# Inpatient Acting Internship In Family Medicine

**Course Director**
Susan Schmidt, MD

**Address**
ECU Family Medicine Center
600 Moye Boulevard
Greenville, NC 27858

**Telephone**
744-1953

**Fax**
744-4614

**Duration**
2 weeks

**Max Enrollment**
4

**Meeting Time**
As directed by Senior Resident (contact prior to start date)

**Blocks Offered**
All Blocks except Block 6A

**Goals**
To prepare the student for internship by having the student assume the role of an “Acting Intern (AI)” on the Family Medicine Inpatient Service.

**Objectives**
By participating in the ‘AI’ experience, students will be able to:
- Recognize the clinical presentation, perform a diagnostic work-up, institute therapy and arrange subsequent follow up for common adult and pediatric medical problems requiring hospitalization.
- Assess patients in the Emergency Department setting and determine the need for either hospitalization or outpatient treatment.
- Practice effective time management skills in the care of hospitalized patients.
- Complete admission history and physical exams, daily notes and discharge summaries on assigned patients.
- Demonstrate ability to interpret basic laboratory, x-ray and other diagnostic studies and assess their relative importance and priority for the patient.
- Demonstrate an ability to work and communicate effectively with other members of the health care team including physicians, nurses, discharge planners and social workers.
- Demonstrate an ability to communicate effectively with patients and their families, and identify the physical, psychological and social effects that illness and hospitalization have on patients and their families.
- Provide the patient and their follow up provider with a continuing plan of care upon discharge from the hospital.

**Activities/Student Experience**
The student will function as an intern equivalent on the Family Medicine Inpatient Service caring for 2-4 patients daily. The student may take overnight call (subject to the ACGME duty hour rules) or be present for the entire post-call work day (preference must be specified to the senior resident in advance). Usual daily activities include resident & student work rounds (patient assessment/notes/orders) teaching rounds with attending physicians, morning report, noon conferences and continuation of patient care activities throughout the afternoon. AI’s may also participate in deliveries, newborn care, and ambulatory care if desired.

**Evaluation**
- Clinical Evaluation (Knowledge/Patient Assessment Skills/Procedural Skills/Communication Skills/Documentation)
- Professional/Attitude Evaluation (Initiative, Participation, Responsibility, Integrity)
- Evaluations are performed by the senior resident and attending physician

**Date Updated**
January 2009
Course Director: Susan Schmidt, MD
Address: Department of Family Medicine
600 Moye Blvd, Greenville, NC 27834
Telephone: 744-1953 Fax 744-4614
Duration: 2 weeks
Max Enrollment: 2
Meeting Time: Family Practice Center
Dates Offered: All Blocks except Block 6A

Goals: To expose students to medical problems commonly seen in ambulatory family practice and to offer increased responsibility and involvement consistent with the M-4 level of clinical abilities.

Objectives:
- Recognize and manage illnesses commonly encountered by family physicians in office and hospital settings
- Interpret basic laboratory, imaging and other diagnostic studies and assess their importance and priority for the patient.
- Communicate and work effectively with members of the health care team including physicians, nurses, therapists, discharge planners and social workers.
- Communicate effectively with patients and their families, and identify the physical, psychological and social effects that illness and hospitalization have on patients and their families.
- Identify and demonstrate special skills in the care of children, the elderly, and disabled as seen in family medicine
- Demonstrate effective record keeping
- Understand the basics of medical cost and reimbursement issues
- Understand the role of the family physician as an integral part of community affairs

Activities/Student Experiences: Ambulatory patient care in a family physician’s office: office setting 8 hours daily, inpatient rounds and other assignments at the discretion of preceptor. Student participation to acquire expertise in procedures (e.g. office surgery, bladder catheterization, venipuncture, interpretation of ECG, office lab, and imaging studies).

Evaluation: End of rotation, written report by preceptor based on observation of student’s clinical work and other assignments as deemed appropriate by the student and preceptor.

Date Updated: January 2009
FM404.8  Acting Internship in Geriatrics

Course Director           Tae Joon Lee, MD
Coordinator               Sherri James
Address                   Family Medicine
                          BSOM Bldg C
                          Greenville, NC 27834
Telephone                 744-2597  Fax: 744-3194
Max Enrollment            2
Duration                  4 weeks ONLY
Meeting Time              Golden Living Center – Greenville, NC
Blocks Offered           All Blocks

Goals
To help the student obtain the needed knowledge, skills, and attitudes that will result in successful care of older patients.

Objectives
To be able to describe the continuum of care necessary for the care of older populations
To be able to evaluate patients using a variety of assessment instruments and properly place them along the continuum of care.
To understand the physiologic changes of aging
To understand the diagnosis and treatment of common geriatric syndromes that occurs in older populations.
To develop the student’s practical skills in managing elderly and chronically ill patients in both the ambulatory and the institutional setting
To gain experience in resolving ethical issues in the care of patients approaching the end of their life

Activities/Student Experience
- Day-to-day management of patients, in an ambulatory & nursing home setting
- Initial evaluation of new patients admitted to nursing home
- Participate in home care program and make home visits
- Participate in teaching rounds four times a week
- Participation in multi-discipline patient care conferences
- Participate in the outpatient care of elderly patients in the Geriatric Center
- Rehabilitation evaluation & therapy by PT/OT/SLP
- Participate in wound care rounds

Evaluation
- Clinical Evaluation (Knowledge/Skills/Case Write-ups)
- Participation
- On-line learning modules and pretest

Date Updated           12/01/08-tjl
FM409.4 Nutrition & Patient Education - Ambulatory Care Settings

Course Director  Kathryn Kolasa, Ph.D., R.D.
Address  Family Medicine/Brody 4N-70
Telephone  744-1358  Fax  744-3040
Duration  2 weeks
Max Enrollment  1
Meeting Time  Family Practice Center, Patient Education Office at 8:00am or as assigned. Report to Ms. Kay Craven, RD, LDN, CDE (744-5463)

Blocks Offered  2B, 3A, 3B, 4A, 4B, 5A, 7A, 7B, 8A, and 9

Goals  Provide students an opportunity to refine nutrition and patient education skills in ambulatory setting. Students may choose to do 1-week Nutrition Support rounds at PCMH to learn skills in writing TPN orders.

Objectives
- To practice nutrition assessment, history taking and patient centered counseling skills, especially in diabetes, weight (adults and peds), cardiovascular
- To refine pt. education skills in diabetes and health maintenance
- To refine group presentation skills in nutrition, diabetes and health maintenance.
- Optional: to write TPN adult orders

Activities/Student Experience
- Obesity (adult and pediatrics)
- Obesity and Type 2 diabetes, metabolic syndrome
- Obesity, Type 2 diabetes, hypertension, hyperlipidemia and other nutritional problems
- Morbid obesity; gastric bypass, and lap band evaluations
- Prenatal nutrition
- Optional but encouraged hospital malnutrition
- Required reading of selected practice guidelines
- Required self study (2 hrs) of web based topic of interest
- As defined by the student and coordinator

Assessment of patients, counseling by nutritionists and diabetes educator, observation of nurses and physicians in counseling situations. Depending upon interest the students may participate: direct patients assessment and counseling rounds on the Family Medicine Inpatient Services; rounds with PCMH Nutrition Support Team (must be arranged in advance); group classes; review of patient education materials or development of regionally specific patient education materials.

Evaluation
- Student selected short written assignment (e.g. patient education handout, article for Daily Reflector, literature review)
- Clinical evaluation (knowledge/skills/case write-ups/chart notes)
- Participation
- Optional: TPN orders

Date Updated  January 2009
The site must have preapproval from the requested site and the BSOM Family Medicine Department. You will need to complete the Community Site Approval form 2 months prior to the start date of this elective.

Duration 2 weeks or 4 weeks
Max Enrollment open
Meeting Time Prearranged

Dates Offered To Be Determined

Goals To expose students to medical problems commonly seen in ambulatory family practice and to offer increased responsibility and involvement consistent with the M-4 level of clinical abilities.

Objectives
- Recognize and manage illnesses commonly encountered by family physicians in office and hospital settings
- Interpret basic laboratory, imaging and other diagnostic studies and assess their importance and priority for the patient.
- Communicate and work effectively with members of the health care team including physicians, nurses, therapists, discharge planners and social workers.
- Communicate effectively with patients and their families, and identify the physical, psychological and social effects that illness and hospitalization have on patients and their families.
- Identify and demonstrate special skills in the care of children, the elderly, and disabled as seen in family medicine
- Demonstrate effective record keeping
- Understand the basics of medical cost and reimbursement issues
- Understand the role of the family physician as an integral part of community affairs

Activities/Student Experiences Ambulatory patient care in a family physician's office: office setting 8 hours daily, inpatient rounds and other assignments at the discretion of preceptor. Student participation to acquire expertise in procedures (e.g. office surgery, bladder catheterization, venipuncture, interpretation of ECG, office lab, and imaging studies).

Evaluation End of rotation, written report by preceptor based on observation of student’s clinical work and other assignments as deemed appropriate by the student and preceptor.

Date Updated January 2009
The Community Oriented Primary Care selective offers activities at the Greenville Community Shelter Clinic and the Grimesland Clinic. This curriculum track requires that students complete all clinical, administrative, and reading assignments from the Greenville Community Shelter Clinic and Grimesland Clinic components of the curriculum. Students are also required to complete a project from one of the curriculum components (student’s choice) under the direction of the Course Director.

Total number of Clinical hours: 35-40 hours
Expected research/literature review hours: 25 hours
Project (includes research): minimum of 40 hours

The curriculum components of the selective are given below.

**Curriculum Component:** Community Oriented Primary Care/Greenville Community Shelter Clinic

**Overall goal for the Course:**
To provide students with experience in community medicine, particularly focusing on the unique medical and social problems encountered in the homeless population of Eastern North Carolina.

**Objectives:**
At the completion of this elective, the student will be able to
1. Demonstrate an understanding of the epidemiology of homelessness
2. Recognize and manage illness commonly encountered in the homeless population
3. Demonstrate counseling and patient education skills to reduce high risk behaviors identified in the clinic's population
4. Perform a project, of the student's design, that addresses a distinct need of the clinic population. (Requires Course Director's approval)
5. Explain the funding sources and organizational structure of the Greenville Community Shelter and Clinic

**Brief Description of Activities:**
The student will see patients at the Greenville Community Shelter Clinic during scheduled clinic nights for the month: each Monday evening and the first and third Thursday evenings. The student will perform focused H&P’s, phlebotomy, specimen acquisition, PPD placement, minor surgical procedures, and patient counseling as necessary under the supervision of the faculty preceptor. The student will also review current literature on community oriented primary care, the epidemiology of homelessness, medical problems encountered in the homeless population, and techniques in risk-reduction counseling. Students will meet with administrative officers of the Greenville Community Shelter and Clinic to learn the governance and finances that support the Shelter and the Clinic. Under the advisement of the course director, the student will identify a specific need of the clinic population and perform a project focused on addressing that need. Lastly, the student and course director will meet weekly to discuss the course experience and an article of the student’s choosing that deals with a relevant topic.

**Student Evaluation:** Participation, quality of project, feedback provided by faculty preceptors, and evaluation by Course Director.
Bibliography of Required Reading (will be updated as necessary)


***Additional readings will be selected by students during the rotation.

Curriculum Component:  Community Oriented Primary Care/Grimesland Clinic

Overall Goal for the Grimesland Curriculum:
To offer an opportunity for fourth year medical students to learn patient oriented medicine in an environment of volunteerism, where the student is exposed to a variety of medical problems and the socio-economic factors influencing them. This program will place special emphasis on the health problems affecting Hispanic farm
workers, and promote a better understanding of the community's needs.

Objectives:
At the completion of this elective, the student will be able to:
1. Discuss health care delivery provided in a community-based environment
2. Review common medical conditions encountered in Hispanic farm workers
3. Explain benefits from mentoring by senior physicians at the Grimesland Clinic
4. Perform a project, of the student's design, that addresses a distinct need of the clinic population. (if not done for the Greenville Community Shelter Clinic component; requires Course Director's approval)
5. Explain the funding sources and organizational structure of the Grimesland Clinic

Activities:
Each student is expected to spend four hours/week at the clinic; the clinic is open every Sunday afternoon. Home visits for patients may be needed in some cases. Medical students will evaluate patients with a variety of medical problems. Supervision will be provided by mentors/senior physicians who will assume responsibility for the overall quality of care. Since a large number of patients speak only Spanish, translators will be provided. The students will have an opportunity to deal with a culturally different population. Students will meet with an administrative officer of the Grimesland Clinic during one afternoon to learn the governance and finances that support the Clinic. During the rotation students may select a research project that reflects the needs of this unique population.

Student Evaluation: Participation, quality of project, feedback provided by preceptors, and evaluation by the Course Director

Bibliography of Recommended Reading (will be updated as necessary)


***Additional readings will be selected by students during the rotation.

Date Updated February 28, 2009
**FM421.1 Sports Medicine**

**Course Director**  
Joseph Garry, MD

**Coordinator**  
Angela Riggs

**Address**  
Brody 4N70

**Telephone**  
744-2608  
Fax 744-3040

**Duration**  
4 weeks ONLY

**Max Enrollment**  
1

**Meeting Time**  
Student are to contact coordinator one month prior to the start of the rotation

**Blocks Offered**  
Blocks 3, 5, 7 and 8 ONLY

**Special Note**  
Interview with faculty are required prior to selection of this elective. The interviews will be conducted in March and April of the preceding year. Make an appointment by call 744-2608

**Goals**

- Understand the pathophysiology and biomechanics as related to musculoskeletal injury
- Understand the physical differences between pediatric, adolescent, and adult patients as these relate to injury and management
- Diagnose and outline initial management for common musculoskeletal problems.

**Objectives**

Upon completion of this rotation, the participants will be able to...

1. Summarize the anatomy, physiology, and biomechanics of exercise.
2. Recognize the physical conditioning requirements for various activities.
3. Differentiate the differences in requirements and performance related to age, gender, and disability.
4. Discuss the pathology and pathophysiology of illness and acute injury in sports and exercise.
5. Identify strategies for the prevention, evaluation, management, and rehabilitation of injury.
6. Discuss growth and development as it relates to exercise and injury.
7. Demonstrate appropriate history-taking and physical exam skills on patients with injuries or patients embarking on an exercise program.
8. Recognize the rehabilitation of injuries.

**Activities/Student Experience**

- Outpatient sports medicine clinics
- Training room
- Event coverage
- Physical therapy
- Completed presentation on a related topic

**Evaluation**

The student will be evaluated by the faculty according to participation in the scheduled clinical activities, achievement of the objectives outlined above, and the satisfactory completion of a paper or presentation to the faculty on a self-selected sports medicine topic. Items to be included, but not limited to, in the paper/presentation:
1. Epidemiology
2. History
3. Physical Exam Findings
4. Natural History of the Problem/Disease/Injury
5. Management

This paper must be turned in on the last day of the rotation to Dr. Garry for final evaluation

Date Updated January 2009
Course Director: Janice Daugherty, MD
Address: Brody 4N078
Telephone: 744-2601
Fax: 
Duration: 4 weeks
Max Enrollment: 1
Meeting Time: Students interested in this experience should discuss it with Dr. Daugherty in advance of the selective process. Following Dr. Daugherty’s approval, at the beginning of the selective the student will report to: NC Academy of Family Physicians, Raleigh, NC 9:00 AM

Blocks Offered: One block (TBA)

Goals: To increase an interested student’s understanding of leadership issues and processes essential for professional specialty societies, in this case Family Medicine.

Objectives: Upon completion of this selective, the student will be able to
- Explain organized medicine and its role in medical education including programs designed specifically for medical students and residents
- Describe interactions between the family medicine specialty society and its national organization (AAFP), state medical society (NCMS) and other specialty groups
- Review the need that practicing physicians have for a specialty society which provides them with timely information re: current events in medicine and education to help them care for patients
- Describe current legislative events which directly affect practicing physicians and those in educational settings
- Explain the mission of the NCAFP and American Academy of Family Physicians: “to preserve and promote the science and art of family medicine and to ensure high-quality, cost-effective health care for patients of all ages.”

Activities/Student Experience: The student will spend the selective at the NCAFP headquarters in Raleigh, and at other venues as appropriate, learning and participating in the support and advocacy activities of the specialty. The student will also complete a special project in one of the following areas upon approval from the preceptor/sponsor:
- Clinical Care and Research
- Practice Management
- Policy and Advocacy
- Education
- Publications

Evaluation: The Director, Dr. Daugherty, will evaluate the student based upon the quality of the project and evaluations by NCAFP staff.

Date Updated: January 2009