

## **PEDIATRICS**

- **Course name and number:** Pediatric Acting Internship (LSU-Children's Hospital) PEDI 418-Secondary Acting Internship.

### **Faculty:**

Dr. Amy

Prudhomme

Duration: 4

weeks

Availability: All

blocks

**Number of students:** Up to six per block. On space available basis. (Required LSU Acting Internship take precedence).

### **Objectives:**

This is a four-week course designed to increase knowledge and skills in pediatrics. Duties are similar to those of an intern.

### **Means of Implementation:**

The student will function as an intern in the evaluation, diagnosis, and treatment of acutely and chronically ill hospitalized children and adolescents admitted to Children's Hospital. These responsibilities will be supervised by both residents and members of the faculty. In addition, the students will be expected to attend Morning Report, Noon Conference, Grand Rounds and to attend ward rounds conducted by the teaching attending physician. During the rotation, the student will make a presentation during Morning Report. This Acting Internship can be done in the NICU, the PICU, Wards or a combination of NI/PI, or Wards/PI or Wards/NI. During the AI, the student will be required to take overnight call. The experience is offered at Children's Hospital.

### **Method of Evaluation:**

Evaluation will be based on day-to-day observation of the student while performing assigned duties. The student will be graded by the faculty and supervising residents based upon his or her skills, knowledge, judgment, attitude and evidence of reading medical literature.

- **Course name and number:** Pediatric Critical Care (Children's Hospital) PEDI 420-Elective-PICU.

### **Faculty:**

Dr. Bonnie C.

Desselle Dr.

Amy Creel

Dr. Gary Duhon

Dr. Nihal

Godiwala

Dr. Richelle

Monier

Dr. Janet Rossi

**Duration:** 4

weeks

**Availability:** All

blocks **Number**

**of students:** 2

**Objectives:**

To introduce the student to pediatric critical care medicine, with emphasis on the application of technology and applied science to the care of critically ill children.

**Means of Implementation:**

Under the supervision of residents and faculty the student will have direct involvement in primary care of patients. The student will be expected to evaluate patients daily, write progress notes, write daily orders and perform diagnostic and therapeutic procedures with direct supervision of faculty. The student will take an active part in patient rounds, and will be expected to attend lectures and conferences related to critical care.

**Method of Evaluation:**

Faculty and residents will evaluate the student's performance based on attitude, attendance, interest, general fund of knowledge and willingness to learn.

- **Course name and number:** Pediatric Endocrinology: Endocrine/Diabetes/Metabolism (Children's Hospital, Touro Infirmary) PEDI 420 Elective-Endocrinology.

**Faculty:**

Dr. Stuart Chalew

Dr. Dania Felipe

Dr. Ricardo Gomez

Dr Peter Tieh

**Duration:** 4 weeks

**Availability:** All blocks (check with preceptors)

**Number of students:** 1-2 per block

**Objectives:**

To give the participant a focused introductory exposure to general pediatric endocrinology and diabetes. The participant will gain an understanding of normal growth and development in children, the pathophysiology of hormonal disorders and their presentation in childhood, aspects of diagnosis and management of endocrine problems. The participant will become familiar with laboratory aspects of endocrine diagnosis. The participant will gain experience in team management of childhood diabetes.

**Means of Implementation:**

The participant may choose a primary clinical or research focus. During the elective, the participant will function as a full member of the endocrine team. For clinical activities, the participant will be under the supervision of the endocrine clinic and ward attendings. The participant will be the primary physician for outpatient evaluation of new and follow up cases in general endocrine clinic and pediatric diabetes clinic. The student will participate in ward rounds on endocrine patients and perform the initial evaluation for inpatient consultations. For electives during the month of July the participant may choose to spend 1 week at Lion's diabetes camp. In electives with a research focus participants will help take part in research activities of the division under supervision of the principal investigator. Participants will become familiar with protocol preparation, IRB/IACUC regulations,

data collection, analysis and presentation. The student will also take an active part in divisional seminars, journal clubs, meetings and other ongoing activities.

**Method of Evaluation:**

Evaluation is based on punctuality, effort, thoroughness of clinical history and physical exams, progress in the participant's ability to integrate history, physical findings to guide development of differential diagnosis, choice of diagnostic testing and management plan. The student will also be evaluated on participation in seminars and journal club.

- **Course name and number:** Pediatric Gastroenterology and Nutrition (Touro Infirmary /Children's Hospital) PEDI 420-Elective-Gastroenterology & Nutrition.

**Faculty:**

Dr. Paul Hyman  
Dr Elizabeth Alonzo  
Dr. Raynorda Brown  
Dr. Brent Keith  
Dr. Allan Rosenberg

**Duration:** 4 weeks

**Availability:** All blocks by special arrangement with preceptors.

**Number of students:** 1 per block

**Objectives:**

1. To acquaint the student with the subspecialty of pediatric gastroenterology and nutrition through direct involvement in the evaluation, diagnosis, management, and care of children with gastroenterology, hepatic and/or nutritional disorders.
2. To familiarize the student with laboratory studies and procedures useful in pediatric gastroenterology and nutrition.

**Means of Implementation:**

The student will participate in GI/nutrition rounds, weekly pediatric GI clinic, lipid clinic, obesity clinic, and pediatric conferences. The student will be assigned and involved with patients, either children or adolescents, with clinical problems of a gastroenterological or nutritional nature and will attend special procedures such as endoscopy, liver biopsy, manometry, etc.

**Clinical Research:** Students may elect to use time engaged on a well circumscribed small clinical study mentored by Dr. Hyman.

**Method of Evaluation:**

Faculty evaluation of student as judged by interest, attendance, reading skills and work habits.

- **Course name and number:** Pediatric Hematology-Oncology (Touro Infirmary /Children's Hospital) PEDI 420- Elective-Hematology/Oncology.

**Faculty:**

Dr. Lolie C. Yu  
Dr. Renee Gardner  
Dr. Maria Velez-Yanguas  
Dr. Dana LeBlanc

Dr. Cori Morrison  
Dr. Pinki Prasad  
Dr. Raymond Watts

**Duration:** 4 weeks

**Availability:** All blocks

**Number of students:** 2 per block

**Objectives:**

Offers opportunity to learn about the subspecialty of pediatric hematology-oncology by direct involvement in the primary care of children with hematologic conditions and malignant tumors. Provides experience through participation with an oncology team in delivery of total care in a comprehensive cancer center, including hematopoietic Stem cell bone marrow transplantation. Experience in diagnosis and management of anemia, and coagulation disorders will be an integral part of the elective. We also encourage the students to write a clinical case or review for publication.

**Means of Implementation:**

Attendance at, and participation in, the pediatric hematology-oncology clinics, sickle cell clinic, and hemophilia clinic at Children's Hospital, and weekly pediatric tumor conference (weekly multidisciplinary conference); active participation in the work-up and management of in- and outpatients; attendance at microscopy teaching seminars, Journal club & protocol review; performance of procedures such as bone marrow aspiration and spinal taps.

**Method of Evaluation:**

Preceptor evaluation of the student's progress in pediatric hematology-oncology as manifested by his/her attendance, interest, participation in clinical activities, and evidence of acquired knowledge.

- **Course name and number:** Pediatric Forensic Medicine (Children's Hospital Child Abuse Clinic) PEDI 420- Elective-Pediatrics Forensic Medicine.

**Faculty:**

Dr. Neha Mehta  
Ellie Wetsman

**Duration:** 4 weeks

**Availability:** All blocks (check with preceptors)

**Number of students:** 1 per block

**Objectives:**

Each student will learn physical, laboratory, and interviewing techniques in the evaluation of suspected child maltreatment, including physical abuse, sexual abuse, and neglect. An emphasis is made on meeting all physicians' basic legal responsibilities to aid in the prevention, recognition, investigation and/or prosecution of suspected abuse of children.

**Means of Implementation:**

- Attendance and participation in the Child Abuse Clinic at Children's Hospital clinics in New Orleans, Baton Rouge, and Covington.
- Attendance and participation in in-patient forensic evaluations at Children's Hospital.
- Attendance at multi-disciplinary team meetings.
- Attendance with law enforcement and various District Attorneys' Offices.

- Attendance in juvenile and criminal court.
- Attendance at all scheduled rounds, conferences, seminars and other specified activities.
- Preparation of one typed and referenced literature review topic (to be picked in concert with preceptor).
- Instruction in computer-aided literature searches and computer-aided office practice management.

**Method of Evaluation:**

Faculty assessment of the student's interest, knowledge, and skills based on observation of the student's performance during the elective.

- **Course name and number:** Neonatal-Perinatal Medicine (Touro Infirmary/Children's Hospital) PEDI 420 - Elective-NICU.

**Faculty:**

Dr. Brian Barkemeyer  
 Dr. Raegan Gupta  
 Dr. Staci Olistter  
 Dr. Christy Mumphrey  
 Dr. Jessica Patrick-Esteve  
 Dr. Dana Rivera  
 Dr. Jeff Surcouf

**Duration:** 4 weeks

**Availability:** All blocks

**Number of students:** 2 per block

**Objectives:**

To introduce the student to neonatal-perinatal medicine, including perinatal risk factors, neonatal resuscitation, management of high risk newborns including premature infants and infants with congenital anomalies.

**Means of Implementation:**

Direct involvement in primary care of both critically ill and healthy neonates. Perinatal physiology and pathophysiology are emphasized. Students may spend portions of the block at Touro Infirmary and Children's Hospital.

**Method of Evaluation:**

Students are evaluated by analysis of their performance in general patient care, medical records, acquisition of technical skills and their familiarity with applicable current clinical and basic science literature. Evaluations are performed by faculty, fellows, and house staff.

- **Course name and number:** Pediatric Allergy/Immunology (Children's Hospital) PEDI 420-Elective-Allergy/Immunology.

**Faculty:**

Dr. Ken Paris

Dr Ricardo Sorensen  
Dr Luke Wall  
Dr. Elizabeth Wisner

**Duration:** 4 weeks

**Availability:** All blocks (after checking with Dr. Paris)

**Number of students:** 1 per block, all blocks

**Objectives:**

This is a 4-week course designed to increase knowledge and skills in Pediatric Allergy and Immunology. Duties are similar to those of an intern.

**Means of Implementation:**

The student will function as an intern in the evaluation, diagnosis and treatment of patients referred to the Allergy/Immunology clinics. Daily clinics are held at Children's Hospital Clinics and twice a week at the Metairie clinic. The rest of the time, the student will participate in the ongoing clinical, research and educational activities of the Division of Allergy/Immunology. The student will be guided to the appropriate literature and invited to research topics pertinent to patients that are evaluated during rotation.

- **Course name and number:** Ambulatory Pediatrics (Children's Hospital) PEDI 420-Elective-Ambulatory Pediatrics-Children's Hospital Subspecialty Clinics.

**Faculty:**

Dr. Amy Prudhomme

**Duration:** 4 weeks

**Availability:** All blocks (with preceptor approval) **This course is not available in December.**

**Number of students:** 4 per block

**Objectives:**

To augment and reinforce the core knowledge and skills learned in the junior year as they apply to child health problems encountered in an outpatient setting.

**Means of Implementation:**

Students are assigned to pediatric clinics and selected subspecialty clinics in the outpatient department of Children's Hospital (Ambulatory Care Center - ACC). Assignments from appropriate pediatric literature material pertinent to ambulatory pediatric care are integral parts of this elective. Students will choose 2-4 pediatric subspecialty clinics at Children's Hospital. If a particular subspecialty does not have clinic on a given day of the assigned week the student will see consults with the subspecialty staff, round on inpatients for that given subspecialty and/or perform assigned reading/projects (this will vary with each subspecialty). Available clinics are: Allergy/Immunology, Endocrinology, Cardiology, Gastroenterology, Genetics, Hematology/Oncology, Infectious Diseases, Nephrology, Pulmonology, and Rheumatology.

**Method of Evaluation:**

Faculty members will grade the participation in each clinic based on the student's attendance, interest, knowledge, clinical skills, and evidence of reading the assigned literature.

- **Course name and number:** Pediatric Cardiology (Touro Infirmary / Children's Hospital) PEDI 420- Elective- Cardiology.

**Faculty:**

Dr, Michael Brumund

Dr. Kelly Gajewski

Dr. Christian Lilje

Dr Kiran Mallula

Dr Stephanie Samples

Dr. Stephan Sernich

Dr. Ernest Siwik

Dr Aluzio Stopa

Dr Jason Turner

**Duration:** 4 weeks

**Availability:** By special arrangement with preceptor

**Number of students:** 1 per block

**Objectives:**

To teach the fundamentals of clinical and laboratory diagnosis and management of congenital and acquired cardiovascular disease. To introduce the student to non-invasive and invasive cardiac diagnostic techniques.

**Means of Implementation:**

The student will attend and participate in cardiology clinics, rounds, consultations, conferences, case discussions, and procedures at Children's Hospital.

**Method of Evaluation:**

Faculty evaluation of the student based on attendance, clinical ability, and evidence of reading the appropriate recommended literature.

- **Course name and number:** Pediatric Rheumatology (Children's Hospital/ Touro Infirmary) PEDI 420- Elective- Rheumatology.

**Faculty:**

Dr. Abraham Gedalia

**Duration:** 4 weeks

**Availability:** All blocks

**Number of students:** 2 per block

**Objectives:**

The rotation in Pediatric Rheumatology will provide the Senior Student the opportunity to experience and study in-depth the various rheumatic conditions in children: juvenile rheumatoid arthritis (JRA), systemic lupus erythematosus (SLE), juvenile dermatomyositis (JDMS), Henoch Schonlein purpura (HSP), Kawasaki disease, rheumatic fever, reactive arthritis, childhood sarcoidosis and musculoskeletal pain syndromes such as growing pains, joint hypermobility, fibromyalgia syndrome (FMS), reflex sympathetic dystrophy(RSD), and periodic fever syndromes.

#### Clinical Activities:

1. Four-weekly subspecialty clinics in Pediatric Rheumatology, three at Children's Hospital and one at the Metairie satellite.
2. Inpatient consultations at Children's Hospital.
3. Outreach clinics once a month for each of the following:

Children's Hospital clinics in Baton Rouge

Children's Hospital clinics In Lafayette

#### Teaching:

1. Combined Rheumatology Grand Rounds and Journal Clubs at the Section of Rheumatology (every Monday at 3:00 p.m.).
2. Citywide Rheumatology conference held once a month.
3. Individual discussion of special topics with the senior student and

#### residents. Research:

1. Research opportunities in the clinical field of Pediatric Rheumatology.
2. Basic research and research conferences are available through the Section of Rheumatology at LSU.

#### **Method of Evaluation:**

Faculty evaluation of the student's progress as evidenced by attendance, interest, participation in clinical activities, and reading of appropriate literature in the area of Pediatric Rheumatology and special topic presentation by the student

- **Course name and number:** Pediatric Pulmonology (Touro Infirmary /Children's Hospital) PEDI 420 – Elective- Pulmonology.

#### **Faculty:**

Dr. Dean Edell

Dr. Steve Levine

**Duration:** 4 weeks

**Availability:** All blocks

**Number of students:** 2

#### **Objectives:**

To offer an in-depth exposure to pediatric Pulmonology with an emphasis on those aspects of Pulmonology

that are essential to the formation of a competent pediatrician. Means of Implementation:

The student will be under the supervision of the Pulmonary staff attending for that month. The student will function as a primary physician for outpatient and as a consultant for inpatient services for four weeks. The student is expected to participate and to take an active part in patient rounds, journal clubs, lecture series, chest x-ray rounds, and ongoing activities. In addition students will have the opportunity to learn about techniques for delivery of respiratory medications, airway clearance techniques, ventilators, multi-channel pneumograms, and pulmonary function studies."

**Method of Evaluation:**

Faculty evaluation of the student's progress as evidenced by attendance, interest, participation in clinical activities, and reading of appropriate literature in the area of Pediatric Pulmonology. The student will also be evaluated on a specific topic in Pulmonology to be discussed by the team. (Topic of student interest).

- **Course name and number:** Clinical Genetics and Metabolic Diseases (Touro Infirmary /Children's Hospital) PEDI 420-Elective-Clinical Genetics and Metabolic Diseases.

**Faculty:**

Dr. Michael Marble

**Duration:** 4 weeks

**Availability:** All blocks (check with preceptors)

**Number of students:** 2 per block

**Objectives:**

To teach the student basic techniques of evaluation, diagnosis, management and counseling of patients with genetic disorders including dysmorphic syndromes, congenital malformations and inborn errors of metabolism.

**Means of Implementation:**

- Attendance and participation in the genetics clinics at Children's Hospital and satellite clinics.
- Active participation in the evaluation of in-patient consultations. Study of new syndromes and interesting cases.
- Attendance at rounds, scheduled conferences and seminars.
- The option of preparing manuscripts for publications.
- Involvement in the metabolic laboratory with exposure to amino acid analysis, organic acid analysis by GC/MS and acylcarnitine profiling by HPLC.

**Method of Evaluation:**

Faculty evaluation of the student's progress as evidenced by attendance, interest, participation in clinical activities and reading of appropriate literature in the area of clinical genetics and metabolic diseases.

- **Course name and number:** Pediatric Infectious Diseases (Touro Infirmary /Children's Hospital) Pediatrics 420 Elective-Infectious Diseases.

**Faculty:**

Dr. Rodolfo Bague

**Duration:** 4 weeks

**Availability:** All blocks

**Number of students:** Two per 4-week block

**Objectives:**

The Infectious Diseases rotation will provide the Senior Student exposure to common infectious processes as seen by the pediatrician with emphasis on decision-making skills. Also, aspects of interest particular to the specialty will be introduced.

**Means of Implementation:**

The student will participate as an equal member of the team and will be under the direct supervision of faculty and infectious disease fellows. Activities include: morning report, daily inpatient rounds, mini-conferences, journal club, outpatient clinic (General Infectious Diseases, HIV, Tuberculosis, Traveler's Clinic), a short presentation to the division on a topic of interest, microbiology rounds, and city-wide conference..

**Method of Evaluation:**

The faculty supervisor will evaluate the student's progress based on interest, attendance, fund of knowledge, and initiative. The student will be requested to give a mini-conference to the division on a topic of interest.

- **Course name and number:** Nephrology (Children's Hospital) - Pediatrics 420 Elective-Nephrology.

**Faculty:**

Dr. Diego Aviles (Director)

Dr. Isa Ashoor

Dr. Caroline Straatmann

**Duration:** 4 weeks

**Availability:** All blocks

**Number of Students:** 1-2 per block

**Objectives:**

To provide the student with in-depth experience in common pediatric problems in the areas of pediatric nephrology, urology, fluid electrolyte management, and hypertension. To familiarize the student with common laboratory evaluation based on renal physiology.

**Means of Implementation:**

The student will participate in all clinical activities of the division under the supervision of the attending faculty member. These include outpatient clinics (three times a week), and daily inpatient rounds with special emphasis on teaching. The student is expected to assume an active role in patient care and will be given responsibility accordingly. In addition, the student will participate in weekly divisional meetings focusing on patient care, new research in the field, and other subjects of clinical interest. Those interested in chronic illness have an option of following and "sponsoring" a child on chronic dialysis.

**Method of Evaluation:**

The faculty supervisor will evaluate the student's progress based on interest, attendance, fund of knowledge, and initiative. The student will also be requested to give a short oral presentation to the division on a topic of interest during the last week of rotation.

- **Course name and number:** Adolescent Medicine – Pedi 420 – Elective -Adolescent Medicine.

**Faculty:**

Ryan H. Pasternak, MD, MPH

**Duration:** 4 weeks

**Availability:** September-May (with preceptor approval) **This course is not available in December.**

**Number of Students:** 1-2 per block

**Objectives:**

To develop core knowledge and skills in adolescent health care. Enhance the fundamental skills of history taking, physical examination and health related counseling taught in 3rd year clinical rotations; and develop understanding of how these skills differ when caring for adolescent patients. Develop understanding of the relationships between risk-behaviors, morbidity and mortality, and health care or public health interventions for adolescents.

**Means of Implementation:**

Students are assigned to adolescent focused outpatient clinics including: School Based Health clinics (middle and high schools), College Health Clinics, outpatient adolescent medicine specialty clinics, and on some occasion juvenile justice clinics if desired. Group and individual projects and assignments from appropriate adolescent health literature pertinent to the rotation are integral parts of this elective.

**Method of Evaluation:**

Faculty members will grade the participation in each clinic based on the student's attendance, interest, knowledge, clinical skills, and evidence of reading and utilizing the assigned literature and projects.

- **Course name and number:** Ambulatory General Pediatrics – Pedi 420 – Elective – General Pediatric Outpatient Clinics

**Faculty:**

Dr. Suzanne LeFevre  
Dr. Marcella Houser  
Dr. Amanda Dumas  
Dr Will Morgan  
Dr Greg Fulton

**Duration:** 4 weeks

**Availability:** September-May (with preceptor approval)

**Number of Students:** 1-2 per block

**Objectives:**

Responsibilities will include performing independent history and physical examinations, developing differential diagnoses and management plans, and discussing those with LSU Pediatrics faculty.

**Means of Implementation:**

Students will be assigned to daily outpatient pediatric clinics at the Tiger Care and Kids First Clinics

**Method of Evaluation:**

Faculty members will grade the participation in the clinic based on the student's attendance, interest, knowledge, clinical skills, and evidence of reading and utilizing the assigned literature and projects.

- **Course name and number:** Ambulatory General Pediatrics - Pedi 420 – Elective – Children's ER.

**Faculty:**

Dr. Jerrusa Aita-Levy  
Dr. Arturo Gastanaduy  
Dr. Raghubir Mangat  
Dr. Anna McFarlin

Dr. Raja Mouallem

**Duration:** 4 weeks **Availability:** All blocks

**Number of Students:** 1

**Objectives:**

Responsibilities will include performing independent history and physical examinations, developing differential diagnoses and management plans, and discussing those with LSU Pediatrics faculty.

**Means of Implementation:**

Students are assigned to a month of ER shifts in Children's Hospital Pediatric ER (approximately 16 8-hour ER shifts). Individual ER/clinic schedules are made 2-3 months in advance by the pediatric chief residents. There are no overnight ER shifts. Students will have 1-2 weekend shifts as part of their 8 ER shifts.

**Method of Evaluation:**

Faculty members will grade the participation in the ED based on the student's attendance, interest, knowledge, clinical skills, and evidence of reading the assigned literature.

- **Course name and number:** Ambulatory Pediatrics- Private Practice (New Orleans area) PEDI 420- Elective Pediatrics - Private Office.

**Faculty:**

Faculty/Private General Pediatrics

**Duration:** 4 weeks

**Availability:** All blocks (arrange individually with members of clinical faculty)

**Number of students:** 1 per block

**Objectives:**

This is a four-week elective designed to teach ambulatory pediatrics in private practice setting.

**Means of Implementation:**

The student will work with a pediatrician in a private pediatric practice. Participation in the care of patients in the hospital, office, and/or emergency room is expected.

**Method of Evaluation:**

Evaluation will be on a day-to-day basis while the student is performing assigned duties. The preceptor will evaluate the student's knowledge, skills, attitudes, and evidence of reading medical literature.

- **Course name and number:** Ambulatory General Pediatrics PEDI 420 Elective – General Pediatric Outpatient Clinics /Children's ER.

**Faculty:**

Dr. Raghubir Mangat

Dr. Marcella Houser

Dr. Amanda Dumas

**Duration:** 4 weeks

**Availability:** All blocks

**Number of Students:** one-two students per block. Students are assigned to two weeks of outpatient clinic at Tiger Care and to two weeks of ER shifts in Children's Hospital Pediatric ER (approximately 8 8-hour ER shifts during the 2 weeks).

**Objectives:**

Responsibilities will include performing independent history and physical examinations, developing differential diagnoses and management plans, and discussing those with LSU Pediatrics faculty.

**Means of Implementation:**

Students are assigned to two weeks of outpatient clinic at Tiger Care and to two weeks of ER shifts in Children's Hospital Pediatric ER (approximately 8 8-hour ER shifts during the 2 weeks). Individual ER/clinic schedules are made 2-3 months in advance by the pediatric chief residents and coordinator, Lanette Carroll. There are no overnight ER shifts. Students will have 1-2 weekend shifts as part of their 8 ER shifts

**Method of Evaluation:**

Faculty members will grade the participation in each clinic based on the student's attendance, interest, knowledge, clinical skills, and evidence of reading the assigned literature.

- **Course name and number:** Ambulatory General Pediatrics PEDI 420 Elective – Children's Subspecialty Clinics/Children's ER.

**Faculty:**

Dr. Jerrusa Aita-Levy  
Dr. Arturo Gastanaduy  
Dr. Raghubir Mangat  
Dr. Anna McFarlin  
Dr. Raja Mouallem

**Duration:** 4 weeks

**Availability:** September-May (with preceptor approval)

**Number of Students:** 1-2 per block

**Objectives:**

Responsibilities will include performing independent history and physical examinations, developing differential diagnoses and management plans, and discussing those with LSU Pediatrics faculty. Typical patient problems will be acute illnesses, well child visits, and acute problems in children with chronic illnesses.

**Means of Implementation:**

Students are assigned to two weeks of outpatient clinic at Children's Hospital and to two weeks of ER shifts in Children's Hospital Pediatric ER (approximately 10 8-hour ER shifts during the 2 weeks). Individual ER/clinic schedules are made 2-3 months in advance by the pediatric chief residents. There are no overnight ER shifts. Students will have 1-2 weekend shifts as part of their 10 ER shifts

**Method of Evaluation:**

Faculty members will grade the participation in each clinic and in the ED based on the student's attendance, interest, knowledge, clinical skills, and evidence of reading and utilizing the assigned literature and projects.

- **Course name and number:** Neonatal/Pediatric Critical Care (Children's Hospital) 420 Elective-PICU/NICU

**Faculty:**

Dr. Bonnie Desselle and other Pediatric Critical Care faculty

Dr. Brian Barkemeyer and other Neonatology faculty

**Duration:** 4 weeks

**Availability:** All blocks

**Number:** 2 per block

**Objectives:**

This elective is broken up into 2 consecutive 2 week sessions in the PICU and NICU. The student will be involved in the care of critically ill PICU and NICU patients with an emphasis on understanding relevant pathophysiology, especially as it applies to therapeutic interventions. In addition, there is an option to combine NICU and Wards or PICU and Wards.

**Means of Implementation:**

The student will take part in patient care with skills including physical exam, lab and radiology assessment, charting, patient rounds, and procedures when available. Students will be expected to have background knowledge of general pediatrics prior to enrolling in this block.

**Method of Evaluation:**

The student will be evaluated by daily observation from the attending physicians and pediatric residents. Evaluation will be based on attendance, clinical skills, attitude, and evidence of understanding relevant pediatric problems.

- **Course name and number:** 420 Elective - Pedi/EM Combined

**Faculty:**

Dr. Jerrusa Aita-Levy

Dr. Arturo Gastanaduy

Dr. Raghubir Mangat

Dr. Anna McFarlin

Dr. Raja Mouallem

**Duration:** 4 weeks

**Availability:** Blocks 1, 2 & 4

**Number:** 2 per block

The LSU Peds-EM combined visiting rotation is designed for students who are interested in the Peds-EM combined residency. It will introduce you to both the LSU Division of EM and the Department of Pediatrics. Students will spend 2 weeks at our busy downtown level 1 trauma center, the primary training site for our Emergency Medicine residency program. They will also spend 2 weeks at Children's Hospital rotating in the ER.