

**4TH YEAR MEDICAL STUDENT ELECTIVES
DEPARTMENT OF MEDICINE
ABINGTON MEMORIAL HOSPITAL
1200 Old York Road
Abington, PA 19001**

Contact: Ann B. Peff, M.D., Director, Internal Medicine Student Program apecff@amh.org
Johnna Stieber, Student Coordinator jstieber@amh.org
215-481-4350
215-481-4361 (fax)

1. Coronary Care Unit
2. Critical Care Medicine
3. Gastroenterology
6. Geriatrics
4. Hematology/Oncology
5. Infectious Disease
7. Nephrology
8. Palliative Care
9. Rheumatology
10. Physical Medicine and Rehabilitation
11. Diagnostic Radiology
12. Medicine Sub-Internship
13. Neurology (DUCOM students only)
14. Neurointerventional and Neurocritical Care

Eligibility:

A student must be in good academic standing and have successfully completed the 3rd year core clinical clerkships at their respective medical school. Abington Memorial Hospital has no observership opportunities for international medical graduates.

Two-week electives are not available.

Registration:

Students from AMH affiliate institutions, TUH and DUCOM, may register for these electives by lottery. Following these two lotteries, PCOM students and other interested students should contact Johnna Stieber for availability and registration.

Questions?

Please do not contact the course directors for availability. However, questions about course content may be sent to the listed course director or Dr. Peff.

On Your First Day:

DO NOT report directly to the course director's office. Please report promptly at 8 a.m., 2B Elkins building, Department of Medicine for mandatory orientation and computer training. Park in the Levy garage on Old York Road.

06/06/12

G:/webelectivesoffered2012-2013

COURSE: CORONARY CARE UNIT

DIRECTOR: Abington Medical Specialists

Marc Cohen, M.D.

mcohen@abingtonmedspec.com

215-517-1000

Suite 222, Levy Medical Plaza

1235 Old York Rd.

Abington, PA 19001

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. R. Watson, P. Aquilina, A. Balaratna, D. Becker, C. Bemis, B. Berger, R. Bloomgarden, R. Borge, A. Branigan, D. Chinn, A. Cohen, M. Cohen, E. Costacos, T. Diaz, R. Emmi, J. Fierstein, A. Fireman, P. Frechie, R. Goldstein, R. Gordon, C. Gottlieb, W. Haaz, A. Haider, C.V. Kishan, B. Klugherz, L. Kollmar, B. Lin, B. Manno, R. Marinchak, S. Mattleman, M. Mutteja, W. Petrucci, D. Rodgers, R. Rodriguez, A. Rudnick, A. Saxena, S. Shapiro, S. Spielman, S. Teich, F. Uricchio, D. Waldstein, J. Wertheimer, D. Yazmajian

STUDENTS/BLOCK: 1

Objectives and goals: Students will participate in the care of patients admitted to the CCU. Students will learn to evaluate and manage acutely ill patients with cardiovascular problems by: (1) Functioning as a subintern under the direct supervision of a senior medical resident (2) Participating in teaching attending rounds and work rounds (3) Attending conferences (4) Judiciously selecting appropriate invasive and non-invasive studies (cardiac catheterization, echocardiography, electrophysiologic studies, nuclear medicine and exercise test studies, swan ganz catheter and arterial line monitoring, pacemaker insertion) and observing and/or participating in the performance of these studies.

Description: The student works as a member of the CCU team and will have primary responsibility for 2-3 patients, supervised by upper year house staff, medicine and cardiology attendings. In-house weekday call is optional but encouraged.

Learning Resources: Medical library, daily conferences, teaching attending rounds.

Methods of Evaluating Students: Direct observation of student's performance with input from an attending physician.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org

COURSE: CRITICAL CARE MEDICINE

DIRECTOR: Abington Pulmonary Associates, Ltd.

Richard W. Snyder, M.D.

rsnyder@lungdocs.org

215-481-4253

Suite 121, Levy Medical Plaza

1235 Old York Rd.

Abington, PA 19001

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. H. Mishel, C. Bosse, G. C. Christensen, J. Crocetti, R. Friedenheim, C. Reed, S. Silverman, R. Snyder, W. Ward, R. Patel

STUDENT/BLOCK: 1

Objectives & Goals: Students will gain expertise in the care and management of all patients in the Maximum Care Units including medical and neurologic problems. Assisted ventilation, hemodynamic and pressure monitoring are discussed.

Description: Daily attendance as part of a multidisciplinary resident team responsible for all patient care with specific patients assigned to the student. All patients are seen daily during work rounds with additional Attending Rounds with one of the members of the Pulmonary Medicine Section. Students function as a subintern. Night call is optional, one-day week.

Learning Resources: A reference library, Attending Rounds, Critical Care syllabus.

Methods of Evaluating Student:

1. Direct observation of student's performance with patients; (2) Participation during rounds and conferences; (3) Topic and case presentation.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: GASTROENTEROLOGY

DIRECTOR: Gastrointestinal Associates, Inc.

Gregg Galiardi, M.D.

drgg@gastropa.com

215-620-1100

Rydal Executive Plaza

1095 Rydal Rd.

Rydal, PA 19046

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. H. Guttman, J. Berman, M. Bosse, M. Chatzinoff, M. Dabezies, C. de la Torre, E. Goosenberg, S. Kaufman, S. Leskowitz, S. Lubinski, A. Saris, E. Shaw, R. Stein, J. Sternlieb, J. Bruno, E. Hubner, P. Cherian, M. Bosse, D. Ringold

STUDENT/BLOCK: 1

Objectives & Goals: Development of skills in clinical gastroenterology including patient assessment, formulation of differential diagnosis and development of diagnostic and treatment plans.

Description: 8:00-5:00 daily attendance with initial work-ups of consults, observations of GI diagnostic procedures and participation in GI Clinic, teaching conference and rounds.

Learning Resources: Staff Gastroenterologists, residents rotating on service, hospital library

Methods of Evaluating Student:

1. Direct observation of student's performance at conferences and rounds;
2. Review of student's patient evaluations and formulations.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: HEMATOLOGY-ONCOLOGY

DIRECTOR: Abington Hematology Oncology Assoc.

Peter V. Pickens, M.D.

ppickens@abingtonhemeonc.com

215-706-2034

Suite 175 Willowood Bldg.

2510 Maryland Rd.

Willow Grove, PA 19090

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Staff: Drs. J. Berman, M. Chernoff, J. Damsker, R. Maxwell, V. Gharpure, F. LePar, P. Pickens, J. Potz, P. Mehta, M. Seidman

STUDENT/BLOCK: 1

Objectives & Goals: To educate students in the evaluation and management of patients with hematologic and oncologic problems.

Description: The elective is composed of an inpatient and outpatient experience. Hospital consultations will be evaluated by the fourth year student, then presented and reviewed with the attending. In the office, this service is an excellent means of improving skills in basic history taking and physical diagnosis because of the nature of the wide variety of diseases that are seen.

Learning Resources: A reference library, teaching rounds, didactic lectures and interdisciplinary tumor conferences.

Methods of Evaluating Student:

1. Observation of daily performance on rounds and in new patient evaluation
2. Evaluation of history and physical taking skills with adequate recording and presentation.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: INFECTIOUS DISEASES

DIRECTOR: Associates in Infectious Diseases

Todd I. Braun, M.D.
tbraun@amh.org
215-481-6350
Suite 220, Levy Medical Plaza
1235 Old York Rd.
Abington, PA 19001

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. R. Nieman, T. Braun, R. Dee, J. Hassey, J. J. Kelly, M. Cassin, J. Rosenzweig

STUDENT/BLOCK: 1

Objective & Goals: (1) Student should be able to approach the patient with a febrile illness in an organized fashion. (2) Be able to design and implement a reasonable diagnostic and therapeutic plan of management. (3) Be able to manage common infectious diseases such as pneumonia, urinary tract infection and skin infections. (4) Be familiar with the management of less common problems such as meningitis.

Description: Perform initial evaluation of new patients. Assess the situation and propose a course of action. Read the provided materials as well as other materials. Attend and participate in conferences.

Learning Resources: Books and articles provided. Medical library on premises.

Methods of Evaluating Student: Clinical skills (history and physical exam). Participation in conferences. Ability to think critically.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: NEPHROLOGY

DIRECTOR: Hypertension-Nephrology Assoc.

Melvin Yudis, M.D.
myudis@hnadocs.com
215-657-2012
735 Fitzwatertown Rd., Ste. 1.
Willow Grove, PA 19090

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. M. Yudis, D. Collins, B. Cronin, L. Freitas, V. Ghantous, J. Gronich, I. Parkansky,
R. Sirota, E. Snipes, H. Stein

STUDENT/BLOCK: 1

Objectives & Goals: (1) To obtain an understanding of the patient with clinical renal and/or electrolyte and acid-base disturbances. (2) To provide broad experience in an active clinical Nephrology service, (3) To learn the important steps in diagnosis and therapy of such patients.

Description: Address all aspects of chronic renal failure including the selection process for dialysis or renal transplantation. The practice maintains an active hemodialysis service for both acute and chronic renal failure patients as well as drug intoxication. Hemoperfusion is carried out as well as peritoneal dialysis. For end stage renal disease there is an active chronic ambulatory peritoneal dialysis program. In all situations, pathophysiologic mechanisms are emphasized as well as therapeutic approach. Principles of continuous arteriovenous and venous hemofiltration are utilized for select patients. Address diagnosis and treatment of primary and secondary hypertension, including renovascular diseases.

Learning Resources: Rounds with Attending Nephrologist: x-ray and renal biopsy reviews: renal conference with residents and Attendings.

Methods of Evaluating Student: Attending will evaluate student's overall competence in the above areas as he/she progresses on the renal service.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: RHEUMATOLOGY

DIRECTOR: Rheumatic Disease Associates, Ltd.

C. Michael Franklin, M.D.
Charles H. Pritchard, M.D.
cfranklin@arthritisp.com
215-657-6776
2400 Maryland Rd.
Willow Grove, PA 19090

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. C. Franklin, D. Chesner, E. Eisner, D. Jerdan, M. Lopatin, C. Pritchard, P. McGarvey, F. Tahir

Student/Block: 1

Objective and Goals: (1) To expose the student to the process of evaluating and treating a patient with a rheumatic disorder. (2) to expose the student to a team care approach.

Description: Participate in a twice-monthly clinic at the hospital and five full-day sessions of seeing outpatients in the private offices. Some inpatient rounding may be required. Time permitting, the student may also be involved in independent clinical research. Self-teaching tests are available.

Learning Resources: Computer and audiovisual resources are available in the hospital and office. Learning resources include the Abington Memorial Hospital medical library, which has an up-to-date collection of textbooks as well as journals. A small department library is also available to the student.

Methods of Evaluating Students: Evaluations by staff rheumatologists based on close contact and final exam. The student will be expected to present cases or other presentations.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: PALLIATIVE CARE

DIRECTOR: Abington Memorial Hospital

Aliya Ali, MD
aali@amh.org
215-481-8713
Suite 504A
Price Office Building
1245 Highland Ave.
Abington, PA 19001

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. Aliya Ali, M. Bertucci, M. Gross, A. Weidemann. CRNPs M. Summer, A. Zampini, L. Margenthaler, C. Parente

STUDENTS/BLOCK: 1

Objectives and goals: (1) Perform an evaluation of a new consult in the hospital. (2) Perform follow-up visits on existing consults. (3) Attend the weekly palliative care interdisciplinary meeting every Wednesday at 8:30 AM. (4) Formulate a plan for pain and symptom management in patients with chronic or terminal disease. (5) Become familiar with procedures for ventilator withdrawal. (6) Understand indications for hospice referral and the settings in which hospice can occur (inpatient, home, NH). (7) Learn the steps toward conducting an effective family meeting and addressing goals of care. Improve the knowledge of pain and symptom management in terminal or chronic disease. (8) Perform a palliative care consult. (9) Participate in a family meeting. (10) Coordinate care between different specialties, social work and case management.

Description: As an inpatient experience, the rotation will address the clinical and diagnostic skills required to address pain and symptom management, goal-setting and terminal care at the end of life.

Learning Resources: Books and articles provided. Medical library on premises, computer resources.

Methods of Evaluating Students: Bedside and family meeting observations by Attending/CRNP, review of consult notes.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: GERIATRICS

DIRECTOR: Geriatric Medicine Division

Mary T. Hofmann, MD
mhofmann@amh.org
215-481-4350
Dept. of Medicine
Abington Memorial Hospital
1200 Old York Rd. 2B - Elkins
Abington, PA 19001

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. M. Hofmann, A. Rosenzweig, N. Dementovych. CRNPs D. Graham, A. Zampini, A. McQueen, two geriatric fellows

STUDENTS/BLOCK: 1

Description of Course: As an in-patient and outpatient experience, the rotation will address those clinical and diagnostics skills required to improve the understanding of aging and the special needs of the geriatric population.

Specific Goals: (1) Improve the knowledge of common geriatric conditions. (2) Perform a history and physical exam with a focus on those clinical skills unique to the geriatric age group. (3) Formulate and implement a reasonable diagnostic and therapeutic plan for the problems encountered.

Objectives and Goals: (1) Perform an evaluation of a new patient in the hospital as well as in the outpatient setting. (nursing home, assisted living facility, home visits). (2) Assess a situation and propose a course of action. (3) Work with an interdisciplinary team for the provision of care. (4) Attend Geriatric conferences. (5) Become familiar with an approach to delirium/dementia in the elderly, osteoporosis, improved nutritional care of the older patient, arthritis management, treatment of chronic pain, pressure ulcer prevention and treatment, prevention of falls.

Learning Resources: Books and articles provided. Medical library on premises, computer resources.

Methods of Evaluating Students:

Evaluator(s): Geriatric Attendings, Nurse Practitioners, fellows

Skills Assessed: Ability to perform a complete geriatric consultation including data gathering skills, history and physical examination skills; Ability to generate a logical differential diagnosis. Ability to generate a management plan. Communication and interpersonal skills with patients and members of care team.

Evaluation Process: Bedside observations and case presentations during daily rounds with the attending, review of initial consultation notes and daily follow-up progress notes.

Feedback to Students: Students will receive feedback at the midpoint of the rotation (verbal) and at the end of the rotation (verbal and written).

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: PHYSICAL MEDICINE & RABILITATION

DIRECTOR: Steven P. Levin, M.D.
slevin@amh.org
215-830-9568
Abington Rehabilitation Medicine, P.C.
705 North Easton Road
Willow Grove, PA 19090

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. C. A. Dillon, S. Levin, J. Marple, R. Rosenstein, T. Savadove

STUDENTS/BLOCK: 1

Description of Course: Introduce the student to Rehabilitation Medicine, a discipline that works to restore the optimal function of people with various physical disabilities. A physiatrist, a specialist in physical medicine and rehabilitation, leads the team of physicians, physical and occupational therapists and speech therapists.

Specific Goals: (1) Be able to assess a patient for comprehensive in-patient rehabilitation program. (2) Understand co-coordinating, multidisciplinary programs targeting patients with short and longer term disability such as orthopedics, post-cardiac, neurological and post-stroke and limb amputation. (3) Understanding office based musculoskeletal care and an outpatient assessment, differential diagnosis, diagnostic work-up and programs offered for treatment of patients with musculoskeletal disease. (4) Become familiar with the available rehabilitation services, including acupuncture and integrative medicine techniques.

Objectives and Goals: (1) Evaluation of new patients (2) Ongoing assessment of patients involved in a progressive rehabilitation program (3) Familiarization with didactic reading material (4) Conference attendance.

Learning Resources: Books and articles provided. Medical library on premises, computer resources.

Methods of Evaluating Students:

Evaluator(s): Physical Medicine and Rehabilitation attendings

Skills Assessed: Ability to perform a complete Physical Medicine consultation. This includes data gathering skills, history and physical examination skills. Ability to generate a logical differential diagnosis. Ability to generate a list of disability or functional difficulty with a management plan. Communication and interpersonal skills with patients and members of care team.

Evaluation Process: Bedside observations and case presentations during daily rounds with the attending, review of initial consultation notes and daily follow-up progress notes.

Feedback from Students: Mandatory exit evaluation meeting with Dr. Peff. Completion of rotation critique, resident/attending evaluations and lecture evaluations .

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: DIAGNOSTIC RADIOLOGY

DIRECTOR: Donald J. Zajick, MD

dzajick@amh.org

215-481-2064

Radiology Group of Abington, P.C.

1200 Old York Road

Abington, PA 19001

Availability: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Drs. R. Agarwal, J. Breckenridge, K. Crisco, F. Dameracki, N. Dajani, J. Frabbizzio, A. Griffith, L. Griska, S. Goldman, J. Jacobstein, H. Kim, R. Koenigsberg, S. Kofsky, R. Kyriakos, N. Lee, P. Lim, M. Manasawala, A. Nemeth, P. O'Moore, J. Pan, J. Pardes, J. Seelaus, J. Stinchon, M. Taupin, S. Tey, M. Vava, P. Villas, A. Weiss, R. Weiss, S. Weiss, A. Woronoff, D. Zajick

STUDENTS/BLOCK: 1

Objectives and Goals: The student will be familiarized with the proper technique for reading the many diagnostic imaging modalities available for the radiologic testing of patients.

Description: Introduction to imaging modalities: X-ray, US, CT and MRI

Learning Resources: Medical Library, Radiology Library

Methods of Evaluating Students: Student will receive verbal and written feedback at the end of the rotation

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.

COURSE: Neurointerventional and Neurocritical Care

DIRECTOR: Qaisar A. Shah, MD

Qaisar Shahj, M.D.

qshah@amh.org

215-481-4350

AMH 5 Toll Building, Neurovascular Division

1200 Old York Rd.

Abington, PA 19001

AVAILABILITY: Via lottery with affiliate institutions or contact Johnna Stieber, Student Coordinator in the Department of Medicine at 215-481-4350; jstieber@amh.org.

Supporting Faculty: Qaisar Shahj, M.D., Osman S. Kozak, MD, Hana Choe, MD, Larami Mackenzie, MD

STUDENTS/BLOCK: 1

Objectives and goals:

1. Understand the management of acute ischemic and hemorrhagic stroke in Neuro ICU
2. Observe the placement of different invasive monitoring devices including arterial line, external ventriculostomy device, central line (Internal jugular, subclavian, and femoral), entec tube
3. Understand the specific landmark for arterial puncture and cerebral angiogram
4. Learn the cerebrovascular anatomy

Description: Rotation in neurovascular service will provide the student an exposure to wide range of acute neurological emergencies, including acute ischemic strokes, cerebral intraparenchymal hemorrhage, subarachnoid hemorrhage, cerebral aneurysm, arteriovenous malformation, arteriovenous fistula, recurrent and refractory epistaxis, and pre-surgical tumor embolization. The rotation will not only help them to understand the disease, pathogenesis, etiology and the ICU management but also help them understand the catheter based treatment of these disease. The rotation will also allow them to actively participate in ongoing multiple acute and subacute clinical trials. Students can participate in publications both in our institutional scientific journal and also national journals.

Learning Resources: Neurovascular Lab, Neurocritical Care Unit. Stroke Unit, didactic lectures, Medical Library, Hospital Rounds

Methods of Evaluating Students: : faculty will evaluate the student on a weekly basis and provide feedback to them for the bedside observations, case presentations, history and physicals and progress notes. Evaluation will also be provided of their weekly power point presentations on different topics related to neurovascular conditions.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org

COURSE: MEDICINE SUBINTERNSHIP (ABINGTON)

DIRECTOR: Ann Peff, MD
apeff@amh.org
215-481-4350
Abington Memorial Hospital
1200 York Road-2B Elkins
Abington. PA 19001

BLOCKS AVAILABLE: All

STUDENTS/BLOCK: 3 Maximum

Goals: Students will: (1) Increase patient care responsibilities and clinical experience. (2) Improve diagnostic and clinical reasoning skills. (3) Improve knowledge of management and treatment of hospitalized patients.

Objectives:

- Students will be part of an inpatient medicine team consisting of an upper year resident, 1-2 interns and a 3rd year clerk or physician assistant. All teams function in a hospitalist model with an attending physician
- Students will be assigned up to 5 patients
- There is no overnight or long call
- Students are responsible for Saturday rounds with their team.

- Students will act as the primary physician for their patients:
 - When patients are admitted, students will independently evaluate and develop an assessment and plan of care for their patients
 - Students will write the "H+P" for the chart
 - Students will follow the patient throughout their hospital course
 - Students will evaluate their patients daily with the resident on work rounds and independently develop a plan of care for the day
 - Students will write daily SOAP notes, enter preliminary orders, call consults, follow up and interpret diagnostic studies and contact outpatient physicians
 - Students will be actively involved in discharge planning
 - Students will receive feedback on their performance by the residents and attendings throughout the rotation, and at least at mid-rotation and the end of the rotation

Expected knowledge and Skills:

- Students will apply their knowledge of pathophysiology to the care of their patients
- Students will apply their clinical skills to the care of their patients
- Students will develop a broad differential diagnosis for their patients' medical problems and will then use clinical reasoning and diagnostic skills to figure out the most likely diagnosis
- Students will develop treatment plans for their patients

Expected Competencies by the end of the rotation:

Knowledge:

- Knowledge of etiology and pathophysiology of diseases commonly seen in internal medicine
- Knowledge of the clinical presentation of important diseases seen in internal medicine
- Knowledge of diagnostic work-up and treatment options of important diseases and conditions
- Knowledge of the impact of psychosocial issues on illness

Patient Care:

- Obtain an accurate and comprehensive medical history, and conduct a thorough and accurate physical exam
- Interpret the most frequent clinical, laboratory, radiologic and pathologic manifestations for common diseases seen in internal medicine
- Give accurate and succinct or comprehensive case presentations, as appropriate, in a clear, concise and organized manner
- Reason deductively in solving clinical problems

Interpersonal and Communication Skills:

- Demonstrate an ability to communicate effectively with patients, patients' families, professional associates and others
- Demonstrate interpersonal skills that build rapport and empathetic communication with patients and their families across socioeconomic, ethnic and cultural boundaries
- Demonstrate effective listening skills
- Work effectively and collaboratively with other members of a multidisciplinary health care team
- Address sensitive health care issues (including domestic violence, sexual behavior and substance abuse) in an effective, compassionate and non-judgmental manner

Professionalism:

- Demonstrate personal motivation, dependability, integrity, honesty and reliability
- Recognize both their abilities and limitations
- Interact productively and respectfully with peers, supervisors, patients and their families, as well as colleagues in other disciplines
- Put patients' interest ahead of their own during all clinical encounters
- Treat all patients, patients' families and other members of the health care team with compassion and sensitivity, aware of the diversities of age, culture, race, ethnic and spiritual differences, disabilities and economic status
- Advocate for the health and health care of individual patients and the general community including the underserved

Practice-Based Learning and Improvement:

- Identify, appraise and assimilate evidence from scientific studies that relate to the care of their patients
- Facilitate the learning of other, including peers, other health care professionals, students, patients and their families
- Continuously pursue scholarly endeavors that allow them to apply contemporary knowledge and skills to patient care

System-Based Practice:

- Demonstrate an awareness of, and respect for, the roles of other health care professionals and the need to collaborate in the care of both individuals and communities
- Identify and use resources and ancillary health care services for patients in situations in which social and economic barriers to access exist

• **INTERNAL MEDICINE TOPICS**

The following topics are common medical problems of internal medicine. At the end of the rotation, the sub-I student should be able to discuss the following points for each of the medical problems listed below:

- Differential diagnosis
- Signs and symptoms of each diagnosis
- Identify the most likely etiology
- Recognize the signs of severe illness
- Recognize when to transfer patient to ICU
- Recognize when to call for additional help
- Develop a management plan: diagnostic studies, treatment

Medical Problems

Abdominal Bleed

GI Bleed

Pulmonary Edema

Acute Renal Failure

Change in Mental Status

Arrhythmias

Chest Pain Seizure

Drug Withdrawal Shock

Electrolyte Disorder

Fever

Glycemic Control

HTN Urgency/Emergency

Nausea/Vomiting

Pain Management

Respiratory Diseases

Learning Resources: Medical library, daily conferences, teaching attending rounds

Methods of Evaluating Students: Each student will receive a summative evaluation at the end of the rotation with a narrative component and a final grade. The residents and attending with whom you've worked will determine the grade. You should receive frequent and specific feedback throughout the rotation and specifically, at the mid-point of the rotation.

MANDATORY ORIENTATION ON FIRST DAY - REPORT TO: Johnna Stieber, Student Coordinator, Department of Medicine, 2B, Elkins Building, at 8:00 A.M., (215) 481-4350, FAX (215) 481-4361 or jstieber@amh.org.