Postgraduate Medical Education



Our mission:

To serve, to heal, to educate.





Mission

Our mission is: To serve, to heal, to educate.

We accomplish our mission through innovative and effective systems of care and by bringing people and resources together, creating value for our patients and the community.

Vision

Cooper University Health Care will be the premier health care provider in the region, driven by our exceptional people delivering a world-class patient experience, one patient at a time, and through our commitment to educating the providers of the future.

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1923

Welcome

Cooper University Health Care takes pride in its ability to offer a comprehensive array of diagnostic and treatment services. Cooper University Hospital serves as southern New Jersey's major tertiary care referral hospital for specialized services. Cooper Premier Institutes, Centers of Excellence, and programs include: MD Anderson Cancer Center at Cooper, Surgical Services Institute, Adult Health Institute, Cooper Heart Institute/Cardiac Partners at Cooper and Inspira, Cooper Bone and Joint Institute, Cooper Neurological Institute, Women's and Children's Health Institute, Urban Health Institute, Center for Population Health, Center for Critical Care Services, Center for Urgent and Emergent Services, and the Center for Trauma Services, which includes our Level I Trauma Center, Level II Pediatric Trauma Center, and active community trauma prevention education.

Cooper has been a cornerstone in Camden for more than 130 years and has expanded its facilities and services throughout South Jersey. Consumers and physicians recognize Cooper as South Jersey's leading academic medical center. In annual surveys assessing the region's medical care, Cooper's physicians are frequently recognized as "Top Doctors" in their fields. These world-class physicians are the teachers with whom you will interact during your educational experience.

Cooper has been nationally recognized for its leadership in patient safety, receiving the 2019 Patient Safety Excellence Award[™] from Healthgrades, placing it among the top 5% of hospitals in the nation. Cooper was also recognized as a high-performing hospital for treating heart failure and COPD by U.S. News & World Report's 2019-2020 Best Hospital Survey.

Cooper's commitment is to provide exceptional care to every patient, every day, in a patient-centered, family-focused environment. Every employee—including our residents and fellows—is a member of the caregiving team and has an important role in making the experience at Cooper a healing one for patients and their families.

Your training at Cooper will be academically challenging, enhanced by our top-ranked faculty and state-of-the-art equipment and facilities. We welcome the opportunity to have you as part of our team, as we provide university-quality health care in southern New Jersey.



Antoinette Spevetz, MD, FCCM, FACP, FCCP
Designated Institution Official



Lisa C. Laphan-Morad Vice President, Education and Research



Eric E. Kupersmith, MD, SFHM
Senior Vice President
and Chief Physician Executive





Discover the Difference

When you join Cooper University Health Care, you become part of a team that is committed to excellence in medical education, patient care, and research.





Patient-focused services and technology at Cooper University Health Care are unmatched, from prevention and wellness, to chronic care and specialized services for children, to the most complex emergency and acute health conditions.

Anchored by Cooper University Hospital, a 635-bed, non-profit academic tertiary care hospital, Cooper University Health Care provides comprehensive care through an extensive network of services and facilities in South Jersey. The hospital serves as the primary clinical site for Cooper Medical School of Rowan University.

Along with our "Top Doctors," an unparalleled footprint of facilities and services, and passionate dedication to medical research, Cooper University Health Care tops the list for medical students, residents, fellows, nurses, and allied health professionals in a broad range of specialties.









1927

Ann Canning Building opened for patients.

1935

Dr. Edwin Ristine named hospital's first official surgical resident. 1942

World War II 61st Station Hospital departs for Africa. 1954

Cooper enters "Decade of Development" to expand access for medical services.

1968

Dr. Rudolph Camishion performed first open-heart surgery at Cooper.

Find Your Specialty

Cooper University Health Care offers a wide range of residency and fellowship opportunities, all of which are approved by the Accreditation Council for Graduate Medical Education (ACGME).

Cooper University Hospital participates in the National Resident Matching Program (NRMP) to select qualified applicants for first-graduate-year positions (PGY-1). All fourth-year medical students applying for a PGY-1 position must be enrolled in the NRMP. All applicants must be either:

- 1. A graduate of an American or Canadian medical school accredited by the Liaison Committee on Medical Education (LCME), the American Osteopathic Association (AOA), or the Council on Podiatric Medical Education (CPME)—passing United States Medical Licensing Examination (USMLE) Step I, USMLE Step II-Clinical Knowledge (CK), and Step II-Clinical Skills (CS), or the equivalent of the respective licensing exam. Or:
- 2. A graduate of a foreign medical school, certified by the Educational Commission for Foreign Medical Graduates (ECFMG), earned through passing the Foreign Medical Graduate Examination in the Medical Sciences (FMGEMS), Part I and Part II examinations of the National Board of Medical Examiners (NBME), or the USMLE; and by meeting all other requirements of the ECFMG.

Graduate medical education appointments are made for a period of one year. Individuals who maintain satisfactory performance and meet the requirements of their chosen specialty are eligible for yearly reappointment. Departments may request interviews of candidates who meet program criteria.

Experience teaching rounds, learn online digital imaging, and work among world-renowned faculty.







Residencies

- · Anesthesiology
- Dermatology
- · Diagnostic Radiology
- Emergency Medicine
- Family Medicine
- General Surgery
- Internal Medicine
- Neurology
- Neurological Surgery
- · Obstetrics/Gynecology
- Orthopaedic Surgery
- Otolaryngology (ENT)
- Pathology
- Pediatrics
- · Plastic Surgery
- Podiatric Medicine/Surgery (CPME)
- Psychiatry
- Urology
- Vascular and Endovascular Surgery (Integrated)

Fellowships

- Adult Cardiothoracic Anesthesiology
- · Cardiovascular Disease
- Child Abuse Pediatrics
- · Clinical Cardiac Electrophysiology
- · Critical Care Medicine
- · Emergency Medical Services
- Endocrinology
- Female Pelvic Medicine/ Reconstructive Surgery (FPMRS)
- Gastroenterology
- Gynecologic Oncology
- Hematology/Oncology
- · Hospice and Palliative Medicine
- Infectious Diseases
- Interventional Cardiology
- · Interventional Pulmonology
- Micrographic Surgery and Dermatologic Oncology
- Nephrology
- Orthopaedic Trauma
- · Pain Medicine
- · Pulmonary/Critical Care Medicine
- Rheumatology
- · Surgical Breast Oncology
- Surgical Critical Care
- · Women's Imaging

Explore Our Campus

Cooper's 20-acre Health Sciences Campus comprises Cooper University Hospital, Cooper Medical School of Rowan University, MD Anderson Cancer Center at Cooper, and the world-famous Coriell Institute for Medical Research.

Cooper University Hospital

Cooper University Hospital includes the Roberts Pavilion with a spectacular lobby, private patient rooms, a critical care floor, and operating room suites; the Kelemen Pavilion with the Emergency Department, Level I Trauma Center, and the Children's Regional Hospital at Cooper; and the Dorrance building with mother-infant services, labor and delivery, the Level III NICU, and a regional perinatal center.

MD Anderson Cancer Center at Cooper

MD Anderson Cancer Center at Cooper, located on the Cooper Health Sciences Campus in Camden, is the cornerstone of Cooper's partnership with the University of Texas MD Anderson Cancer Center. At this four-story comprehensive cancer center, patients experience MD Anderson's signature, multidisciplinary approach to care in a state-of-the-art setting close to home.



Coriell Institute for Medical Research

The Coriell Institute for Medical Research, an independent nonprofit dedicated to the study of the human genome, is recognized as one of the world's leading biobanks, distributing biological samples and offering research and biobanking services to scientists around the globe. A pioneer in genomics, Coriell is examining the utility of genetic information in clinical care through the Coriell Personalized Medicine Collaborative (CPMC) research study. The Institute is also unlocking the promise of induced pluripotent stem cells and their role in disease research and drug discovery.



Cooper Medical School of Rowan University

Rowan University and the Cooper Health System partnered in June 2009 to establish Cooper Medical School of Rowan University (CMSRU), the 135th medical degree-granting school in the country and the first medical school in New Jersey in 35 years. It graduated it's charter class of students in May 2016.



Today, approximately 250 CMSRU alumni are train ing or practicing medicine at programs across the U.S., and more than 400 medical students are enrolled at the school.

Cooper physicians serve as the clinical faculty for CMSRU. Although CMSRU is a new school, the Cooper faculty is not new to teaching. Cooper served as the core clinical campus for the former UMDNJ/Robert Wood Johnson Medical School-Camden for over 30 years, where Cooper faculty educated third- and fourth-year students during their clinical rotations.

For more information, visit CMSRU's website at cmsru.rowan.edu.



Train in the Area's Top Hospital

Cooper University Health Care is unmatched in the region for trauma and inpatient care. As a Cooper resident or fellow, you will learn from—and become part of—a team that is dedicated to outstanding patient care and state-of-the-art technology.



Cooper has earned the distinguished reputation as the critical care provider to the region's most seriously ill. The center has a state-of-the-art intensive care unit and an acclaimed clinical research program. More than 40 percent of interhospital transfers from South Jersey are directed here through the Cooper Transfer Center, which streamlines air and land transfers to Cooper from outlying hospitals.

Cooper Center for Urgent and Emergent Services

Cooper Center for Urgent and Emergent Services includes the Cooper Emergency Department (ED), Urgent Care Centers, 911 Emergency Medical Services, Air Medical Services, and the Cooper Transfer Center.

Cooper's ED in Camden handles more than 80,000 visits annually, and Cooper's comprehensive Basic Life Support and Advanced Life Support EMS averages more than 110 ambulance runs per day. Cooper Air Medical Transport services the seven counties of southern New Jersey.

Intensive Care Unit (ICU)

A design showcase for patient- and family-centered care, the Dr. Edward D. Viner Intensive Care Unit at Cooper University Hospital is an acknowledged center of excellence in the Delaware Valley. With the latest in advanced imaging and invasive monitoring equipment, the 25,000-square-foot,

30-bed, state-of-the-art unit allows 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 who are too unstable for transport to the operating room.

Diagnostic Radiology and Nuclear Medicine

The Department of Diagnostic Radiology at Cooper utilizes PACS (picture archiving and communication system) to provide state-of-the-art medical imaging services. PACS is a filmless and paperless system available online via Cooper's intranet or the Internet. All referring physicians have access to voice recognition and self-editing for all reports.

In addition to PACS, Cooper provides superior diagnostic technology including 64-slice CT, digital X-ray, CR and fluoroscopy, US, MRI, PET/CT and bone densitometer. Cooper offers digital mammography and other advanced breast imaging services, such as breast MRI, breast ultrasound, contrast-enhanced spectral mammography, and specialized image-guided biopsy procedures.

Children's Regional Hospital

The Children's Regional Hospital at Cooper is the only state-designated acute care children's hospital in southern New Jersey and the only children's hospital in South Jersey to provide highly specialized medical and surgical care. Additional services include pediatric intensive care, intermediate care, pediatric surgery, and pediatric emergency care.

Cooper's Neonatal Intensive Care Unit treats the full range of medical and surgical problems in premature and term infants, offering privacy and comfort to mothers, babies, and families. The unit features a breastfeeding room, a "nesting" room, and a large waiting area for families.







Delve Into Specialty Services

Specialty-specific institutes provide our patients with the latest research, treatment, and technology for inpatient and outpatient services.

Cooper Heart Institute

The Cooper Heart Institute is the most comprehensive and advanced cardiac care center in southern New Jersey, earning national recognition for its superior quality and world-renowned team of cardiovascular experts. The Cooper Heart Institute provides patients with access to state-of-the-art diagnostic testing, comprehensive preventive care, arrhythmia management, advanced heart failure management, and innovative surgical and non-surgical treatment options.

The Cooper Heart Institute is at the forefront of percutaneous and minimally invasive surgical techniques and has the largest volume of cardiothoracic surgery in the region. It is also at the leading edge of ablation therapy, device implantation, and arrhythmia detection, performing thousands of complex procedures each year.

Most recently, Cooper University Health Care and Inspira Health Network integrated the cardiac service lines from both organizations to form a new collaborative called Cardiac Partners at Cooper and Inspira. The affiliation provides patients in the South Jersey region with access to more coordinated and comprehensive cardiac services across the continuum of care from diagnosis to minimally invasive procedures, advanced cardiac surgery, and cardiac rehab. The combination of the two health systems' cardiac service lines creates the largest program in South Jersey and includes more than 65 cardiac specialists.





MD Anderson Cancer Center at Cooper

Cooper University Health Care and The University of Texas MD Anderson Cancer Center partnered in September 2013 to create MD Anderson Cancer Center at Cooper. MD Anderson is one of the nation's leading cancer centers.

Through this partnership, MD Anderson at Cooper physicians adhere to the philosophy, processes, and guidelines set by MD Anderson in Houston, TX, and patients receive the same proven treatment plans provided at MD Anderson. Patients have access to select clinical trials and a full range of supportive care services, including complementary medicine therapies, nutrition counseling, behavioral medicine, social services, palliative care, and genetic counseling and testing, providing complete care for our patients.

Women's and Children's Health Institute

The Women's and Children's Health Institute offers comprehensive services for women including obstetrics and gynecology, maternal-fetal medicine, reproductive endocrinology and infertility, and female pelvic medicine and reconstructive surgery. Cooper is one of only three centers in southern New Jersey to earn a designation as a Regional Perinatal Center by providing the highest level of both maternal-fetal medicine and neonatal care.

The Women's and Children's Health Institute houses The Children's Regional Hospital at Cooper and The Ripa Center for The Women's Health and Wellness. Children's Regional Hospital is South Jersey's only state-designated children's hospital with 27 medical and surgical specialties, making it the most comprehensive pediatric program in South Jersey. The Ripa Center for Women's Health and Wellness at Cooper provides primary and multispecialty care focused on the unique health

care needs of women.

Adult Health Institute

The Adult Health Institute (AHI) provides an extensive network of coordinated primary and specialty health care. Each member of the institute understands the importance of early diagnosis and treatment when managing disease. AHI primary care practitioners in Internal Medicine and Family Medicine administer preventive care and teach healthy lifestyles while also managing simple to complex illnesses for their patients. Adult Health Institute specialties include Dermatology and Dermatologic Surgery, Endocrinology, Gastroenterology/ Hepatology, Geriatrics, Infectious Diseases, Nephrology, Psychiatry, and Pulmonary Medicine.

Cooper Bone and Joint Institute

The Cooper Bone and Joint Institute offers comprehensive orthopaedic treatment through a leading-edge approach to the prevention, assessment, treatment and rehabilitation of musculoskeletal injuries. Highly trained orthopaedic specialists work to develop a custom treatment plan in the areas of foot and ankle pain; hand and upper extremity disorders; orthopaedic trauma; joint reconstruction; comprehensive and multidisciplinary care of back, neck, and other spine problems; osteoporosis-related fragility fractures; and sports

medicine.

Cooper Neurological Institute

Cooper Neurological Institute (CNI) is dedicated to treating patients with brain disorders such as cancers and tumors, vascular abnormalities, functional disorders and ocular disorders. CNI is the only neurological institute in central and southern New Jersey to offer patients both the CyberKnife® multisession stereotactic robotic radiotherapy and the Leksell Gamma Knife® Icon™.

The Cooper University Hospital Roberts Pavilion includes two leading-edge, dedicated neurosurgical operating rooms—one primarily for cranial procedures, and one primarily for spinal procedures. These ORs offer the newest image-guidance surgical technology as well as an intraoperative CT (iCT).

Cooper University Health Care has earned The Joint Commission's Gold Seal of Approval® and the American Heart Association/American Stroke Association's Heart-Check mark for Advanced Certification for Comprehensive Stroke Centers. The Gold Seal of Approval and the Heart-Check mark represent hospitals with the highest level of stroke care and are symbols of quality from their respective organizations. Cooper is the first in South Jersey to achieve this significant certification.

Digestive Health Institute

Cooper Digestive Health Institute is South Jersey's largest free-standing endoscopic center, providing a full range of gastrointestinal services with satellite offices throughout the region, including the latest diagnostic procedures and treatments for disorders of the pancreas, liver, gallbladder, esophagus, stomach, small intestine, colon, digestive tract, and related digestive issues. The institute features four advanced procedure rooms, eight preoperative and postoperative recovery areas, 10 patient exam rooms, and state-of-the-art imaging technology with the latest diagnostic and treatment options. Our resources include the latest advances including minimally invasive endoscopic equipment and testing. Our physician faculty is nationally recognized as providing a level of experience that is unmatched in South Jersey.



Venture Beyond the Hospital Walls

While much of your training will take place within Cooper University Hospital, you will have an opportunity to train in Cooper's extensive network of outpatient facilities as well.

Services and programs at Cooper University Health Care at Voorhees include comprehensive women's health care services and stereotactic breast biopsy, surgical specialties, cancer treatment services through MD Anderson at Cooper, pediatric and adult sleep studies, a full complement of diagnostic imaging and nuclear medicine capabilities, a cleft palate and craniofacial program, plastic and reconstructive surgery, shoulder and hand surgery, and sports medicine.

MD Anderson at Cooper offers comfort and convenience to patients who receive ongoing treatment at several locations beyond our Camden and Voorhees locations. Likewise, specialists in the

Cooper Bone and Joint Institute provide services at a number of outpatient locations, which are equipped with leading-edge technology to support the prevention, assessment, treatment, and rehabilitation of musculoskeletal injuries.

Cooper's Urgent Care Centers in the South Jersey suburbs are the only centers in the area that are staffed by emergency medicine physicians seven days a week.

Enhance Your Learning Experience

While there is no substitute for hands-on experience, Cooper offers a number of resources to maximize your learning opportunities.



Simulation Laboratory

The Cooper University Hospital Simulation Laboratory (SimLab) is dedicated to advancing health care provider education at all clinical levels. Our goal is to achieve realistic, accurate, real-time medical simulation using

state-of-the-art technology. Computer-generated scenarios, simulating acute medical conditions in lifelike mannequins/trainers, allow participants to develop skill sets in a safe, controlled environment removed from the clinical setting.

Facilitators trained in the use of computer-driven simulation adjuncts provide one-to-one and small-group instruction using lifelike mannequins. Attention is focused on maintaining a nonthreatening learning environment, providing adequate mechanisms for positive feedback, and developing a supportive student-facilitator relationship.

The SimLab currently employs adult, pediatric, and specialty VR simulators to train residents in patient assessment, respiratory and cardiac arrest, acute airway emergencies, sepsis management, central line placement, laparoscopy, bronchoscopy, and endoscopy/ colonoscopy. Motivated residents have an opportunity to be trained as SimLab instructors in areas of clinical interest. Course development is under way on team-building and crisis management.



Resident Lounge

Library Services

The CMSRU/Cooper University Hospital Library provides a wide range of informa-tion resources and services. The collection reflects the demand for access to electronic materials with over 6,000 e-journals and 2,000 e-books. A small print collection of 3,000 vol-umes contains textbooks, study/review books, handbooks, and atlases. Both collections are supplemented by an active and efficient document delivery service. Librarians offer a variety of services including literature searches, training, and support for research and publishing. Library resources are accessed at www.rowan. lib.edu/cmsru.

The Library Computer Lab provides 18 computers and one photocopier/printer. An additional 11 computers with printing capability are available in the main Library area. The Library also provides a quiet study room, which has 12 study carrels equipped with white boards and power for charging devices.

The main entrance to the Library is located off of the walkway that runs from the parking garage to the hospital lobby. All faculty, staff, and students may access the Library 24/7 via a badge swipe system.

The Library is staffed Monday-Friday 8:00 a.m. to 8:30 p.m. Access to the print collection is available during these hours.





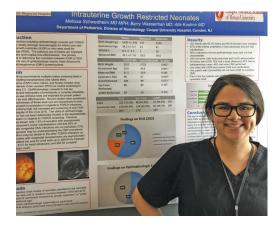
Enjoy the Benefits

Cooper offers residents and fellows a comprehensive benefits package and competitive salaries.



Housestaff Council

Our Housestaff Council is an active organization with officers peer-elected annually. There is HSC representation on hospital and medical staff committees in addition to health system-wide initiatives. They are guided by their commitment to patient safety, community service, communication, and resident well-being.



Research Institute

The Cooper Research Institute (CRI) provides focused administrative and financial support for research to the Cooper University Health Care researchers. CRI provides researchers with regulatory-mandated education, biostatistical support, and guidance through the Institutional Review Board. The institute helps researchers secure grants from government agencies, foundations, and industry, allowing them to continue Cooper's long history of medical research.

Cooper faculty members conduct more than 400 NIH foundation- and industry-sponsored clinical trials each year. Through basic and clinical research, researchers provide thousands of South Jersey patients access to cutting-edge treatment in the fields of cancer, cardiovascular disease, critical care medicine, diabetes, orthopaedics, stroke, and surgery.

Key Features

- Cooper University Hospital:
 635-bed, tertiary care facility
- Children's Regional Hospital: highly specialized, acute care facility within Cooper University Hospital
- Cooper Research Institute: in partnership with the Coriell Institute for Medical Research
- Level 1 Trauma Center and Level II
 Pediatric Trauma Center
- MD Anderson Cancer Center at Cooper: dedicated 30-bed inpatient oncology unit
- · Neonatal Intensive Care Unit
- · Regional Cleft Palate Program
- · Comprehensive Breast Care Center
- Institutes for Surgery, Heart, Neurology, Digestive Health, and Bone and Joint
- Cooper Transfer Center: land or air transfer (24/7) for 911 "on scene" response and inter-facility transports between hospitals
- Simulation Laboratory: hands-on training facility with lifelike mannequins
- Extensive electronic library: access (24/7) to public computers, support from reference librarians, core collection of print materials



Learn More

Your Cooper University Health Care experience will be unique. Take a closer look at some of our key features to learn what makes Cooper such an extraordinary choice.



Just across the bridge from bustling Philadelphia, and less than an hour from the tranquility of the Pine Barrens and activity of the Jersey shore, Cooper University Hospital is easy to access. The academic campus is located across the street from two commuter rail lines (PATCO and NJ Transit's River Line) and within walking distance of Rutgers University and Rowan University Camden campuses.

The Cooper Health Sciences Campus is located in the heart of Camden's business district. The academic medical center campus is easily accessible by car or public transportation via the commuter high-speed line and bus terminal adjacent to the hospital.

Cooper is a short walk or drive from the exciting Camden waterfront, which includes a magnificent waterfront park and marina; the Adventure Aquarium; and the BB&T amphitheater, which hosts nationally renowned entertainment throughout the year. Nearby are the Sixers Training Complex, L3 Communications complex, Lockheed Martin, Rutgers University Camden Campus, and Camden County College.

There are expected to be \$350M in transportation and infrastructure improvements within the next four to five years to handle the influx of thousands of new employees to the area and students at nearby growing academic campuses.

Cooper is conveniently close to Philadelphia. Just a mile-long drive over the Benjamin Franklin Bridge 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 popular beach towns such as Cape May and Ocean City are a one-hour drive from Cooper.

We invite you to take a closer look at Cooper — within these pages and in person. And be sure to visit us on the web at cooperhealth.edu. Discover the difference at Cooper University Health Care.



2013

Cooper partners with University of Texas MD Anderson Cancer Center 2015

Cooper is verified as a Level II Pediatric Trauma Center, the only hospital in the Delaware Valley to provide trauma care for adults and children. 2016

CMSRU receives full accreditation and graduates first class of medical students. 2017

Three Cooper Plaza is renamed Sheridan Pavilion, in honor of John and Joyce Sheridan. 2019

First U.S. hospital site to host training program for Elite U.S. Army Forward Resuscitation Surgical Team.

Your Cooper experience will be unique. Take a closer look at cooperhealth.edu/GME.

Cooper (Camden Campus)

Walter Rand Transportation Center Broadway Station: PATCO NJ Transit ML.K. BOULEVARD Willer Rand Transportation Center Broadway Station: Parting MD Anderson Cancer Center at Copy Copyer Parting One Cooper Plaza Parking Garage Dock WS Healing One Cooper Plaza Parking Garage WS Healing One Cooper Plaza One Cooper Pla

Cooper (Voorhees Campus)















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