Acting Internships:

Course name and number: Acting Internship – New Orleans: MEDC 400 (Required Medicine), 418 (Secondary Acting Internship), 419 (Primary Acting Internship)

Available Hospitals: LSU-ILH, OMC-Kenner, and Touro Infirmary

Faculty: Charles V. Sanders, MD and Internal Medicine Faculty

Duration: 4 weeks

Availability: Senior acting internships may be taken as an elective if spots are available after assignment of acting internships to students at the LSU School of Medicine (New Orleans).

Objectives/Means of Implementation:

The Department of Medicine offers this Senior Acting Internship at the Medical Center of Louisiana – New Orleans (Interim LSU Hospital), OMC-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 presume that it has 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 final evaluation form will be completed by the attending staff on the team on New Innovations.

Course name and number: Acting Internship – Baton Rouge: MEDC 419 (Primary Acting Internship)

Available Hospitals: LSU-Our Lady of the Lake
**Faculty:** Internal Medicine Faculty of LSU-Our Lady of the Lake, Baton Rouge

**Duration:** 4 weeks

**Availability:**

Senior acting internships may be taken as an elective if spots are available after assignment of acting internships to students at Our Lady of the Lake Regional Medical Center

**Objectives/Means of Implementation:**

To allow the senior student to function as an integral member of a team responsible for the inpatient 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.

**Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** Acting Internship – Lafayette: MED 400 (Required Medicine), 418 (Secondary Acting Internship), and 419 (Primary Acting Internship)

**Available Hospitals:** LSU - UHC-Lafayette

**Faculty:** Dr. Leela Lakshmiprasad or other assigned IM Staff

**Duration:** 4 weeks

**Availability:** All blocks

**Number of students:** 4 (includes assigned and elective)

**Objectives:**

This senior medicine rotation at University Hospital and Clinics, Lafayette, Louisiana, is designed to give the senior student a broad but comprehensive outlook into the management of patients with acute/chronic internal medicine problems both in an inpatient and ambulatory setting, as well as exposure to various subspecialties of medicine in a clinical rotation. We hope this experience, while not only providing education, will help the senior student in taking his/her USMLE exams as well as consider Internal Medicine as a career opportunity.

**Means of Implementation:**

Student is assigned to a ward team of 2 - 3 residents and an attending staff; student will function as a team member on the ward-team and will stay in-house on on-call days.

He/she will perform an H & P on at least one new patient on each call day and present patient(s) at morning report.
He/she will follow the progress of these patients and write notes/orders which are co-signed by the resident/staff on the team.

He/she will attend all morning reports, other conferences as scheduled, as well as attending rounds and work rounds with the team.

He/she will also attend all patient clinics as assigned.

He/she will be given reading assignments for team rounds or conferences.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** Secondary Acting Internship – PM&R – New Orleans: MED 418

**Faculty:** Gary Glynn, M.D.

**Duration:** 4 weeks of inpatient wards at the Touro Infirmary, at the Touro Rehabilitation Center.

**Objectives:**

The physical medicine and rehabilitation acting internship is designed to give interested students the opportunity to function as an integral member of the clinical team in caring for hospitalized patients under the direct supervision of residents and faculty. The acting internship aims to reinforce ACGME core competency areas as expected of residents.

1) Students should further develop their skills in patient care in preparation for internship. In particular, they should advance their skills in patient assessment, diagnosis and the formulation of management plans. They should also refine their presentation skills and writing orders.

2) Students should broaden their knowledge of physical medicine and rehabilitation, as well as general internal medicine, by attending conferences and lectures with residents and reading about their patients. Students are expected to take the opportunity to advance their understanding in areas where they need additional learning.

3) Students are expected to demonstrate professionalism with patients, their colleagues and hospital staff.

4) Students should continue to improve their communication skills in their interactions with patients, their families, and in presentations to their peers.

5) Students are expected to continue their self-education and engage in practice-based learning through utilization of the medical literature to improve patient care.

6) Students are expected to develop skills in systems-based practice by learning proper patient management within the context of available resources, including the appropriate integration of their care with consultants, appropriate use of outpatient resources, and appropriate involvement of non-physician members of the patient care team.

Students do not have specified required clinical encounters on the acting internship as they admit physical medicine and rehabilitation patients on their call days and nights in rotation with residents. Students are expected to take call with an assigned resident. The focus of the acting internship is on the level of student
responsibility for their patients regardless of the disease process. Students are expected to function at a higher level than third-year clerkship students, perform more complete work-ups, develop more accurate differential diagnoses and more complete management plans before reviewing these with their supervising residents and attending physician.

Students meet with the clerkship directors to discuss the level of responsibility they are assuming in patient care, the numbers and types of patients they are seeing, and the quality of instruction and supervision from residents and faculty.

Objectives are reviewed at the start of each month at a resident orientation. Faculty members supervise the instruction of students by house officers as part of their clinical duty, concurrently fulfilling an ACGME requirement. Faculty members are oriented to the clerkship objectives and evaluation system at faculty meetings and workshops. In addition, local site directors, who meet with clerkship directors several times during the year, provide orientations for faculty members and residents at their specific sites.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
**Allergy/Immunology:**

**Course name and number:** Allergy and Immunology – New Orleans: MED 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-ILH

**Faculty:** Prem Kumar, MD and other LSU Faculty

**Duration:** 4 weeks

**Objectives:**

To introduce the clinical aspects of allergic diseases.

To introduce the clinical aspects of Transplantation, Immunology, and Immunodeficiencies.

To provide experience in basic and clinical aspects of immunological research.

**Means of Implementation:**

Clinical Experience: Allergy/immunology clinics and allergy/immunology ward rounds

Conferences: Allergy/Immunology Journal Club

LSU/Tulane Combined Allergy Immunology Seminar series

Research meeting

Fellow Tutorial

Laboratory Experience and Research: The Allergy/Immunology Section has a well-equipped Immunocytogenetics Lab for transplantation immunology.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
Ambulatory Care:

Course name and number: Ambulatory Care – New Orleans: MEDC 415

Available Rotations: HIV Outpatient Clinic LSU-ILH, Continuity Clinic/Subspecialty Clinics, and Landry Clinic

MED 415 – HIV Outpatient Clinic Rotation:

Faculty: Rebecca Clark, MD - Course Coordinator

Duration: Four (4) week rotations

Objectives:

Following participation in this rotation, the student will be able to:

Integrate the concepts of etiology, epidemiology, pathophysiology and preventive measures involved in HIV infection.

Conduct an effective risk assessment.

Recognize the importance of pre/post HIV test counseling.

Perform a history and physical exam as part of the work up of a newly diagnosed HIV disease.

Interpret symptoms, signs and diagnostic tests in staging HIV diseases.

Discuss and utilize current guidelines for care of the early symptomatic HIV-positive individual, male and female. Introduction to current guidelines for HAART Therapy. Exposure to monitoring side effects of HAART Therapy. Use of resistance testing.

Discuss the prophylaxis and treatment of the most common opportunistic infections.

Experience the multi-disciplinary HIV Primary Care model, including the role of nurse practitioners, social workers, case manager, and health educators.

Perform safer sex counseling.

Means of Instruction:

Didactic lectures.

"Hands on" clinical experience with preceptors in the HIV Outpatient Clinic.

Team meeting/case management discussions.

Observation of group sessions.

Method of Evaluation:
The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** Ambulatory Care – Emergency Medicine – New Orleans: MEDC 415

**Faculty:** Jennifer Avegno, MD, Director, Student Clerkship (javegn@isuhsc.edu); Elizabeth Clement, MD, Assistant Clerkship Director; Sal Suau, MD, Assistant Clerkship Director

**Duration:** 4 weeks

**Availability:** July - December

**Number of students:** 3 per block; NOTE: ONLY students who are planning a career in Emergency Medicine will be considered for this rotation.

**Objective:**

To obtain insight into the principles and practice of emergency medicine and trauma care in the Emergency Department. To improve clinical and technical skills in an emergency setting and develop familiarity with ambulatory care. To obtain skills in simple suturing, eye examinations, gynecological exams, and other common emergency procedures. Students function as interns while on the rotation and are given appropriate limited autonomy to further enhance their clinical and medical decision making skills.

**Means of Implementation:**

Each student is required to work between 9-12 shifts during their rotation: 7a-7p and 7p-7a in the Main Emergency Room (MER) and Fast Track (FT). 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 every Thursday at 7:30 am. Students will be responsible for obtaining daily evaluations from faculty during their rotation. Students will also participate in specialty shifts in Ultrasound, EMS, and Hyperbarics, and a monthly simulation lab.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** Ambulatory Care – PM&R – New Orleans: MEDC 415

**Faculty:** Kiersta Kurtz-Burke, M.D., Robert Mipro, M.D., Randolph L. Roig, M.D.

**Duration:** 4 weeks of outpatient physical medicine and rehabilitation at the Veterans Health Administration facility in New Orleans. Students will see a variety of patients in the area of physiatry both on consultation and on a primary care basis, as physiatrists at the VA function as the primary care physicians for spinal cord injured patients.

**Objectives:**

The required senior internal medicine ambulatory clerkship is designed to provide an opportunity for students to function in an outpatient setting under the supervision of faculty in the department of internal medicine, section of physical medicine and rehabilitation. The following objectives are emphasized:
1) Students are expected to demonstrate patient care skills such as the performance of focused assessments, formation of accurate differential diagnoses, use of lab and imaging services in the outpatient setting, and development of reasonable outpatient treatment plans.

2) Students should enhance their knowledge of disease presentation for common illnesses seen in general medicine clinics and their knowledge of chronic conditions seen in subspecialty clinics.

3) Students should develop an understanding of the role of an outpatient clinic and non-physician providers in chronic disease management.

4) Students are expected to demonstrate professional attitudes and behaviors in their interactions with patients, team members, and all clinic personnel.

Students do not have specified required clinical encounters on the required ambulatory internal medicine clerkship; the patients vary depending on the clinics to which the student is assigned. Typically, students gain significant experience in the management of common outpatient diseases such as hypertension and diabetes. Students are expected to function at a higher level of independence in evaluation of patients and development of management plans, but are still closely supervised by residents and attending physicians in the clinics.

Students meet with the clerkship directors to discuss the quality of instruction and supervision from residents and faculty and the overall experience in the clinics.

**Means of Implementation:**

Clerkship objectives are reviewed at the start of each month at a resident orientation. Faculty members supervise the instruction of students by house officers as part of their clinical duty, concurrently fulfilling an ACGME requirement. Faculty members are oriented to the clerkship objectives and evaluation system at faculty meetings and workshops. In addition, local site directors, who meet with clerkship directors several times during the year, provide orientations for faculty members and residents at their specific sites.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** Ambulatory Care – Lafayette: MEDC 415

**Available Hospitals:** LSU - UHC-Lafayette

**Faculty:** Assigned IM Clinic Faculty

**Duration:** 4 weeks

**Availability:** All blocks (check with program coordinator)

**Objectives:**

A four week course intended to provide the student with exposure to commonly encountered problems in the field of Internal Medicine and the subspecialties of IM in an ambulatory setting.

To learn initial work-up, evaluation and treatment of medical problems such as hypertension, diabetes, arthritis, and asthma. Also treat other common problems such as respiratory infections, urinary tract infections, etc.

Follow-up of above patients as well as recently discharged Internal Medicine in-patients with acute problems.
The student will learn pharmaco-economics of commonly prescribed drugs including anti-hypertensive agents, antibiotics, anti-arthritic and anti-hypoglycemic agents.

**Means of Implementation:**

Student will examine new cases assigned to him/her by faculty, with immediate supervision in the medicine Clinic and formulate a diagnostic/therapeutic plan.

Follow-up of patients seen previously by the student.

Attend scheduled conferences and morning report as per the out-patient schedule.

**Evaluation:**

The Attendance card will be signed by the staff in the individual clinics. The final evaluation form will be completed by the attending staff on the team on New Innovations.
Baton Rouge Electives:

Course name and number: Critical Care Medicine – MED 420

Available Hospitals: Our Lady of the Lake

Faculty: Dr. Kevin Reed; Dr. Stephen Briere; Dr. Roy Culotta; Dr. Tonya Jagneaux; Dr. John Godke; Dr. Bud O'Neal

Duration: 4 weeks

Objectives and Means of Implementation:

This four-week course is designed to develop fundamental skills in the evaluation and management of critically ill patients. The student will make daily rounds with interns, residents, and attending staff in the ICU. The student will be instructed in chest radiograph interpretation, ventilator management, hemodynamic management, and pulmonary artery catheter interpretation. The student may participate in the performance of supervised procedures that are needed in the care of the critically ill. Weekly teaching conferences in the Section of Pulmonary and Critical Care Medicine are held on Tuesdays at 4:00 p.m. Additional didactic lectures are held each Monday, Wednesday and Friday by the Section of Internal Medicine. Attendance at morning report is mandatory. Night call is not mandatory.

Method of Evaluation:

The final evaluation form will be completed by the attending staff on the team on New Innovations.

Course name and number: Medicine Subspecialties – MED 420

Available Hospitals: Our Lady of the Lake

Faculty: Faculty of the LSU Internal Medicine Department in Baton Rouge

Duration: 4 weeks

Objectives and Means of Implementation:

The major objective of this rotation is to give exposure to the various subspecialties in Internal Medicine. A major focus of the rotation will be to provide one-on-one teaching using patients with diseases that are the most representative and important in that subspecialty. Students will be expected to attend morning report. Neither night call nor weekend clinical responsibilities will be required of the student during this rotation.

Method of Evaluation:

The final evaluation form will be completed by the attending staff on the team on New Innovations.

Course name and number: Principles in Clinical Decision Making: An Approach Based on Concept Maps – MED 420

Available Hospitals: Our Lady of the Lake

Faculty: Dr. George Karam, Dr. Guido DeJesus and Dr. John Godke
**Duration:** 4 weeks

**Objectives and Means of Implementation:**

Within medical school curricula, there has traditionally been little emphasis on how clinical decision making best occurs. In recent years, there has been emphasis placed on the use of concept maps in the formation of an approach to providing patient care. In contrast to algorithmic medicine, the use of concept maps focuses on pathophysiologic variables. The goal of this elective is to help students understand the role of concept maps and pathophysiologic reasoning in the approach to clinical problem solving. The rotation will consist of 4 components: 1) Attendance at morning report and a daily noon conference, at which the learning style is based on use of concept maps, 2) Formal small-group instruction to better learn the principles that influence development of concept maps and of pathophysiologic reasoning, 3) Participation in patient care encounters in internal medicine subspecialty clinics during which the principles of concept maps can be used in the provision of medical care, 4) An evaluation process that will consist of the student developing and presenting to peers a concept map approach for clinical decision making in a specific area of the specialty the student will ultimately pursue. Because of the nature of this elective, the grading system will be either Pass or Fail.
Cardiology:

Course name and number: Cardiology – New Orleans: MED 400 (Required Medicine) and 420 (Elective)

Available Hospitals: LSU-ILH and OMC-Kenner

Faculty: LSU Cardiology Staff

Duration: 4 weeks

Objectives:

To teach the fundamentals of clinical and laboratory diagnosis and treatment of cardiovascular disease with emphasis on bedside clinical cardiac diagnosis.

Means of Implementation:

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. Student 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. Rotations are available at University Hospital, or the Medical Center of Louisiana at New Orleans (University Hospital and Charity Hospital).

Method of Evaluation:

The final evaluation form will be completed by the attending staff on the team on New Innovations.

Course name and number: Cardiology – Lafayette: MED 400 (Required Medicine) and 420 (Elective)

Available Hospitals: LSU-UHC, Lafayette

Faculty: Faculty staff from Cardiovascular Institute of the South

Duration: 4 weeks

Availability: All blocks, including summer (check with program coordinator)

Educational Goals and Objectives:

After a two -four week rotation in the cardiology service, it is expected that the student will be able to recognize cardiovascular disease, elicit and recognize physical signs in the cardiovascular diseases, interpret electrocardiograms and chest roentgenograms, do deductive analysis of objective data to arrive at an etiologic, anatomic, physiological and functional categorization of common cardiovascular diseases. The student will also be introduced to various cardiovascular diagnostic techniques/procedures.

Means of Implementation:

Work up of selected patients assigned to him/her by the cardiology resident/faculty and discuss the problems in detail and provide a management plan as a consultant.
Opportunity to evaluate and manage cardiovascular problems on an out-patient basis in consultation with his/her resident/faculty in the cardiology clinic (once a week).

Bedside rounds.

Formal lectures/conferences.

Sharpen EKG interpretation skills with daily EKG reading, supervised by the resident/faculty.

Exposure to various cardiovascular diagnostic procedures including cardiac stress testing, echocardiography including color-flow Doppler studies, Holter monitoring, cardiac catheterization techniques, cardiac pacemaker implantation, various nuclear cardiac scans, etc.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
Emergency Medicine:

Course name and number: Emergency Medicine – New Orleans: MEDC 420 (Elective)

Faculty: Jennifer Avegno, MD, Director, Student Clerkship (javegn@isuhsc.edu); Elizabeth Clement, MD, Assistant Clerkship Director; Sal Suau, MD, Assistant Clerkship Director

Duration: 4 weeks

Availability: July - December

Number of students: 3 per block; NOTE: ONLY students who are planning a career in Emergency Medicine will be considered for this rotation.

Objective:

To obtain insight into the principles and practice of emergency medicine and trauma care in the Emergency Department. To improve clinical and technical skills in an emergency setting and develop familiarity with ambulatory care. To obtain skills in simple suturing, eye examinations, gynecological exams, and other common emergency procedures. Students function as interns while on the rotation and are given appropriate limited autonomy to further enhance their clinical and medical decision making skills.

Means of Implementation:

Each student is required to work between 9-12 shifts during their rotation: 7a-7p and 7p-7a in the Main Emergency Room (MER) and Fast Track (FT). 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 every Thursday at 7:30 am. Students will be responsible for obtaining daily evaluations from faculty during their rotation. Students will also participate in specialty shifts in Ultrasound, EMS, and Hyperbarics, and a monthly simulation lab.

Method of Evaluation:

The final evaluation form will be completed by the attending staff on the team on New Innovations.

Course name and number: Emergency Medicine – Baton Rouge: MED 420 (Elective)

Available Hospitals: LSU-OLOL

Faculty: Our Lady of the Lake Emergency Medicine Faculty

Duration: 4 weeks

Availability: All blocks

Objectives:

To obtain insight and experience in the field of Emergency Medicine. To improve clinical skills.

Means of Implementation:
Students will spend 4 weeks in the Emergency Department, working an average of 50 hours per week on assigned shifts. Under staff supervision, students will evaluate patients, formulate plans for therapy, and perform procedures. They are expected to attend student and resident conferences which average 5 hours per week.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
**Endocrinology:**

**Course name and number:** Endocrine – New Orleans: MED 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-ILH

**Faculty:** LSU Endocrine Staff

**Duration:** 4 weeks

**Objectives:**

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.

**Means of Implementation:**

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.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
**Gastroenterology:**

**Course name and number:** Gastroenterology – New Orleans: MED 400 (Required Medicine), and 420 (Elective)

**Available Hospitals:** LSU-ILH and OMC-Kenner

**Faculty:** LSU Gastroenterology Staff

**Duration:** 4 weeks

**Objectives:**

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).

**Means of implementation:**

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.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** Gastroenterology – Lafayette: MED 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-UHC, Lafayette

**Faculty:** Dr. Eugene Stueben

**Duration:** 4 weeks

**Availability:** All Blocks (check with preceptor)

**Objectives:**

The student will learn the presentation of commonly seen medical conditions relating to the Gastro intestinal system, hepatic- biliary system and pancreas both in the inpatient and outpatient setting.

The student will learn the common modalities of treatment for the above patients.

The student will be exposed to the commonly performed procedures in the GI Lab of EGD, Colonoscopy, ERCP, learn their indications and contra-indications.

**Means of Implementation:**

The student will examine the assigned patients on the inpatient consult service and the outpatient clinic with case discussion with the faculty.
Bedside teaching rounds with focus on physical findings.

Attend the GI Lab while procedures are being performed.

Formal Lectures by the staff and assigned topic presentation by the student.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
Geriatrics:

Course name and number: Geriatrics – New Orleans: 420 (Elective)

Available Hospitals: LSU-ILH

Faculty: LSU Geriatrics Staff

Duration: 4 weeks

Objectives:

Discuss the Epidemiology of Aging

Discuss characteristics of the “normal” elderly

Discuss common Geriatric Syndromes affecting the elderly including Dementia, Delirium, Polypharmacy, Urinary Incontinence, Falls, Dizziness and Functional decline

Discuss atypical presentation of illness in the elderly

Discuss proper health maintenance for the elderly

Become familiar with the provision of elderly care in the community, hospital and in LTC settings (nursing home, Hospice and Home Health)

Means of Implementation:

The medical student will attend clinical sessions evaluating seniors in the nursing home, clinic and hospital settings during specific half days of the week with supervision provided by resident, fellow and full time faculty of the Section of Geriatric Medicine. The medical student will also attend weekly didactic sessions of the Section of Geriatric Medicine and give at least one presentation during one of these sessions involving a case presentation, a journal club or formal geriatric disease state or syndrome. Evaluation of the student will be by the supervising faculty at the end of the course. Students will also evaluate the experience as well as the faculty attendings.

Method of Evaluation:

The final evaluation form will be completed by the attending staff on the team on New Innovations.
**Hematology-Oncology**

**Course name and number:** Hematology-Oncology – New Orleans: MED 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-ILH

**Faculty:** LSU Hematology-Oncology Staff

**Duration:** 4 weeks

**Objectives:**

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.
- Work as acting interns.

**Means of Implementation:**

The student will actively participate in all scheduled rounds and clinics of the hematology-oncology section, and may participate in subspecialty consultations. Case material preparation and presentation to the staff and at Tumor Conference will be an integral part of the student's responsibilities. Students may be assigned to the Bone Marrow Transplant Service. The student will also be encouraged to attend Medicine Grand Rounds, Case Management Conference and Morning Report.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
Infectious Diseases:

**Course name and number:** Infectious Diseases – New Orleans: MED 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-ILH and OMC-Kenner

**Faculty:** LSU Infectious Diseases Staff

**Duration:** 4 weeks

**Objectives:**

The student will learn how to evaluate and treat patients with a variety of infectious diseases.

The student will be instructed in the principals of antimicrobial therapy.

The student will learn how to collect, transport and process specimens collected from patients seen in consultation with infectious disease staff.

**Means of Implementation:**

Scheduled activities include:

Clinical rounds six days each week with the consulting service at University Hospital. 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:

- Infectious Diseases Journal Club, Case Conference and Research Conference
- Clinical Microbiology Conference
- New Orleans Citywide Infectious Disease Conference

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** Infectious Diseases – Lafayette: MED 400 (Required Medicine), and 420 (Elective)

**Available Hospitals:** LSU-UHC, Lafayette

**Faculty:** Dr. Bacel Nseir

**Duration:** 4 weeks

**Availability:** All blocks, including summer (check with program coordinator)

**Objectives:**
To introduce the student to the diagnosis and management of patients with infectious diseases.

To review Clinical Microbiology with emphasis on the most common pathogens.

To stress the importance of host defense mechanisms in the control of infections.

To provide the student with training in the use of antibiotics with emphasis in the proper use, indications, dosage and adverse effects.

To expose the students to the management of patients with AIDS and Hepatitis in an outpatient setting.

**Means of Implementation:**

Examination of selected new cases by the student and patient follow-up under the direct supervision of the preceptor.

The student will attend the Microbiology Lab and will see the results of the cultures of his/her patients.

Bedside Rounds, Formal Lectures, Audiovisual Aids, and Weekly I.D. Conferences.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
MICU:

Course name and number:  MICU – New Orleans:  MED 400 (Required Medicine) and 420 (Elective)

Available Hospitals:  LSU-ILH

Faculty:  LSU MICU Staff

Duration:  4 weeks

Objectives:

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

Means of Implementation:

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 (Tuesday at 3:00 p.m.), Journal Club (Wednesday at 12:00 noon), and Pulmonary Core Curriculum lectures (Friday at 12:00 noon). Night call every third day is mandatory and allows the student to assume substantial direct patient care responsibility.

Method of Evaluation:

The final evaluation form will be completed by the attending staff on the team on New Innovations.
Nephrology:

**Course name and number:** Nephrology – New Orleans: MED 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-ILH and OMC-Kenner

**Faculty:** LSU Nephrology Staff

**Duration:** 4 weeks

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

**Means of Implementation:**

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. Research Hypertension Clinic: 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 for physical examinations, renal function studies and the use of new techniques such as the 24-hour ambulatory blood pressure monitor.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** Nephrology – Lafayette: MED 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-UHC, Lafayette

**Faculty:** Dr. Maximo Lamarche

**Duration:** 4 weeks

**Availability:** All Blocks (check with preceptor)

**Objectives:**
A four week course designed to integrate basic science knowledge with clinical nephrology - acid base balance, electrolyte and hypertension/renal diseases.

A "bird's eye" view of the entire field of nephrology.

To stress the application of pathophysiology and basic science principals in clinical problem solving.

To introduce the student to the basic investigative procedures including a kidney biopsy and evaluate their place in clinical practice.
To involve the students in the management of patients with nephrology, acid base hypertension problems, clinic dialysis/transplantation.

**Means of Implementation:**

Examination of selected new cases by the student and patient follow-up under the direct supervision of the preceptor.

Bedside teaching rounds with focus on physical findings.

Formal Lectures by the staff and assigned topic presentation by the student.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
**PM&R:**

**Course name and number:** PM&R – New Orleans: MED 400 (Required Medicine)

**Faculty:** Kiersta Kurtz-Burke, M.D., Robert Mipro, M.D., Randolph L. Roig, M.D., and other PM&R Faculty

**Duration:** 4 weeks

**Objectives:**

The senior internal medicine/physical medicine and rehabilitation clerkship is designed to provide an opportunity for students to function as a member of a clinical team involved in patient care and consultation. Students should continue to develop the knowledge, skills and professional behaviors expected of internal medicine physicians.

1) Students are expected to further develop their patient management skills in the area of history and physical examination, differential diagnosis, formulation of diagnostic and treatment plans, and the utilization of diagnostic tests and invasive procedures.

2) Students should broaden their fund of knowledge in an area of interest by attending resident and subspecialty conferences and reading about patients seen in consultation or subspecialty clinics.

3) Students should develop an understanding of the role and proper etiquette for the day to day function of a subspecialty consultant. Students are expected to demonstrate professional attitudes and behaviors in their interactions with patients, team members, primary care teams and all hospital personnel.

Students do not have specified required clinical encounters on the senior required medicine clerkship as patients seen vary depending on the service to which the student is assigned. Students see patients in consultation or clinics consistent with what is typically seen in that subspecialty. Students are expected to function at a higher level of independence in evaluation of patients and development of management plans, but are still closely supervised by residents and their attending physicians.

Students meet with the clerkship directors to discuss the numbers and types of patients they are seeing, and the quality of instruction and supervision from residents and faculty. In addition, the importance of active and ongoing feedback to the senior medical students is reinforced at monthly faculty meetings.

**Means of Implementation:**

Clerkship objectives are reviewed at the start of each month at a resident orientation. Faculty members supervise the instruction of students by house officers as part of their clinical duty, concurrently fulfilling an ACGME requirement. Faculty members are oriented to the clerkship objectives and evaluation system at faculty meetings and workshops. In addition, local site directors, who meet with clerkship directors several times during the year, provide orientations for faculty members and residents at their specific sites.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** PM&R – New Orleans: Rehabilitation Medicine: MEDC 420 (Elective)

**Available Hospitals:** LSU-MCLNO and Touro
Faculty: Gary Glynn, MD and other PM&R Faculty

Duration: 4 weeks

Availability: All blocks (interested students should contact Dr. Roig at rroig@lsuhsc.edu)

Objectives:
This 4-week course in Rehabilitation Medicine is directed toward the evaluation of prospective rehabilitation patients in a hospital setting. This will include the early rehabilitation care in the acute care setting and coordination of rehabilitation with the Trauma service.

Means of Implementation:
The student would be expected to see consults at both University Hospital and Touro Infirmary. The students will follow these patients on the consult service. The student will also attend the conferences and lectures provided by the Section of Physical Medicine and Rehabilitation.

Method of Evaluation:
The final evaluation form will be completed by the attending staff on the team on New Innovations.

Course name and number: PM&R – New Orleans: Musculoskeletal and Pain Medicine and Electrodiagnostic Study: MED 420 (Elective)

Available Hospitals: LSU-MCLNO

Faculty: Stephen Kishner, MD and other PM&R Faculty

Duration: 4 weeks

Availability: All Blocks (interested students should contact Dr. Roig at rroig@lsuhsc.edu)

Objectives:
This is a 4-week elective in Musculoskeletal and Pain Medicine, as well as electrodiagnostic study, in the Section of Physical Medicine and Rehabilitation. Concepts and treatments related to neurological and musculoskeletal disorders are emphasized. In addition, musculoskeletal injection techniques as well as EMG and Nerve Conduction Studies is part of this elective.

Means of Implementation:
The student would be expected to attend daily clinics at LSU, New Orleans. The student will become familiar with outpatient treatment and rehabilitation of patients with neck and low back pain, arthritis, radiculopathy, entrapment neuropathies, and other neuropathic and pain disorders.

Method of Evaluation:
The final evaluation form will be completed by the attending staff on the team on New Innovations.

Course name and number: PM&R – New Orleans: Inpatient and Outpatient Rehabilitation: MED 420 (Elective)

Available Hospitals: LSU-MCLNO, Touro, and VA Hospital
**Faculty:** Gary Glynn, MD; Robert Mipro, MD; Stephen Kishner, MD; Kiersta Kurtz-Burke, MD, Randolph Roig, MD, and other PM&R Faculty

**Duration:** 4 weeks

**Availability:** All blocks (interested students should contact Dr. Roig at rroig@lsuhsc.edu)

**Objectives:**

This 4-week elective combines 2 weeks of inpatient rehabilitation or inpatient consults at Touro Infirmary with 2 weeks of outpatient physical medicine and rehabilitation clinics at the VA. If possible, one week may be spent at Touro with another week spent at the Poydras EMG/musculoskeletal clinic. This elective is designed to provide a broad overview of both inpatient rehabilitation topics (e.g., spinal cord and brain injury), and outpatient rehabilitation topics (e.g., amputees, orthotics, and pain syndromes). This is the ideal elective for a student contemplating PM&R as a specialty choice or for a potential applicant to the PM&R program, as it provides the broadest exposure possible to clinical locations and faculty.

**Means of Implementation:**

The student will learn in- and outpatient treatment of rehabilitation of patients. The student will also attend the conferences and lectures provided by the Section of Physical Medicine and Rehabilitation.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.

**Course name and number:** PM&R – New Orleans: MED 420 (Elective)

**Available Hospitals:** VA Hospital, New Orleans

**Faculty:** Robert Mipro, MD; Kiersta Kurtz-Burke, MD; Randolph Roig, MD

**Duration:** 4 weeks

**Availability:** All blocks (interested students should contact Dr. Roig at rroig@lsuhsc.edu)

**Objectives:**

This 4-week course in Physical Medicine and Rehabilitation is directed toward learning outpatient rehabilitation of patients with pain syndromes, spinal cord injury, stroke, arthritis and neuromuscular disease. The course also exposes the student to EMG and Nerve Conduction Studies, as well as musculoskeletal injection techniques.

**Means of implementation:**

The student will evaluate outpatients in various VA Clinics. The student will also participate in the regular conferences and lectures which take place in the LSU PM&R program.

**Evaluation method:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
**Pulmonary:**

**Course name and number:** Pulmonary – New Orleans: MEDC 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-ILH and OMC-Kenner

**Faculty:** LSU Pulmonary Faculty

**Duration:** 4 weeks

**Objectives:**

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.

**Means of Implementation:**

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 (Tuesday at 3:00 p.m.), Journal Club (Wednesday at noon), and Pulmonary Core Curriculum lectures (Friday at noon).

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.
**Rheumatology:**

**Course name and number:** Rheumatology – New Orleans: MED 400 (Required Medicine) and 420 (Elective)

**Available Hospitals:** LSU-ILH

**Faculty:** LSU Rheumatology Staff

**Duration:** 4 weeks

**Objectives:**

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

**Means of Implementation:**

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.

**Method of Evaluation:**

The final evaluation form will be completed by the attending staff on the team on New Innovations.