Dear Student Doctor:

The Office of Academic Affairs provides institutional support to all of the student and resident training programs throughout Einstein Healthcare Network. As the largest Independent Academic Medical Center, medical education is part of the fabric of Einstein’s long and prestigious history. The Einstein Healthcare Network is home to more than 30 residency and fellowship programs and hosts more than 1000 discrete clerkship experiences each year. We are pleased to provide you with this Student Guide to Einstein Medical Center.

Included in this guide is a list of course director and student coordinator contacts for the various clerkships and electives offered at Einstein along with general course descriptions. Students are encouraged to contact these individuals directly with any questions regarding specific course outline or content. Our medical student coordinator will handle general onboarding for all students rotating through the hospital. The Office of Academic & Alumni Affairs also serves as a student resource for program information and may be contacted at any time (215-456-6013).

We trust the information provided within will prove useful to you as you plan your 3rd and 4th year course schedule. We also hope to have the opportunity to work with you in the future.

Sincerely,

Douglas L. McGee, DO, FACEP
Chief Academic Officer
ACGME Designated Institutional Official
Assistant Dean, Jefferson Medical College
Adjunct Assistant Professor, Emergency Medicine, Jefferson Medical College
Einstein Medical Center Philadelphia
General Overview

Einstein Medical Center Philadelphia is a 440-bed tertiary care facility located four miles north of downtown Philadelphia and is the region’s largest Independent Academic Medical Center. Established in 1866, Einstein has a long-standing commitment to providing medical services to its community and to educating future practicing physicians.

A strong commitment to community

Our 35-acre Philadelphia campus encompasses Einstein Medical Center's 440-bed acute care hospital, which includes a Level I Regional Trauma Center and a Level III Neonatal Intensive Care Unit. 102-bed Willowcrest Center for Subacute Care and 153-bed MossRehab. Belmont Center for Comprehensive Treatment, a psychiatric hospital, Einstein at Elkins Park, a 140-bed rehabilitation and acute care hospital, and Germantown Community Health Services are located in close proximity to the main campus and round out Einstein’s broad scope of services.

As the needs of our community have evolved and grown, so has Einstein Medical Center. Special facilities on campus include the Minerva & Fred Braemer Heart Center, Center for Orthopaedic Sciences, Centers for Organ Disease and Transplantation, Community Practice Center, Cancer Center, Marion-Louise Saltzman Women’s Center, and the Drucker Brain Injury Center.

Within this environment, more than 400 residents across 30 residency and fellowship programs share in the learning process. Our medical community includes over 600 physicians and dentists within Einstein Healthcare Network and additional 1200 affiliated physicians.

A strong commitment to education

Einstein Medical Center Philadelphia offers residents and students the resources and advantages of a major teaching institution, without losing sight of the individual. Although we are among the largest tertiary care facilities in Pennsylvania, the Medical Center is a place where each resident and student’s individual educational pursuits are of prime importance. Our mission is to prepare residents fully for their chosen career path and to prepare students fully for the rigors and challenges of clinical practice and residency training. Our recently opened 6,500 square foot Center for Clinical Competency is home to our simulation training facility.

A strong affiliation with Thomas Jefferson University

Einstein Medical Center Philadelphia is a major teaching affiliate of Thomas Jefferson University since July 2000. Einstein participates in Jefferson’s physical diagnosis course for second year medical students and provides a broad spectrum of clinical clerkships and elective rotations for third and fourth year medical students. Einstein faculty members actively participate in both resident and student education. In addition, Einstein residents play a vital role in the teaching and supervision of medical students.
Directions to
Einstein Medical Center Philadelphia

From Center City Philadelphia
Broad Street (Route 611) North to Albert Einstein Drive (just past 5400 North Broad). Turn right onto Albert Einstein Drive. Proceed straight through four way stop into hospital’s main entrance.

Or

Schuylkill Expressway (Route 76) West to Roosevelt Boulevard (Route 1 North). Continue and exit at Broad Street (Route 611). Follow exit road to the end and turn left onto Broad. Take Broad Street 1.5 miles to Albert Einstein Drive (just past 5400 North Broad). Turn right onto Albert Einstein Drive. Proceed straight through four way stop into hospital’s main entrance.

From Delaware County
 Township Line (becomes City Line Avenue) to Schuylkill Expressway (Route 76) East. Then follow directions above for Schuylkill Expressway.

From Northeast Philadelphia, Bucks County, and Pennsylvania Turnpike Exit 28
Follow Route 1 South (Roosevelt Boulevard). Einstein Medical Center is about 13 miles from turnpike exit. Stay in the right (outer) lanes of the Boulevard. Follow for approximately 10 miles and make a right onto Adams Avenue. Stay in left-hand lane; make a left onto Tabor Road (3 lights). Follow all the way to the Einstein campus. At the dead end (Old York Road), make a left. Enter hospital’s main entrance on the left.

From Eastern Montgomery County
Route 309 South until expressway ends. Turn left at Cheltenham Avenue. Stay to right, turn right at Broad Street (Route 611). Follow Broad Street South. After crossing Olney Avenue, move into the far left (turning) lane. Make a left onto Albert Einstein Drive. Follow directions from Center City (above).

Public Transportation
SEPTA bus routes 6, 8, 18, 22, 26, 55, “C”, “L”, and the Broad Street Subway (orange) Line will all bring you to the Broad and Olney terminal, which is one block north of Einstein.

Subway passengers should use stairway exit "D" and walk one block south on Old York Road to the Medical Center.

Parking
Garage parking is available to all Jefferson medical students free of charge.
# Contacts 2014-2015

<table>
<thead>
<tr>
<th>Department</th>
<th>Clerkship Director</th>
<th>Student Coordinator</th>
</tr>
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<tbody>
<tr>
<td>Medicine</td>
<td>Sarah Perloff, DO</td>
<td>Carina Sundstrom, MHA</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:sundstrc@einstein.edu">sundstrc@einstein.edu</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(215) 456-8520</td>
</tr>
<tr>
<td>Neurology</td>
<td>Snigdha Bollampally, MD</td>
<td>Tahirah Harrigan</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:harrigat@einstein.edu">harrigat@einstein.edu</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(215) 456-4961</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>Janet Ko, MD</td>
<td>Anne O’Hearn</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:ohearna@einstein.edu">ohearna@einstein.edu</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(215) 456-8261</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>Alan Schindler, MD</td>
<td>V. Coretta Philgence</td>
</tr>
<tr>
<td></td>
<td>Morgan Leafe, MD</td>
<td><a href="mailto:pediatrics@einstein.edu">pediatrics@einstein.edu</a></td>
</tr>
<tr>
<td></td>
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<td>(215) 456-7595</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>Kimberly Best, MD</td>
<td>Monica Rollerson</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:psychres@einstein.edu">psychres@einstein.edu</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(215) 456-9015</td>
</tr>
<tr>
<td>Surgery</td>
<td>Robert Somers, MD</td>
<td>Sandra Swint-Jones</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:joness@einstein.edu">joness@einstein.edu</a></td>
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<td></td>
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<td>(215) 456-3443</td>
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</table>
Einstein Medical Center Philadelphia
Third Year Clerkship
Descriptions

OBGY 350: Obstetrics & Gynecology Clinical Clerkship Min/Max: 3/4

The AEMC Obstetrics and Gynecology clerkship is a learning experience designed to provide information about women’s health needed by medical students to successfully complete their rotation and pass national standardized examinations. Students are assigned to the services in general obstetrics, gynecology and on night float teams, providing ample opportunity to learn the basic knowledge and skills needed, as well as experience hands-on training in deliveries and surgery. Students are included as active members of the OB/GYN care teams and are allowed and encouraged to do as much as their knowledge and skills permit.

In obstetrics, students are involved in labor and delivery activities, the antepartum and postpartum floor, and in clinical scenarios such as normal labor and delivery and high-risk pregnancies (i.e., preterm labor, multiple gestation, premature rupture of membranes). Students also participate in the emergent care of pregnant patients in the Triage unit next to the L&D floor. In gynecology, students participate in both general and oncologic GYN surgery, in-house coverage for GYN consultations requested by the emergency department, and the GYN inpatient service. During the outpatient clinic experience, students participate in OB/GYN ambulatory care, which ranges in focus from colposcopy clinic, high-risk obstetrics, new obstetrics, and to the routine GYN continuity care.

The student didactic schedule includes several scheduled interactive discussions with faculty, and daily sessions including Morning Report, Tuesday Resident Academic time, Wednesday Grand Rounds, and monthly Perinatology/Neonatology and REI conferences.

Instead of the traditional on-call schedules of the past, the students’ schedule reflects closely the schedules of the residents. There is a night float system where each student is scheduled for 5 consecutive nights (6:30 p.m. to 8:30 a.m.) on the labor & delivery unit. Lockers (full size, but possibly shared) are provided for students during the rotation. Students are not expected to work on weekends, except for reporting at 6:30p.m. on Sunday night at the beginning of their designated night float week.

A mid-rotation evaluation is done halfway through the rotation, and a final evaluation is done at the end of the rotation. Students are nominated for Excellent or Honors on the basis of outstanding fund of knowledge, extensive participation in daily activities and patient care, and the highest level of interaction with the residents and attending physicians. The final grade depends upon clinical performance and the results of the Jefferson written examination.

Med 350: Medicine Clinical Clerkship Min/Max: 10/11

The third year medicine clinical clerkship consists of twelve weeks. Four weeks are completed at Einstein on the general inpatient medical service. The remaining eight weeks are completed at TJUH or another affiliate, with four weeks on the general inpatient medical service and four weeks on the neurology inpatient medical service. While on service at Einstein, students are integrated onto a resident team and linked to an individual senior resident and intern.
Students are expected to work up at least three new patients per week and follow these patients through the course of their care. Students are responsible for writing daily progress notes and orders on their patients, which are then reviewed and cosigned by the intern. Students work as part of a team and participate fully in morning work rounds, teaching rounds, literature searches and sign-out rounds.

Einstein Medical Center offers several unique educational opportunities for third-year medical students. There are 6-10 student lectures given by full-time faculty members every month including a monthly medical jeopardy to review the important topics of internal medicine. Students also meet weekly with one of their chief residents for physical diagnosis rounds, code simulation, and phlebotomy practice. There are lectures on ECG reading as well.

Students are required to do short call with their team (usually every fourth night). Short call provides students with ample opportunity to admit new patients and to perform procedures. Medical Student Noon Report is a forum utilizing a cooperative group format to teach and improve upon effective oral case presentation skills, creation of a broad differential diagnosis list and prioritizing tests needed to reveal likely diagnosis. Physical diagnosis, mock code, phlebotomy rounds, medical jeopardy, EKG and Harvey Rounds continued to be offered.

The Medicine clerkship director meets with students for an orientation session at the beginning of the rotation. The clerkship director also meets with each student at the end of the rotation to review their evaluations with him or her and to solicit student feedback on their experience at Einstein.

**Ped 350: Pediatric Clinical Clerkship**

The third-year student clerkship is designed to provide a broad exposure to different aspects of pediatrics, primarily from the point of view of the generalist pediatrician. The clerkship is divided into three sections: two weeks of inpatient pediatrics (at the A.I. DuPont Hospital for Children in Wilmington, Delaware), three weeks of outpatient Pediatrics in the Pediatric and Adolescent Ambulatory Center at Einstein Medical Center, and one week of newborn pediatrics in the Einstein nursery.

During the course of this clerkship, students will acquire basic knowledge of the physical and psychosocial growth and development of children from birth through adolescence and learn how to apply that knowledge to the care of well and sick children. In addition, students will have the opportunity to develop communication skills and professional attitudes and behaviors that will facilitate interactions with children and their families. Students will become competent in obtaining a pediatric history and performing the physical examination of infants, children and adolescents. Students also will acquire the knowledge necessary for diagnosis and initial management of common acute and chronic illnesses of children and develop their clinical problem-solving skills. Understanding the influence of family and community society on the child in health and disease and learning how pediatricians promote the health care of children and adolescents will be emphasized throughout the rotation.

Students at Einstein are expected to attend all of the following conferences: morning report, Infectious Disease conference, Grand Rounds, noon conference and student conferences. Additional conferences may be scheduled in the clinic and the nursery; students may be asked to present at some of these conferences. Student conferences are interactive sessions based on the clinical vignettes that students receive with their orientation materials from Jefferson.

There is no evening or overnight call.
Students receive ongoing precepting and informal feedback during their clerkship time at Einstein. At the end of the clerkship students will meet with an attending physician who will provide an overview of their clinical performance. Final grade depends on both clinical performance and results of a written examination given at Jefferson on the last day of the clerkship.

**Psych 350: Psychiatry Clinical Clerkship**  
Min/Max: 11/13

Students may preference one of two clinical campuses (Einstein Medical Center or Belmont Center for Comprehensive Treatment). Each student spends three weeks on two of three services. At Einstein, the services are inpatient psychiatry, consultation and liaison psychiatry and emergency psychiatry - Crisis Response Center (CRC) for adults, adolescents and children. At Belmont, the services include inpatient psychiatry, adolescent inpatient psychiatry and co-occurring disorders inpatient psychiatry. Five of the six clinical services are inpatient settings. The CRC is an outpatient setting.

After orientation and observation, students assume significant patient care responsibilities on all placements, serving as an integral part of the treatment team. Each student has two primary supervisors, one staff psychiatrist and one psychiatry resident. All students participate in night call psychiatry on either the Einstein or Belmont campus.

Students attend the core clerkship didactic program on Wednesday afternoon at Jefferson. In addition, students on both the Einstein and the Belmont campuses attend the Einstein Psychiatry Grand Rounds. There are also inpatient and outpatient case conferences on the Einstein and Belmont campuses.

At the end of each portion of the clerkship, students meet with the attending physician who will, in concert with the supervising resident, complete an evaluation of their performance.

**Surg 350: Surgery Clinical Clerkship**  
Min/Max: 3/6

During this clerkship, students are exposed to the many aspects of general surgery as well as several subspecialties (Transplant, Neurosurgery, CT Surgery, etc). The hospital also is a Level 1 Trauma Center, which exposes students to a variety of cases while taking call. Students are required to take call at least 6 nights during this rotation.

Students are expected to attend Weekly Case Review (M&M Conference), scheduled Grand Rounds which are presented by the residents, Core Curriculum which is moderated by an attending or a Chief Resident, and Basic Science which is moderated by the Chief Residents. Various other student lectures are held at Jefferson Medical College.

Mid-rotation evaluations are performed by the Clerkship Director. Final evaluations are also given by the Clerkship Director. Evaluations are based on the student’s attitude, motivation, knowledge and skills (H&P, factual knowledge, independent reading done by students, patient care, and OR performance-manual skill).
The Neurology clerkship experience is split between inpatient service, inpatient consults and outpatient clinics. Students have the opportunity to observe neurodiagnostic testing and procedures while on service. They also have the opportunity to spend time with various other neuroscience fields such as Neurosurgery and Neuro-ophthalmology. Students interact closely with Einstein neurology residents, as well as residents from Internal Medicine, Emergency Medicine and Psychiatry.

Students interested in completing their Neurology elective at Einstein should contact their Neurology coordinator at Jefferson and request Einstein. For any additional information regarding this clerkship, please do not hesitate to contact Tahirah Harrigan, Residency Program Coordinator, at 215-456-4961.
**Einstein Medical Center Philadelphia**  
**Fourth Year Subinternships & Selectives**  
**Contacts 2014-2015**

### Subinternships

<table>
<thead>
<tr>
<th>Department</th>
<th>Course Director</th>
<th>Student Coordinator</th>
</tr>
</thead>
</table>
| Medicine   | Sarah Perloff, DO | Carina Sundstrom, MHA  
sundstrc@einstein.edu  
(215) 456-8520 |
| Pediatrics | Alan Schindler, MD  
Morgan Leafe, MD | V. Coretta Philgence  
pediatrics@einstein.edu  
(215) 456-7595 |

### Selectives

<table>
<thead>
<tr>
<th>Department</th>
<th>Course Director</th>
<th>Contact Information</th>
</tr>
</thead>
</table>
| Emergency Medicine  | Melanie Loewenthal, MD            | EMResidency@einstein.edu  
(215) 456-6336 |
|                     | Merle Carter, MD, Prog Director   |                                                          |
| EM-Toxicology       | J. Michael Kowalski, DO           | kowalskj@einstein.edu  
(215) 456-6336  
EMResidency@einstein.edu |
| Neurology           | Snigdha Bollampally, MD           | bollamps@einstein.edu  
(215) 456-7152 |
| Orthopaedics        | John Handal, MD                   | pietrazas@einstein.edu  
(215) 456-6051 |
Einstein Medical Center Philadelphia
Fourth Year Subinternships & Selectives
Descriptions

**Med 401: Medicine Inpatient Subinternship**  
Min/Max: 3/5

Fourth year students function as subinterns under the supervision of a senior medical resident and teaching attending. Students are responsible for the initial history & physical, assessment, plan and orders on their newly admitted patients. Students also have ongoing responsibility for the patients they admit, including communication with the attending physician, daily progress notes, orders and follow-up of all lab studies, diagnostic tests and consults ordered on their patients. Students work as part of a team and are expected to participate fully in morning work rounds, teaching rounds, literature searches and sign-out rounds.

Students admit one to two patients per day and have ongoing responsibility for three to five patients. Students are required to do short call with their team (every fourth night). Short call provides students with ample opportunity to admit new patients and to perform procedures. Students are expected to attend curriculum conference, firm conference, and Benjamin Gouley, MD Medical Grand Rounds. Medical Student Noon Report is a forum utilizing a cooperative group format to teach and improve upon effective oral case presentation skills, creation of a broad differential diagnosis list and prioritizing tests needed to reveal likely diagnosis. Physical diagnosis, mock code, phlebotomy rounds, medical jeopardy, EKG and Harvey Rounds continued to be offered.

**Ped 401: Ambulatory Pediatrics Subinternship**  
Min/Max: Max 1

Note: This course is the same as the elective Ped 401: Ambulatory Pediatrics. Students who take this course as a subinternship should be sure that the Pediatrics Department and Dean’s office are aware of that fact.

For a description of the course, please refer to the fourth-year electives section of this guidebook.

**Ped 402: Pediatric Inpatient Subinternship**  
Min/Max: Max 1

*Note: This subinternship is on the Einstein Pediatric Service at St. Christopher’s Hospital for Children. Students who select this subinternship must complete application materials that are available in the Pediatrics Office at Jefferson. This subinternship on the Einstein service is considered by Jefferson to be a “home” rotation.*

Students will gain a broad exposure to the care of children hospitalized on a general pediatrics inpatient ward, they will acquire skills in history-taking, physical examination, generation of differential diagnoses, and development of treatment plans. Students will gain an understanding of the daily care and management of hospitalized children and the appropriate use of ancillary services, including nursing and social services. Students also will acquire skills in procedures such as venipuncture and intravenous catheter placement.

The student will be an integral member of the inpatient team and, as experienced is gained, will be given increasing responsibility for patients under supervision of a senior member of the team. The student will attend all work rounds, attending rounds, teaching sessions and X-ray conferences. There is no night call on this subinternship.
Students from Jefferson Medical College along with students from other allopathic and osteopathic institutions have the option to rotate through Einstein’s Emergency Department as part of their required Emergency Medicine curriculum, or as an additional elective. Rotations at Einstein are four weeks in length. Optional experiences in toxicology is available to interested students with prior approval by Course Director prior to registering @ TJUH.

The Emergency Department at Einstein is a busy Level I Trauma Center, with an annual volume of 100,000 patients. High acuity patients of all ages are treated and the pediatric population comprises approximately 20% of emergency room visits. The Department of Emergency Medicine operates a four-year emergency medicine residency program that encompasses 15 residents at each PGY level.

Students work approximately 11-14, 8-hour shifts during their rotation. Required weekly conferences are held at Einstein on Wednesdays morning & Simulation Lab on Monday mornings. In addition, Jefferson students return to TJUH on Fridays to attend required student conferences.

Jefferson students who are interested in a core Emergency Medicine experience at Einstein should contact the Division of Emergency Medicine at TJUH directly. All emergency medicine rotations for Jefferson students are coordinated through Jefferson's Emergency Medicine department. All students interested in an elective clerkship experience should contact Dr. Loewenthal or Carter directly at EMResidency@einstein.edu.

Neurology Subspecialty Elective

 Students will have the opportunity to rotate through a Neurology subspecialty (ex: EEG, EMG, Headache, etc.) during their 4th year.

Students interested in completing a subspecialty elective at Einstein contact Tahirah Harrigan, Residency Program Coordinator, at 215-456-4961 to discuss this opportunity and availability.

Orthopaedics 352

Students from Jefferson Medical College have the option to rotate on the Orthopaedic service at Einstein as part of their six-week selective in the 3rd or 4th year. During a student's six week selective, three weeks are spent at Einstein Medical Center in the Department of Orthopaedics and the remaining three weeks at TJUH in another specialty field of their choice. Students interested in rotating at Einstein for their three week Orthopaedic selective should contact the Department of Orthopaedics at TJUH.

While on the Orthopaedics service at Albert Einstein Medical Center, students will rotate through each of the services within the Department of Orthopaedics and gain exposure to most aspects of orthopaedics including hand and wrist surgery, joint replacement, sports medicine and arthroscopic surgery, shoulder, elbow, knee, foot and ankle surgery, neuromuscular disorders, spine and trauma.

Under the direct supervision of attending physicians and residents on the service, students will observe and participate in interesting and complex cases in the operating room and trauma cases in the Level One Trauma Center/ emergency room. In addition, students will see patients in the
ambulatory office setting and be involved in the pre- and post operative management of in-house patients and consults.

Students attend all departmental educational conferences held during the course of the rotation.
<table>
<thead>
<tr>
<th>Elective</th>
<th>Course Director</th>
<th>Phone #</th>
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<tbody>
<tr>
<td><strong>Emergency Medicine</strong></td>
<td></td>
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<tr>
<td>Emergency Medicine</td>
<td>M. Loewenthal, MD/M. Carter, MD</td>
<td>215-456-6336</td>
</tr>
<tr>
<td>Toxicology</td>
<td>J. Michael Kowalski, DO</td>
<td>215-456-6336</td>
</tr>
<tr>
<td><strong>Medicine</strong></td>
<td></td>
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<tr>
<td>Cardiology</td>
<td>Vincent Figueredo, MD</td>
<td>215-456-8520</td>
</tr>
<tr>
<td>Gastroenterology</td>
<td>Philip O. Katz, MD</td>
<td>215-456-8520</td>
</tr>
<tr>
<td>Geriatrics</td>
<td>Andrew Rosenzweig, MD</td>
<td>215-456-8520</td>
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<tr>
<td>Hematology/Oncology</td>
<td>William Tester, MD</td>
<td>215-456-8520</td>
</tr>
<tr>
<td>Hepatology</td>
<td>Victor Navarro, MD</td>
<td>215-456-8520</td>
</tr>
<tr>
<td>Infectious Disease (adult)</td>
<td>Sarah Perloff, DO</td>
<td>215-456-8520</td>
</tr>
<tr>
<td>Nephrology</td>
<td>Imara Dissayanake, MD</td>
<td>215-456-8520</td>
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<tr>
<td>Pulmonary</td>
<td>Michael Lippmann, MD</td>
<td>215-456-8520</td>
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<tr>
<td>Rheumatology</td>
<td>Lawrence Brent, MD</td>
<td>215-456-8520</td>
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<tr>
<td><strong>OB/GYN</strong></td>
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<tr>
<td>OB/GYN Inpatient Clerkship</td>
<td>David Jaspan, DO</td>
<td>215-456-8261</td>
</tr>
<tr>
<td>Outpatient Subinternship</td>
<td>Philip Horn, MD</td>
<td>215-456-8261</td>
</tr>
<tr>
<td>Maternal-Fetal Medicine</td>
<td>Carlene Quashie, MD</td>
<td>215-456-8261</td>
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<tr>
<td><strong>Orthopaedics</strong></td>
<td>John Handal, MD</td>
<td>215-456-6051</td>
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<tr>
<td><strong>Pediatrics</strong></td>
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<tr>
<td>Adolescent Medicine</td>
<td>Kelly Bethea, MD</td>
<td>215-456-7595</td>
</tr>
<tr>
<td>Ambulatory Pediatrics</td>
<td>Alan Schindler, MD</td>
<td>215-456-7595</td>
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<tr>
<td>Neonatology</td>
<td>David Schutzman, MD</td>
<td>215-456-7595</td>
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<tr>
<td><strong>Psychiatry</strong></td>
<td>Kimberly Best, MD</td>
<td>215-456-9015</td>
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<td>Child &amp; Adolescent Inpatient Psych</td>
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<tr>
<td>Co-Occuring Disorder Unit</td>
<td>Kimberly Best, MD</td>
<td>215-456-9015</td>
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<tr>
<td>Inpatient Psych – AEMC</td>
<td>Kimberly Best, MD</td>
<td>215-456-9015</td>
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<tr>
<td>Inpatient Psych – Belmont</td>
<td>Kimberly Best, MD</td>
<td>215-456-9015</td>
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<tr>
<td><strong>Radiology</strong></td>
<td>Susan Summerton, MD</td>
<td>215-456-7378</td>
</tr>
<tr>
<td><strong>Surgery</strong></td>
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<tr>
<td>Surgery, General</td>
<td>Robert Somers, MD</td>
<td>215-456-3443</td>
</tr>
<tr>
<td>Surgical Intensive Care Unit</td>
<td>Mark J. Kaplan, MD</td>
<td>215-456-3443</td>
</tr>
<tr>
<td>Surgical Subspecialty Services</td>
<td>Robert Somers, MD</td>
<td>215-456-3443</td>
</tr>
</tbody>
</table>
Emergency Medicine Toxicology Elective  
**Director: J. Michael Kowalski, DO**

The four week elective in Medical Toxicology focuses on the evaluation and treatment of all poisoned patients including adults, children, and adolescents. There is a breadth of clinical exposure including acute overdoses, chronic poisonings, and occupational/environmental medicine. The Division of Toxicology has a busy inpatient consultation service, an outpatient clinic, and a 23-hour Observation Unit. Daily activities include rounds in the ED, inpatient floors, observation unit, poison center case review, and dedicated lecture time with the faculty. Through our affiliation with the Poison Control Center at Children’s Hospital of Philadelphia and the Philadelphia-Area Collaboration of Toxicologists (PACT), students participate in a variety of activities including poison control center grand rounds, monthly journal club, New York City consultant’s conference and PACT lectures.

Under the supervision of division faculty, students will be able to initially evaluate poisoned patients in the emergency department and participate in the development of a treatment plan. Admitted patients will be followed by the student where the team will address issues of disposition and appropriate periods of observation, potential complications, antidotal therapy, and eventual medical clearance. Interested students should contact J. Michael Kowalski directly at kowalskj@einstein.edu or EMResidency@einstein.edu.

Med 457: Cardiology  
**Director: Vincent Figueredo, MD**

Students are assigned patients on the cardiology consultation service and in the coronary care unit. Daily teaching rounds with cardiology fellows are followed by one hour of conference with a full-time faculty member. Students are exposed to all aspects of acute coronary care including management of arrhythmias, pump failure, acute ischemic syndromes, thrombolytic therapy, primary angioplasty and stenting. Interpretation of history, physical examination and EKG, and management of cardiac patients undergoing non-cardiac surgery; also studies, ablation, open heart surgery, transesophageal echo and stress testing. Two EKG conferences, journal club, cardiology grand rounds, cath conference, morning report and subspecialty conference occur weekly.

Med 479: Gastroenterology  
**Director: Philip O. Katz, MD**

Medical students are active participants in the GI consultation service. The student evaluates patients on the inpatient consult service as well as the gastroenterology clinic. The student rounds daily with the consult team and attends endoscopies and conferences. Students are expected to read texts and primary sources concerning the patients seen. Students gain an understanding of the indications, benefits and risks of endoscopic procedures and learn to function as a consultant in a medical subspecialty.
Med 481: Geriatrics  
**Director:** Andrew Rosenzweig, MD  
Students are exposed to geriatric practices at multiple sites, including inpatient, primary care, consultation service, ambulatory practices, nursing home, hospice and home care. Students also participate in weekly geriatrics seminars and general medicine conferences. Topics focus on chronic illnesses, functional disability and long-term care. Travel to facilities is required, the department recommends students have a car.

Med 433: Hematology/Oncology  
**Director:** William Tester, MD  
This elective exposes students to outpatient and consultative hematology/oncology. Students participate in the outpatient clinics of faculty hemato-oncologists, see new consults in the inpatient and outpatient setting and help formulate diagnostic and therapeutic strategies. Conferences on topics pertaining to patients seen by the student are part of the rotation as is regular review of peripheral blood smears and bone marrow biopsies. This elective serves as a contrast to what students may have observed on inpatient oncology services and demonstrates how patients with malignancies can be managed in the outpatient setting.

Med 478: Hepatology/Liver Transplantation  
**Director:** Victor Navarro, MD  
Students develop skills in the recognition, manifestations, diagnosis and management of patients with the most common hepatic disorders, including chronic viral hepatitis C and B, autoimmune liver diseases and alcoholic liver disease. Students participate in daily conferences of the liver transplant team and learn basic aspects of transplantation medicine and immunosuppression. Students learn the indications for liver biopsy and interpretation of histologic features of liver disease.

Med 473: Infectious Disease  
**Director:** Sarah Perloff, DO  
Students are active participants on the infectious disease consultation service. Under the supervision of the attending physician, students complete new consultations and follow-up rounds. The service includes HIV, transplant, oncology, trauma and surgical patients, as well as exposure to more common problems such as bacteremias, line infections, pneumonia, urinary tract infections, skin and soft tissue infections. Rounds in the radiology and microbiology departments occur daily, and students attend case presentation conferences, micro rounds, core curriculum lectures, city wide ID conference and HIV conference.

Med 441: Nephrology  
**Director:** Imara Dissayanake, MD  
Students are active participants on the nephrology consult service. This rotation provides students a general overview of nephrology with special emphasis on management of common clinical problems. Students are exposed to a wide array of problems in clinical nephrology including hypertension, water-electrolyte and acid-base abnormalities. Students also have limited exposure to hemodialysis and peritoneal dialysis along with renal transplantation. Students work closely with medical residents, nephrology fellows and nephrology attendings. They participate in daily teaching rounds, attend daily didactic conferences, weekly journal club and nephrology grand rounds. Students also participate in weekly clinical nephrology and hypertension clinic.
Med 467: Pulmonary

Director: Michael Lippmann, MD

Students are active participants on the pulmonary consult service, where they work closely with medical residents, pulmonary fellows and full-time faculty. On this rotation students learn management of respirators, hemodynamic monitoring and indications for bronchoscopy. Students also learn to do pulmonary consultations with an appropriate history and physical, differential diagnosis and treatment plan. Experience is gained in the work-up of patients with COPD, cancer, interstitial lung disease, severe asthma, pleural effusions and infections. Students attend three weekly conferences (intake, pulmonary seminar and pulmonary grand rounds).

Med 489: Rheumatology

Director: Lawrence Brent, MD

Students on the rheumatology service are involved in outpatient and inpatient evaluation and treatment of patients with a wide spectrum of rheumatic diseases. Students attend rheumatology clinic four to five half days per week and participate in the evaluation and treatment of primary rheumatology inpatients and consults at Einstein and MossRehab. Students develop an understanding of the use and interpretation of rheumatologic laboratory tests. There is ample opportunity to learn procedures including joint aspiration and soft tissue injection. Students attend weekly rheumatology conference as well as journal club/case conference.

OBGY 405: OB/GYN Inpatient Clerkship

Director: David Jaspan, DO

This elective is designed to expose the student in detail to all facets of women’s health care. The student functions as a subintern with increased responsibilities for patient management, treatment plans, and surgical procedures. The student spends time on the labor and delivery unit, in the ambulatory care office, and in the operating room. One of the four weeks is normally spent on Night Float with the resident Ob team. In addition to the clinical education, the rotation includes daily rounds, morning report and conferences, along with weekly grand rounds. Contact the Program Coordinator at 215-456-8261 to schedule this rotation. Note: Only one fourth year student rotates through the department at a time, including non-JMC students. Jefferson students are given schedule preference until the end of March; after that, rotations are scheduled on a first come, first served basis.

OBGY 402: Outpatient Subinternship

Director: Philip Horn, MD

Students participate in the ambulatory care provided in the various office sessions in the resident obgyn practice. A primary emphasis is placed on primary women’s health care and health promotion/disease prevention and routine gynecologic care appropriate to a woman’s age. In addition, students participate in the care provided in specialty areas such as high-risk obstetrics, colposcopy, and so forth. Students also attend the didactic programs offered (grand rounds, lectures, case presentations, morbidity and mortality conference, etc.) and Morning Report. Contact the Program Coordinator at 215-456-8261 to schedule this rotation. Note: Only one fourth year student rotates through the department at a time, including non-JMC students. Jefferson students are given schedule preference until the end of March; after that, rotations are scheduled on a first come, first served basis.
OBGY 409: Maternal-Fetal Medicine  Director: Carlene Quashie, MD

This elective is designed to provide an introduction and familiarization with high-risk obstetrics including preventive, diagnostic, and therapeutic measures. The student participates in the evaluation and management of high-risk obstetrical patients, such as those with diabetes, hypertension, and preterm labor. In addition, he/she becomes familiar with modern diagnostic procedures including antenatal testing, ultrasonography, amniocentesis, color flow Doppler, CVS and fetal echocardiography. The opportunities for practical experience are supplemented by clinical case reviews and conferences on maternal fetal medicine and neonatology. Contact the Program Coordinator at 215-456-8261 to schedule this rotation.

Note: Only one fourth year student rotates through the department at a time, including non-JMC students. Jefferson students are given schedule preference until the end of March; after that, rotations are scheduled on a first come, first served basis.

Orth 401: Orthopaedics  Director: John Handal, MD

The Orthopaedic Surgery elective is designed for students interested in the specialty field of orthopaedics. Students rotate through each of the services within the Department of Orthopaedics and gain exposure to various aspects of orthopaedics including hand and wrist surgery, joint replacement, sports medicine and arthroscopic surgery, shoulder, elbow, knee, foot and ankle surgery, neuromuscular disorders, spine and trauma.

Working closely with and under the direct supervision of attending physicians and residents on the orthopaedic services, students will observe and participate in interesting and complex cases in the operating room and trauma cases in the Level One Trauma Center/emergency room. In addition, students will see patients in the ambulatory office setting and be involved in the pre- and postoperative management of in house patients and consults.

Students attend all resident and departmental educational conferences held during the course of the rotation. Students will be assigned to approximately 5 nights on call with the orthopaedic residents during the elective rotation. Meals tickets are provided for students on call.

Ped 401: Ambulatory Pediatrics  Director: Alan Schindler, MD

This elective is designed to provide the student with an in-depth experience in ambulatory pediatrics and to expose the student to all aspects of the ambulatory care of children, with emphasis on well child care and the evaluation and follow-up of sick children. The student will become competent in obtaining histories, performing physical examinations, and diagnosing and treating common childhood problems such as iron deficiency anemia, lead poisoning, asthma, sexually transmitted diseases, and psychosocial issues.

The student will participate in a busy pediatric and adolescent ambulatory center. The student will be precepted by attending physicians and senior pediatric residents, be given specific reading assignments, and participate in Pediatrics conferences. There may be opportunities to learn how to perform some procedures, such as venipunctures and bladder catheterizations, under the supervision of the pediatric staff.
Ped 403: Intensive Care Nursery  
Director: David Schutzman, MD

This elective provides the student with a broad exposure to the care of the newborn infant in the delivery room and the Neonatal Intensive Care Unit. Students will gain an understanding of the daily care and management of critically ill and very low-birth-weight babies and acquire skills such as placing umbilical catheters and intubating infants.

The student will be an integral member of the NICU team and, as experience is gained, will be given responsibility for patients under the supervision of a senior member of the team. The student will attend all work rounds, attending rounds, teaching sessions, x-ray conferences and perinatal rounds. During the rotation the student may elect to take night call.

Ped 427: Adolescent Medicine  
Director: Kelly Bethea, MD

This elective is designed to provide the student with an in-depth experience in Adolescent Medicine and to expose the student to all aspects of the care of adolescents. The student will spend eight sessions per week in the Teen Health Center, becoming competent in obtaining histories from adolescents, in performing physical examinations on adolescents, including pelvic examinations, in diagnosing and treating sexually transmitted diseases, and in addressing adolescent psychosocial issues.

During the remaining two sessions each week, the student will have the opportunity to participate in some of the many aspects of adolescent health care that take place outside of the physician’s office. These may include working on quality improvement projects in the Teen Health Center, with the very real potential of improving the care of adolescents in the Teen Health Center.

Psyh 436: Child & Adolescent Inpatient Psychiatry  
Director: Fayez El-Gabalawi, MD

Medical students will become familiar with the diagnostic and evaluation process of adolescent disorders. Students will learn basic dynamics of family therapy, and the paradigms for normal adolescent development.

Medical students will become an integral part of the treatment team approach that is used on the Adolescent Psychiatry Unit at Belmont. Students will be assigned two patients to follow throughout the rotation and will be familiarized with the family approach to the treatment of adolescent disorders.

Students will be assigned appropriate reading material to gain an understanding of normal adolescent development. Students will be expected to participate in all case conferences and family therapy conferences. Students will also meet with their individual supervisor once a week to review their cases.

Psyh 437: Co-Occurring Disorder Unit  
Director: Thomas Richardson, DO

Students will learn various regimens of detoxification and will become familiar with the 12-step recovery model and the dual diagnosis program. Students also will learn about the method and theories of Addiction Psychiatry.
Students will be involved in the assessment and treatment of patients with co-occurring substance and psychiatric disorders. They will have the opportunity to follow several patients in a “team” model with the attending, nursing staff, counselors and social workers. Students will participate in treatment team meetings and all case conferences and will be supervised by the attending physician.

**Psyh 401: Inpatient Psych (Belmont)**
**Psyh 401: Inpatient Psych (AEMC)**

Director: By arrangement

During these inpatient electives, students will learn skills in diagnostic interviewing, diagnostic psychiatry, and develop a basic knowledge of psychopharmacology and supportive psychotherapy.

The senior student will function at the first year resident level with considerable responsibility for a few patients under his/her direct care. The senior student will be an integral part of a multidisciplinary team and will participate in team meetings and case conferences.

**Psychiatric Subspecialties**

**Psych 421: Child/Adolescent Psychiatry**
**Psych 431: Consult/Liaison Psychiatry**

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<th>Subspecialty</th>
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<td>PSYH 438</td>
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<td>PSYH 445</td>
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*All of the above can be scheduled only by personal contact and must have pre-approval. Cannot be scheduled via online (vsas) due to varying availability.*

Medical students have the opportunity to gain focused experience in psychiatry by selecting one of a number of psychiatric subspecialty units for a fourth year rotation. Students will collect specialized psychiatric histories, conduct mental status exams, and learn the diagnoses and treatments associated with the chosen subspecialty. Students will work closely with a faculty member, who will provide bedside instruction and recommend readings. Students will gain experience in working with the teams associated with each subspecialty. Available subspecialty rotations include Child and Adolescent Emergency Psychiatry, Adult Emergency Psychiatry, Consultation and Liaison Psychiatry, Child and Adolescent Inpatient Psychiatry, Adult Inpatient Psychiatry, Addictions Psychiatry, Geriatric Psychiatry, Eating Disorders, HIV Psychiatry, and Care of Persistent Illness in a Long Term Structured Residence. Subspecialty availability will vary throughout the year due to variations in faculty schedules. Contact the Education Coordinator at 215-456-9015 to discuss interest and availability of rotations.

**Rad 401: Radiology**

Director: Susan Summerton, MD

This four-week elective is designed to equip medical students with a foundation in radiology, regardless of specialty. They will acquire fundamental skills in image interpretation covering a wide range of modalities. The month is divided into 1-week segments that emphasize the following subspecialties: Chest Imaging, Abdominal Imaging, Musculoskeletal Imaging and Neuroradiology.

Students will rotate through different sections in the department, join our attending and resident radiologists during imaging review sessions and observe interventional procedures. There will also be small group learning sessions with radiology attendings and residents. The students will attend
daily 8:00 a.m. and Noon Radiology Conferences that stress observation, pathophysiology and differential diagnosis. Additional educational materials are available in the form of a DVD lecture series, the Learning Radiology textbook and associated web-based quizzes on Studentconsult.com, as well as learning resources on LearningRadiology.com.

**Surg 452:** General Surgery  
**Surg 453:** Thoracic and Cardiovascular  
**Surg 454:** Transplant  
**Surg 458:** Diseases of the Breast  
**Surg 459:** Colon & Rectal Surgery  
**Surg 480:** Trauma/Critical Care  

**Director: Robert Somers, MD**

Students may choose to become familiar with the many aspects of general surgery (transplant, urology, ENT, neurosurgery, CT Surgery, colon and rectal surgery and diseases of the breast) or to focus on the specifics of a particular surgical subspecialty. The hospital is designated as a Level 1 Trauma Center so there is ample opportunity for exposure to a wide variety of cases.

Students will attend all conferences associated with the specific surgical service and will work with the residents and attending assigned to a particular service.

**Surg 485:** Surgical Intensive Care  

**Director: Mark J. Kaplan, MD**

Students rotating in the Surgical Intensive Care Unit will be exposed to the complex problems of surgical/trauma patients in critical condition, and to the management of these problems. Basic concepts learned during the first two years of medical school, especially those of cardiopulmonary physiology and pharmacology, need to be reviewed and integrated with the understanding of disease processes and treatment modalities learned in the clinical years. By the end of the rotation, students should feel comfortable walking onto a unit, learning the history of and assessing a patient, delineating a patient’s current monitoring and treatment modalities, and discussing current issues and potential changes that should be made therein.
Einstein Medical Center Philadelphia offers training in the following graduate medical education programs:

**Residency Training Programs**

- Dental: General Practice
- Dental: Endodontics
- Dental: Orthodontics
- Emergency Medicine
- Internal Medicine
- Neurology
- Preliminary Medicine
- Obstetrics and Gynecology
- Orthopaedic Surgery
- Pediatrics
- Psychiatry: General
- Radiology: Diagnostic
- Surgery: General
- Preliminary Surgery
- Traditional Rotating Internship
- Transitional Year
- Urology

**Fellowship Training Programs**

- Cardiovascular Disease
- Endocrinology
- Gastroenterology
- Geriatric Medicine
- Hepatology
- Infectious Diseases
- Interventional Cardiology
- Nephrology
- Pulmonary/Critical Care
- Rheumatology
- Medical Toxicology
- Transplant Surgery

**Affiliated Residencies**

- ENT
- Hem/Onc
- Ophthalmology
- Pathology
- PM&R
- Psychiatry: Child and Adolescent

1. Accredited by both ACGME and AOA; PL 1 year satisfied AOA internship requirements
2. AOA accreditation only; affiliated with Philadelphia College of Osteopathic Medicine.
3. Affiliated with Temple University Hospital
4. Affiliated with Wills Eye Hospital
5. Affiliated with Thomas Jefferson University Hospital.
6. AOA Accreditation only

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www.einstein.edu