

## **MED 418 Secondary Acting Internship**

**Available Sites:** New Orleans (UMCNO, OMCK, Touro); Baton Rouge (OLOL); Lafayette (UHC)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

The Department of Medicine offers this Senior Acting Internship at the University Medical Center – New Orleans (UMCNO), Ochsner Medical Center-Kenner, and Touro Infirmary to allow the senior student to function as an integral member of a clinical team responsible for inpatient and outpatient care of ill patients in a setting which will closely simulate their expected experience as house officers. This experience will be under the supervision of house officers and faculty at each affiliated hospital. The participating hospital will establish criteria for student supervision recognizing that there may be minor variations in the level of clinical responsibility permitted to the student. In general, students will be regarded as interns with the limitation that their patient care activities are under the continuous supervision of responsible and qualified physicians.

In this setting, students are expected to perfect their skills in diagnosis, the handling of patients with specific emphasis on formulation of plans for management, refine techniques for the writing of appropriate orders for all phases of inpatient and outpatient care, prescription writing, and the performance of diagnostic invasive procedures such as lumbar puncture, thoracentesis, paracentesis, bone marrow aspiration, etc. In each instance, the determination of need for these procedures must have prior approval by appropriate responsible physicians. Immediate supervision by a physician is imperative whenever such a procedure is undertaken.

During this time, students will broaden their fund of knowledge in general Internal Medicine with the opportunity to fill in those areas where they may feel a need for additional learning. This educational process will be assisted by appropriate conferences conducted by faculty of the department, guided reading, and the utilization of appropriate teaching aids available in each of the hospital programs.

At the conclusion of this block, the Department of Medicine will have provided all students with the basic fund of knowledge required for a foundation in clinical medicine. Students will be expected to build upon this foundation by continued self-education during the remainder of their medical school curriculum, during subsequent years of training as a house officer, and during their professional life as practicing physicians.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 418 Secondary Acting Internship – Emergency Medicine**

**Available Sites:** New Orleans (UMCNO); Baton Rouge (LOLO)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

Objectives for the EM Acting Internship include: to obtain insight into the principles and practice of emergency medicine and trauma care in the ED; perform a targeted history & physical of the undifferentiated patient, and generate a differential diagnosis addressing possible urgent and emergent conditions; understand the usual course of care/disposition for patients presenting with common medical conditions; obtain skills in common emergency procedures; observe and learn coordinated, efficient, and expert management of seriously ill medical and trauma patients; explore the variety of subspecialties and career options in Emergency Medicine

Emergency Medicine (EM) is a broad, complex discipline with a wealth of patient encounters unmatched by most other specialties. At the core of EM is evaluation of the undifferentiated patient – that is, figuring out who is truly “sick” or “not sick.” This seemingly simple ability is one of the most elusive yet important skills for any physician. Through this rotation, we aim to teach you basic skills in acute medical care, including simple and common procedures, and provide you with an evidence-based foundation for approaching emergency patient care. Furthermore, by one-on-one interactions with faculty and residents, we hope to illustrate to you that every patient encounter can result in both formal and informal teaching and education. Evidence-based learning should occur as often as possible during the course of your shift.

Each student is required to work between 10-12 shifts during their rotation. Shifts should be equally divided between nights and days and are scheduled by the students themselves on the first day. Weekend shifts are also required. Student lectures are mandatory and held weekly. Students will also participate in specialty shifts in Ultrasound, EMS, and Hyperbarics, and a monthly simulation lab.

### **Evaluation:**

Students will be evaluated daily by faculty and/or residents during each ED shift. At the end of each shift, simply hand your shift card for that day to the appropriate staff or upper-level resident. Shift cards will be collected and daily evaluations will be combined with successful attendance at/completion of all course requirements, as well as final exam grade.

## **MED 419 Primary Acting Internship**

**Available Sites:** New Orleans (UMCNO, OMCK, Touro); Baton Rouge (LOLO); Lafayette (UHC)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

The Department of Medicine offers this Senior Acting Internship at the University Medical Center – New Orleans (UMCNO), Ochsner Medical Center-Kenner, and Touro Infirmary to allow the senior student to function as an integral member of a clinical team responsible for inpatient and outpatient care of ill patients in a setting which will closely simulate their expected experience as house officers. This experience will be under the supervision of house officers and faculty at each affiliated hospital. The participating hospital will establish criteria for student supervision recognizing that there may be minor variations in the level of clinical responsibility permitted to the student. In general, students will be regarded as interns with the limitation that their patient care activities are under the continuous supervision of responsible and qualified physicians.

In this setting, students are expected to perfect their skills in diagnosis, the handling of patients with specific emphasis on formulation of plans for management, refine techniques for the writing of appropriate orders for all phases of inpatient and outpatient care, prescription writing, and the performance of diagnostic invasive procedures such as lumbar puncture, thoracentesis, paracentesis, bone marrow aspiration, etc. In each instance, the determination of need for these procedures must have prior approval by appropriate responsible physicians. Immediate supervision by a physician is imperative whenever such a procedure is undertaken.

During this time, students will broaden their fund of knowledge in general Internal Medicine with the opportunity to fill in those areas where they may feel a need for additional learning. This educational process will be assisted by appropriate conferences conducted by faculty of the department, guided reading, and the utilization of appropriate teaching aids available in each of the hospital programs.

At the conclusion of this block, the Department of Medicine will have provided all students with the basic fund of knowledge required for a foundation in clinical medicine. Students will be expected to build upon this foundation by continued self-education during the remainder of their medical school curriculum, during subsequent years of training as a house officer, and during their professional life as practicing physicians.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 419 Primary Acting Internship – Emergency Medicine**

**Available Sites:** New Orleans (UMCNO); Baton Rouge (OLOL) **Duration:**

4 weeks

### **Objective/Means of Implementation:**

Objectives for the EM Acting Internship include: to obtain insight into the principles and practice of emergency medicine and trauma care in the ED; perform a targeted history & physical of the undifferentiated patient, and generate a differential diagnosis addressing possible urgent and emergent conditions; understand the usual course of care/disposition for patients presenting with common medical conditions; obtain skills in common emergency procedures; observe and learn coordinated, efficient, and expert management of seriously ill medical and trauma patients; explore the variety of subspecialties and career options in Emergency Medicine

Emergency Medicine (EM) is a broad, complex discipline with a wealth of patient encounters unmatched by most other specialties. At the core of EM is evaluation of the undifferentiated patient – that is, figuring out who is truly “sick” or “not sick.” This seemingly simple ability is one of the most elusive yet important skills for any physician. Through this rotation, we aim to teach you basic skills in acute medical care, including simple and common procedures, and provide you with an evidence-based foundation for approaching emergency patient care. Furthermore, by one-on-one interactions with faculty and residents, we hope to illustrate to you that every patient encounter can result in both formal and informal teaching and education. Evidence-based learning should occur as often as possible during the course of your shift.

Each student is required to work between 10-12 shifts during their rotation. Shifts should be equally divided between nights and days and are scheduled by the students themselves on the first day. Weekend shifts are also required. Student lectures are mandatory and held weekly. Students will also participate in specialty shifts in Ultrasound, EMS, and Hyperbarics, and a monthly simulation lab.

### **Evaluation:**

Students will be evaluated daily by faculty and/or residents during each ED shift. At the end of each shift, simply hand your shift card for that day to the appropriate staff or upper-level resident. Shift cards will be collected and daily evaluations will be combined with successful attendance at/completion of all course requirements, as well as final exam grade.

## **MED 420 Allergy/Immunology**

**Available Sites:** New Orleans (UMCNO)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

To introduce the clinical aspects of allergic diseases, transplantation, immunology, and immunodeficiencies, and immunological research. Students work in the allergy/immunology clinic, participate in wards rounds, attend the Allergy Immunology Journal Club and LSU/Tulane combined Allergy Immunology Seminar series, and research meetings. They also have access to the Immunocytogenetics Lab for transplantation immunology.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 420 Cardiology**

**Available Sites:** New Orleans (UMCNO, OMCK); Baton Rouge (LOL); Lafayette (UHC)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

The objective is to teach the fundamentals of clinical and laboratory diagnosis and treatment of cardiovascular disease with emphasis on bedside clinical cardiac diagnosis.

Activities include daily cardiac care unit rounds, cardiac rounds and consultations six times weekly, cardiac clinic twice weekly, and cardiology conference four days per week. Students will be expected to work up cases for presentation at all of the scheduled activities, to accompany fellows and residents on consultations, and to participate in non-invasive procedures.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 420 Endocrinology**

**Available Sites:** New Orleans (UMCNO); Lafayette (UHC)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

There are two pathways in this elective program. The first is designed to afford students a unique clinical opportunity to become thoroughly familiar with the diagnosis, pathophysiology, and management of the major endocrine disorders (diabetes mellitus, thyrotoxicosis, myxedema, hypo and hyperpituitarism, adrenocortical and gonadal diseases, and abnormalities of bone and calcium metabolism). The second pathway allows the student to become involved in a research program. The problem should be decided in advance through discussions with the faculty.

Students on the clinical pathway will participate with a faculty preceptor, fellows and residents in regular inpatient consultation, in-patient teaching rounds, a weekly endocrine clinic, and formal clinical teaching conferences. Ample time will be provided for reading textbook material as well as the current endocrine literature. Students on the research pathway will design a program with a faculty member to accomplish the research goal.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 420 Gastroenterology**

**Available Sites:** New Orleans (UMCNO, OMCK); Baton Rouge (OLOL); Lafayette (UHC)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

A four-week comprehensive course intended to educate the student in the area of clinical gastroenterology at the Medical Center of Louisiana in New Orleans (University Hospital). Student electing to spend time on the G. I. service will attend all activities of the section including consultation rounds, endoscopy clinics, outpatient clinics, conferences, etc. The students is thus afforded the opportunity of observing a wide variety of gastrointestinal pathology and correlating this with the clinical situation.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 420 Hematology/Oncology**

**Available Sites:** New Orleans (UMCNO); Baton Rouge (LOL)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

A four-week course offering additional training to students with a special interest in hematology and/or medical oncology. Under the direct supervision of faculty, fellows, and house staff the student will: learn how to evaluate patients with hematologic and neoplastic diseases, obtain and interpret bone marrow and peripheral blood smears, formulate treatment plans and select parameters of response to therapy, and work as an acting intern.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 420 Infectious Disease**

**Available Sites:** New Orleans (UMCNO, OMCK); Baton Rouge (LOL); Lafayette (UHC)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

Students will learn how to evaluate and treat patients with a variety of infectious diseases, as well as how to collect, transport and process specimens collected from patients seen in consultation with infectious disease staff. Students will be also instructed in the principals of antimicrobial therapy.

Scheduled activities include clinical rounds six days each week with the consulting service at University Hospital and a series of seminars with in-depth handouts covering the various topics of infectious diseases including: antimicrobial agents, HIV/AIDS and host defense mechanisms. Attendance to the following conferences is also expected: Infectious Diseases Journal Club, Case Conference and Research Conference, Clinical Microbiology Conference, New Orleans Citywide Infectious Disease Conference.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 420 MICU**

**Available Sites:** New Orleans (UMCNO)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

This four-week course is designed to develop fundamental skills in evaluation and management of critically ill patients.

The student will make daily rounds with interns, residents, fellows and attending staff in the MICU. The student will be instructed in chest radiograph interpretation, ventilator management, hemodynamic management, and pulmonary artery catheter interpretation. A variety of critical care conditions will be discussed during daily, patient-based, teaching rounds with the Critical Care attending, fellow and residents. The student may participate in supervised procedures including central line placement, arterial cannulation, thoracentesis, percutaneous tracheostomy, and fiberoptic bronchoscopy. Weekly teaching conferences in the Section of Pulmonary and Critical Care Medicine include Chest Conference, Journal Club, and Pulmonary Core Curriculum lectures. Night call every third day is mandatory and allows the student to assume substantial direct patient care responsibility.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 420 Nephrology**

**Available Sites:** New Orleans (UMCNO, OMCK); Baton Rouge (LOLO); Lafayette (UHC)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

A course designed to acquaint the student with nephrology in the academic and clinical setting.

The student will be responsible for the work-up of at least one patient per week, and will attend all rounds and conferences of the subspecialty and weekly medical staff clinic. The student will learn the techniques of hemodialysis and peritoneal dialysis. The student will also observe and work on the transplantation service. There will be participation in the evaluation and care of private nephrology patients one or more days a week.

New Orleans students will be able to participate in the clinical study of patients enrolled in the protocols of our Research Hypertension Clinic/Section of Nephrology (Room A323). This will involve the performance of physical examinations, renal function studies and the use of new techniques such as the 24hour ambulatory blood pressure monitor.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.



## **MED 420 Pulmonary**

**Available Sites:** New Orleans (UMCNO, OMCK); Baton Rouge (LOLO)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

This four-week course is designed to develop fundamental skills in evaluation and management of patients with pulmonary disease in the inpatient and outpatient setting.

The student will make daily rounds with interns, residents, fellows and attending staff on the Inpatient Pulmonary and Pulmonary Consult services, The student will be instructed in chest radiograph, chest CT and pulmonary function test interpretation, and will have an opportunity to develop these skills during the month, A wide variety of pulmonary conditions will be encountered while performing consultations and primary patient care, The student may participate in procedures including: thoracentesis, percutaneous tracheostomy, fiberoptic bronchoscopy and pleural needle biopsy, Students will receive instruction in the outpatient evaluation of common and unusual pulmonary diseases in the weekly Chest Clinic and Tuberculosis Clinic, Weekly teaching conferences in the Section of Pulmonary and Critical Care Medicine include Chest Conference, Journal Club, and Pulmonary Core Curriculum lectures.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.

## **MED 420 Rheumatology**

**Available Sites:** New Orleans (UMCNO)

**Duration:** 4 weeks

### **Objective/Means of Implementation:**

A four-week course intended to integrate the clinical, immunological, and research aspects of the rheumatic diseases.

The student will participate in the evaluation of patients at weekly Immunology and Rheumatology Clinics and will be expected to read the current literature pertinent to the patients. Other activities include teaching rounds three times a week, *review* of clinic X-rays, weekly case conference, and weekly seminar. One of these seminars will be *given* by the student. Opportunity for research will be provided for those interested.

**Evaluation:** The attending staff on the team will complete a final evaluation through New Innovations.