Welcome!
Welcome to the Pediatric Residency Program

Thank you for your interest in our program. The field of pediatrics is an exciting and rewarding one. There is great joy in working with children and their families.

Cooper University Hospital has been doing very well over the past few years. With new leadership and expansion of services, Cooper has become stronger in its role as the academic medical center of South Jersey.

The Children’s Regional Hospital at Cooper University Hospital has an accredited pediatric residency program that will provide you with the knowledge and clinical experience necessary to become a successful pediatrician. Our full-time faculty is energetic, enthusiastic and committed to teaching. We have earned an excellent reputation by providing quality medical care in a family-centered environment. We have worked equally hard within our medical education program to create a friendly atmosphere that is conducive to learning.

Our teaching program in pediatrics has undergone a number of changes over the past several years, most of those changes have been generated by feedback received from residents and graduates. The result is a program that focuses on resident-directed education and lifelong learning. The program uses several different interactive conferences to accomplish this. You will find the details of these conferences on the pages that follow.

We have an integrated osteopathic and allopathic residency program that enables osteopathic physicians enrolled in it to pursue dual certification by the American Board of Osteopathic Pediatricians and the American Board of Pediatrics. It is a popular and competitive program.

We invite you to visit and learn more about our program.

Please call our Medical Education Office at 856-757-7904 if you have any questions.

Michael H. Goodman, MD, MMM
Chief, Department of Pediatrics, 
Associate Professor of Pediatrics 
Cooper Medical School at Rowan University

William R. Graessle, MD
Director, Pediatric Residency Program, 
Associate Professor of Pediatrics 
Cooper Medical School at Rowan University
The Pediatric Residency experience at The Children’s Regional Hospital at Cooper will provide you with a balanced exposure to both primary care pediatrics and the pediatric subspecialties. We not only have a well-established role as a regional center for pediatric tertiary care, but also have a longstanding commitment as primary caregivers to the children of the city of Camden. In addition to primary care pediatrics, your residency experience will expose you to the full array of pediatric subspecialty and support services. These include: adolescent medicine, allergy/immunology, cardiology, critical care medicine, dermatology, developmental and behavioral pediatrics, endocrinology, gastroenterology, genetics, infectious diseases, neonatology, neurology, pulmonary medicine, and psychiatry. Pediatric surgical subspecialties include adolescent gynecology, craniofacial surgery, general pediatric surgery, ophthalmology, orthopedics, otolaryngology, plastic and reconstructive surgery.

Other departments within the hospital with pediatric subspecialists include anesthesiology, pathology, physical and rehabilitative medicine, radiology, and emergency medicine.

A Pediatric Residency with us can provide you with some unique clinical opportunities. Cooper’s location in an urban setting provides exposure to a broad range of patients needing primary care. Our role as a regional tertiary referral center brings a diversified patient mix, since we draw patients from a 10-county area that includes urban, suburban, rural, and resort communities. Many of our programs have been designated by the State Department of Health as the regional providers of their respective services. In addition, many of our divisions provide the only subspecialists of their kind practicing full-time in southern New Jersey. Cooper’s Regional Trauma Center is the only Level I center for the southern half of the state. We are also one of only two regional perinatal centers in the seven southernmost counties of the state.

As one of our pediatric residents, you will be exposed to chronic as well as acute care. Part of your training experience will include a rotation in our Child Development Center, which provides comprehensive, multidisciplinary child development services on an outpatient basis. This rotation will offer you the experience of working with psychologists, learning disability specialists, occupational therapists, approach to rehabilitation, applied within a chronic care setting.
Our current inpatient facilities include 56 neonatal/infant beds: 23 in the intensive care nursery, 9 in the intermediate care nursery, and 24 for normal newborns who room in with their mothers. In addition, there are 29 beds for children past the neonatal infant period: 32 for general pediatric/subspecialty care and 6 for intensive care.

Our current outpatient facilities include four suburban sites in addition to the ambulatory center located on our Camden campus. One of the suburban sites, The Children's Regional Center in Moorestown, is devoted to pediatric medical subspecialty care. However, The Children's Regional Center in Voorhees offers both surgical and medical pediatric subspecialty care. Pediatric residents on subspecialty electives rotate through these suburban facilities. Our newest locations in Burlington, and Washington township are primary care facilities.

One of the goals of our medical education program is to expose our residents to a diversity of experience. Our faculty’s varied backgrounds in academic medicine and private practice offer our residents a unique perspective on pediatrics that prepares them for careers in either setting. Approximately 35% of our graduates pursue careers in the pediatric subspecialties.

A second goal of our medical education program is to keep the process as personalized as possible. Both our full-time subspecialists and our general pediatricians are accessible and available to residents. Our program is built on a foundation of regular one-to-one interaction between house staff and attendings. This allows for the development of a mentoring relationship between our residents and faculty.

In addition, it opens opportunities for our residents to join in our facultys’ ongoing research projects. We also encourage mentoring relationships between our residents and medical students. As the clinical campus of Cooper Medical School of Rowan University, we have medical students participating in the care of our pediatric inpatients and outpatients. Part of your responsibility as a pediatric resident will include the supervision of these students.

We have 24 approved pediatric residency positions, 8 each at the PGY-1, PGY-2, and PGY-3 levels.
Training Sequence

The American Board of Pediatrics requires that every pediatric resident complete three years of training. Our program offers the following rotation schedule:

**PGY-1**

The "intern" year is designed to expose the resident to a wide range of pediatric problems. The first-year resident is considered the primary caregiver for those patients who are on his or her service. The NICU experience is devoted to gaining familiarity with premature and other ill newborn patients and their management. Initially, the intern is closely supervised by a senior resident, and given increasing autonomy as the year progresses. Interns are responsible for supervising medical students on the inpatient units.

**PGY-2**

The second year involves managing increasingly ill children, especially in the PICU and the NICU. The role of the PGY-2 resident on the inpatient units is that of a supervisor. Several months of required and elective subspecialties are provided to expose the resident to more specific and difficult pediatric problems.

**PGY-3**

The final year of pediatric training is geared toward preparing the resident for his or her future career, be it in primary care pediatrics or fellowship training. The inpatient and outpatient experiences are supervisory in nature, with a considerable amount of time devoted to teaching the junior residents, interns, and medical students. The residents have a great deal of autonomy in management in the general pediatrics inpatient unit along with both the PICU and NICU. Several months of elective time are provided to ensure a well-rounded education prior to leaving Cooper.

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<th>Program Schedule/Electives</th>
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<td>DP</td>
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Each rotation represents one month.

**KEY**

Inpt: Inpatient General Pediatrics
DP: Developmental Pediatrics
Outpt: Outpatient General Pediatrics
FTN: Full-Term Nursery
*: Supervisory Role
ED: Emergency Department
Com Ped: Community Pediatrics
The goal of the Primary Care and Community Health Track of the pediatric residency program is to train pediatricians who receive focused education in primary care, community health, advocacy and the medical home concept. This program has been funded by a grant from HRSA and is designed to provide more longitudinal education in primary care and multiple opportunities for involvement in community outreach.

The program is structured into three month blocks. Two blocks each year are dedicated to ACGME required inpatient experiences and are alternated with three month primary care blocks. These blocks are structured to have longitudinal experiences in general and pediatric subspecialty care.

The Pediatric Primary Care and Community Health Track is accredited by the ACGME. Two positions per year are designated for this program.

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<th>Rotation Schedule</th>
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<td>Inpt — 3 months</td>
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<td>NICU</td>
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<td>ED</td>
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<tr>
<td>Term Nursery</td>
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<td>Primary Care Block — 6 months</td>
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<td><strong>PGY-2</strong></td>
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<td>PICU — 2 months</td>
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<td>NICU</td>
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<td>Inpt</td>
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<td>Adolescent Med.</td>
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<td>Dev. Behav. Peds.</td>
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<td>Primary Care Block — 6 months</td>
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<td><strong>PGY-3</strong></td>
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<td>Inpt — 2 months</td>
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<td>Night Float</td>
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<td>ED</td>
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<td>NICU</td>
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<tr>
<td>Term Nursery</td>
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<td>Primary Care Block — 6 months</td>
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Training Rounds and Conferences

Our program is built upon daily teaching opportunities that are both formal and informal in nature. Our schedule attempts to integrate bedside learning with a comprehensive program of structured conferences. Conferences attended by all residents, year-round, include:

**Pediatric Grand Rounds**
A weekly conference, these rounds feature topics presented by both full-time faculty and visiting professors. Attendees include house staff, faculty, pediatricians in private practice, nurses, medical students and a variety of ancillary support staff.

**Chief's Rounds**
Occurring weekly, this conference is run by the residents and offers the opportunity to present an interesting case to the residents and faculty. This exercise teaches the residents to generate a differential diagnosis and management strategy.

**Friday Conference**
A 90 minute session designed to cover the majority of topics in pediatrics and to make residents more independent learners. Assigned reading and questions are completed by each resident prior to the session, where they are discussed with faculty in an interactive fashion. This conference has been very well received by the residents.

**Morbidity and Mortality Conference**
This monthly conference is presented by a 3rd year resident. The goal of this conference is to identify systems issues and make recommendations for changes in the system that improve patient safety.

**Pediatric Radiology**
Images are available digitally and reviewed on rounds for each inpatient unit. Studies are reviewed with one of the pediatric radiologists on a regular basis. A formal conference where interesting cases are discussed occurs bimonthly.

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**Electives**

The Accreditation Council for Graduate Medical Education requires that a minimum of four one-month rotations be completed by each resident, selected from among the following core pediatric subspecialties:

- Allergy/Immunology
- Infectious Diseases
- Cardiology
- Nephrology
- Endocrinology/Metabolism
- Neurology
- Gastroenterology
- Pulmonology
- Genetics
- Hematology/Oncology

In addition, our full-time faculty offers pediatric electives in:

- Anesthesia
- Pediatric Radiology
- Child Psychiatry
- Pediatric Surgery/Urology
- Dermatology
- Otolaryngology
Training Rounds and Conferences (continued)

Pediatric Pathology

Cases are presented to our pediatric pathologist, who reviews the gross and/or histologic specimens of cases. Clinical follow-up including diagnosis and prognosis of each patient is discussed.

Competency Based Evaluation

The program has a series of evaluations and tasks that are completed for each resident to evaluate a resident’s competence. The process includes assembling a portfolio of these tasks each year and reflecting on what has been accomplished by completing a self assessment. Residents meet with their advisor and the program director to review their progress and to make goals for the next 6 months.

Journal Club

Based on the principles of evidence-based medicine, this series of conferences is designed to teach residents to critically evaluate and apply the medical literature to patient care. Each 2nd and 3rd year resident presents Journal Club. Faculty are actively involved to guide the residents through the process.

Retreats

Two resident retreats are held annually at an off-site location. One retreat is designated as a learning retreat and one for camaraderie and relaxation. Recent topics for retreats have included evidence-based medicine, teaching residents to be effective teachers and add effective communication.

Morning Report

Morning Report is held two times per week and is a forum for discussion of admissions to all services. In addition to the residents on the inpatient service, all residents on-site are required to attend. General pediatrics and subspecialty faculty are present for the discussion.

Resident Rounds

The floor team, which consists of two senior residents, two to three interns, and medical students, is responsible for conducting rounds and determining patient management. These rounds are led by the senior residents with assistance from faculty.
This combined residency program is offered to osteopathic students in lieu of a rotating internship. During the first year, residents rotate through Obstetrics, Surgery, Internal Medicine, and Pediatric Surgery. The remainder of the program is identical to the allopathic program. A sample schedule for the osteopathic program is shown below.

The Director of Osteopathic Medical Education meets with the residents on a regular basis to discuss osteopathic issues. The program is accredited by the ACGME and the American Osteopathic Association, and graduates are eligible to take both board exams. Four positions per year are designated for this program.

Each rotation represents one month.

**Program Schedule/Electives**

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<tr>
<th>PGY-1</th>
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<th>PGY-3</th>
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<td>Inpt*</td>
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<tr>
<td>Outpt</td>
<td>Elective</td>
<td>Outpt*</td>
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<tr>
<td>NICU</td>
<td>PICU</td>
<td>Elective</td>
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<td>Inpt</td>
<td>Outpt</td>
<td>Outpt/ Night Float</td>
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<tr>
<td>Int Med</td>
<td>PICU</td>
<td>NICU</td>
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<tr>
<td>Outpt</td>
<td>Elective</td>
<td>FTN</td>
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<tr>
<td>Inpt</td>
<td>NICU</td>
<td>Night Float*</td>
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<td>Surg</td>
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<td>FTN</td>
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<td>OB</td>
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<td>Peds Surg</td>
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How to Apply

The Pediatric Residency Program at Cooper University Hospital participates in the Electronic Residency Application Service (ERAS), and all information is processed through this system without exception. Information regarding the ERAS application process and timeline is available on the website listed below.

Association of American Medical Colleges
www.aamc.org/eras

ERAS applications must contain the following information in order for your application to be considered:

- Common application form
- Curriculum vitae
- Medical school transcript
- Three recommendation letters
- Dean’s letter
- Personal statement
- USLME reports (1, 2 and 3).

The application deadline for the 2014-15 academic year is October 30, 2014.
The Cooper Campus and Surrounding Area

It is extraordinary to have such a high concentration of leadership at one institution but, then, Cooper is an extraordinary hospital.

Cooper University Hospital is the center of a growing health science campus that includes the main hospital, Cooper Medical School of Rowan University, MD Anderson Cancer Center at Cooper, the internationally acclaimed Coriell Institute for Research, Three Cooper Plaza medical offices and the Ronald McDonald House.

Adjacent to the Cooper Plaza/Lanning Square neighborhood, Cooper has a long history of outreach and service efforts to its local community. Some of these initiatives include health and wellness programs for the neighborhood, development of three neighborhood parks and playground, and outreach to programs into local schools.

The Hospital's 312,000-square-foot, 10-story Roberts Pavilion houses state-of-the-art patient care facilities, including 120 private patient rooms, a 30-bed medical/surgical intensive care unit, 12 technologically advanced operating room suites with hybrid imaging capabilities, an advanced laboratory automation facility and a 14,000-square-foot Emergency Department. The Emergency Department features 25 beds, dedicated isolation suites and autonomous CT scanning technology. Two new floors in the Roberts Pavilion, each with 30 private patient rooms, opened in August 2014. The two floors are designed to serve specific patient populations with Pavilion 8 serving a growing advanced-care surgery patient population and Pavilion 9 serving the Cooper Heart Institute for hospitalized heart patients. The Pavilion features an expansive lobby and concourse, a restaurant and coffee shop, health resource center, business center, gift shop and chapel.

The Pavilion also houses the 25,000-square-foot Dr. Edward D. Viner Intensive Care Unit. A design showcase for patient and family-centered care, the unit features 30 private rooms equipped with the latest in advanced technology, and allowing 360-degree patient access. Five patient rooms are capable of negative pressure isolation, and five rooms have chambered isolation alcoves. In addition, an enlarged room with operating room caliber lighting is outfitted to perform bedside exploratory laparotomy in patients too unstable for transport to the operating room.

In 2013 Cooper celebrated the opening of MD Anderson Cancer Center at Cooper, the $100 million, four-story, 103,050-square-foot center located on the Cooper Health Sciences Campus in Camden, dedicated to cancer prevention, detection, treatment and research. MD Anderson Cancer Center at Cooper offers South Jersey's only dedicated inpatient, 30-bed cancer unit adjacent to the new cancer center at Cooper University Hospital. The center includes bright, spacious chemotherapy treatment areas, patient...
Cooper Medical School of Rowan University Medical Education Building is located on the Cooper Health Sciences Campus on South Broadway, between Benson and Washington Streets in Camden. The new $139 million building, which opened in July 2012, was designed for CMSRU’s curriculum with spaces and technologies to support faculty and students in their educational process. In 2012, CMSRU welcomed the class of 2016 with 50 students.

The Cooper campus is located in the heart of the Camden's business district. The academic medical center campus is easily accessible by car or public transportation—the commuter high-speed line and bus terminal are located a half-block from the campus. Cooper is a short walk or drive from the exciting Camden waterfront where the New Jersey State Aquarium, the River Sharks stadium, the USS New Jersey and Susquehanna Bank Center are located.

Cooper is conveniently close to Philadelphia. Just a mile-long drive over the Benjamin Franklin Bridge or a ferry boat ride will put you at the doorstep of Philadelphia’s cultural, culinary and historic venues.

South Jersey also offers a range of living and entertainment options. Quaint towns such as Haddonfield and Collingswood are just 10 minutes away. The lights and action of Atlantic City and those other popular beach towns such as Cape May and Ocean City are a one-hour drive from Cooper.
Cooper Campus Map

The most up-to-date directions to Cooper University Hospital are available at:

cooperhealth.org/directions