

PEDIATRICS (PEDI)

PEDI G601 - PCAT Pediatrics Clerkship Part 1 (3 Credits)

The Pediatrics Clerkship serves as an introduction to general pediatrics. In addition to gaining specific knowledge of common pediatric pathologies, the student will refine skills in obtaining an accurate history from the patient and family, performing a physical exam on pediatric patients, and developing appropriate diagnosis and management plans. Students will have exposure to multiple pediatric conditions, both acute and chronic, newborn care, well child care, adolescent health maintenance, safety and prevention, and exposure to a patient centered medical home. Special attention is paid to the role physical, cognitive, emotional, and developmental stages play in pediatric medicine. The core of this initial pediatric experience takes place in primary care clinics, subspecialty clinics, and the newborn nursery. Students will take the Pediatric Objective Structured Clinical Evaluation (OSCE).

PEDI G700 - Pediatrics Clerkship (6 Credits)

The Pediatrics Clerkship has been developed to serve as an introduction to general pediatrics. In addition to gaining specific knowledge of common and classic pediatric pathologies, the student will refine skills in obtaining an accurate history from the patient and family, performing a physical exam on pediatric patients, and developing appropriate diagnosis and management plans. Students will have exposure to multiple pediatric conditions, both acute and chronic, newborn care, well child care, adolescent health maintenance, safety and prevention, and exposure to a patient centered medical home. Special attention is paid to the role physical, cognitive, emotional, and developmental stages play in pediatric medicine. The core of this experience takes place on the pediatric inpatient service, at the Center for Pediatric Medicine, and the Newborn Nursery. Students will also be exposed to subspecialty pediatric services, community-based private pediatric practices, NICU, and Pediatric Emergency Medicine. The conclusion of the clerkship will include assessments via the Pediatrics NBME subject examination and an Objective Structured Clinical Evaluation (OSCE).

PEDI G701 - Clerkship Completion (0 Credits)

This course allows completion of required M-III Clerkships where normal enrollment for those courses crosses academic years. It is valued at zero credits to reflect enrollment, but all graded material is taken into account in the G700 clerkship grade. Successful completion of required hours results in a passing grade.

PEDI G702 - Pediatrics Clinical Skills Remediation (1-8 Credits)

This course is assigned to students who are required to remediate their clinical performance in a given clerkship / AI / elective (M3 or M4 year). Enrollment in this course will allow students to receive a clinical schedule and capture clinical performance evaluations for their required remediation in a clinical department.

PEDI G710 - Pediatric Hematology/Oncology Elective (2 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 G715 - Pediatric Neurology Elective (2 Credits)

The Pediatric Neurology elective is designed to expose the 3rd year student to a wide range of common neurologic problems of childhood, including epilepsy, headache, cerebral palsy, developmental delay, and tics. The student will work one-on-one with the pediatric neurologist in the outpatient setting. Students will learn the basics of taking the neurologic history and performing the neurologic examination.

PEDI G720 - NICU Elective (2 Credits)

This elective will present the student with the essential aspects of premature and sick newborn care. Students will have 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 G725 - PICU Elective (2 Credits)

The purpose of the rotation is to provide students with an introduction to the evaluation and care of critically ill children. The student will function as a member of the pediatric team in the pediatric intensive care unit. Students will be expected to admit and work up patients assigned to them by the senior resident or PICU attending. These patients will be followed on a daily basis by the student. Students should be able to discuss the patient's diagnosis and management plan under the supervision of a pediatric senior resident and the PICU attending. 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.

PEDI G730 - Pediatric Pulmonology Elective (2 Credits)

The course offers firsthand experience with pediatric lung disease. Students will see new patients as often as possible, either independently commensurate with their abilities and prior experience and precept with attending faculty, or work with faculty initially in a shadowing role, striving to become capable of more independent patient interactions. This is the most effective way to broaden differential diagnostic skills, develop a basic understanding of subspecialty evaluation and treatment plans, and gain a familiarity with the variety of patients commonly referred for potential respiratory problems. Students will also be free to round with providers in the inpatient setting, perform interesting and educational new inpatient consults, and attend flexible bronchoscopy cases as schedules and individual interests may allow.

PEDI G735 - Pediatric Sleep Medicine Elective (2 Credits)

Students will receive exposure to common respiratory and nonrespiratory sleep disorders which effect pediatric patients including but not limited to the following: obstructive sleep apnea, restless leg syndrome, narcolepsy, behavioral insomnia of childhood, circadian rhythm disorders, parasomnias, nocturnal enuresis, nocturnal seizures, periodic limb movement disorder. Students are expected to see patients in the clinic, present new patients to the attending, and shadow follow-up patients. Students will be expected to present on a topic of interest toward the end of the rotation. Students will spend at least one evening in the pediatric sleep lab to understand patients experiencing the pediatric sleep, this will be a 2 to three-hour experience. The student will also sit with a sleep medicine specialist while interpreting interpreting 1-2 polysomnograms. Evaluation will be based on enthusiasm, professionalism and how well the student meets the expectations of the rotation.

PEDI G745 - Pediatric Community/Private Practice Elective (2 Credits)

The focus of this elective is for the medical student to gain exposure to the practice of general pediatrics in a community setting. Students will see a variety of pediatric patients from birth to age 21 for well child care, continuing care for chronic medical issues, and acute sick visits. The well care includes check-ups, sports and college physicals, developmental screenings, behavioral management, parenting, anticipatory guidance, and immunizations. The student will get an understanding of a Medical Home for Children by seeing how children with chronic issues such as asthma, obesity, ADHD, depression, and a variety of other issues, are care for in a comprehensive manner. The acute sick visits include patients with fever, respiratory difficulties, gastrointestinal illnesses, unusual rashes, minor traumas, and a plethora of other issues. The student will also be able to see how a pediatric practice functions by observing how the practice manager, clerical, and nursing staff perform their various duties. The student may also have the opportunity to round with an attending in the nursery at either GMH or Greer. The goal of this elective is for the medical student to have not only an overview of general pediatric practice but also to have an understanding of the challenges and rewards that come with providing comprehensive medical care for pediatric patients.

PEDI G750 - Pediatric Nephrology (2 Credits)

Students will participate in care of children with pediatric nephrologic conditions likely to include urinary tract infections, vesicoureteral reflux, chronic kidney disease, nephritic & nephrotic syndromes and hypertension, as well as patients being screened for underlying pathological causes of hematuria, proteinuria and hypertension. While most of the experience will be in the outpatient setting, there may be an opportunity for an inpatient experience depending on consultations received during the 2 week block.

PEDI G755 - Pediatric Cardiology (2 Credits)

The medical student is expected to actively observe the evaluation, assessment, and disposition of pediatric cardiology patients.

PEDI G760 - Pediatric Gastroenterology (2 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 observational experience, where the student will observe outpatient visits. Time can be arranged to attend outpatient visits with the pediatric dietitian as well.

PEDI G765 - Pediatric Allergy Immunology (2 Credits)

Students will participate in care of children (and occasionally adults) with a wide range of allergic and other immunologic disease processes in a busy outpatient setting. Students will participate in direct patient care and one-on-one instruction. Students may be given written questions and quizzes to answer during the rotation as well as various high-yield articles of clinically significance in allergy and immunology to review during their self-directed learning.

PEDI G770 - Pediatric Palliative Care (2 Credits)

This course provides opportunities to develop knowledge and skills in the comprehensive care of patients and their families during various stages of life-limiting illness. Students will be partnered with the palliative care team in the inpatient setting. Students will identify periods of transition in illness, as well as appropriate interventions. Communication skills, decision-making, care coordination, family support interventions and management of symptoms will be emphasized. The course will include didactic and clinical time with members of the interdisciplinary team (physicians, nursing, psychology, chaplaincy, child-life specialists). Students will engage in assessment, management recommendations for, and follow-up of patients, as well as a range of activities examining the clinical, ethical and research aspects of comprehensive palliative and end-of-life care. This elective is typically Monday through Friday during the day – night call is not required.

PEDI G775 - Pediatric Infectious Disease (2 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.

PEDI G780 - Developmental-Behavioral Pediatrics (2 Credits)

This 2 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 G785 - Pediatric Rheumatology (2 Credits)

Working in the pediatric rheumatology office allows the best exposure to the typical diseases and pathophysiology encountered by a pediatric rheumatologist. Inpatient consultation may also provide some exposure to these diseases. Students are expected to attend the outpatient pediatric rheumatology visits scheduled at the Patewood campus. Typically, patients are seen from 7:30 am to 5:00 pm on Monday / Tuesday / Thursday, from 7:30 - 12:30 on Wednesday, and from 8:30 - 12:30 on Friday. Students may leave clinic as needed to attend any required lunch lectures. If there are joint injections scheduled during the rotation then students may observe the procedures which take place at the main GMH campus on Wednesday afternoons. If desired, students may accompany faculty to the GMH main campus hospital for any inpatient consults that occur during the elective. Consult patients are also seen in the afternoons. The rotation will be primarily an observational experience. There are no overnight or weekend responsibilities. Because the clinic patient volumes are lower compared to other specialties, the student will be asked to prepare two short overview talks (one per week). One talk should cover JIA, the most common rheumatologic condition in childhood, and the second topic can be chosen based on the student's interests.

PEDI G800 - Pediatric Wards Acting Internship (4 Credits)

This rotation is a four-week inpatient experience. Students will be assigned to one of the pediatric teaching services and serve as an active team member. Students will act as the primary physician for their assigned patients, under the direct supervision of an upper level pediatric or medicine-pediatric resident. Responsibilities will include admission and initial management of patients, daily rounding and discharge planning for established patients, observation of and participation in procedures on their patients, and transition of care communication for sign out and cross cover. Clinical learning will be supplemented by lectures, small group sessions, and self-directed learning. Students will take in-house call with their team every fourth night.

PEDI G801 - Neonatal Intensive Care Unit Acting Internship (4 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 G802 - Pediatric Intensive Care Unit Acting Internship (4 Credits)

The purpose of the rotation is to provide students with an introduction to the evaluation and care of critically ill children. The student will function as a member of the pediatric team and the primary / lead physician for their patient in the pediatric intensive care unit. Students will be expected to admit and work up patients assigned to them by the senior resident or PICU attending. These patients will be followed on a daily basis by the student. Students should be able to discuss the patient's diagnosis and management plan under the supervision of a pediatric senior resident and the PICU attending. Educational material is presented via bedside didactic rounds and guided reading of the PICU notebook, a compilation of relevant critical care articles, etc. Night call will follow resident schedule.

PEDI G810 - Adolescent Medicine (2 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 G811 - Interprofessional Elective in Pediatrics (2 Credits)

This elective is designed to provide exposure to interprofessional disciplines in pediatrics including speech therapy, occupational therapy, physical therapy, respiratory therapy, child life and social work. During the two week elective, students will spend 1-2 days with representatives from these interprofessional disciplines. Typical days on the elective will be up to 8-5 and will not involve call or weekend duties. The student will be expected to participate in the evaluation/therapy sessions with patients, in diagnostic procedures performed by these teams and in communication back to the primary medical team. Inpatient services may be provided in the general wards, surgical ward, hematology/oncology or ICU settings. Depending on student interest, there may be an opportunity to work with interprofessionals focusing on subspecialties such as pulmonology/CF, gastroenterology, etc. This experience will improve student understanding of the evaluations and management of patients by these professionals and their role in the interprofessional team. They will also have the opportunity to evaluate communication between the consulted service and the primary medical team.

PEDI G812 - Pediatric Complex Care (2 Credits)

This elective rotation for 4th year medical students will serve as an introduction to the acute and maintenance care of the special needs child. Students will have the opportunity to work at the Ferlauto center where they will work with an attending in a single panel, multidisciplinary clinic with nursing, case management, and a dietician. Students will participate in direct patient care. Students can expect to encounter patients with a variety of chronic medical conditions such as cerebral palsy, seizures, hydrocephalus, chronic lung disease, congenital heart disease, metabolic syndrome, genetic conditions, and extreme prematurity. Students will develop comfort with interviewing and examining patients with needs that include gastrostomy tubes, tracheostomy tubes, central lines, ventilators, prosthesis, and other assistive devices in the outpatient setting.

PEDI G813 - Allergy Immunology (2 Credits)

Students will participate in care of children (and occasionally adults) with a wide range of allergic and other immunologic disease processes in a busy outpatient setting. Students will participate in direct patient care and one-on-one instruction. Students may be given written questions and quizzes to answer during the rotation as well as various high-yield articles of clinical significance in allergy and immunology to review during their self-directed learning.

PEDI G814 - Pediatric Palliative Care (2 Credits)

This course provides opportunities to develop knowledge and skills in the comprehensive care of patients and their families during various stages of life-limiting illness. Students will be partnered with the palliative care team in the inpatient setting. Students will identify periods of transition in illness, as well as appropriate interventions. Communication skills, decision-making, care coordination, family support interventions and management of symptoms will be emphasized. The course will include didactic and clinical time with members of the interdisciplinary team (physicians, nursing, psychology, chaplaincy, child-life specialists). Students will engage in assessment, management recommendations for, and follow-up of patients, as well as a range of activities examining the clinical, ethical and research aspects of comprehensive palliative and end-of-life care. This elective is typically Monday through Friday during the day – night call is not required.

PEDI G815 - Advanced Focus in Ambulatory Pediatrics (4 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. Services Provided at CPM are: well child exams & health supervision, childhood immunizations & flu shots, same day appointments for sick children, care of chronic illnesses (i.e. asthma, diabetes), Attention Deficit Hyperactivity Disorder, sports physicals, pre-op dental physicals, developmental delays, behavioral issues, adolescent issues, Teen-mom program, Healthy Lifestyles, nutritional counseling.

PEDI G817 - Pediatric Inpatient Elective (2 Credits)

This course is a 2 week inpatient elective experience that does not include call. It is intended for students interested in improving skill and knowledge around admission, evaluation, management and disposition of patients in the inpatient pediatric setting. This rotation builds on the inpatient experience of the clerkship and offers the student additional opportunity to act as the primary physician for their assigned patients under the direct supervision of an upper level resident. Responsibilities will include admission and initial management of patients, daily rounding and discharge planning for established patients, observation of and participation in procedures on their patients, and transition of care communication for sign out and cross cover. Students taking the 4 week acting internship are not eligible to take this elective.

PEDI G818 - Pediatric Pain Medicine (2 Credits)

This 2-week rotation elective provides exposure to predominantly chronic and cancer pain patients. Clinical experience and didactics are under the supervision of the Director of Pediatric Pain Medicine. Medical students see pain patients predominantly at Pediatric Pain Clinic, Patewood Memorial Hospital, Patewood Outpatient Surgical Center, Kidnetics/Center for Developmental Services, Children's Hospital of Prisma Health-Upstate.

PEDI G819 - Focus in Ambulatory Pediatrics (2 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. Services Provided at CPM are: well child exams & health supervision, childhood immunizations & flu shots, same day appointments for sick children, care of chronic illnesses (i.e. asthma, diabetes), Attention Deficit Hyperactivity Disorder, sports physicals, pre-op dental physicals, developmental delays, behavioral issues, adolescent issues, Teen-mom program, Healthy Lifestyles, nutritional counseling.

PEDI G820 - Developmental-Behavioral Pediatrics (2-4 Credits)

This 2 or 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 G825 - Forensic Pediatrics (2 Credits)

This elective rotation for 4th year medical students will serve as an introduction to the many facets of child abuse evaluation to include: inpatient consults, outpatient evaluation for child sexual abuse, multidisciplinary staffing, forensic interviewing, legal responses and the evaluation and care of children in foster care.

PEDI G828 - Focus in Newborn Nursery (2 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; we care for 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 will learn to perform routine circumcision during this rotation.

PEDI G830 - Advanced Focus in Newborn Nursery (4 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; we care for 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 will learn to perform routine circumcision during this rotation and are expected to be proficient by rotation end.

PEDI G835 - Pediatric Cardiology (2 Credits)

The medical student is expected to actively observe the evaluation, assessment, and disposition of pediatric cardiology patients. The rotating medical student will, at a minimum, read the chapter on pediatric cardiology in Nelson's Textbook of Pediatrics or Rudolph's Pediatrics (current edition) OR the collection of articles located on the Pediatric Cardiology Wiki Site (available from Dr. Malpass).

PEDI G840 - Pediatric Endocrinology (4 Credits)

Students will work with experienced pediatric endocrinologist in evaluation and management of patients with diabetes and variety of pediatric endocrine disorders. They will be expected to observe and participate in history, PE, assessment, laboratory evaluation, and treatment plan. Reading material will be provided on patients seen that session if desired by student. Review articles can be accessed through the Division's Wiki: <http://ghspedendo.pbworks.com/w/page/85105726/Welcome%20to%20Pediatric%20Endocrinology>.

PEDI G845 - Pediatric Gastroenterology (2-4 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 observational experience, where the student will observe outpatient visits. Time can be arranged to attend outpatient visits with the pediatric dietitian as well.

PEDI G850 - Pediatric Hematology/Oncology (4 Credits)

The course will provide 4th year medical students extensive exposure to the diagnosis and management of hematologic disorders and malignant diseases during childhood. Student can expect to become an integral member of comprehensive care team of children with chronic hematology and oncology diseases (including the psychosocial aspects of their diseases) in the hospital and clinic settings. The student will perform history and physical exams; interpret basic laboratory tests; review peripheral blood; 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. By the end of the rotation, the student is expected to be able to better evaluate the child with anemia, leukopenia, or thrombocytopenia, and learn how common malignant disorders first present to the pediatrician. The student will also learn the complications of therapy and the effects on the immune system of these diseases and their treatments. He or she should be comfortable in evaluating a peripheral blood smear for more common disorders such as iron deficiency, sickle cell disease and mononucleosis. Furthermore, the student will be expected to give a brief review of relevant hematology/oncology topic prior to completion of the rotation. The student will attend pediatric morning report, pediatric grand rounds and tumor board presentations during their rotation.

PEDI G855 - Pediatric Infectious Disease (2 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. Students will prepare a short presentation focused on answering a specific clinical question using primary literature sources.

PEDI G860 - Pediatric Centering Elective (longitudinal) (4 Credits)

This elective represents a unique opportunity for students to develop longitudinal pediatric relationships spanning the first year of life. The student will be an active participant in the Pediatric Centering program in which a group of infants and their parents meet together with a facilitator (NP or MD) for their 2wk, 2mo, 4mo, 6mo, 9mo, and 12mo well child visits. During these group visits, the student will assist the facilitator with clinical assessments / exams as well as discussions of developmental milestones and routine infant care. The often lively discussions in these groups offer a spectrum of the common parenting questions encountered by the general pediatrician. Over the course of the year, students will be expected to attend at least 4 visits with each of their 2 assigned groups. Each visit will require ½ day and the student will need to be excused from other clinical duties for that time. Due to the longitudinal nature of the elective, the student must commit to making himself/herself available during their groups' scheduled visits. The course coordinator can assist with notification of other rotations but the student must provide the dates prior to the start of each block. Additionally, students are expected to read the Pediatric Centering book provided by the clinic and the appropriate age section in Bright Futures prior to the visit. Finally, the student will take on the role of primary provider in the health maintenance for their panel of patients. Under the direction of the facilitator, the student will perform periodic chart review for sick visits, mommy calls, ER visits and hospitalizations, and specialist follow-ups.

PEDI G865 - Pediatric Nephrology (2-4 Credits)

Students will participate in care of children with pediatric nephrologic conditions likely to include urinary tract infections, vesicoureteral reflux, chronic kidney disease, nephritic & nephrotic syndromes and hypertension, as well as patients being screened for underlying pathological causes of hematuria, proteinuria and hypertension. While most of the experience will be in the outpatient setting, there may be an opportunity for an inpatient experience depending on consultations received during the 2 week block.

PEDI G870 - Pediatric Neurology (2-4 Credits)

The student will be exposed to outpatient pediatric neurology, including patients with epilepsy, headaches, developmental delay, tics, cerebral palsy, 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. They will be exposed to commonly used neurologic diagnostic tests, including EEG, MRI, and Nerve conduction studies.

PEDI G875 - Pediatric Pulmonology (4 Credits)

Welcome to the division of pediatric pulmonary medicine at Greenville Health System and Children's Hospital! We are very happy to welcome medical students on rotations with us, and look forward to the time you spend in clinic and in the hospital. We currently see patients in clinic every day except Friday afternoons typically. Every Tuesday morning we have CF clinic which includes multidisciplinary involvement of our nutritionist, social worker, and child life specialist. Typically several providers will be in clinic each day, including our nurse practitioner (who will see her own patients without residents or students). Our clinic schedule typically begins on a daily basis around 8:30 and it is expected that students will arrive in a timely fashion when free of other obligations such as required conferences, didactic lectures, or other events and meetings.

PEDI G880 - Pediatric Rheumatology (2 Credits)

Working in the pediatric rheumatology office allows the best exposure to the typical diseases and pathophysiology encountered by a pediatric rheumatologist. Inpatient consultation may also provide some exposure to these diseases. Students are expected to attend the outpatient pediatric rheumatology visits scheduled at the Patewood campus of GHS. Typically, patients are seen from 8:30 am to 12:30 pm Monday – Friday but students may leave clinic early to attend any required lunch lectures. If there are joint injections scheduled during the rotation then students may observe the procedures which take place at the main GHS campus in the afternoons. If desired, students may accompany faculty to the GHS main campus hospital for any inpatient consults that occur during the elective. Consult patients are also seen in the afternoons. The rotation will be primarily an observational experience. There are no overnight or weekend responsibilities. Because the clinic patient volumes are lower compared to other specialties, the student will be asked to prepare two short overview talks (one per week). One talk should cover JIA, the most common rheumatologic condition in childhood, and the second topic can be chosen based on the student's interests.

PEDI G885 - Pediatric Sleep Medicine (2 Credits)

Students will receive exposure to common respiratory and nonrespiratory sleep disorders which effect pediatric patients including but not limited to the following: obstructive sleep apnea, restless leg syndrome, narcolepsy, behavioral insomnia of childhood, circadian rhythm disorders, parasomnias, nocturnal enuresis, nocturnal seizures, periodic limb movement disorder. Students are expected to see patients in the clinic, present new patients to the attending, and shadow follow-up patients. Students will be expected to present on a topic of interest toward the end of the rotation. Students will spend at least one evening in the pediatric sleep lab to understand patients experiencing the pediatric sleep, this will be a 2 to three-hour experience. The student will also sit with a sleep medicine specialist while interpreting interpreting 1-2 polysomnograms. Evaluation will be based on enthusiasm, professionalism and how well the student meets the expectations of the rotation.

PEDI G890 - Pediatric Intensive Care Unit Elective (2 Credits)

The purpose of the rotation is to provide students with an introduction to the evaluation and care of critically ill children. The student will function as a member of the pediatric team in the pediatric intensive care unit. Students will be expected to admit and work up patients assigned to them by the senior resident or PICU attending. These patients will be followed on a daily basis by the student. Students should be able to discuss the patient's diagnosis and management plan under the supervision of a pediatric senior resident and the PICU attending. 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.

PEDI G891 - Neonatal Intensive Care Unit Elective (2 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 G895 - Pediatric Community Practice (4 Credits)

The focus of this elective is for the medical student to gain exposure to the practice of general pediatrics in a community setting. Students will see a variety of pediatric patients from birth to age 21 for well child care, continuing care for chronic medical issues, and acute sick visits. The well care includes check-ups, sports and college physicals, developmental screenings, behavioral management, parenting, anticipatory guidance, and immunizations. The student will get an understanding of a Medical Home for Children by seeing how children with chronic issues such as asthma, obesity, ADHD, depression, and a variety of other issues, are care for in a comprehensive manner. The acute sick visits include patients with fever, respiratory difficulties, gastrointestinal illnesses, unusual rashes, minor traumas, and a plethora of other issues. The student will also be able to see how a pediatric practice functions by observing how the practice manager, clerical, and nursing staff perform their various duties. The student may also have the opportunity to round with an attending in the nursery at either GMH or Greer. The goal of this elective is for the medical student to have not only an overview of general pediatric practice but also to have an understanding of the challenges and rewards that come with providing comprehensive medical care for pediatric patients.

PEDI G899 - Pediatrics Away Rotation (4 Credits)

The student will complete an intensive study of Pediatrics at another hospital or practice. This course must be approved through the VSAS application service or office of the M3/M4 Director.