CLERKSHIP INFORMATION ACADEMIC YEAR 2016-2017

MEDICINE

Course Director: Samy McFarlane, M.D.
Medical Student Coordinator: Kate Schulz (718 270-2390)
Assistant Coordinator: Andrea Holder (718 270-1557)

Clerkship Description: Two (4 week) rotations within the context of the Medicine/Primary Care 12 week block. In this clerkship, students will be introduced to clinical medicine and develop skills and knowledge needed to evaluate patients. They will learn the principles underlying therapy and develop an appreciation of their role as a valuable member of a health care team.

Expectations: Six (6) day a week commitment. Late call every 4th – 5th night (no overnights). At least 4 patient write-ups. You will be evaluated on your clinical work. At the end of the 8-week experience, you will be expected to conduct a competent history and physical examination with faculty observer. There is an NBME (shelf) exam at the conclusion of the Clerkship.

Hospital Sites:

In-House: Four weeks at either Kings County Hospital or Downstate University Hospital
Affiliate Sites: Four weeks at one of the sites listed below:
Brooklyn VA
Lenox Hill Hospital
North Shore University Hospital
Staten Island University Hospital

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
CLERKSHIP INFORMATION

NEUROLOGY

Course Co-Director: Brian Anziska, M.D. (917) 760-0879  
Course Co-Director: Lisa Merlin, M.D. (917) 760-0919  
Medical Student Coordinator: Nathalie Deare   (718) 270-2945  Room#: UHB A6-345

Clerkship Description: The clerkship provides experience in the physical examination, assessment, work-up and management of patients with acute and chronic neurological conditions. Students are assigned patients for whom they assume responsibility under the supervision of resident and attending neurologists. Students participate in weekly clinical conferences and outpatient clinics, and are introduced to the use of neurological tests, such as EEG, EMG, CT scans, MRI scanning, cerebral MR angiography, and lumbar puncture.

Expectations: Students are expected to develop skills necessary for the assessment of adult and pediatric patients with neurological problems.

Hospital Sites:

Brooklyn Hospital
Kings County Hospital / UH-Downstate
Lutheran Medical Center
Maimonides Medical Center
Methodist Hospital
North Shore University Hospital
Staten Island University Hospital

Notes: All students will spend one day per week at Downstate to attend didactic sessions or exams.

Grading is based on the following criteria:

1. **Clinical Performance** (attendance, participation, professionalism and development of clinical competence as demonstrated on wards, in clinics, during preceptor sessions, and on call)
2. Two complete case write-ups;
3. The NBME Subject Examination (shelf exam) in Clinical Neurology;
4. Oral exam score, based on the student’s knowledge of patients and performance on OSCE questions.
5. Completion of the case log requirements.
6. Submission of the neuro exam credentialing card.

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
CLERKSHIP INFORMATION

PEDIATRICS

Course Director: Laura Bruno, M.D., University Hospital 4th floor, Rm. B4-461 (718) 270-4560
Medical Student Coordinator: Joyce Smith, (718-270-1904)

Clerkship Description: The pediatric clerkship is designed to provide students with the basic knowledge and skills necessary to evaluate and manage patients from birth through adolescence. The clerkship objectives, course requirements and expectations of students are presented and discussed at orientation on the first day of the clerkship. Students will spend approximately 2-3 weeks in an in-patient setting and 2-3 weeks in a combined nursery/ambulatory setting. Considerable effort has been made to develop a program which enables students to become fully engaged in the clinical work and involved in the care of patients. Students will be expected to share the responsibility for covering the topics designated as the Core Curriculum in Pediatrics in weekly meetings with their preceptors, and with attendings and residents in all of the clinical sites to which they are assigned. Each patient encounter should be considered an opportunity to learn about normal growth and development as well about how disease presents at each age. Attendance at preceptor meetings, and at the weekly student lectures is required.

The students must perform satisfactorily throughout the clerkship and fulfill all of the objectives in knowledge, skills, and attitudes defined for the course. The final grade in Pediatrics will be based on the evaluations submitted by preceptors, attendings, and residents who supervised the students' clinical performance during the clerkship, on the quality of three written case reports submitted by students, and on the results of students' performance on the National Board shelf examination in Pediatrics taken at the conclusion of the clerkship.

Hospital Sites:
Kings County Hospital/UH-Downstate___________________________________________________
Staten Island University Hospital________________________________________________________

Notes: Shelf exam, clinical evaluation and written case reports. Approximately 6 calls over 6 weeks (varies by site).

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
WOMEN'S HEALTH

Course Director: Nagaraj Gabbur, M.D. (718 270-3117)
Medical Student Coordinator: Takiya Swaby (718 270-2076)

Clerkship Description: Practical experience, full-time. Seminar sessions for the entire group are held on Mondays at SUNY Downstate Medical Center. Attendance at all formally scheduled academic activities is required. Students work-up and deliver patients, and assist at operations and deliveries. Participation in the outpatient service is concurrent with inpatient experience. Lectures and prepatory materials are available on-line.

Hospital Sites:

Brooklyn Hospital_____________________________
Kings County Hospital /Downstate _________________________
Lenox Hill Hospital_______________________________
Staten Island University Hospital________________________

Notes: Shelf exam, oral exam and weekly lectures (at Downstate for everyone in rotation regardless of assigned site). Clinical evaluations. Night float and one weekend call.

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
CLERKSHIP INFORMATION

SURGERY

Course Director: Gainosuke Sugiyama (718 270-6718), (718 270-1973)
Medical Student Coordinator: Darryl Wilson, Jillian Telford (718 270-2306/1982)

Clerkship Description: A brief orientation period on the first day is followed by 8 weeks of clinical clerkship. A more detailed written handout of course requirements and expectations will be distributed on the first day of the clerkship. The following is an overview of the clerkship.

Four of these 8 weeks are spent on general surgery service at the University Hospital/Kings County Hospital Center, the Brooklyn Veterans Administration Medical Center, Staten Island University Hospital or Lenox Hill. The other four weeks are spent at an affiliated hospital or in a surgical subspecialty service. The student must follow patients throughout their illnesses and take an active part in the therapy, including the performance of minor technical procedures, assisting at operations and following results. Rounds and teaching conferences are held throughout the week. These are conducted at the bedside, and are directed at exposing the student to common clinical problems.

The student is expected to attend rounds in the service to which he or she is assigned. A preceptor in the ward guides each student through the clerkship. At the end of the clerkship, the student is given a written examination. The solving of clinical problems is stressed throughout all phases of the clerkship.

By the end of the clerkship the student will have:
1. acquired the knowledge, skills and attitudes necessary to care for the surgical patient.
2. gained an understanding of the process of surgical decision making as it relates to all aspects of the patient’s illness.
3. gained an understanding of the pre-, peri- and post-operative care of the patient.

These goals will be accomplished through didactic lectures, small group sessions, seminars, and ward participation. Emphasis will be placed on the clinical, rather than the technical aspect of surgery. Your final grade in surgery is based on a final written exam (NBME shelf exam); completing WISE-MD modules assigned which will be given during the beginning of the clerkship; and evaluation by both preceptors and SUNY Downstate chief residents where appropriate. Students must also complete a History and Physical (H&P) written Exam and the complete the online Institute for Healthcare Improvement (IHI) Patient Safety Courses.

General Surgery: (Four weeks)
BrooklynVA ______________________________
Kings County Hospital General ______________________________
UH/Downstate – General ______________________________
Lenox Hill Hospital ______________________________
Staten Island University Hospital ______________________________

Subspecialty Sites: (Four weeks at one of the sites listed below)
Brookdale Hospital ______________________________
UH/Downstate – Cardiothoracic ______________________________
UH/Downstate – Transplant ______________________________
UH/Downstate – Orthopedics ______________________________
Kings County Hospital – Trauma ______________________________
Kings County Hospital – CT/Vascular ______________________________
UH/Downstate – Otolaryngology (ENT) ______________________________
UH/Downstate – Urology ______________________________
UH/Downstate – Pediatrics ______________________________

Notes: Shelf exam. Clinical evaluations. Late calls once a week plus two weekends.

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
CLERKSHIP INFORMATION

PSYCHIATRY

Course Director: Ramotse Saunders, MD (718-270-3077) BSB 3-38 or email ramotse.saunders@downstate.edu
Medical Student Coordinator: Kay Alexander (718-270.1402) kay.alexander@downstate.edu

Clerkship Description: Students work on either of two settings: An inpatient psychiatric unit in evaluating and treating patients with mental illness, or as a member of the consultation-liaison team assessing medical and surgical patients for acute Psychiatric issues. For both of these settings, most students will also work a half day in an outpatient Psychiatric clinic. Other site-specific clinical experiences may be available (e.g. daytime Emergency Room coverage, and court-based proceedings) Our program also includes one afternoon/week of didactics. Attendance at these lectures is required. Additional readings are built into the clerkship.

Clerkship expectations encompass Patient Care, Patient-Based Learning, Communications Skills, Systems-Based Practice, and Professionalism. Clinically, students are expected to follow 4-6 patients, as well as participate in the outpatient care of patients with mental illness. Evaluations are composite, and based on clinical performance (attendance, participation, professionalism and development of clinical competence), NBME Subject Examination (shelf exam) in Psychiatry, and a vignette-based examination of clinical skills.

Hospital Sites:
UH/Downstate & Kings County Hospital (Consult/Liaison) ___________________________________
Kings County Hospital (Adult In-Patient) ________________________________________________
Kingsboro Psychiatric Center ___________________________________________________________
Kingsbrook Jewish Medical Center _______________________________________________________
Lenox Hill Hospital _____________________________________________________________________
Coney Island Hospital (Adult In-Patient, Consult/Liaison, Emergency Room) ______________

Notes: Four (4) On-Call sessions over six (6) weeks. Materials are posted online.

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
CLERKSHIP INFORMATION

PRIMARY CARE I - General Primary Care

Course Director:  Paul Harris, M.D.
Medical Student Coordinator: Cheryl Hoyte  (718 270-2257)

Clerkship Description: Students spend four consecutive weeks in a functioning clinical ambulatory care setting with direct patient care responsibility. At least 40 percent of time is spent in continuity of care, 10-20 percent in acute care, and the remainder in subspecialty and gynecology ambulatory clinics. Psycho-social issues are addressed in the context of patient care with preceptor supervision and psychiatric input. Students have a wide variety of affiliated institutions from which to choose.

The experience focuses on ambulatory/primary care issues in clinical medicine, pediatrics and family practice. Students expand existing skills in medical interviewing, and physical diagnosis while developing additional skills in differential diagnosis, health care maintenance, patient counseling and follow-up. During the course, students are responsible for assuming the role of "student" physician under the supervision of an attending preceptor. In addition to direct patient care responsibility, small-group case discussions and topic reviews of particular importance to primary care form the core of the teaching.

Students are required to present an in-depth review of one Primary Care topic during the course. There will be formal evaluation of the student's performance by attending preceptors based on observation of patient encounters, record keeping, and presentations. Students will be required to evaluate the course and sites. In order to obtain Honors or High Pass, students are required to conduct a special project in ambulatory or community health, in addition to performing at an honors level.

Students will spend one morning (Friday) a week back at the SUNY Downstate campus for lectures, which is considered to be an integral part of Primary Care I. There is a standardized patient experience and a quiz.

Expectations: Become an integral part (provider) in a functioning primary care setting. Attendance, conference and honors projects.

Sites:
Bedford Group
Brooklyn VA
Coney Island Hospital
Cumberland Family Health Center
Downstate/UHB PEDS
East New York NFCC – PEDS
Kings County Hospital Center
Richmond University Hospital
St. Albans VA
NSLIJ Staten Island University Hospital

Notes: No exam, no nights, no weekends. Clinical evaluations.

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
PRIMARY CARE I – Family Medicine

Course Director: Gloria Mtomboti, M.D. (718 270-3264; 917-760-0850); Family Practice Center (Suite B), Out-Patient Department, University Hospital
Medical Student Coordinator: Cheryl Hoyte (718-270-2257) Jennifer Eastmond (718-221-5249)

Clerkship Description: Students spend 4 consecutive weeks participating in a variety of activities designed to expose them to primary care. This outpatient care experience gives students the opportunity to assume the role of primary "student" physician, under the supervision of a Family Physician. The main goal is to develop basic clinical and procedural skills for common presenting problems in each of six core areas: Adult Health, Child Health, Women's Health, Geriatrics, Behavioral Medicine & Preventive Medicine and Well Care.

This experience challenges students to review, utilize, and improve their clinical skills in medical interviewing, physical diagnosis, laboratory assessment, including skills in the interpretation of tests, reviewing X-rays and reading EKG’s. In addition, students develop new skills and knowledge in areas such as preventive medicine, patient education and counseling, occupational and rehabilitative medicine, nutrition, and emergency care.

For a half day a week students meet with the various faculty and student colleagues to review and discuss a series of common primary care problems. Through lectures, workshops, and assigned readings, students explore a variety of subjects relevant to the practice of Family Medicine. Students are also assigned interactive case-based computer learning.

Students’ success in the clerkship is evaluated in a variety of ways. Preceptors at the clinical sites rate each student with whom they work on the degree to which the students accomplished each goal related to the precepting experience. Logs of clinic cases and procedures kept by each student are also evaluated to determine the degree to which students experienced the breadth of cases representing the goals of the clerkship. At the end of the Clerkship, each student will also be evaluated on an oral presentation of a systems based practice project. Students are also required to take a differential diagnosis exam based on common primary care problems. There is also a standardized patient experience.

Complementing this series of evaluations of performance, each student has multiple opportunities to evaluate the various aspects of the program.

Expectations: It is expected that the student will master the basic principles and practice of primary care medicine and develop their communication, physical examination, preventive medicine and diagnostic skills.

Sites:
Family Health Services (Lefferts)__________________________________________________________
Jamaica Family Medicine _________________________________________________________________
Private Physician Offices _________________________________________________________________
   Brooklyn (5)
South Nassau Community Hospital __________________________________________________________
UHB Downstate - Suite B ________________________________________________________________

Notes: Four days per week in clinical site, one half (1/2) day at Downstate for lecture series, one half (1/2) day for Longitudinal Experience.

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
ANESTHESIOLOGY

Course Director: Dennis Dimaculangan, M.D.
Medical Student Coordinator: Karen King UH RM B3-329; (718) 270-3765

Clerkship Description: The anesthetized patient provides an excellent model for students to learn how to recognize and treat patients whose respiratory, cardiovascular and central nervous system have been electively depressed. Students will be able to apply basic science principles to understand the pathophysiology of the patient with CNS, Cardiovascular and respiratory depression. Students will become knowledgeable of the risks and hazards of anesthesia and the problems unique to the specialty. Students are expected to take an active part in the perioperative care of patients presenting for surgery and anesthesia.

Students are expected to attend Grand Rounds, Morning Conference and Visiting Professor lectures. A student lecture series has been designed to enhance the clinical operating room experience.

Grading is based on clinical evaluations and an oral case presentation. Also included in the final grade are the airway management and time out quiz and the take home exam on physician impairment.

Expectations: In addition to the above, students will be expected to gain experience in airway management with emphasis on mask ventilation.

Hospital Sites:
Kings County Hospital
Lutheran Hospital
Staten Island University Hospital
SUNY Downstate at Bay Ridge
UH-Downstate

*There are other sites that may be added for the 2015-2016 academic year.

A site switch request will be considered only if a one-to-one swap is made with one of your classmates in the same rotation as you. This request must be submitted to the department four weeks prior to the start of the clerkship.
CLERKSHIP INFORMATION

EMERGENCY MEDICINE

Co-Course Directors: Charlene An, M.D and Linda Fan, MD
Medical Student Coordinator: Marcella Coma (718 245-2975)

Clerkship Description: Students will evaluate patients as they initially present with a variety of acute illnesses and injuries. A major goal of the clerkship is that students learn the importance of establishing priorities in the care of acutely ill patients. Particular emphasis is placed on assessing and stabilizing respiratory, circulatory and basic metabolic functions. In addition, students will be exposed to the unique medical needs of an inner city population - including primary and preventive care. During their clinical shifts, students will develop and refine their skills in the following areas:

1) Acquiring a chief complaint driven history, physical examination and forming differential diagnosis.
2) Appropriate use and analysis of laboratory and radiological data,
3) Performing some basic emergency procedures under close supervision.
4) Rapidly establish an alliance with patients and their families as they cope with the emotional trauma of emergencies, critical illness, and death.

At the end of the clerkship students are expected to achieve the following:

1) Understand the role an emergency department (ED) plays in the healthcare system regardless of your chosen medical specialty.
2) Understand the nature of the ED in terms of appropriate patient management and flow; its’ impact on patient expectations and societal needs; it’s collaborative nature with other medical specialties.
3) Develop focused chief-compliant driven history taking and physical exam skills.
4) Develop clinical reasoning skills including appropriate differential diagnosis and management plans.
5) Recognize critical and potentially life-threatening medical conditions and know the initial interventions needed to stabilize the patient.

Grading is based on the following criteria:

7. Mandatory attendance to all assigned clinical shifts. There are sixteen (16) 8-hour shifts (days/evenings/overnights) rotating through various areas of the ED.
8. Mandatory attendance to all scheduled educational activities.
9. Clinical Performance (participation, professionalism and development of clinical competence, self-directed learning);
10. One complete case presentation and write-up;
11. Final written exam (NBME or equivalent);
12. Oral exam -- OSCE format.
13. Completion of course log requirements.

Hospital Sites: King’s County Hospital/Downstate Medical Center – University Hospital

Notes: Clerkship always starts on Monday including holidays. A more detailed course manual will be distributed at orientation. Given the unique scheduling nature of EM, students should avoid taking the rotation at time when more than 4 days off are needed for ANY reason. (i.e. weddings, conferences, holidays, interviews). Schedule requests must be submitted to the department four weeks prior to the start of the clerkship.
CLERKSHIP INFORMATION

PRIMARY CARE II - GERIATRIC AND PALLIATIVE CARE

Course Director: Paul Harris, M.D.
Medical Student Coordinator: Cheryl Hoyte  (718)  270-2257  E-112 Health Science Education Building

Clerkship Description: The curriculum ensures a foundation for competent compassionate care of older patients. It is focused on acquiring proficiencies in the attitudes, knowledge and skills needed for elder care. The goals include:
(a) An appreciation of the heterogeneity of the aging population in terms of values, ambition, capabilities and personalities.
(b) An understanding of the importance of optimizing function for older patients, rather than an exclusively disease focused approach.
(c) An empathy towards issues related to death and dying including the principles of palliative care.
(d) A recognition of the essentially interdisciplinary nature of caring for the biopsychological needs of older patients.

Proficiency in knowledge will encompass an overview of the basic science of normal and abnormal aging as well as the essentials of clinical geriatrics. Knowledge and experience will be gained of the common geriatric syndromes including altered mental status, iatrogenesis, mobility including falls, sensory deficits, failure to thrive, sleep disorders, pressure ulcers, incontinence and non-specific presentation of disease. Risk reduction and preventive care will be emphasized. Also, emphasis will be placed on health promotion and disorder prevention of importance to the elderly as well as the ethical, legal, humanistic and financial aspects of geriatric care including advanced directives, decision-making capacity and end-of-life care.

The skills to be learned focus on geriatric assessment using standardized methods for assessing physical, cognitive, emotional and social functions as appropriate. These include screening for mental status, depression, functional status including mobility assessment, activities of daily living and instrumental activities of daily living.

One day per week will be devoted to palliative care issues with lectures on the EPEC Curriculum and hospice site visits. There is an on-line didactic pain module to be completed by all students.

Expectations: Students will have a hands on experience in the care of the elderly and ill participate as members of the geriatric healthcare team.

Hospital Sites:
Brooklyn VA Harbor
Coney Island Hospital
DSSM - King's County Hospital
Flushing Hospital (Queens)
Geriatric-Psychiatry – Dr. Carl Cohen
King David Center for Nursing and Rehab
Kingsbrook Jewish
Parker Jewish Institute
Private Practitioner (Roberto Robinson)
St. Albans VA Hospital
NSLIJ Staten Island University Hospital
Winthrop Hospital

Notes: No exam. No night or weekend call. Clinical evaluations.