

# CLERKSHIP WORKSHEET

## MEDICINE

Course Director: Michael Augenbraun, M.D.

Medical Student Coordinator: Dorothy Pfeifer (718 270-2390)

Clerkship Description: Students will be introduced to clinical medicine; will develop skills and knowledge needed to evaluate patients; will learn the principles underlying therapy; and, will develop an appreciation of their role as a member of a health care team, a sense of responsibility for the well-being of their patients, and an understanding of the effort and dedication required of a care-giver.

**Expectations:** \_\_\_\_\_  
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### Hospital Sites:

*In-House:* **Five weeks**

Kings County \_\_\_\_\_

University Hospital \_\_\_\_\_

*Affiliate Sites:* **Five weeks at one of the sites listed below:**

Brooklyn VA \_\_\_\_\_

Lenox Hill Hospital \_\_\_\_\_

Long Island College Hospital (LICH) \_\_\_\_\_

Maimonides Medical Center \_\_\_\_\_

North Shore University Hospital \_\_\_\_\_

Staten Island University Hospital \_\_\_\_\_

**Notes:** Six (6) day a week commitment. Late call every 4<sup>th</sup> - 5<sup>th</sup> night (no overnights). At least 7 patient write-ups, shelf exam and clinical evaluations. At the end of the 10-week experience, you will be expected to conduct a competent history and physical examination with faculty.  
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# CLERKSHIP WORKSHEET

## NEUROLOGY

Course Co-Director: Brian Anziska, M.D. (917) 760-0879

Course Co-Director: Lisa Merlin, M.D. (917) 760-0919

Medical Student Coordinator: Ms. Roxanne Deshong (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:

Kings County Hospital \_\_\_\_\_

University Hospital \_\_\_\_\_

Long Island College Hospital (LICH) \_\_\_\_\_

Lutheran Medical Center \_\_\_\_\_

Maimonides Medical Center \_\_\_\_\_

Methodist Hospital \_\_\_\_\_ *not available in July* \_\_\_\_\_

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 4 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. An oral examination, based on the student's patients and on the didactic material.

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# CLERKSHIP WORKSHEET

## PEDIATRICS

Course Director: Margaret Golden, M.D., University Hospital 4th floor, Rm. B4-461 (718) 270-2994  
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 3-4 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. 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.

**Expectations:** \_\_\_\_\_  
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### Hospital Sites:

Brookdale \_\_\_\_\_  
Kings County/Downstate \_\_\_\_\_  
Long Island College Hospital (LICH) \_\_\_\_\_  
Maimonides Medical Center \_\_\_\_\_  
Staten Island University Hospital \_\_\_\_\_

**Notes:** Shelf exam, clinical evaluation and written case reports. Call every 4<sup>th</sup> night (varies by site).

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# CLERKSHIP WORKSHEET

## WOMEN'S HEALTH

Course Director: Nagaraj Gabbur, M.D. (718 270-3117)

Medical Student Coordinator: Susan Hirsch-Fabio (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 exam preparatory materials are available on-line.

**Expectations:** \_\_\_\_\_

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### Hospital Sites:

Brooklyn Hospital \_\_\_\_\_

Kings County/Downstate \_\_\_\_\_

Lenox Hill Hospital \_\_\_\_\_

Lutheran Medical Center \_\_\_\_\_

Maimonides Medical Center \_\_\_\_\_

North Shore \_\_\_\_\_

Staten Island University Hospital \_\_\_\_\_

**Notes:** Shelf exam, oral exam and weekly lectures (at Downstate for everyone in rotation regardless of assigned site). Clinical evaluations. Call is approximately every 4<sup>th</sup> night.

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# CLERKSHIP WORKSHEET

## SURGERY

Course Director: Lisa Dresner, M.D. (718 270-1953, (718 270-1973  
Medical Student Coordinator: Darryl Wilson, Jillian Telford (718 270-1982)

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, Long Island College Hospital or the Brooklyn Veterans Administration Medical Center, and 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 not only the rounds in the service to which he or she is assigned, but also selected rounds in other areas to provide exposure to the entire surgical field. A preceptor in the ward guides each student through the clerkship. The student is responsible for two detailed case reports that include a review of the literature. 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 (National Board shelf exam); General surgery (in-house) site faculty preceptor evaluation; affiliate/subspecialty faculty preceptor evaluation; and the SUNY Downstate chief resident evaluation.

**Expectations:** \_\_\_\_\_  
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**General Surgery: (Four weeks)**

Brooklyn VA \_\_\_\_\_  
Kings County -General \_\_\_\_\_  
Long Island College Hospital (LICH) \_\_\_\_\_  
UH/Downstate - General \_\_\_\_\_  
Lenox Hill Hospital \_\_\_\_\_

**Affiliate/Subspecialty Sites: (Four weeks at one of the sites listed below)**

Maimonides Medical Center \_\_\_\_\_  
Brookdale Hospital \_\_\_\_\_  
Staten Island University Hospital \_\_\_\_\_  
UH/Downstate - **Cardiothoracic** \_\_\_\_\_  
UH/Downstate- **Transplant** \_\_\_\_\_  
UH/Downstate- **Orthopedics** \_\_\_\_\_  
King's County -**Trauma** \_\_\_\_\_  
Lutheran Hospital \_\_\_\_\_

**Notes:** Shelf exam. Clinical evaluations. Late calls once a week and plus two weekends (some overnight)

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# CLERKSHIP WORKSHEET

## PSYCHIATRY

Course Director: Thomas Brouette, M.D. (718) 270-1402

Medical Student Coordinator: Mashanda Ellison (718 270-1402)

Clerkship Description: Students work on inpatient psychiatric units in evaluation, treatment, and management of patients under supervision. Inpatient work is supplemented with selected outpatient clinical experiences and a program of formal didactic instruction.

**Expectations:** Follow 4-6 patients, as well as participate in outpatient care of patients with mental illness.

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### Hospital Sites:

Kings County (Consult/Liaison) \_\_\_\_\_

King's County (Adult In-Patient) \_\_\_\_\_

Kingsboro Psychiatric Center \_\_\_\_\_

Lenox Hill Hospital \_\_\_\_\_

Long Island Jewish Medical Center \_\_\_\_\_

Maimonides Medical Center \_\_\_\_\_

Methodist Hospital \_\_\_\_\_

University Hospital (Downstate) \_\_\_\_\_

**Notes:** Shelf exam and video-tape exam. Clinical Evaluations. Optional Honors paper.

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# CLERKSHIP WORKSHEET

## PRIMARY CARE I - General Primary Care

Course Director: Paul Harris, M.D.

Medical Student Coordinator: Cheryl Hoyte (718 270-2257)

Clerkship Description: Students spend six 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, 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 afternoon (Tuesday) a week back at the SUNY Downstate campus taking ECM III, which is considered to be an integral part of Primary Care I. The final grade for Primary Care I will include performance in the ECM III component. There is a standardized patient experience in the 5<sup>th</sup> week.

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

### Sites:

- Bedford Stuyvesant Family Health Center \_\_\_\_\_
- Brookdale Hospital \_\_\_\_\_
- Brooklyn VA \_\_\_\_\_
- Coney Island Hospital \_\_\_\_\_
- Cumberland Family Health Center \_\_\_\_\_
- Downstate/UHB Pediatrics \_\_\_\_\_
- King's County \_\_\_\_\_
- Long Island College Hospital (LICH) Medicine or Pediatrics \_\_\_\_\_
- Maimonides \_\_\_\_\_
- New York Methodist \_\_\_\_\_
- Richmond University Medical Center \_\_\_\_\_
- St. Albans VA \_\_\_\_\_
- St. Vincent's Hospital in Manhattan \_\_\_\_\_
- Staten Island University Hospital \_\_\_\_\_

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

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### ECMIII

During the **six-week Primary Care 1 or Family Practice Clerkship**, students will attend Essentials of Clinical Medicine (ECM) III. ECM III consists of six large group meetings on Tuesday afternoons. The sessions focus on skills necessary for caring for patients in the primary care setting. Grading is Pass/Fail. A student must pass ECM 3 in order to Pass Primary Care 1 or the Family Practice Clerkship. Attendance at all sessions is mandatory. Assignments include, but are not limited to, preparation for quizzes, short answer questions, and a paper.

# CLERKSHIP WORKSHEET

## PRIMARY CARE I - FAMILY PRACTICE

Course Director: Gloria Mtomboti, M.D. (718 270-3264; 917-760-0850); Family Practice Center (Suite B), Out-Patient Department, University Hospital

Clerkship Description: Students spend 6 consecutive weeks participating in a variety of activities designed to expose them to the challenge of providing primary care to non-hospitalized patients. The clinical activity in the Family Practice Clerkship gives students the opportunity to assume the role of primary "student" physician in an office-based setting. The main goal of this experience 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, and Preventive Medicine and Well Care. In this supervised experience, students work one to one with physicians, physician assistants, and resident physicians in the care of children, families, and adults with a range of acute and chronic problems. Certainly, many of these patients will have serious medical illnesses that merit intensive diagnostic testing, pharmacologic treatment, and referral.

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. Some students are exposed to home care for the older patients, and learn aspects of clinical geriatrics that will be new to them. Some will see ambulatory substance abusing patients, who may be more open to rehabilitative efforts.

One 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. Included are topics such as diabetes, hypertension, cardiovascular disease, contraception, osteoarthritis, back pain, growth and development in pediatric populations, depression, dementia, vaginitis, dermatology, adolescent medicine, occupational medicine, Family Practice as a career, managed care, medical and legal implications of proper documentation, working cross culturally, evidence-based medicine, EKG stepwise approach, time management, patient education, and periodic health screening. Students are also provided the opportunity to work weekly with faculty and student colleagues on an interactive case-based computer learning experience. Each computer-based case is associated with the core content area discussed that week in lectures.

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. Each student will also be evaluated on a five-minute oral presentation at the end of the Clerkship on a topic using an evidence based medicine approach.

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 \_\_\_\_\_  
Long Island College Hospital \_\_\_\_\_  
Lutheran Family Medicine \_\_\_\_\_  
Private Physician Offices \_\_\_\_\_  
    Brooklyn, Long Island, Queens  
South Nassau Community Hospital \_\_\_\_\_  
UHB Downstate - Suite B \_\_\_\_\_

Notes: Four (4) days per week in clinical site, one (1) day at Downstate for lecture series.

Small groups. Clinical evaluations.

# CLERKSHIP WORKSHEET

## ANESTHESIOLOGY

Course Director: Constance H. Hill, 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.

Expectations: In addition to the above, students will be expected to gain  
experience in mask ventilation of patients.

### **Hospital Sites:**

Kings County Hospital \_\_\_\_\_

Long Island College Hospital \_\_\_\_\_

Lutheran Hospital \_\_\_\_\_

Maimonides Medical Center \_\_\_\_\_

Staten Island University Hospital \_\_\_\_\_

University Hospital (Downstate) \_\_\_\_\_

**Notes:** Clinical evaluations and case presentations. No exam.

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# CLERKSHIP WORKSHEET

## EMERGENCY MEDICINE

Course Director: Charlene An, M.D.

Medical Student Coordinator: Ra'Shaun Kelley (718 245-2975)

Clerkship Description: Students will have the opportunity to 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 their work with emergency medicine residents and faculty, students will develop the ability to acquire a chief complaint driven history, physical examination and differential diagnosis. Students will be introduced to the appropriate use and analysis of laboratory and radiological data, and will be able to perform some basic emergency procedures under close supervision. Finally, students will learn to rapidly establish an alliance with patients and their families as they cope with the emotional trauma of emergencies, critical illness, and death. In addition, students will be exposed to the unique medical needs of an inner city population - including primary and preventive care.

**Expectations:** \_\_\_\_\_  
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### Hospital Sites:

King's County Hospital/Downstate Medical Center

Notes: Nine (9)-eight (8) hour shifts (days/evenings/overnights). Morning report, student oriented lectures, final exam, clinical evaluation, interpretation of chest x-rays and EKG's, introduction to basic procedures.

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# CLERKSHIP WORKSHEET

## PRIMARY CARE II - GERIATRIC AND PALLIATIVE CARE

Course Director: Paul Harris, M.D.

Medical Student Coordinator: Cheryl Hoyte

(718) 270-2257 E-145 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 \_\_\_\_\_  
Flushing Hospital (Queens) \_\_\_\_\_  
Long Island College Hospital (LICH) \_\_\_\_\_  
Long Island Jewish Hospital (LIJ) \_\_\_\_\_  
Lutheran Hospital \_\_\_\_\_  
Maimonides Medical Center \_\_\_\_\_  
NY Methodist Hospital \_\_\_\_\_  
North Shore University Hospital \_\_\_\_\_  
Parker Jewish Institute \_\_\_\_\_  
Sephardic Nursing Home \_\_\_\_\_  
Staten Island University Hospital \_\_\_\_\_

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

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