

**BOSTON UNIVERSITY SCHOOL OF MEDICINE
INTRODUCTION TO CLINICAL EDUCATION AT BUSM
CLASS OF 2013**

**CLINICAL CLERKSHIPS 2011-2012
CHOOSING SEQUENCES**

The third year curriculum consists of the following: Family Medicine, Medicine, Obstetrics/Gynecology, Pediatrics, Psychiatry, Surgery, Ambulatory Medicine, Surgical Subspecialties, Neurology and Radiology.

You will enter your sequence choices via the Internet:
from Feb. 10-21, 2011.

The link can be accessed from the Office
of the Registrar website:
www.bumc.bu.edu/busm-reg

In this first round the sequence of rotations is assigned.
After sequences have been assigned you will have the
opportunity to enter your preferences for locations.

SCHEDULE

Feb. 10:	Class Meeting -Bakst Auditorium 1:30 p.m. – 3:30 p.m.
Feb. 10 – 21:	Enter sequence selections on Registrar’s website
March 11:	Final sequence selections appear on Registrar’s website
March 11-28:	Enter location selections on Registrar’s website
April 15:	Final third year clerkship schedules appear on Registrar’s website

MEETING AGENDA

- | | |
|--|---|
| Phyllis Carr, M.D.
Associate Dean for Student Affairs | - Welcome & Overview |
| Ellen DiFiore
Registrar | - CCHERS Program, Selecting the Third Year Schedule |
| OFS | - Office of Financial Services |
| Dr. Douglas Hughes | - Psychiatry Clerkship |
| Dr. Colin Sox | - Pediatrics Clerkship |
| Dr. Janice Wiesman | - Neurology Rotation |
| Dr. Johanne Dillon | - Radiology Rotation |
| Dr. Miriam Hoffman/Dr. Eileen Pierce | - Family Medicine Clerkship |
| Dr. Suzanne Sarfaty & Dr. Thomas Barber | - Ambulatory Medicine |
| Dr. Jodi Abbott | - Obstetrics/Gynecology Clerkship |
| Dr. Warren Hershman | - Medicine Clerkship |
| Dr. Jane Mendez | - Surgery Clerkship & Surgical Subspecialty |

2011-2012 THIRD YEAR CLINICAL CLERKSHIPS OVERVIEW

Medicine Clerkship 1: Medicine Clerkship 1 is 8 weeks long and is divided into 2 mini-blocks of 4 weeks each. The students complete their clerkship in the inpatient setting at two of the following sites: East Newton or Menino Campus at Boston Medical Center and the West Roxbury VA Hospital. The Third Year Medicine Clerkship is designed to enhance both your capacity to function as a caring, increasingly independent but supervised clinician on a multiprofessional team. The internist is an artful healer who provides comprehensive care of the adult over time, care which emphasizes a strong doctor-patient relationship and the application of the best available scientific evidence. The internist is able to integrate pathophysiologic, epidemiologic and “bedside” information in order to address urgent problems, manage chronic illness and promote good health.

Medicine Ambulatory Block: The third year schedule will allow some students to schedule a 4 week block of Ambulatory Medicine. Students who complete an Ambulatory Medicine rotation in the third year will satisfy the fourth year requirement for a four week ambulatory rotation in medicine. For the 4 week ambulatory medicine rotation students will be assigned to one of the following sites: Jamaica Plain VA, Bedford VA, Roger Williams Medical Center, Neighborhood Health Centers, Private Practices or BMC.

Obstetrics/Gynecology: An Obstetrics and Gynecology clerkship is one of the core clinical rotations in the medical school curriculum due to its unique focus on female reproductive health and dysfunction. In addition, Ob/Gyn providers are Women's Health advocates who promote education, safe pregnancy, health maintenance and prevention of sexually transmitted diseases, and reproductive cancers. This clerkship emphasizes the doctor-patient relationship, interviewing skills, mastery of the pelvic and breast examination and clinical problem solving in patient care. The foundation that you will gain in obtaining skills and knowledge to become a comprehensive health provider of women will be integral to your education in health care and policy, regardless of future specialty choice. For clerkship students interested in women's health, there is ample opportunity to familiarize yourself with the wide variety of career choices available within the field of Obstetrics and Gynecology. There are five locations of the clerkship available: Boston Medical Center, Metrowest Medical Center in Framingham (MWMC), Beverly Hospital in Beverly and Mt Auburn Hospital in Cambridge..

Boston Medical Center:

The BMC rotation is divided into equal Obstetrics and Gynecology rotations, which include inpatient and ambulatory exposure. Several of the students will travel to the Lahey Clinic (Burlington) for their Gynecology experience. The Gynecology rotation includes exposure to the gynecology subspecialties of Urogynecology, Oncology and Family Planning. There is a late (until 10PM) gynecology call, but no overnights. All BMC based students will have a continuity experience with an Ob/Gyn preceptor, participating in their weekly clinic during the rotation. The Obstetrics rotation will include overnight calls on Labor and Delivery (going home post call). On Obstetrics the student will be exposed to the inpatient and outpatient services, including prenatal diagnosis, Maternal Fetal Medicine and multidisciplinary specialty clinics in substance abuse, HIV and diabetes care in pregnancy. While on Obstetrics, the student will participate in labor management with both the physician and the midwifery care teams.

Lahey Medical Center, Burlington:

Six students based at BMC in Obstetrics have the opportunity to participate in the inpatient gynecology service at Lahey Medical Center. The Lahey Gyn service is very busy, and the student is typically in the operating room all day every day. For students interested in surgery, oncology, urogynecology, or Ob/Gyn in general – being at Lahey offers a volume of surgical exposure unavailable at BMC. There is less formalized teaching than at BMC. There is no night call; each student will round one weekend at Lahey. **A car is necessary for this portion of the rotation.**

Framingham Metrowest Medical Center:

The Metrowest Ob/Gyn experience highlights the following opportunities: daily teaching sessions, a less intense ob/gyn experience than at BMC, and a heterogeneous patient population which includes a vibrant Portuguese community. As ambulatory experiences are limited, students will return to BMC for continuity clinics half a day per week. The students take call approximately every fifth to sixth night and one weekend per block. **A car is necessary for this rotation.**

Beverly Hospital:

The rotation at Beverly Hospital is divided evenly between Obstetrics and Gynecology. The students will receive an overview of all aspects of the field of OB/GYN as well as getting a flavor of the lifestyle of an OB/GYN today. The physicians and midwives at Beverly are in private practice. There are no “clinic” patients. Students will be assigned to work with both physicians and midwives in both the hospital and the office setting. Hours are generally 7-5; one 24-hour weekend call on OB is required. **A car is necessary for this rotation.**

Mount Auburn Hospital:

Mt Auburn is a community hospital serving Cambridge and surrounding areas. The clerkship is integrated, with components of clinic, GYN OR and L&D during the week. You take overnight call once or twice a week on Labor and Delivery. One or two days a week are in clinic. You will see a variety of patients in a variety of settings. There is no inpatient GYN rounding. **A car is not necessary to go to Mt Auburn, but many of the clinics are off-site and may require a car.**

All Locations:

During the clerkship, each student will prepare and present a clinical case; including patient presentation, pathophysiology, and evidence based management. The Metrowest and Mt Auburn students will do their presentations at their clinical sites. Each student is evaluated based on performance on the National Board of Medical Examiners Shelf exam, a standardized patient examination and clinical evaluations by preceptors. Successful completion of the clerkship requires a passing grade on the shelf exam and the OSCE, and satisfactory clinical evaluations.

All clerkship students will be on the BMC campus all day on Wednesdays for education day.

Students at Metrowest and BMC will have a continuity clinic half a day per week with a faculty member either at BMC or at an outside health center.

FAMILY MEDICINE CLERKSHIP

The Family Medicine Clerkship is a six-week core rotation for BUSM third year students. Central objectives of the clerkship are to teach: 1. The Family Medicine approach to the diagnosis and management of undifferentiated patient problems, 2. Core clinical skills required to assess and manage common acute and chronic problems, and 3. Principles of comprehensive and continuous care for patients and their families. The clerkship also emphasizes the principles of health promotion, disease prevention, and patient education.

The Family Medicine Clerkship is primarily focused on ambulatory care. While some students will participate in taking care of the hospitalized patients of their preceptors as well as patients in nursing homes and other facilities, the majority of the clerkship will be in the office setting. These settings may be in Family Medicine residency programs, community health centers, or private group or solo practices; students will be able to rank order their site preferences.

Experience at the clinical sites will be complemented by the core curriculum at Boston University School of Medicine and on-line discussions facilitated by department faculty. Performance will be evaluated by the student's preceptors, a case report, online work, as well as OSCE and written examinations at the conclusion of the clerkship. Students will also have to demonstrate competence in certain clinical skills.

The sites utilized by the Family Medicine Clerkship include a number of community health center and underserved sites, such as the Family Medicine Health Center at Boston Medical Center, Codman Square Community Health Center, South Boston Community Health Center, East Boston Neighborhood Health Center, Manet Community Health Center, and Upham's Corner Community Health Center; private practices in the greater Boston area; and private practices affiliated with Cape Cod Hospital and the Maine Primary Care Association. Clerks are also placed at the following Family Medicine Residency Programs: BUMC Family Medicine Residency (South Boston and Codman Square Health Centers), Tufts Family Medicine Residency at Cambridge Health Alliance, UMass/Fitchburg Family Medicine Residency Program, Central Maine Medical Center FMRP in Lewiston, and Middlesex Hospital Family Medicine Residency Program in Connecticut. Housing is provided at Cape Cod, Maine, and Connecticut sites.

We have additional sites throughout Massachusetts which are available during certain blocks, but do not provide housing. If you have family or housing near one of those locations, you can contact the Family Medicine Department to arrange a placement there. These sites are not offered through the registrar's lottery. Please contact us as soon as possible if you are interested in one of these sites.

Once students receive their schedule sequences from the registrar, they will then enter their site preferences through the registrar. They will also receive an email with the link to the [Family Medicine Site Preference Form](#). This online form will allow students to give us more detailed information about their interests and preferences. Please fill it out as soon as possible. Students will then be matched to specific sites by the department based on schedules and interests, as expressed in the online form. ***Please note: We do our best to accommodate all requests, but given the number of spots needed, we are not able to guarantee that all requests will be met.***

Our sites are divided into the seven categories listed below. During the registrar's lottery, you will rank the seven categories. Please see below for the lists and descriptions of the specific sites in each category.

- 1. Community Health Centers/Underserved**
- 2. Greater Boston Private Practice**
- 3. UMass/Fitchburg Family Medicine Residency**

4. **Central Maine Medical Center - Family Medicine Residency Program**
5. **Maine Primary Care Association**
6. **Cape Cod Family Medicine Centers**
7. **Middlesex Hospital Family Medicine Residency Program, CT**
8. **Rehoboth/Seekonk Medical Center**

The list of additional sites NOT offered in the registrar's lottery (with no housing provided, see above) is listed on the clerkship website.

Please go to the Family Medicine Clerkship Website to see the list of specific sites in each of the categories above, including the additional sites.

<http://www.bu.edu/familymed/medstudenteducation/3rdyr.html>

Once you have read the descriptions of the sites, please fill out the [Family Medicine Site Preference Form](#).

Contact Information

Dr. Miriam Hoffman-Kleiner

Clerkship Director
(617) 414-6208

Miriam.Hoffman@bmc.org

Florence Laforest

Manager of Student Relations/Clerkship Coordinator
(617) 414-6237

flafores@bu.edu

EIGHT WEEK GENERAL SURGERY CLERKSHIP

Students will be assigned to one rotation in each of the following categories:

Core General Surgery Rotation (4 weeks):

- **Boston Medical Center East Newton Campus (ENC):** *Chiefs Service* (GI Surgery) or *Mozden Service* (Surgical Oncology)
- **VA Boston Healthcare System:** Primarily West Roxbury VAMC
- **Cape Cod Hospital (CCH):** (General Surgery)

Vascular or Cardiothoracic Surgery Rotation (2 weeks):

- **Smithwick:** ENC (Vascular Surgery)
- **Cardiothoracic Surgery:** ENC
- **Vascular Surgery, VA Boston Healthcare System:** (Vascular Surgery for students doing General Surgery at the VA)

HAC Trauma/General Surgery, or Anesthesiology (2 or 4 weeks):

- 2 weeks of **trauma and general surgery:** HAC
- 2 weeks of **anesthesiology:** ENC
- 4 weeks of **trauma and general surgery:** HAC (and omit the Vascular/ Cardiothoracic block) (limited to 2 students per block)

Core General Surgery Rotation: Responsibilities will be similar at all core hospital locations. You will participate in clinic, the OR, and rounds. Preoperative and postoperative care is emphasized. You will have night/evening and weekend call.

Vascular Surgery Rotation: Duties are similar to those on the core rotation and include OR, clinic, and rounds. You will learn to diagnose and treat vascular problems.

Cardiothoracic Surgery Rotation: Duties include OR and rounds. You will learn diagnosis and surgical management of cardiac and pulmonary disease.

HAC General and Trauma Surgery Rotation: Duties include OR, clinic, and rounds. You will assist with trauma and emergency surgery, as well as care in the ER and surgical clinics. You will have overnight call.

Anesthesiology: Duties include preoperative assessment and assisting with OR care of patients undergoing anesthesia for a variety of surgeries. You will do one weekend shift of Trauma Surgery at HAC.

Transportation/Lodging: Cape Cod Hospital Rotation

Housing is provided in a house owned by Cape Cod Hospital about a 2 minute walk from the hospital. The house has 4 bedrooms and is shared by other health professional students (ie Northeastern nursing and pharmacy students). It has 2 bathrooms and a full kitchen with the basics. You will need to bring bedding, towels and hangers. Meals are not provided, but the 'employee' discount is significant at the cafeteria.

Contact Ann-Marie Torres about where to be when for your first day, as she is responsible for checking all your paperwork, getting you oriented and getting you a house key, pager and badge. You will need to provide a refundable \$30 cash key/badge deposit.

Regarding call: because BU students return to BU post pm rounds on Thursday for Friday didactics, we generally do not take call on the weekends. You need to be back on the Cape Sunday night for Monday morning rounds. However, a medical student is required to be on call every night and on the weekends. There are other medical students full-time at CCH who generally cover call, but BU students may need to fill in from time to time.

Other Transportation Issues:

Both locations of the VA are slightly outside the city and are best reached by car. Public bus service does not run in the early morning. Car pooling is encouraged. Approximate driving times from Boston Medical Center are listed below:

Cape Cod Hospital: 1.5 hours

VA Jamaica Plain: 25 minutes
VA Roxbury: 40 minutes

Breast Clinic:

All students will attend one breast clinic. Students rotating at BMC (both ENC and HAC) will be assigned to attend breast clinic in the Belkin Breast Clinic at Moakley. Students who have core rotations at the VA, and CCH will attend breast clinic at those sites.

Friday Lectures

All students will attend didactic sessions Fridays at BMC throughout the clerkship. The sessions usually run from 9:30am until 2:30pm.

Rotation Scheduling

You will be assigned to the VA or BMC as a core hospital by the Registrar's lottery. Before your scheduled block, you will receive the ranking form via email and rank preferences for the outlying core rotation hospitals. The Surgery Education Office will try to accommodate your preferences within the restrictions of the various services and locations. Selections will be reviewed after the deadline and the block schedule will be assigned. The schedule will be sent via email and students will have a **one week** period to request any changes. Dates for change requests will be listed on the email. Students who do not complete and return the information will be assigned to unfilled rotations and forfeit the privilege to request changes to the schedule. Late requests for schedule changes usually can not be accommodated.

FOUR WEEK SURGICAL SUBSPECIALTY ROTATION

The new third year schedule will allow most students to schedule either one or two four-week blocks of elective time. Students who do surgical subspecialties during that time will satisfy the fourth year requirement for a four-week surgical rotation. The Surgical Education Office will offer a four-week rotation consisting of two two-week subspecialty rotations. Students will be able to select the subspecialties they wish to do, limited by capacity. Options will include:

Anesthesia (BMC or VA)
Cardiac Surgery (BMC or VA)
Neurosurgery (BMC)
Ophthalmology (BMC or VA)
Orthopedics (BMC or VA)
Otolaryngology (BMC)
Plastic Surgery (BMC)
Urology (BMC or VA)

In addition, these subspecialties allow students to do four-week rotations in their fourth year. Please contact Surgical Education office to request more information.

Please do not hesitate to contact Surgical Education office in case you have any questions.

Jane E. Méndez, MD
Clerkship Co-Director
Tel: 617-414-8011
Boston Medical Center
88 E. Newton , C 522
Boston, MA 02118
Jane.Mendez@bmc.org

Myriam Castagne
Student Coordinator
Tel: 617-638-8443
Boston Medical Center
88 E. Newton Street, C 520
Boston, MA 02118
myriam.castagne@bmc.org

PEDIATRICS

Colin Sox M.D., MS
Director, Pediatric Clerkship
Patricia Kavanagh, M.D.
Associate Director, Pediatric Clerkship

All of the clerkship sites share common clerkship goals. Students who rotate in the core Pediatric clerkship will learn clinical Pediatrics while at one of the following clerkship sites. All students attend core conferences at Boston Medical Center.

Boston Medical Center

The clinical experiences at BMC are divided into a three-week inpatient experience with night call every fourth night until 10:00 PM, a two-week outpatient experience, and a one-week newborn nursery experience. The ambulatory component of the clerkship involves emergency room, specialty, adolescent, and primary care experiences taught and supervised by full time pediatric faculty. The inpatient experience is on a general pediatric ward working very closely with the house officer and faculty team. The Birthplace (nursery) experience is five days of neonatal general pediatrics, with a brief introduction to the newborn intensive care unit. Students in the CCHERS Community Partnership Program can do the ambulatory component of the clerkship at their CCHERS site and the inpatient and nursery components at Boston Medical Center. This clerkship site provides a core experience in pediatrics. During the pediatric clerkship, 8 to 10 students can rotate at Boston Medical Center during a clerkship block.

The site director at Boston Medical Center is Dr. Patricia Kavanagh, and the assistant site director is Dr. Doug Hoffman.

Beverly Hospital

Beverly Hospital is a 227-bed facility that serves the healthcare needs of residents of Beverly and its surrounding communities. Through collaboration with Children's Hospital Boston, Children's physicians located on site at Beverly Hospital coordinate both inpatient care and outpatient emergency services for pediatric patients. Children's physicians work in conjunction with Beverly Hospital's primary care physicians to care for children who need emergency services or inpatient hospitalization. Should a patient require hospitalization, we have a bright and sunny 11 bed inpatient pediatric unit. The Pediatric team also cares for Newborn Nursery infants whose future care will be provided by those physicians who do not round in the nursery at Beverly Hospital. Special features of the newborn service include Beautiful Beginnings, the North Shore Birth Center, a breast-feeding program, and a Doula Program. Children's Hospital neonatologists provide medical care for sick and premature newborns in the Beverly Hospital's Level II Special Care Nursery. Within the hospital's Emergency Department, there is a Pediatric Emergency Service to provide care for children less than 19 years of age. The Children's Hospital physicians perform routine urgent care and trauma care, including laceration repair and sedation for fracture reduction. They also stabilize acutely ill patients prior to transfer to a tertiary facility if necessary.

The outpatient experience will include six half-day sessions at Beverly-affiliated pediatrician's offices. The hospital-based portion of the rotation will integrate nursery, inpatient, and Emergency Room experiences. There is opportunity for pediatric subspecialty exposure as well. Students need a car for this rotation. During the pediatric clerkship, two students can rotate at Beverly Hospital.

The pediatric clerkship at Beverly Hospital is directed by Dr. Terri Becker.

Emerson Hospital

Emerson Hospital will accommodate two students in selected rotations. Emerson Hospital is located at Route 2 in Concord, MA, at the corner of Old Road to Nine Acre Corner. It is a community hospital of 270 beds, with a 20 bed pediatric and adult overflow ward admitting approximately 500 children a year. The hospital has a Level II nursery which can accommodate five special care infants and almost 1700 newborns deliveries a year. Only those infants requiring intubation or pediatric surgery are transferred to Level III nurseries in Boston. The nursery is run by a Board Certified Neonatologist and a Masters Level Clinical Nurse Manager. Private pediatricians admit their sick patients to the Special Care Nursery under their guidance. Emerson Hospital has a Board Certified Pediatrician in house on call 24 hours a day. The hospital has 21 pediatricians who have private offices in neighboring towns and admit to the hospital. The Emergency Department sees approximately 27,000 patients a year,

of which 15% are pediatric. Students in the past have described the rotation as giving: "an excellent outpatient experience with very good lectures and didactics", lots of teaching by attendings and a good look at a community hospital practice setting." Additional experiences during the rotation include school health, weekly visits to a school for special needs children, and participation in pediatric early intervention. Students will have the opportunity to meet a 36-38 week pregnant mother at the beginning of the rotation and follow her through her delivery and the first two weeks of her child's life. Students will also have emergency department and inpatient learning experiences, as well as evening on-call responsibilities. On the inpatient service this will be 9:00 PM every night for a total of 9-10 days.

The site director at Emerson Hospital is Dr. Edward Chung.

Framingham Union/MetroWest Medical Center

Three-four students will be assigned to Framingham Union/MetroWest Medical Center (MWMC) each rotation. Students work on a team including three MWMC Transitional Interns and a teaching/supervising PL-2 resident from the Tufts / Floating Hospital residency program. Faculty, all of whom participate directly in student teaching, include a group of Pediatric Hospitalists (present 24 x 7); Neonatologists; and two hospital-based Primary Care Pediatricians. Students also interact with Pediatric Emergency physicians and a pediatric radiologist. Additionally, students may spend some time in Primary Care Pediatricians' offices as well as outpatient sessions with Pediatric sub specialists. There are twenty-two inpatient beds and forty-nine neonatal beds including twelve newborn Level II beds. The various experiences are integrated, not sequential, meaning that on any particular day, students move between the inpatient unit, delivery rooms, well-baby nursery, special care nursery, the clinic, the Emergency Department and community experiences. This assures that students get plenty of patient contact, even during times of the year when the inpatient volume is lower. This is the only rotation where there is an experience in a Special Care Nursery. Because only three-four students are present and the services are so varied, the rotation has been considered an excellent one for the students who are interested in general pediatrics. A car is necessary (commuter rail to South Station is nearby but schedule is not convenient). Students are expected to take "short" call, including weekends; there are usually facilities available for students who wish to stay over.

The site director at Framingham/MetroWest Medical Center is Dr. Jerry Wortzman, and the associate site director is Dr. Karen Desio.

MassGeneral for Children at North Shore Medical Center

MassGeneral for Children at NSMC, is a 20-bed pediatric facility in Salem, Mass. It is easily reached by public transportation as well as by car. It draws from all communities north of Boston, up to the New Hampshire border. MassGeneral for Children is an affiliate in the Partners Health Care system, and so draws its residency complement, as well as pediatric sub specialists from the department of pediatrics at Massachusetts General Hospital. Immediate supervision of students is by a staff of interns, residents, and a teaching senior resident from the MGH program. The junior clerkship at MassGeneral for Children at NSMC has been in existence for over thirty years, with students from BUSM beginning in 1998-99. Students work under the ultimate supervision of an active in-house attending staff that plan all curriculum activities, coordinate the rotation, and provide evaluation. Students rotate through an inpatient floor which boasts about 1800 admissions (including OBV's per year), the fifth busiest pediatric emergency room in the state (18,000 visits/yr.), and a nursery with a 12 bed SCN, and 1800 deliveries. In the ED they work side-by-side with full-time attendings, and in the nursery with a full-time neonatologist. The clerkship experience is rounded out with core lectures and grand rounds, as well as visits to outside pediatricians' offices. Students report to Ms. Maryann Rowen, who coordinates the program, out of the office of Dr. Edward Bailey, Chair of Pediatrics.

The site director at MassGeneral for Children at NSMC Dr. Edward Bailey and the associate site director is Dr. Vandana Madhavan.

Norwood Hospital

Norwood Hospital will accommodate two-three students in each rotation, beginning in Block 2. Norwood Hospital is a community hospital located 15 miles SW of Boston. This site emphasizes community pediatrics, office-based teaching, independent thinking and independent learning in conjunction with lots of one-on-one teaching with the community hospital-based pediatricians. It provides many opportunities and resources for the independent learner to explore inpatient and outpatient pediatrics according to his/her own interests with an inpatient mentor. The newly renovated Small Miracles Family Birthing Center has 700 deliveries per year and a level I nursery. A pediatrician is in-house 24 hours a day. This physician's responsibilities include attending high risk deliveries, caring for children in the emergency room, admitting inpatients to our 7 bed pediatric unit, caring for sick newborns or children on the inpatient unit, and precepting students. This program is directed by Dr. Bruce Weinstock. The third year rotation in general pediatrics at Norwood Hospital will be diverse and incorporate plenty of hands-on learning. Students will spend time in the hospital with a variety of hospital and emergency pediatricians. There are no fellows or residents. The student responsibilities will include active involvement in the care of patients seen in the hospital and attendance at brief and informal discussions about patient care and disease processes. Each student will work-up and present at least five inpatients or neonates per week. Students will also have the opportunity to attend pediatric specialty clinics that, depending upon the schedule, may include gastroenterology, pulmonology, dentistry, urology, endocrinology, and genetics. The typical student spends 4 days per week presenting at morning inpatient rounds, presents 4 newborn cases over the

clerkship, attends a few c-sections, spends 2-3 half-days per week with a primary care physician, spends 2 half-days per week at a variety of the pediatric subspecialty clinics listed above, and spends 3 half-day sessions per week and one evening per week seeing patients in the Pediatric Emergency department. There can be lots of variability in the clinical experience depending upon student interest and multiple other factors. There will be reading time available. Students will also spend time in a clinical lab. Call typically is once per week until midnight. Other weekday hours begin at 7:00 AM and end between 5:00 and 7:00 PM. The schedule can be flexible depending on student needs. A car (cab may be necessary to private practitioner's office) and Beeper are both required. Commuter rail is available to the site.

The site director at Norwood Hospital is Dr. Bruce Weinstock. The associate site director is Dr. Courtney Davis Griffiths. Questions regarding the rotation may be directed to him at 617-818-7976 or Bruce.Weinstock@Childrens.harvard.edu

South Shore Hospital

South Shore Hospital is a 280-bed community hospital located in South Weymouth, MA. The pediatric facilities consist of a 15 bed inpatient unit, a 21 bed Level II/III NICU, a well baby nursery with ~4,000 deliveries/year, and a pediatric emergency department seeing ~18,000 patients/year. There are two full-time inpatient pediatricians who will supervise the medical students during their rotation. The clerkship emphasizes community-based medicine and provides a strong experience in general pediatrics. While provided with direct teaching by both hospital-based and office-based pediatricians, students are also guided in the process of independent thinking and learning. Students spend time on the pediatric floor, in the well baby nursery, pediatric ED, and in the offices of community pediatricians, and have the opportunity to explore other areas such as the Reading Partnership program. During the pediatric clerkship, 2 students rotate at South Shore Hospital.

The site director at South Shore Hospital is Dr. Alison Daigneault, and the associate site director is Dr. Gregory Cardello.

Winchester Hospital

Located just north of Boston, Winchester Hospital serves the health care needs of many surrounding communities and is the first community hospital to receive the Magnet Award for outstanding nursing care in all of Massachusetts. In addition to its adult medical services and facilities, Winchester Hospital has a 12-bed Pediatric unit, a 4-bed Pediatric Emergency Department and an extensive Obstetrics and Neonatology division that supports close to 3,000 births annually and can provide Level II specialty care to 16 newborns in their Special Care Nursery. Through Winchester's unique partnership with Children's Hospital Boston, pediatricians and neonatologists come to Winchester Hospital and staff the pediatric programs and special care nursery 24 hours a day, seven days a week. The pediatric emergency room serves patients for 12 hours a day, seven days a week and is staffed by pediatric emergency medicine-trained pediatricians from Children's Hospital Boston as well. During the Pediatric clerkship, two students rotate at Winchester Hospital.

The site director at Winchester Hospital is Dr. Nadine Arahamian, and the associate site director is Dr. Robyn Byer.

PSYCHIATRY

BayRidge Hospital

60 Granite Street

(781) 599-9200

Lynn, MA 01904

Coordinator: **Barry Ginsberg, M.D.**

Administrative Coordinator: Debbie Krinsky

(781) 477- 6965

This is the free-standing hospital component of the larger general hospital, Beverly Hospital. Students will be assigned to one of three units: a general psychiatric unit (31 beds), a dual-diagnosis unit (substance abuse together with another mental disorder), (24 beds), and/or an intensive observation unit (6 beds). Opportunities will exist for the students to follow patients from the moment of their presentation and evaluation at the Psychiatric Emergency Room through their hospital stay and subsequent partial care or outpatient treatment. Staff psychiatrists will supervise student work and present the didactic curriculum. This placement presents a good opportunity to participate in the treatment of patients from a wide range of backgrounds presenting a wide range of acute and chronic mental disorders.

Bedford VA Hospital (Edith Nourse Rogers Memorial)

200 Springs Rd., Bedford, MA

(781) 687-2363

Coordinator: **Frances Frankenburg, M.D.**

Administrative Coordinator: Doreen Asselin

x 2478

This is a hospital with 2 inpatient psychiatry units and a very large outpatient program. Students are assigned to substance abuse, outpatient services, continued treatment services, and at other times, to the day hospital. The student is under the general supervision of the staff psychiatrist in charge of the unit of assignment but also receives supervision and much teaching from other staff psychiatrists. There is a well-structured series of didactic seminars. Additional opportunities exist on the consultation and liaison service and acute admissions.

Boston Medical Center – East Newton Campus

B-410

638-8670

Coordinator: **Jeanne Horner, M.D.**

Students' assignment is to the Psychosomatic Service at Boston Medical Center on the East Newton Campus. Students work closely with the staff psychiatrists responsible for evaluating and following patients on the medical, surgical, and neurological services of the hospital. The students will be supervised by attending psychiatrists and psychiatric residents. There is a weekly case conference and teaching conference as well as daily morning rounds.

Boston Medical Center-ER Rotation

ER, Menino Pavilion, Boston Medical Center

Coordinator: **Katharina Trede, M.D.**

Pager 1273 (BMC)

Medical students' will be assigned to the ER service at the Menino Pavilion. Students will shadow the psychiatrists and clinicians and see a great variety of patients in the ER.

Boston Medical Center-Psychosomatic at Menino Pavilion

Dowling 8th Floor

414-4758

Coordinator: **James Chengelis, M.D.**

Medical students' will be assigned to the Psychosomatic Service at Boston Medical Center, Menino Pavilion. Students work closely with the staff psychiatrists on the consultation-liaison service. The students will be responsible for evaluating and following patients on the medical, surgical, and neurological services of the hospital. The medical students will be supervised by the attending psychiatrist and will attend a weekly teaching conference. There is a weekly case conference on the service and morning rounds everyday.

Bournewood Hospital

300 South St., Brookline, MA 02467

(617) 469-0300 x308

Coordinator: Irina Mezhebovsky, M.D.

Administrative Coordinator: Marilyn Budd**x308**

The Bournewood Hospital is a 90-bed psychiatric facility located in South Brookline. Inpatient units consist of 3 acute treatment wards, a dual diagnosis unit, and an adolescent unit. In addition, there is a partial hospitalization unit and an outpatient clinic. Students' primary assignments will be on one of the acute admissions units. Students will be responsible for participating in the admission and work-up of patients as well as following their hospital course, writing progress notes, and presenting at rounds. There will also be exposure to ECT, a didactic seminar. There will be individual clinical supervisors as well as a certain amount of coverage in the admission and triage area.

Brockton VA Hospital

940 Belmont St, Building 2, 2nd Floor Brockton

(508) 583-4500

Coordinators: **Lynn DeLisi, M.D.**

(516) 528-5366

The Brockton Hospital is a 465 bed Veteran hospital with several inpatient psychiatric units. Inpatient units consist of 2 acute and 2 chronic treatment wards, a chemical dependency unit, and an emergency department. In addition, there are partial hospitalization, as well as day hospital facilities and an outpatient clinic. Students will spend their time divided between 2 wards: 1 acute and 1 chronic. On the acute ward they will attend daily rounds and see work-ups of new admissions. On the chronic ward they will also attend daily rounds, but follow a group of patients with various diagnoses throughout the rotation. They will be responsible for an initial comprehensive lifetime psychiatric history of each of their assigned patients and then weekly follow-up notes. There will also be exposure to ECT treatment, psychiatric emergency care, group therapy sessions community based outpatient treatment, and alcoholics anonymous meetings. There will be individual clinical supervision by the attending psychiatrists and a chance to become part of the entire treatment team consisting of nurses, a nurse practitioner, social worker, psychologist, recreation therapist, pharmacist and occupational therapist.

Carney Hospital

2100 Dorchester Ave, Dorchester, MA

296-4000 x3554

Coordinator: **Zamir Nestelbaum, M.D.****Administrative Coordinator: Edy Farago****x3554**

This is a psychiatry unit located in a general hospital that has locked wards. Students are assigned to an attending psychiatrist for the duration of the clerkship and work very closely with this individual as part of the treatment team. Students are given considerable responsibility and become an important aspect of the patient's therapeutic program. Students at Carney will also participate in consultations to the general hospital population, will work in the emergency room, and will have some opportunity to be participant observers in group therapy and to observe psychotherapy.

Mount Auburn Hospital

300 Mount Auburn St., Cambridge, MA, 02138

(617)492-3500

Coordinator: **Joseph P. D'Afflitti, M.D.****Administrative Coordinator: Veronica Hsu**

Mount Auburn Hospital is a 190-bed community teaching hospital. This clerkship site provides medical students with an experience in general hospital psychiatry. Students will evaluate and follow patients on our inpatient geriatric psychiatry unit, and will also participate in psychiatric consultations to patients on our medical and surgical inpatient units, and to patients in our emergency department. In all areas, students will work closely with supervising attending psychiatrists.

Quincy Medical Center

114 Whitwell St, Quincy, MA, 02169

Coordinator: **Joanna Buczek, M.D.****Administrative Coordinator: Jane Happeny****(617) 376-3172**

Quincy Medical Center is a general hospital which offers a wide range of psychiatric services. The medical student is assigned patients on the locked inpatient services where they are supervised in the evaluation, treatment, and aftercare planning of their patients. A particular educational asset is the neuropsychological team that focuses on the more cognitive and structural aspects of certain cases. The student would also spend a portion of their time each week on the consultation-liaison service, providing psychiatric evaluation for medical and surgical patients, and they have the opportunity to become involved in the geriatric outpatient partial hospital.

Roger Williams Medical Center

825 Chalkstone Avenue, Providence, RI 02908

Coordinator: **David Kroessler, MD**

(401) 529-5827

This is a new Psychiatry Clerkship site for BU and will include rotating through 2 Providence general hospitals that are located 2 miles apart. Students will reside on the campus of Roger Williams Medical Center in a free-standing house across the parking lot from RWMC; most of the rooms are single with shared baths and kitchens. The academic experience for med students will include exposure to inpatient psychiatry, geriatric psychiatry, dual-diagnosis psychiatry/addiction psychiatry, outpatient psychiatry, and consultation-liaison psychiatry. There will be additional experiences with electroconvulsive therapy, emergency department psychiatry, and administrative psychiatry. Students will be expected to attend tutorials in NBME topic areas, psychopharmacology, child psychiatry, and eating disorders. The expectation is also that students will need to attend all Boston-located meetings/seminars.

West Roxbury Veteran's Administration Hospital

1400 VFW Parkway, West Roxbury, MA

Coordinator: **Brandon Erdos, M.D. and Jennifer Brown, M.D.**

731-3703

Medical students will spend 6 weeks at the West Roxbury VA Hospital on the Consultation-Liaison Psychiatry service. They will work closely with the attending psychiatry staff as well as fellows in psychosomatic medicine and psychiatry residents. Students will be responsible for the psychiatric care of 2-4 patients per day and will follow their medical and psychiatric hospital course. There is extensive exposure to general psychiatry, forensic psychiatry, emergency room psychiatry, as well as consultation-liaison psychiatry. There are weekly seminars, case presentations, daily rounds, individual supervision, and academic presentations throughout the 6 weeks.

Westwood Lodge Hospital

45 Clapboardtree Rd., Westwood, MA

Coordinator: **Paul Arkema, M.D.**

762-7764 x168

This is a 100-bed private psychiatric hospital characterized by locked inpatient units, open inpatient units, a child psychiatry unit and several specialized treatment services. Students are supervised by a staff psychiatrist and also have the opportunity of working closely with the attending psychiatrist. They are given a good deal of responsibility for treating patients assigned to them both in terms of evaluation and ongoing psychotherapy. Additional opportunities exist in child psychiatry, drug abuse, day hospital programs as well as possible participation in clinical research projects.

NEUROLOGY

The goal of the Clerkship in Neurology is to teach the students how a Neurologist thinks about disease. *The objectives include:*

1. The ability to perform a detailed neurological history and examination and to record the results.
 2. The ability to interpret historical information and abnormalities found on examination so that the lesion may be localized in the nervous system (where's the lesion?);
 3. Familiarity with common neurological diseases so that knowledge of location of the lesion can lead to the generation of a differential diagnosis (what's the lesion?);
 4. Familiarity with the presentation and pathophysiology of common neurological disorders and disorders associated with common medical and surgical conditions;
 5. An understanding of the rationale for the treatment and prevention of neurological disease;
 6. Familiarity with the prognosis, psychosocial and economic aspects of long term neurologic impairment and disability.
- Each student will be assigned to one of several clinical sites where a coordinator will oversee the clerkship. The course objectives, core reading material and student evaluation policy will be provided to the students in the online material.

RADIOLOGY

CLERKSHIP LEARNING OBJECTIVES

1. By the end of the Radiology Clerkship, BUSM-3 and BUSM-4 students will be able to recall the available diagnostic imaging examinations and their relative costs and identify their indications, contraindications, and complications.
2. By the end of the Radiology Clerkship, BUSM-3 and BUSM-4 students will be able to recall the principles of evidence-based imaging and identify the most efficacious imaging examination(s) for each patient's specific clinical scenario.
3. By the end of the Radiology Clerkship, BUSM-3 and BUSM-4 students will be able to recognize the patient's needs and fears regarding imaging procedures, recall patient experience with imaging procedures, identify preparations for the procedure, plan post-procedural care, and estimate ionizing radiation exposure.
4. By the end of the Radiology Clerkship, BUSM-3 and BUSM-4 students will be able to identify normal anatomy and common pathologic entities on diagnostic imaging studies.
5. By the end of the Radiology Clerkship, BUSM-3 and BUSM-4 students will be able to interpret diagnostic imaging studies in the context of previously learned pathologic anatomy and pathophysiology, and formulate an appropriate differential diagnosis based on the patient's clinical and radiologic findings.
6. By the end of the Radiology Clerkship, BUSM-3 and BUSM-4 students will be able to recall the available diagnostic imaging examinations and the role of the radiologist.
7. By the end of the Radiology Clerkship, BUSM-3 and BUSM-4 students will be able to interpret diagnostic imaging study(ies), and using the study(ies), organize and produce a presentation of that case at a departmental noon radiology-pathology conference.

Third Year Clerkships Dates-2011-2012

MEDICINE/SURGERY (8 week block)

Blocks:	
A	6/6/11-7/31/11
B	8/1/11-9/25/11
C	9/26/11-11/20/11
D	11/21/11-1/22/12
E	1/23/12-3/18/12
F	3/26/12-5/13/12

FAMILY MEDICINE/OBSTETRICS-GYNECOLOGY/PEDIATRICS/PSYCHIATRY (6 week block)

Blocks:	
1	6/6/11-7/17/11
2	7/18/11-8/28/11
3	8/29/11-10/9/11
4	10/10/11-11/20/11
5	11/21/11-1/08/12
6	1/09/12-2/19/12
7	2/20/12-4/08/12
8	4/09/12-5/13/12

**NEUROLOGY/RADIOLOGY/AMBULATORY MEDICINE/SURGERY SUBSPECIALTY/ELECTIVE
(4 week block)**

Blocks:	
A1	6/6/11-7/3/11
A2	7/4/11-7/31/11
B1	8/1/11-8/28/11
B2	8/29/11-9/25/11
C1	9/26/11-10/23/11
C2	10/24/11-11/20/11
D1	11/21/11-12/18/11
D2	12/19/11-1/22/12
E1	1/23/12-2/19/12
E2	2/20/12-3/18/12
F1	3/26/12-4/15/12
F2	4/16/12-5/13/12

Note:

Winter Vacation Break: 12/24/11-1/2/12

Spring Vacation Break: 3/19/12-3/25/12