly evaluation of our program and their team. These evaluations are held for six months to ensure anonymity.

Lecture Series
Every day, students attend a 12:00 pm teaching conference. Some of these conferences are specifically intended for the third year medical students on topics chosen from the Sidney Kimmel Medical College third year curriculum. These lectures are given by an attending or fellow in his or her field of expertise. At additional noon conferences, students join the medical residents for a didactic lecture on a specific medical topic or for intern report.

A weekly case presentation conference for third year students with a senior resident and one of the program directors is one of our most popular activities. These ungraded conferences allow students to take greater intellectual leaps in a non-threatening, relaxed environment. These conferences are also designed to encourage early development of teaching skills and discussion leadership skills in third year students.

Students will also spend time with simulation based training where clinical skills are directly observed by an attending and senior resident with immediate feedback provided.

Students are expected to attend additional lectures including Morbidity and Mortality Conference and Grand Rounds as well as some other subspecialty lectures.

Average patient load
Third year medical students are assigned to two to four patients. When seeing a new patient, students are expected to complete and record a thorough history, physical, assessment and plan which they will review with their resident and attending. On subsequent days, students are responsible for seeing all their patients before rounds and completing a “SOAP” note daily. This
note is entered into our electronic medical record. Significant focus is placed on developing excellent and succinct presentation skills that will serve students well on later rotations and throughout their careers.

**Work hours**
Due to the extensive weekday educational schedule, students are expected to begin the day at 6:30 am when the interns arrive. The usual teaching schedule finishes around 4:00 pm Monday through Friday. There is no overnight call. However, students are expected to stay until 8:00 pm on nights when their residents are on “Long Days.” Students are expected to come in on one weekend day two times per month when their resident will be seeing patients by themselves.

**Number of students on rotation**
During each four week block there are usually seven third-year Jefferson medical students and one PCOM student on the internal medicine rotation. Each team may also have a fourth year medical student.

**Procedure exposure**
Students are encouraged to learn procedures such as phlebotomy, IV placement, and arteriopuncture for ABGs. Students will have many opportunities observe and potentially participate in procedures such as thoracentesis, paracentesis, and lumbar punctures. Students are strongly encouraged to accompany their patients to cardiac catheterizations, surgical procedures, and endoscopies.

**Description of a “typical day”**
A typical day for a third year student begins at 6:30am when they are assigned new patients and pre-round on their new and old patients. Resident-led teaching is then held to review the student’s patients and solidify care plans prior to rounds. Multidisciplinary team discharge rounds take place on each geographically-assigned floor daily at 9:45 am. Attending rounds are held Monday through Friday at 10:00 am for each team on each floor with the team’s assigned teaching attending. Students attend daily noon conferences. Afternoons involve completing unfinished morning responsibilities, working-up new patients, and/or didactic experiences with the attending. The afternoon ends with sign-out on each floor at 4:00 pm or when the patients are sufficiently tucked in for proper sign-out.

**CONTACT**
Brittany Cavanagh
Program Coordinator
cavanaghb@mlhs.org
Third-Year Clinical Clerkship  
Obstetrics and Gynecology, Lankenau Medical Center

The Department of Obstetrics and Gynecology at Lankenau Medical Center has been teaching the third-year CORE curriculum to junior medical students for more than 30 years. Our faculty and residents are committed to teaching students, who readily become part of the OB/GYN team, function at a high level, and uniformly report a positive experience.

**Clinical Experience**

Students rotate through gynecology, obstetrics to include the Antepartum Unit (APU), clinic, and night float. Students perform histories and physical examinations; write progress notes and orders on patients daily. The student is always precepted by the appropriate resident. Students typically follow between three to seven patients per day depending on their ability, and ultimately are expected to be highly involved with patient care. Following is a brief description of the specific experience received on each service.

**Clinic** – There is a week dedicated to working in our clinic outpatient service. During this week you will attend all clinic sessions. The chief residents and attending faculty supervisors along with our nurse practitioner, and certified nurse midwife teach students during this time in clinic. Students have the opportunity to observe a variety of obstetric and gynecologic conditions—from normal through high risk obstetrics and from routine annual gynecology exams through serious gynecologic pathology requiring medical and surgical intervention.

**Gynecology** – Under the direction of the GYN chief, students are assigned to the OR to assist with cases. Surgery can occur on any day of the week with our most heavy days being Tuesdays and Thursdays. Procedures are done in both the Ambulatory Procedure Center, where most minor cases take place, and the main operating room where major abdominal, laparoscopic and vaginal surgery is performed. This is a unique experience because of the opportunity to assist not only senior residents but also private faculty, thereby witnessing different operative techniques. Students are expected to have performed a patient’s physical and be knowledgeable of the history, diagnosis and impending procedure.

**Obstetrics** – This student is exclusively in the Labor/Delivery Suite, the APU and on the mother/baby floor. The PGY-2, who is the first line in-charge physician in labor and delivery and the chief obstetric resident supervise the student. With four maternal-fetal medicine specialists on the faculty and a level III neonatal intensive care nursery, there is ample exposure to both normal and high-risk deliveries. Once again, with both a private and clinic patient population, students may witness a variety of delivery methods including vacuum, forceps and cesarean sections. Students are expected to follow patients from admission throughout labor, delivery and their postpartum course.

**Night Float** – Under the direction of the night float team of residents this student covers the entire house for OB/GYN just as the residents on the night float rotation do. The majority of time is spent in labor and delivery but the experience also encompasses OB/GYN patients in the emergency room, whether requiring consultation or possible emergent surgery.

**Didactics**

Students are exposed to multiple opportunities for didactic learning. There is mandatory attendance at student lectures given by members of the faculty, morning report, and the weekly departmental conference. Included in this listing are problem-based learning sessions facilitated
by the student director. Conferences, lectures and rounds take precedence over all other duties. Students are responsible for all material given in conferences whether or not they attend.

**Work Hours**

Under the direction of the chief resident the students’ day begins depending on the assigned service and the volume of patients being followed. The first order of business is morning rounds, which begin at 6:00 am depending on the service you are covering and need to be completed by 7:00 am or 7:30 am. You are expected to be on the floor ready for rounds with the resident at the designated time. Students are dismissed at the conclusion of sign out daily, which generally occurs at 5:30 pm. Students are assigned one 12-hour shift on a Saturday during their rotation.

**CONTACT**

Trish Luner
Program Coordinator
lunerp@mlhs.org
Third-Year Clinical Clerkship
Surgery, Lankenau Medical Center

The rotation consists of a six-week clinical experience as a junior member of the surgical team; combined with didactic instruction including problem-based learning and case presentations.

The clinical rotation is an opportunity to experience the gamut of common general surgical problems as well as a wide range of surgical procedures. The rotation includes exposure to transplant surgery, vascular surgery, surgical oncology, thoracic surgery in addition to general surgery.

The third-year student splits his or her six-week rotation on three separate services consisting of six to eight attending physicians, a chief resident, and three to four other junior residents.

Students are expected to perform patient evaluations, write appropriate progress notes, and follow their patients through surgery and postoperative management. Clinical evaluation skills, introduction to and practice of technical surgical skills including suturing and minor procedures, and the understanding of anatomy are stressed.

Didactic Experience
Patient evaluation and problem-based learning and conferences are held on a biweekly basis throughout the six weeks. Attending physicians from Lankenau proctor the patient evaluation and problem-based learning conferences. In addition, various multi-specialty conferences are held throughout the course of the rotation, including oncology, radiology, and GI conferences.

The didactic experience should provide a broad exposure to all surgical problems as well as improve clinical evaluation skills.

Average Patient Load
Third-year medical students will evaluate patients in the emergency room, preoperative patients, and hospital admissions. The number of primary patient evaluations varies with the ability of the student but ranges between four and ten per week. Students usually follow three to five patients on their teams. Both junior and senior residents review the patient evaluation and provide feedback, as well as assist in writing orders. The student is responsible for follow-up evaluations and progress notes on his or her patients during their stay in the hospital. Teaching rounds are performed by the residents as well as the attending staff.

Preceptorship
The third-year student is not assigned to any one physician as a preceptor, but has access to junior and senior residents in each service, as well as the attending staff. Experience is gained both on the wards and in the operating room. Students are considered part of the team and receive the same attention in terms of education as the resident staff.

Work Hours
Due to the nature of a surgical rotation, duty hours vary considerably. Since the surgical experience involves not only time on the wards evaluating patients, but also a significant amount of time in the operating room, exact start and finish times cannot be guaranteed. Sign in rounds each morning for each team occur at 6:30 am and patients are usually seen prior to this time. Sign out rounds in the evening usually occur at approximately 6:00 pm, but on many days OR cases and emergencies may delay the time for sign out. Third-year students are not expected to come to the hospital on Saturdays or Sundays unless they are on call. The lecture series at Jefferson Medical College takes priority over hospital responsibilities.
**Night Call**
Night call for a third-year student will occur no more often than every fourth night. During the call, the third-year student is expected to see consults in the ER, admissions to the hospital, and emergency cases in the OR. This experience generally requires a third-year student to remain in the hospital overnight. Overnight sleeping quarters are available.

**Number of Students on Rotation**
There are usually five to seven third-year medical students at Lankenau Medical Center. There may also be fourth-year students on rotation.

**Description of a Typical Day**
A typical day for a third-year clerk in surgery begins at approximately 5:30 am. Following round on his or her patients, sign in with the team occurs at approximately 6:00 am. All patients on the team are discussed at that time. Conferences are held on Tuesday and Thursday mornings following sign in and include patient management conferences. Rounds then occur with the attending staff. Students assigned to cases in the OR should be present 15 minutes prior to the procedure. Operations occur Monday through Friday beginning at 7:30 am. **You should attend surgical clinic or an attending's office hours at least once a week.** Following attending rounds, students will either be in the OR, evaluating new patients, performing procedures on the ward, or revisiting patients on the service. Educational conferences are scheduled on Tuesdays and Thursdays at noon, as well as other afternoon conferences. Sign out rounds with each team usually occur at approximately 6:00 pm. However, there may be many reasons for staying later than 6:00 pm. There are many opportunities for learning throughout the day and the student that is enthusiastic, inquisitive, aggressive, and independent will take away what he or she needs to learn from the surgical rotation.

**CONTACT**
Donna Heyduk
Program Coordinator
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Third-Year Clinical Clerkship
Anesthesiology, Bryn Mawr Hospital

JEFF Students Only

Course Description
Students will have the unique opportunity to work with anesthesiology attendings in a physician-only private practice.

Goals

- To acquire a basic understanding of the critical role of anesthesiologists in the perioperative care of surgical and obstetric patients. Students may also be involved in anesthesia cases in "off-sites" (EP/cath lab, neurointerventional lab, intervention radiology, IVF, endoscopy, ECT, bronchoscopy).

- To connect the academic basis of anesthesiology with the clinical care of patients. We want students to enjoy learning in a non-threatening environment.

- To understand the basics of airway management and acquire skill at mask ventilation. Students may have the opportunity to attempt placement of laryngeal mask airways and endotracheal tubes but will not be expected to gain proficiency at these procedures.

- To gain practical experience in the safe use of syringes, intravenous lines, and proper technique in handling medications.

- Exposure to the challenges physicians face in the contemporary surgical environment.

Eric Rosenberg, MD
Clerkship Director

CONTACT
Arleen Zalewski,
Program Coordinator
zalewskia@mlhs.org
As a third-year medical student, you will experience Family Medicine at a nationally recognized Patient Centered Medical Home at the Bryn Mawr Family Practice Center. You will work closely with our attendings and residents in our outpatient office and practice the full scope of family medicine. A week long in-patient experience is also included to learn about the family practice model and understanding the transitions of care. The physicians who work with you will submit formal evaluations to the course director who compiles a composite evaluation at the end of the rotation.

Most of your rotation will take place at the Family Practice Center located in the Lawrence Park Shopping Center, Broomall, Pennsylvania—less than six miles, or 15 minutes, from Bryn Mawr Hospital. Your days will begin at 9:00 am. A student schedule, lecture schedule and directions will be distributed during your orientation to the clerkship. **A CAR IS MANDATORY FOR THIS ROTATION.**

*We are happy to answer any questions you have about the rotation.*
*Good luck with your third year!*

Sincerely,

Joseph Greco, MD  
Winson George, PhD, DO  
Daniel Wolk, MD

Program Director  
Co-Clerkship Director  
Co-Clerkship Director

**Student Lecture Series - Guideline for Presentations**

- Alternate Fridays at the Family Practice Center
- Topics are from the 18 common diagnoses in family medicine
- Presentations should be 10 minutes in length, as if for patient education (8th grade education level). Dr. Wolk will play the patient, regardless of age or gender!
- Information should come from your textbook “Essentials of Family Medicine” and other appropriate sources, including reputable patient-oriented websites.
- No PowerPoint or overheads necessary. Patient education handouts or other materials are welcome.

**CONTACT**  
Franca Guidone  
Program Coordinator  
guidonef@mlhs.org
Third-Year Clinical Clerkship
OB/GYN, Bryn Mawr Hospital

Rotation Description
A typical day will involve assignment to a specific physician on staff along with orientation to the labor and maternity floors. The student will be assigned to specific patients for continuity and follow up of their care throughout the patients hospital stay. The maternity floor experience will involve rounding on inpatients with the assigned faculty and the review of management issues. The labor floor experience will include observation and participation in vaginal births, c-sections, antepartum admissions and triage. If time permits there will be structured time in the OR or in the surgicenter for observation and participation in GYN cases along with outpatient clinic at an attending’s office. Also utilized are the Main Line Health and Bryn Mawr Women’s Health Services.

Night call/Night Float
The call requirements are flexible. Students will do a week of night float with the assigned physician on duty (Monday to Friday).

Evaluations
Evaluators consider the student’s professionalism, conscientiousness, motivation, history taking, patient interaction, medical knowledge, case presentation and problem analysis. Verbal feedback is provided on a daily basis by the attending the student works with. Each student will have a formal mid-rotation meeting with the clerkship director to evaluate the student’s progress, opportunities to improve, strengths, etc. Communication skills and team participation are important. Students are directly supervised by their attending physicians.

CONTACT
Arleen Zalewski
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Third-Year Clinical Clerkship
Psychiatric Unit Clerkship, Bryn Mawr Hospital

Rotation Description
All Medical Students are introduced to the unit and oriented by the patient care manager. They receive the same orientation as new employees when they arrive on the psychiatric unit after which they are given a tour. They are required to sign a confidentiality statement and, if it is flu season, show proof of vaccination. The student will have access to the computer system and receive an overview.

Students are introduced to the psychiatric resident and attending physicians that they will work with throughout the clerkship. On Tuesdays they accompany a physician to the medical floors to observe psychiatric consultations. The students are involved with patients assigned by the resident and attendings. They are invited to attend treatment team meetings, family meetings, groups, code green (Psychiatric Emergency) and Schwartz Rounds. They also work closely with the social workers with respect to disposition of the patient. Students are encouraged to interact with the patients as much as possible, especially those that appear to be in distress. The students do research for the resident and attending if time permits, history and physicals on the patient, and communicate with family members if required. Students will document in the chart under the supervision of the resident. Students have the opportunity to work with a crisis intervention specialist in the emergency room with the incoming psychiatric patients. They also give case presentations to the nurses and doctors on subjects chosen by the resident.

Evaluations
Evaluators take the student’s attitude, motivation, initiative, reliability, compassion and commitment to learning along with patient interaction and interaction with the staff into consideration. Demonstrating initiative and participation are important aspects of the clerkship. The ability to analyze problems with medical knowledge integrated with psychiatric knowledge is a valuable asset. The Students receive feedback from the resident, attending physicians and patient care manager on a routine basis and are given the opportunity to verbalize their needs and areas they wish to strengthen.

Bryn Mawr Hospital
The Psychiatric Unit is a 20 bed general psychiatry unit and known for our high level of personalized care, excellent physicians and nursing staff.

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Program Coordinator
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Third-Year Clinical Clerkship
General Surgery, Bryn Mawr Hospital

Steven Myrick, MD
Clerkship Director

During this rotation, Jefferson medical students work very closely with the surgical residents rotating to Bryn Mawr Hospital from Thomas Jefferson University.

Students must attend at least four Surgical Conference Didactics from the schedule which includes Tumor Board, Mortality and Morbidity Conference, Breast Surgery, Grand Rounds; however, in addition to that the clerkship director along with other surgical attendings hold their own specific educational time for students making it a personalized interaction between the physicians and the learner. Students will need to complete a Bedside Observation and Feedback form completed by a resident or attending along with a clinical skills checklist that covers everything from Feedback, Essential Surgical Conditions, Desirable Surgical Conditions, Essential Clinical Skills, Laparoscopy, etc leaving the student exposed to the many aspects of general surgery and a wonderful academic experience.

**Night call**
Students take call Q6 which includes one Friday, Saturday and Sunday during the rotation.

**Evaluations**
Evaluators’ consider the student’s attitude, conscientiousness, motivation, history taking, patient interaction, medical knowledge, case presentation and problem analysis. Verbal feedback is provided on a daily basis by the attending the student works with. Each student will have a formal mid-rotation meeting with the Clerkship Director to evaluate the student’s progress, opportunities to improve, strengths, etc. Communication skills and team participation are important. Students are directly supervised by their attending physicians.

**CONTACT**
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Program Coordinator
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FOURTH-YEAR STUDENT
CLINICAL CLERKSHIPS
Fourth-Year Clinical Clerkship
Internal Medicine, Lankenau Medical Center

Expectations
Our goal is to provide you with a true general medicine experience and help you develop the clinical skills, organizational skills, and confidence necessary to become an outstanding house officer. Your duties include but are not limited to:

1. Performing full detailed histories and physical exams
2. Developing assessments, differential diagnoses, and treatment plans
3. Daily detailed progress notes (electronic)
4. Attending various medical lectures and conferences
5. Presenting during daily rounds to your attending and residents
6. Carrying four to five patients at one time
7. Entering orders for your patients (orders will need to be cosigned)
8. Discussing and presenting your patient to consultants

The most important thing you must do is provide excellent patient care by knowing your patients extremely well. You will also learn the organizational skills that it takes to be a strong intern next year. You should actively read about your patients’ disease processes and always ask questions when you are not sure of something.

Team Setup
Lankenau’s system consists of eight geographically based medical services. You will each be assigned to a floor based team consisting of one resident, one intern, and possibly one fourth-year medical student or another third-year student. You will have one attending “team leader” on your service that is responsible for your teaching and evaluations. A team may have patients who are assigned to private attendings, thus the “team leader” attending is not responsible for their care. You occasionally may have a patient of a private attending, especially if it is a good learning case, but this is very rare. While it is important to recognize you are part of a team, you will be working mostly with your senior resident. He or she will supervise your work and help you place any orders that you write.

Daily Schedule and Call
You will be expected to arrive to the hospital between 6:30–6:45 am to start your day. Upon arrival you will go to your assigned conference room (Resident Lounge) to pick up your sign out from the night float intern as well as any new admissions from the night float resident. You should round on your patients and write your progress notes between 7:00–9:45 am. Each team will have case management rounds between 9:45–10:00 am. Bedside teaching rounds will take place between 10:00–11:45 am. There will be daily Noon conference taking place between 12:00–1:00 pm in the Annenberg building. You should be excused from rounds to attend these as well as all other teaching conferences. During the afternoon you will be responsible for following up on studies and consults your patient may have had, as well as new admissions to your team. On regular days you will be available to take admissions until 4:00 pm. You will be available for longer admissions on “long day” which is every fourth day. This should be scheduled on the same day as your intern and you will be able to admit new patients until 8:00 pm on those days. You are expected to take call on one Saturday and one Sunday during your rotation, again following the call schedule of your intern. You do not have to come in on your post-call day on the weekends. You must sign out your patients every day to either the on-call intern (during regular days) or the night float intern (during long days).
Of note, this year the Intern will have 30-hour call days on their long day that falls on Thursday. We do not have designated call rooms for students to stay in. You have the option of staying later on that day (e.g., 10:00 pm) to help out with admissions on call.

**Hand washing**
You are reminded and expected to wash your hands before and after seeing each patient. If you are cited for not doing so you will receive a warning for the first offense. If you are caught more than once you will receive a score of 1 for professionalism on your final evaluation.

**Absences**
If you are sick or have an emergency you must call or email Dr. Desposito: (201.248.8456, despositol@mlhs.org). All Jefferson students must also notify Emily Stewart. Per Jefferson and PCOM policies, students are permitted up to three days of excused absences. We do understand that your medical school may require your attendance during required exam or lecture days. You are excused from these days. Absences beyond three days will need to be made up on the weekend. Again, all absences must be reported to Dr. Desposito and your team attending.

**Order Entry**
We have recently adopted order entry for fourth-year students. You will attend a brief session on order entry during your orientation. Your orders will need to be cosigned by a senior member of your team prior to the orders being ‘active’. You are able to enter most orders on your patients regarding their care. Orders that should NOT be entered are ‘admit to’ orders, ‘discharge orders’ and ‘code status’ orders. You are not able to discontinue active orders.

**Conferences and Rounds**

**Morning Report**
Resident morning report takes place every morning at 7:45 am or 8:00 am in the Figueroa Conference Room in the Annenberg building. This conference is optional, however attendance is encouraged as your floor work load allows.

**Intern Report**
You should attend intern report every Wednesday afternoon at 12:00 pm in the McLean Conference Room in the Annenberg building.

**Grand Rounds/Post Grand Rounds**
Grand rounds are held in the hospital auditorium at 8:00 am every Friday morning. Post grand rounds are held at 9:30 am in the McLean Conference Room every Friday (you are excused from the beginning of rounds).

**Morbidity and Mortality (M&M)**
M&M conferences are held every second Wednesday of the month in the hospital auditorium (except July/August).

**Fourth-Year Report**
Each student will be assigned a day to bring a case they have been following on the floors for a group discussion. A senior resident on a teaching elective plus one member of the faculty will guide you through the case including differential diagnoses, diagnostic evaluations, and recommended treatments. These conferences take place every Tuesday and Thursday at 1:00
pm in the Figueroa conference room during the first, second and fourth week of your rotation.

Core Lecture Series
You also have a series of core lectures that you are required to attend as part of your curriculum through your medical school. These may be held at 12:00 pm in lieu of your attendance at noon conference. You are excused from your floor duties for ALL lectures.

Simulation Center
During the third week of your clerkship you will have clinical training exercises in the simulation center (top floor of the Annenberg Building directly above the McLean conference room). This will take the place of third year report, please note if you are assigned to come on Tuesday or Thursday.

Physical Diagnosis Rounds
Every other Friday we will be holding physical diagnosis rounds in the hospital. Please make note of which day you are assigned and meet with the teaching resident outside of Annenberg Suite G10.

Other Conferences
Every medical subspecialty has their own conferences you are welcome to attend; medical students are expected to attend the Infectious Disease Conference. Also quarterly medical students will be expected to attend the Harmonious Medical Conference on Tuesdays from 4:30–5:30 pm.

Evaluations
You will be evaluated during this rotation by an attending and a senior resident. You have the option of having multiple attendings evaluate you if you work with more than one. You also have the option of having your intern fill out an evaluation on your behalf. You should be receiving feedback throughout your rotation, and more specifically should ask for a mid-rotation feedback session with your evaluators.

PCOM students should turn in all evaluations to Shannon Savelloni in Annenberg G10 prior to your last day. Jefferson students are expected to assign evaluations in New Innovations prior to the completion of their block.

CONTACT
Brittany Cavanagh
Program Coordinator
cavanaghb@mlhs.org
Allergy and immunology
Division Chief – George L. Martin, MD
Contact their Office for availability at 610.649.9300
- Write up consultations to be reviewed with the attending.
- Round daily with the attending on all patients.
- Learn the value and technique of allergy testing.
- Learn immunologic principles.

Cardiology
Division Chief – Peter R. Kowey, MD
Subspecialty Education Coordinators – Jason Bradley, MD and Jeffrey Wuhl, MD
Contact Roe Wells at wellsro@mlhs.org
- Work up and write up cardiology consultations. These will be reviewed with the attending cardiologist.
- Round daily with the fellows, residents and the attending cardiologists on all patients. Attend cardiac catheterizations.
- Participate in the interpretation of non-invasive testing including echocardiography, nuclear cardiac testing, ECG, and stress testing.
- Learn cardiac physical diagnosis and see a wide variety of cardiac diseases in our tertiary care heart center.
- Attend near daily conference schedule in the cardiovascular division.

Gastroenterology
Division Chief – Giancarlo Mercogliano, MD
- Work up and write up gastroenterology consultations. These will be reviewed with the attending gastroenterologist.
- Round daily on all patients with the gastroenterologist. Attend procedures such as endoscopy and ERCP. Learn about hyperalimentation and nutrition.

Hematology/oncology
Subspecialty Education Coordinator - Oncology - Mary D. Burke, MD
Subspecialty Education Coordinator - Hematology - Erik L. Zeger, MD
- If possible, the student will be scheduled for two outpatient office days per week with a division attending.
- Work up and write up hematology/oncology consultations. These will be reviewed with the division attendings.
- Attend bone marrow aspirations and review slides with the attendings. Learn principles and use of chemotherapeutic agents.
- Participate in weekly tumor conferences.
Infectious Diseases
Division Chief – Mark J. Ingerman, MD
- Round daily with an ID attending, which may include a fellow and/or resident to work up and write up infectious disease consultations. These will be reviewed with the division attending.
- Develop skills in the differential diagnosis of ID, physical examination in ID, treatment options including antibiotic therapy for infections and learn how to formulate an ID consultation.
- Learn the appropriate use of diagnostic tests, including antibiotic susceptibility testing.
- Gain experience in the use of the Microbiology Lab in the diagnosis of infectious diseases.
- Attend ID conference and daily medical lectures while on ID service.
- Didactic learning on various ID topics relevant to daily patient care.

Medical Intensive Care Unit
Lankenau Medical Center is a tertiary care hospital. The intensive care unit has a wide variety of critically ill patients. Multidisciplinary care of these patients is provided under the guidance of the critical care senior medical residents, cardiovascular and pulmonary/critical care, fellows and attending staff. The student will participate in all aspects of care of these critically ill patients. The student will attend bedside rounds daily with the team and will also attend daily teaching rounds with the attending staff.

Nephrology
Division Chief – Robert L. Benz, MD
Subspecialty Education Coordinator – Geoffrey Teehan, MD
- Work up and write up nephrology consultations. These will be reviewed by the attending nephrologist.
- Round daily on all patients with the residents, fellows and division attendings.
- See a wide variety of renal and electrolyte disorders.
- Exposure to hemodialysis, peritoneal dialysis and renal biopsy.
- Review biopsies with nephrologists and pathologists.

Outpatient
Senior Advisor LCCC – Susan Burke, MD
- Attend the outpatient medical clinic and noon conferences daily, Monday through Friday.
- Evaluate new and follow-up clinic patients with emphasis on securing a detailed medical history and performing a physical exam.
- The student will review the patient with the clinic chief or other assigned resident. Together they will present the patient to one of the attending physicians and discuss diagnosis and management options.

Pulmonary
Division Chief – Donald D. Peterson, MD
Subspecialty Education Coordinators – Lee Greenspon, MD and Leah Lande, MD
- Work up and write up pulmonary consultations. These will be reviewed by the attending pulmonologist.
- Round daily on all patients with the resident, fellows and the attending pulmonologist.
- See a wide variety of pulmonary diseases and learn how to interpret pulmonary function test. Learn medications and contraindications and assist at bronchoscopy, pleural biopsy
and thoracentesis.

- Gain experience in the Sleep Disorders Center and learn ventilator management.

**Rheumatology**
Division Chief – Gary V. Gordon, MD
Subspecialty Education Coordinator – Thomas P. Harder, MD

- Work up and write up rheumatology consultations. These will be reviewed with the attending rheumatologist.
- Round daily on all patients with the attending division physician.
- Develop skills in examination of the muscular skeletal system and complete joint examination.
- Learn to aspirate joints and interpret the joint fluid laboratory results.
- Learn to identify crystals on microscopic examination.
- Learn how to relate and interact with other disciplines such as physical medicine and rehabilitation.

**Lankenau Institute for Medical Research**
Department Head – James M. Mullin, PhD

The Lankenau Institute for Medical Research’s (LIMR) dedication to education is part of our mission to train the next generation of scientists and physicians. We offer students opportunities for undergraduate internships, graduate training, postdoctoral fellowships, and medical resident and fellow training. Each year, LIMR hosts more than two-dozen interns, residents, fellows, and volunteers, working on projects related to cancer, cardiovascular disease, and diabetes.

Please visit [limr.org/education](http://limr.org/education) for more information.
Fourth Year Clinical Clerkship
Surgical GYN, Lankenau Medical Center

(ONLY JEFF STUDENTS)

This is an inpatient Acting Internship focused on surgical gynecology. This fourth-year student will assist in the operating room, round on patients and put together a presentation for a resident led conference (Morning Report). The student will be primarily on general gynecology but the experience can be expanded based on student interests to include urogynecology cases, REI cases and emergency cases/consults as applicable. The student will be first assist in cases as appropriate.

This rotation is only open to students from Thomas Jefferson who are in their fourth year. In order to apply for this block you must go through the OB/GYN student clerkship director.

CONTACT
Rosemarie Weisenbach
Program Coordinator
weisenbachr@mlhs.org
Fourth-Year Clinical Clerkship
Surgery, Lankenau Medical Center

The fourth-year medical student clerkship in surgery at Lankenau Hospital uses the same core curriculum as the third-year clerkship but with significantly more responsibilities and flexibility. The fourth-year student will be responsible for evaluating more patients, following them through the operating room and postoperatively, similar to the experience of the first-year resident. He or she will be more involved in the operating room, including opportunities to do more suturing and minor procedures.

Assignments will be flexible, i.e., choosing work with a single attending surgeon or mentor, or working with one or both surgical teams as a functioning intern or first-year resident. The student will have more flexibility in viewing operations of his or her choice and rotating on various subspecialty services.

Night call for fourth-year clerks is not mandatory but encouraged. A fourth-year student is not required to stay overnight or sleep in the hospital but could certainly do so if desired. Sleeping facilities and lockers are available.

To obtain honors designation, a fourth-year student would be required to research and write and/or report on a specific surgical topic of his or her choice. To gain the most from this rotation, enthusiasm, a certain amount of aggressiveness and independence are required.

CONTACT
Donna Heyduk
Program Coordinator
heydukd@mlhs.org
Fourth-Year Clinical Clerkship
Diagnostic Radiology, Bryn Mawr Hospital

W. Scott Enochs, MD
Program Director, Diagnostic Radiology Residency

Medical Student/Intern Clerkship
The Radiology Elective at Bryn Mawr Hospital provides diverse educational experiences for medical students at all level of interest. The attending staff and the residents are fully engaged in the medical student’s education. Daily read out sessions with the attending radiologist provide in depth knowledge of the subspecialty area.

Also, there are two educational resident conferences daily. These conferences consist of didactic lectures, cases conferences and video conferences presented by the residents, faculty and visiting professors. Our goal is to provide radiology education to help you better serve your patients in your future medical specialty.

Rotation
During your four week elective, you will be working daily with radiology residents and attending staff. The rotation will be divided into four one-week subspecialty rotations. If you wish to spend more time in particular subspecialty, we can accommodate upon request.

Schedule
You will receive rotation schedule on the first day of your rotation.

Case Presentations
You are required to prepare 10-minute interesting case presentation to the radiology residents and the attending staff at the end of your rotation. Please make arrangement with Ms. Karen Penater, radiology residency coordinator. Your presentation date and time will be added to the radiology resident conference schedule.

Faculty Lectures
There are two resident conferences per day; 7:30 am and 12:00 pm. You are expected to attend all conferences which are held at Bryn Mawr Hospital. Please sign in for all the conferences. The sign in sheet is located outside the radiology residency conference room.

Library
There is a small library within the department. Our chief resident will advise you on the reference material and useful radiology textbooks. Interns and medical students have full access to the hospital’s library located on the first floor. Regulations are posted in the library.

Evaluation
A final evaluation will be completed by the program director and submitted to your medical school.

CONTACT
Karen Penater
Program Coordinator
penaterk@mlhs.org