

PEDIATRICS (PEDI)

PEDI D605 - Pediatrics Clerkship (8 Credits)

An eight-week, eight-credit-hour required clerkship in the third year designed to provide a broad overview of general pediatrics. The clerkship consists of four weeks on a general pediatrics ward, including pediatric intensive care unit, and hematology/oncology service; two weeks in the outpatient pediatric clinic; one week in the newborn nursery and developmental pediatrics; and one week in subspecialty and community pediatrics. In the outpatient setting, students gain experience in the evaluation of patients with common pediatric disorders (e.g., pneumonia, behavioral problems, and gastroenteritis) and in the ambulatory management of complex pediatric disorders, as well as exposure to patients in the child abuse clinic. The inpatient setting provides experience in the full range of pediatric problems from routine pneumonia, croup, and dehydration to the rare and complex entities of congenital disorders and inborn errors of metabolism. In the newborn nursery, students develop skills in the basic newborn examination. During the developmental pediatrics rotation, students make home visits to families of children with special needs. Primary methods of instruction include lecture, problem-based learning, case-based discussion/presentation, clinical preceptorship, problem-solving exercises, home visit, independent learning experiences, conferences, small-group discussion, and teaching rounds. Modes of assessment include the Pediatrics NBME subject examination, a departmental written multiple choice/essay examination, clinical evaluations, an oral examination/presentation, and an Objective Structured Clinical Examination (OSCE). Demonstration of mastery of a prescribed set of clinical skills, included on the Clinical Skills Attainment Document, is required for successful completion of this clerkship.

PEDI D615 - Pediatric Inpatient/General Ward Acting Internship (AI) (4 Credits)

A four-week, four-credit hour required clerkship in the fourth year. Students are required to complete the Acting Internship (AI) in one of the following: Family Medicine, Internal Medicine, Pediatrics, Psychiatry, Obstetrics and Gynecology, or Surgery. The AI emphasizes basic generalist competencies, is predominantly an inpatient experience, and includes night call. Acting interns are essential members of the ward teams, although students' patient loads can be adjusted according to their aptitude. Some of the selectives also provide a minor amount of ambulatory clinical learning. The student has primary and direct responsibility for the continuing care of patients in the community or in one of the University of South Carolina School of Medicine programs at Palmetto Health Richland, the Dorn Veterans Affairs Medical Center, or the Greenville Hospital System University Medical Center. Alternatively, a student may elect to complete the AI as an extramural rotation but must have prior approval for this rotation from the USCSM AI director. The primary mode of instruction is clinical preceptorship. Other educational material may be presented via attending rounds, didactic lectures, subspecialty lectures, weekly grand rounds, resident case presentations, rounds with residents, clinical pathologic conferences, etc., and is dependent upon the specific rotation. Assessment will focus on core clinical skills, including, but not limited to, history and physical examinations, clinical decision making, case presentation, communication with patients, test selection and interpretation, and therapeutic decision making.

PEDI D616 - Pediatric Critical Care Acting Internship (AI) (4 Credits)

A four-week, four-credit hour required clerkship in the fourth year. Students are required to complete the Acting Internship (AI) in one of the following: Family Medicine, Internal Medicine, Pediatrics, Psychiatry, Obstetrics and Gynecology, or Surgery. The AI emphasizes basic generalist competencies, is predominantly an inpatient experience, and includes night call. Acting interns are essential members of the ward teams, although students' patient loads can be adjusted according to their aptitude. Some of the selectives also provide a minor amount of ambulatory clinical learning. The student has primary and direct responsibility for the continuing care of patients in the community or in one of the University of South Carolina School of Medicine programs at Palmetto Health Richland, the Dorn Veterans Affairs Medical Center, or the Greenville Hospital System University Medical Center. Alternatively, a student may elect to complete the AI as an extramural rotation but must have prior approval for this rotation from the USCSM AI director. The primary mode of instruction is clinical preceptorship. Other educational material may be presented via attending rounds, didactic lectures, subspecialty lectures, weekly grand rounds, resident case presentations, rounds with residents, clinical pathologic conferences, etc., and is dependent upon the specific rotation. Assessment will focus on core clinical skills, including, but not limited to, history and physical examinations, clinical decision making, case presentation, communication with patients, test selection and interpretation, and therapeutic decision making.

PEDI D620 - Pediatric Outpatient Externship (1-12 Credits)

The student will function as a member of the Pediatric outpatient team. He/she will spend time in the general Pediatrics clinic, which serves as a medical home for wellcare, acute and chronic pediatric medical issues. They may also rotate through various pediatric sub-specialty clinics. The student will be responsible for obtaining history and physical exams and participating in the health care of the patients seen in clinic. Clinic hours are 8:00 a.m. - 5:00 p.m., Monday-Friday. Attendance at the conferences which are required for Pediatric residents will also be required of the student participating in this elective. Evaluations will be based on subjective faculty critiques.

PEDI D623 - Pediatric Hematology/Oncology Outpatient Externship (1-12 Credits)

The student will participate in outpatient care of patients with hematologic/oncologic problems. The primary goal for the student is to develop a fundamental understanding of a broad base of common hematologic/oncologic disorders which can be expected to be encountered across the spectrum of medical specialties. Responsibilities will include initial history and physical examination of patients assigned, development of a treatment plan, and utilization of a multidisciplinary patient management approach when appropriate. Students will have the opportunity to participate in outpatient management in the various clinics including Sick Cell, Hemophilia (pediatrics and adult), and Neuro-oncology and Late Effects/Long Term Follow Up. The student will be expected to be an active participant in all appropriate conferences.

PEDI D624 - Neonatal Medicine Externship (1-12 Credits)

The student in this elective will function as a member of the medical staff providing care to infants in the Newborn Intensive Care Unit. The student will work under the supervision of the pediatric resident and neonatal faculty of the NICU. The student will be responsible for initial evaluation of babies admitted, including elicitation of history, performance of the physical exam and gestational age assessment, and writing of initial orders. Medical management including gaining experience in technical procedures will be part of the learning experiences. The student will work with the respiratory and nursing staffs to gain insights into these important areas of neonatal intensive care.

PEDI D626 - Developmental Pediatrics (1-12 Credits)

The student will function as a member of an interdisciplinary team evaluating children and working with the parents of children having varied developmental problems. This rotation will provide the student with an opportunity to observe and interact with other professionals (psychologists, social workers, special educators, speech language pathologists, physical and occupational therapists, etc.), as they evaluate and plan treatment for children with a wide array of special needs. Some time will also be spent visiting and learning about community resources available to children with special problems.

PEDI D627 - Pediatric Endocrinology (1-12 Credits)

The student will help evaluate children with endocrine disorders and diabetes. The student will participate in patient care (private office, outreach clinics, inpatient consultation), possible Journal Club, along with basic science and/or clinical project discussion. Grade evaluation will be based on satisfactory clinical performance.

PEDI D628 - Clinical Pediatric Externship (1-12 Credits)

Student will observe and participate in day-to-day routine of a working pediatric practice. Activities will include hospital rounds (primarily at Lexington Medical Center), episodic and well care visits to a pediatrician's office and an introduction to the non-medical aspects of office management. One weekend morning and no night call.

PEDI D636 - Pediatric Cardiology Externship (1-12 Credits)

The cardiology elective consists of several distinct areas of service; general inpatient, PICU, NICU, newborn nursery services, and outpatient clinics, particularly the CRS Clinic and private patients seen in the Pediatric Cardiologist Office. The student will spend time in these areas with daily rounds on all of the hospitalized patients. The EKG's, echocardiograms, chest x-rays, and other procedures on each patient will be reviewed. The student will be expected to interpret the EKG's and echocardiograms along with the pediatric cardiologist. The student will attend the CRS Pediatric Cardiology clinics and selected outreach clinics. The student will also attend the private clinics in the Pediatric Cardiology Department. In this setting, the history/physical examination and the diagnosis of congenital heart disease will be emphasized. At the end of the elective, the student will have a good working basic knowledge of pediatric cardiology.

PEDI D637 - Pediatric Emergency Medicine (1-12 Credits)

The objectives of this course are to introduce the student to the principles of emergency medicine as applied to infants and children. Clinical emphasis will be placed on treating: acute febrile illnesses, respiratory distress, wound management, orthopaedics, toxicology, critical care, and pre-hospital care. Administrative principles of emergency medicine will also be taught, such as use of consultants, COBRA/EMTALA, and multiple patient management. Five hours of lectures are presented weekly to reinforce important concepts. Other educational opportunities include online lectures, simulation labs, and toxicology workshops.

PEDI D638 - Pediatric Hem/Onc Externship (1-12 Credits)**PEDI D640 - Office Practice Pediatrics (1-12 Credits)****PEDI D641 - Pediatric Pulmonology (1-12 Credits)****PEDI D642 - Pediatric Infectious Disease (1-12 Credits)****PEDI D643 - Child Abuse Pediatrics (1-12 Credits)**

The student will function as a member of a multidisciplinary team evaluating children suspected of having been physically or sexually abused or neglected. This rotation will provide the student the opportunity to observe and interact with other professionals (psychologists, forensic interviewers, therapists, law enforcement investigators, social workers, attorneys) as they work together to determine the truth about what has happened to a child, and to formulate plans for treatment of the child and the family.

PEDI D644 - Pediatric Neurology (1-12 Credits)**PEDI D646 - Pediatric Quality and Patient Safety (1-12 Credits)****PEDI D648 - Pediatric Palliative Care (1-12 Credits)****PEDI D649 - Pediatrics - Private Practice (1-12 Credits)**

Interview, examine, and treat patients in general pediatrics, including well child evaluations, ADHD, acute infectious processes, and newborn nursery.

PEDI D650 - General Pediatrics (1-12 Credits)

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PEDI D660 - Neonatal Care (1-12 Credits)**PEDI D671 - Pediatric Surgery (1-12 Credits)****PEDI D672 - Neonatal Intensive Care (1-12 Credits)**

The content of this course is designed to present to the student the essential aspects of premature and sick newborn care. Students will get the opportunity to attend high risk deliveries. He/She will be assigned several new patients in the NICU and will be responsible for completing a history, physical, and maturity assessment on each. He/She will observe and participate in special treatment procedures performed on his/her patients, e.g., intravenous and intra-arterial catheter insertions, nasal continuous positive airway pressure, mechanical ventilation procedures, endotracheal intubations and resuscitation. In addition, the student may attend a weekly follow-up clinic for those infants discharged from the NICU. He/She will be responsible for talking with the infant's parents with guidance from the attending. He/She will make work rounds with the house staff and teaching rounds with the attending physician daily and will participate in all regularly scheduled neonatal and perinatal conferences.

PEDI D673 - Adolescent Elective (1-12 Credits)

M-IV Students will have the opportunity to work at the Student Health Center at Furman University evaluating patients with a variety of acute physical complaints as well as chronic medical and/or emotional conditions. Students can expect to encounter patients with acute infectious disease, sexually transmitted diseases, orthopedic injuries, anxiety disorders, learning disorders, depression and eating disorders. Students will also be expected to complete assigned readings and a series of questions testing their knowledge of common problems encountered in the adolescent population.

PEDI D674 - Ambulatory Pediatrics (1-12 Credits)

This elective is designed for the student who desires exposure to the ambulatory aspects of pediatric practice. Experience will be gained in well child care, behavioral pediatrics, and acute illnesses. The student will participate in daily morning rounds and teaching conferences. Emphases will be placed on interview techniques, parenting concepts, principles of preventive health care, and the diagnosis, differential diagnosis, treatment principles and follow-up care of common acute pediatric illnesses.

PEDI D675 - Pediatric Hematology/Oncology (1-12 Credits)

This rotation will introduce the student to clinical pediatric hematology/oncology. About half the course will consist of learning about hospitalized patients and the other half learning about outpatient pediatric hematology/oncology, especially consultative work. The student can expect to learn about the comprehensive care of children with chronic hematology or oncology diseases, including the psychosocial aspects of their diseases. The student will work primarily with clinical pediatric hematologist/oncologists, but also with other members of the medical team including clinical nurse specialists, social workers, child life specialists, etc., in developing knowledge about the management of these complex problems. The student will attend any conferences or lectures given by the pediatric hematology/oncology staff during this one month period and will have opportunity to use the microscope as much as desired. There will also be opportunity to study a particular patient or topic in-depth if desired by the student.

PEDI D676 - Pediatric Cardiology (1-12 Credits)**PEDI D677 - Pediatric Gastroenterology/Nutrition (1-12 Credits)**

Student will attend the outpatient pediatric gastroenterology visits scheduled in the Center for Digestive Health at Patewood Campus of GHS. Typically, patients are seen from 8 am to 4 pm M-TH. Student will also be invited to attend outpatient GI procedures on any of the three procedure days, performed in the Outpatient GI Lab at the Patewood campus. At their discretion, the student will have the option to spend some of the rotation doing inpatient consultation afternoons with the on-call gastroenterologist. The rotation will be primarily an observed experience, where the student will observe outpatient visits. Time can be arranged to attend outpatient visits with the pediatric dietitian as well. In addition, the student will be asked to prepare a topic review (or an equivalent academic pursuit) on an appropriate pediatric gastroenterology topic of their choosing to enhance the learning experience.

PEDI D678 - Pediatric Infectious Disease (1-12 Credits)

Students will participate in care of children with a wide range of infectious disease processes in both inpatient and outpatient setting. Students will participate in direct patient care and one-on-one instruction. Exposure to the clinical microbiology lab and library research techniques will also be a component of this elective.

PEDI D680 - Pediatric Pulmonology (1-12 Credits)

The student will work with the pediatric pulmonologist assessing patients with acute and chronic medical conditions, including but not limited to asthma, recurrent upper and lower respiratory disease, cystic fibrosis and bronchopulmonary dysplasia. The elective will allow the student to independently evaluate a patient before reviewing the patient with the supervising physician. During this elective the student will become more aware of the spectrum of medical conditions treated by a pediatric pulmonologist and may also have the opportunity to observe patients undergoing bronchoscopy.

PEDI D681 - Pediatric Medicine (1-12 Credits)

The Greenville Hospital System Office of Student Services is pleased to offer elective opportunities for senior medical students interested in Med-Peds. Electives are available for students in the inpatient or outpatient setting in the following areas: General medical and pediatric wards, adult and pediatric intensive care, and subspecialty electives in medical or pediatric settings. We do require that students have completed core clerkships in both internal medicine and pediatrics. Electives can be taken as month long blocks of adult or pediatric medicine, or students may arrange for a combined 4 week rotation with 2 weeks of adult and 2 weeks of pediatric experience. Month long rotations with our Med-Peds hospitalist group in Greer are possible when one of our Med-Peds residents is there on rotation. If our residents are not rotating at Greer Memorial during the time you would like to visit, we can make arrangements for you to visit the hospital for a day and meet the Med-Peds faculty there. Students are also encouraged to attend all of our Med-Peds specific activities such as Med-Peds noon conference, combined case conference or evening journal club. During your rotation, you are also encourage to meet with Dr. Kolarik, our program director and Kelli DaSilva, program coordinator (864) 455-7844, to ensure that your time with us is as productive, informative and enjoyable as possible.

PEDI D682 - Pediatric Newborn Nursery (1-12 Credits)

This rotation provides your best opportunity to learn about comprehensive care of the newborn. Our average daily census on the Pediatric Teaching Service is 23 babies, and we accept newborns at or above 35 weeks' completed gestational age. Each month, common diagnoses in our newborn population typically include heart murmurs, drug exposure, ABO incompatibility, jaundice, minor birth defects, tachypnea, and high-risk social situations. Every couple of months we also see clavicle fractures, Erb's palsy, Down syndrome, developmental hip dysplasia, cleft palate, hypospadias, and other less common newborn physical findings. Students may additionally learn circumcision skills on this rotation if they so choose; pediatricians perform all circumcisions at our institution.

PEDI D683 - Pediatric Hematology/Oncology (1-12 Credits)

This rotation will allow 3rd year medical students to participate in the care of hematology and oncology patients in the hospital and clinic settings. Under the guidance of an attending hematologist/oncologist, the medical student will shadow and observe direct clinical care of pediatric hematology/oncology patients. By rotation end, they will perform history and physical exams; interpret basic laboratory tests; review peripheral blood and bone marrow aspirate smear; and participate in the planning of comprehensive whole-family care that is the hallmark of the pediatric hematology/oncology team, which consists of physicians, nurse practitioners, nurses, child life, chaplains, social workers and psychologists. Furthermore, the student will be expected to give a brief review of relevant hematology/oncology topics on a weekly basis. Also, bedside teaching occurs during rounds and during clinic visits, so that the student's exposure to most of the common disorders in hematology/oncology will be complete.

PEDI D684 - Pediatric Critical Care (1-12 Credits)

The student is required to have completed the pediatric clerkship prior to taking this elective. The student will function as a member of the pediatric resident team in the pediatric intensive care unit. The purpose of the rotation is to provide students with an introduction to the evaluation and care of critically ill children. Educational material is presented via bedside didactic rounds and guided reading of the PICU notebook, a compilation of relevant critical care articles, etc. No night call is required. The Pass/Fail evaluation is based on subjective faculty critique.

PEDI D685 - Pediatric Lactation Elective (1-12 Credits)

Working in the Newborn Nursery provides your best opportunity to learn about the mechanics of breastfeeding. We currently have a team of lactation consultants who round on breastfeeding mothers daily. You should utilize them as a resource and resist the temptation to give feeding advice to breastfeeding mothers until you feel confident that it is appropriate and consistent with what they recommend.

PEDI D686 - Pediatric Neurology (1-12 Credits)

The student will be exposed to outpatient pediatric neurology, including patients with epilepsy, headache, developmental delays, and other neurologic disorders. They will review neuroanatomy, neuropharmacology, and the neurologic exam in children. They will accompany the neurologist and will be allowed to initially evaluate the patient (for M4's). They will be exposed to commonly used neurologic diagnostic tests, eg. EEG, MRI, NCV.

PEDI D688 - Community Hospital Inpatient and Urgent Care Pediatrics (1 Credit)

PEDI D689 - Developmental-Behavioral Pediatrics (1-12 Credits)

This 4-week medical student rotation in Developmental-Behavioral Pediatrics will provide an introduction to this subspecialty that focuses on the development of young children and the biological and environmental factors that can influence behavior and development. The student will observe the evaluation and management of children with developmental and behavioral concerns in an outpatient clinical setting and will have the opportunity to interact with members of the multidisciplinary team that includes physicians, psychologists, nurse practitioners, social workers and nurses. There will also be opportunity to learn about the outreach efforts and collaborative projects with community agencies that are focused on promoting healthy child development.

PEDI D690 - Clinical Pediatrics (4-12 Credits)

PEDI D691 - Clinical Pediatrics Ex (1-12 Credits)

PEDI D692 - Clinical Pediatrics Ex II (1-12 Credits)

PEDI D693 - Clinic Pediatrics Ex III (1-12 Credits)

PEDI D694 - Med-Peds Acting Internship (2-12 Credits)

PEDI D695 - Pediatric AI Extramural (4 Credits)

PEDI D697 - Pediatric Urology (1-12 Credits)