

2019-2020

# Urology Residency Program



**Our mission:**

To serve. To heal.  
To educate.



# Welcome from our Program Directors

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**Allen D. Seftel, MD, FACS**

The Urology Residency at Cooper Medical School of Rowan University and Cooper University Hospital is a vibrant program dedicated to providing high-quality, structured training. Residents are placed in a mentored environment that facilitates progressive advancement on an individual basis throughout the duration of the program. Weekly conferences, ongoing clinical rotations, unique research projects, and operating room experiences constitute the core of the instructive curriculum. The didactics are buoyed by a diverse Cooper Urology faculty. We believe that our urology residency is a wonderful place to train and look forward to your application.

## **Allen D. Seftel, MD, FACS**

Program Director, Urology Residency  
Head, Division of Urology



**Jeffrey J. Tomaszewski, MD**

Welcome, and thank you for considering Cooper Urology! We provide a diverse and well-rounded faculty dedicated to resident education, scholarly achievement, and surgical training. The residents are exposed to an outstanding breadth and depth of clinical and operative training, with ample, early, and graded opportunities for autonomy. The residents experience great camaraderie, and take pride in the Cooper Urology esprit de corps! Cooper Urology seeks highly motivated, passionate, and dedicated applicants looking to contribute to the academic growth of urology and serve as leading clinicians.

## **Jeffrey J. Tomaszewski, MD**

Associate Program Director, Urology Residency



# A Note from the Department Chief

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Jeffrey P. Carpenter, MD

**"We provide a rich and varied training experience with a large and growing surgical volume."**

CooperHealth.edu

Greetings and thank you for your interest in training at Cooper.

We are southern New Jersey's only academic, tertiary care medical center. As such, we provide a rich and varied training experience with a large and growing surgical volume.

I became Chairman in 2008, after 23 years at the University of Pennsylvania. Since then, Cooper has seen the addition of its new Cooper Medical School of Rowan University, which graduated its first class in 2016. This has deepened our academic resources and enriched the training environment. The campus has seen a number of expansions during this time, with the addition of 25 operating rooms for a total of 38, including two robotic rooms, a room equipped with a CT scanner, a room with an O-arm, 3 hybrid OR/angiographic suites, and state-of-the-art laparoscopy rooms.

The affiliation of Cooper with the world-renowned MD Anderson Cancer Center in Houston, Texas, to create MD Anderson Cancer Center at Cooper, has dramatically increased the volume of oncologic and reconstructive surgeries, providing many opportunities for participation in advanced treatment and research protocols.

Our Level 1 Trauma Center is the region's largest and busiest, offering surgical trainees a rich experience in management of traumatic injuries and reconstruction. Our faculty has more than doubled in size since 2008 and now numbers more than 70 surgeons. While they are clinically excellent and busy, they are also extremely academically productive and seek to collaborate with trainees to mentor them in research.

In 2017, the Department of Surgery at Cooper published over 100 articles and book chapters. Our faculty serve on the editorial boards of many journals and are nationally and internationally recognized as leaders in their specialties. We have an active basic science research program, with emphases on regenerative medicine and epigenetics. The department maintains both a large animal and small animal vivarium with two large animal operating rooms. We are passionate about education of surgical trainees and welcome your interest in our programs.

## **Jeffrey P. Carpenter, MD**

Chairman and Chief, Department of Surgery

**serve**

# Urology Residency Program



Robert Brown, MD  
URO-4 Chief Resident

## Contact Information

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**Allen D. Seftel, MD, FACS**

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Urology

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Office of Surgical Education  
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The Urology Residency Program at Cooper Medical School of Rowan University and Cooper University Hospital is a five-year ACGME accredited program. Our goal is to produce superior clinical and academic surgeons who are trained in all facets of modern urologic surgery and will be eligible for certification by the American Board of Urology upon completion of the program.

Our urology residents are part of the operating team in all cases at Cooper University Hospital and the Voorhees Outpatient Surgical Center. Residents at each level are afforded a rich operative experience due to the volume and variety of surgical diseases throughout the hospital system, with chief residents averaging more than 1500 index cases over four years. Broad exposure to the components of adult and pediatric urology is gained through rotations at Cooper University Hospital, Voorhees Outpatient Surgical Center, Voorhees Adult Urology Clinic, Alfred I duPont Hospital for Children, Jefferson Health in New Jersey, Christiana Hospital, and The University of Texas MD Anderson Cancer Center.

The operative experience of the program is complemented by a rigorous academic conference schedule designed to promote resident advancement in both surgical knowledge and presentation skills. The interdisciplinary nature of several of the conferences enhances the educational experience of the residents and promotes an appreciation for various views and approaches to surgical problems and issues. Additionally, our residents are required to complete yearly clinical research projects and an outcomes project, in recognition of the need for both clinical and academic physicians in current and future healthcare environments.

The quality of education offered by the Cooper Medical School program ranks highly among its peers, yet a committed faculty continuously searches for ways to improve upon the structure. We value your individual participation and feedback regarding your experience. The entire faculty hopes that you will find a balance of clinical and academic activities and enjoy a healthy camaraderie and team spirit during your residency.

Your growth as a surgeon should parallel your personal development. During your training, many of you will form close, lifelong relationships both inside and outside the hospital. Do not neglect these relationships. We encourage you to continue hobbies and interests that make you a complete person. These endeavors will not only be fruitful for you in your personal growth, but will benefit your patients, by providing them a balanced, compassionate urologist.

# Urology Attendings and Faculty

## Areas of Expertise:

### **Allen Seftel, MD, FACS**

Male Sexual Function  
and Benign Prostate Disease

### **Jeffrey Tomaszewski, MD**

Urologic Oncology

### **Arturo Canto, MD**

General Urology

### **Andres Correa, MD**

Urologic Oncology

### **Peter Bernhard, MD**

Urological Calculi

### **Ronak Gor, MD**

Reconstructive Urology

### **S. John Swanson, III, MD**

Renal Transplantation Surgery

### **Ahmad Bani-Hani, MD**

and **T. Ernesto Figueroa, MD**

Pediatric Urology

### **Michael DiSanto, PhD**

Urogenital Smooth Muscle  
Research



Allen Seftel, MD, FACS



Jeffrey Tomaszewski, MD



Ronak Gor, MD



Arturo Canto, MD



Peter Bernhard, MD



Andres Correa, MD



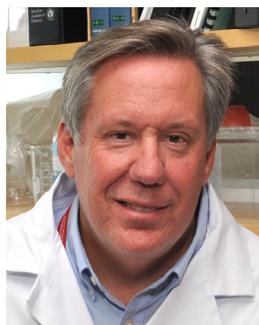
S. John Swanson, III, MD  
*Christiana Hospital*



Ahmad Bani-Hani, MD  
*AI duPont*



T. Ernesto Figueroa, MD  
*AI duPont*



Michael DiSanto, PhD  
*Cooper Medical School of  
Rowan University*

# Facilities



Daisy Obiora  
URO-1 Resident

**Residents are immersed in this rich environment, and have ample opportunity to interact with faculty and peers through formal and informal teaching sessions.**

**Cooper University Health Care (CUHC)** is a 635-bed acute care academic medical center, serving southern New Jersey and the Delaware Valley. Cooper University Hospital is the clinical campus of Cooper Medical School of Rowan University and offers training programs for medical students, residents, fellows, and nurses in a variety of specialties. The Trauma Center at Cooper University Hospital was established in 1982 and is one of only three New Jersey State-Designated Level I Trauma Centers verified by the American College of Surgeons, the highest national recognition possible. Cooper serves as the regional Trauma Center for southern New Jersey including Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Ocean and Salem counties and acts as a resource for the Level II Trauma Centers in our region. On average, Cooper admits nearly 3,500 trauma patients each year, making it the busiest center in New Jersey. In addition, Cooper University Hospital serves as southern New Jersey's major tertiary care referral hospital for specialized services.

**Alfred I. duPont Hospital for Children**, located in Wilmington, DE, is a 300 acre in-patient and outpatient clinic dedicated to providing children in the Philadelphia and South Jersey area with state-of-the-art treatments for urological conditions. This facility is under the supervision of Dr. T. Ernest Figueroa, a board-certified and fellowship-trained pediatric urologist. All major pediatric urologic procedures are performed here.

**Voorhees Adult Urology Office and Surgical Center**, located in Voorhees, New Jersey, is a 60,000 square-foot facility attached to four outpatient surgical suites and one procedure room. This facility houses a multi-disciplinary adult clinic ranging from cardiology to hematology-oncology and other primary care disciplines. Urology shares space at this outpatient facility. This facility has in-house radiology and laboratory suites.

**Cooper University Hospital Adult Clinical Urology Clinic** provides a good procedural experience as well as an extensive outpatient experience, including both outpatient office visits and outpatient office procedures, such as cystoscopy and transrectal biopsy clinics. There is a wide breadth of general primary urology that is experienced at this facility. The clinic is staffed by one of our full-time faculty members and is attended by junior and senior urology residents. The clinic is held one half-day on Monday afternoons, Wednesday afternoons, and Thursday mornings.

**Christiana Care Health System**, one of the country's largest health care systems, ranks as the 22nd leading hospital in the nation and 12th on the East Coast in terms of admissions. A not-for-profit teaching hospital affiliated with Sidney Kimmel Medical College at Thomas Jefferson University, Christiana Care is recognized as a regional center for excellence in cardiology, cancer and women's health services. Christiana Care is also the home of the only adult kidney transplant program in the state. Residents spend two months during their PGY-4 year at this facility.



### Robotic Simulator

The Intuitive Surgical® Skills Simulator for the da Vinci Si and Xi Surgical Systems is available for use by all urology residents. A standardized training platform and graded training allows residents to quickly overcome their learning curve and prepares them to sit safely at the control console in the operating room. A number of skill exercises are available on the simulator which allow objective and reliable measurement of resident preparedness for actual cases.

All urology residents progress through the same standard curriculum, and there is one conference session per month dedicated to skills training. The simulator experience is invaluable for OR preparation and resident education, and eliminates the need to “practice” during live surgery.

### MD Anderson Cancer Center at Cooper

In October 2013, MD Anderson Cancer Center at Cooper opened a new, state-of-the-art, \$100 million, four-story, 103,050 sq. ft. comprehensive cancer center on Cooper’s Health Sciences Campus in Camden to expand access to outstanding cancer care for residents of southern New Jersey and beyond.

The new facility offers expanded programs and services in an environment that fosters a multidisciplinary team approach to medicine. In this dynamic environment, cancer specialists from various medical disciplines (medical oncology, radiation oncology, surgical oncology, gynecologic oncology and urology) conduct concurrent, complementary clinical sessions, fostering professional interaction and collaboration. The urologic oncology staff hold regular clinic hours at the cancer center, and the residents attend a half-day ‘in’ clinic per week on a rotating basis.

# heal

# Educational Conferences



A full range of academic conferences takes place at Cooper University Hospital, providing consistent forums for direct communication between the residents and faculty regarding the care of their patients. Dedicated time every Tuesday and Friday morning is devoted to resident education in order to allow residents ample protected time for academic activities.

## Urology Didactic Conferences

This weekly conference covers the core urology curriculum. Topics include core urology, medico-legal and ethical issues. Most of the conferences are discussions in a Socratic format, with the assigned faculty asking residents to explain specific aspects of the urologic topic under discussion. Some topics (such as fundamentals of chemotherapy, radiation therapy, renal transplantation, geriatrics, medico-legal, and risk management) are presented by experts outside of the department. Each resident is expected to present at least one conference per year. Topics are chosen by the resident, with approval from the faculty, to allow the residents to pursue areas of interest in more detail.

The conferences provide consistent forums for direct communication between the residents and faculty regarding the care of their patients.

## Journal Club (Monthly)

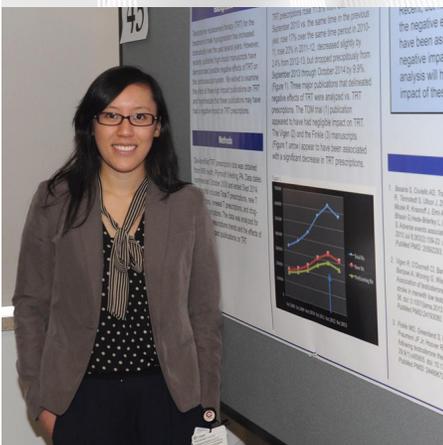
Each month the Urology department holds a Journal Club dinner to keep the residents and faculty up to date with current urology literature and to train them to read scientific articles critically by discussing pertinent articles from various urologic disciplines in the Journal of Urology, Urology, JAMA, NEJM, American Urology Associations (AUA) Evidence Based Reviews in Urology (EBRU), and other specialty-specific journals. Articles are selected by the Associate Program Director and span the breadth of urology articles. Each resident reviews their selected articles and completes a template which forces an organized and comprehensive approach to medical literature. The objective is to teach methods of study design, how outcomes are measured, and how to determine if the statistical methods used were appropriate for the type of study

## Morbidity and Mortality Conference

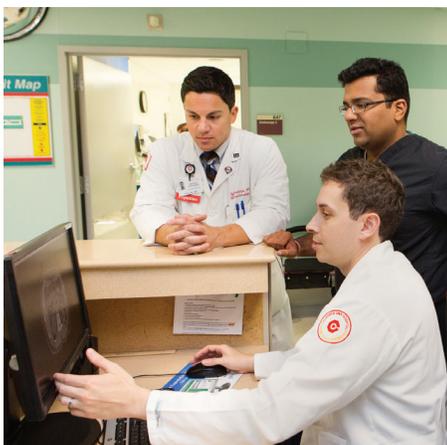
This monthly conference provides quality assurance and peer review for the Division of Urology by discussing all surgical cases from the previous month which merit educational discussion. Specific complications are presented by the resident who participated in the care of the patient, and the case is reviewed to analyze opportunities for patient care and process improvement.

## Uropathology Conference

This conference is set up as a topic-oriented conference reviewing normal and abnormal pathology of the entire genitourinary tract, led by a member from the Department of Pathology. The yearly schedule is based in part upon the previous year's topics and covers the major areas in urologic pathology: the prostate, bladder, testis, kidney, penis, and adrenal gland. To guide the pathology faculty, we use the American Urological Association genitourinary pathology curriculum.



## Educational Conferences *continued*



**A full range of  
conferences take  
place at Cooper  
University Hospital.**



Hailiu Yang, MD  
URO-3 Resident

### **Pediatric Urology Morbidity and Mortality Conference**

This conference is held on the second Wednesday of every month at DuPont Hospital for Children and teleconferenced with the urology staff at Cooper. Residents are assigned some of the cases that have educational value. They are expected to be familiar with the case and complication that occurred, be familiar with the Clavien classification of surgical complications, and be able to conduct a literature review that specifically addresses the complication and methods to prevent future recurrence.

### **Pediatric Urology AUA Core Curriculum Conference**

This conference is held every Monday morning and attended by all pediatric urology staff at DuPont Hospital. Residents are assigned topics based on the AUA core curriculum. Additionally, pediatric-specific topics on fluid management, postoperative pain control, and pediatric uro-radiology are arranged and presented by corresponding staff from the divisions of pediatric nephrology, anesthesia and radiology.

### **Multi-Disciplinary Cancer Conference**

This conference is attended weekly by academic faculty from urology, radiation oncology, genitourinary pathology, radiology, and medical oncology and is designed to discuss and employ the most up-to-date treatment of urologic cancers. This conference importantly highlights genitourinary malignancies and the multidisciplinary approach to patient care.

### **Basic Science Conference**

Dr. Michael DiSanto, Associate Professor Biomedical Sciences at CMSRU, conducts basic science review lectures with the urology residents and faculty throughout the academic year. Lectures include renal physiology, renovascular hypertension, clinical and research bioethics, biostatistics, neuro-urology physiology, etc.

# educate

# Curriculum

## Master Rotation Schedule

	July 1st – September 30th	October 1st – December 31st	January 1st – March 31st	April 1st – June 30th
PGY 5 <b>CHIEF</b> <b>URO-4</b>	In-Patient/Out-Patient Cooper University Hospital	In-Patient/Out-Patient Cooper University Hospital	In-Patient/Out-Patient Cooper University Hospital	In-Patient/Out-Patient Cooper University Hospital
	July 1st – September 30th	October 1st – December 31st	January 1st – March 31st	April 1st – June 30th
PGY 4 <b>URO-3</b>	In-Patient/Out-Patient Cooper University Hospital	Pediatric Urology Alfred I. DuPont Hospital for Children Campus	Renal Transplant/ Urologic Oncology In-Patient/Out-Patient Christiana Hospital/ MD Anderson Houston	UroGyn Cooper University Hospital/Kennedy Hospital
	July 1st – September 30th	October 1st – December 31st	January 1st – March 31st	April 1st – June 30th
PGY 3 <b>URO-2</b>	Pediatric Urology Alfred I. DuPont Hospital for Children Campus	In-Patient/Out-Patient Cooper University Hospital	In-Patient/Out-Patient Cooper University Hospital	In-Patient/Out-Patient Cooper University Hospital
	July 1st – September 30th	October 1st – December 31st	January 1st – March 31st	April 1st – June 30th
PGY 2 <b>URO-1</b>	In-Patient/Out-Patient Cooper University Hospital	In-Patient/Out-Patient Cooper University Hospital	In-Patient/Out-Patient Cooper University Hospital	In-Patient/Out-Patient Cooper University Hospital





**Cooper prides itself on tradition. For over 130 years, patients from Camden and the surrounding communities have come to Cooper University Hospital to receive a comprehensive range of health care services, including the highest level of tertiary care in the region.**

**Monthly Didactic Schedule Example**

Monday	Tuesday	Wednesday*	Friday
Adult Journal Club	Preoperative Conference		AUA Core Curriculum and AUA Updates; Uro-pathology Lecture
	Morbidity and Mortality	Pediatric Morbidity and Mortality	AUA Core Curriculum and AUA Updates; Tumor Board
	Preoperative Conference		AUA Core Curriculum and AUA Updates; Tumor Board
	Preoperative Conference		AUA Core Curriculum and AUA Updates; Tumor Board

# How to Apply



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Urology

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Office of Surgical Education  
Three Cooper Plaza, Suite 411  
Camden, NJ 08103

The Urology 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 websites listed below.

## Association of American Medical Colleges

[www.aamc.org/eras](http://www.aamc.org/eras)

Please submit the following information in order for your application to be considered:

- ERAS common application form
- Curriculum vitae
- Medical school transcript
- Two original letters of recommendation
- Dean's letter (MSPE)
- Personal statement describing your training goals and future career plans
- USMLE Report
- ECFMG certification (if applicable)

The program director and additional faculty members will review applicant files. Invitation for interview will be based upon their recommendations.

## Program Eligibility

Eligibility for the Urology Residency Program requires graduation from an accredited medical school. Individuals accepted for a position in the program must be U.S. citizen, classified as a resident alien, or hold a J-1 visa.

The application deadline for the 2019-2020 academic year is October 1, 2018.

# The Cooper Campus and Surrounding Area



**The expansion project at Cooper is a direct reflection of the growth in services that Cooper has experienced over the past several years.**



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

Cooper University Hospital is the center of a growing Camden health sciences campus that includes the hospital, Cooper Medical School of Rowan University (CMSRU), MD Anderson Cancer Center at Cooper, Sheridan Pavilion at Three Cooper Plaza medical offices, the internationally acclaimed Coriell Institute for Medical Research, 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 neighborhood parks and playgrounds, and outreach to programs into local schools.

The hospital's 312,000-square-foot, 10-story Roberts Pavilion features an expansive lobby and concourse, a restaurant and coffee shop, business center, gift shop, and chapel. State-of-the-art patient care facilities include private patient rooms, technologically advanced operating room suites with hybrid imaging capabilities, and an advanced laboratory automation facility. The Emergency Department features 25 beds, dedicated isolation suites, and autonomous CT scanning technology. Designated floors serve specific patient populations, including those needing advanced surgical and heart care, along with South Jersey's only dedicated 30-bed inpatient cancer unit.

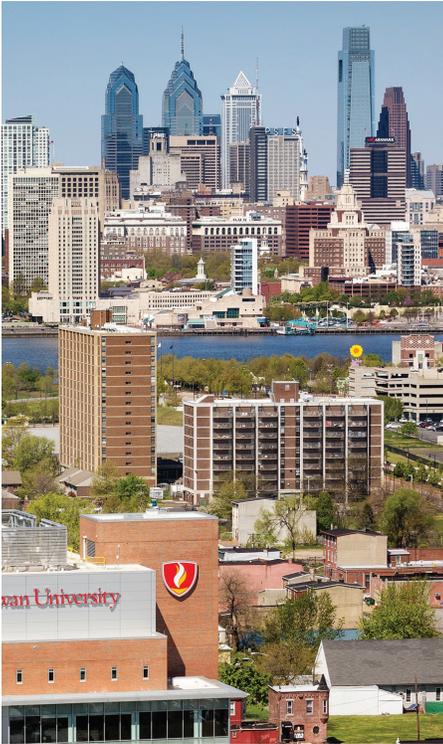
Also in the Roberts Pavilion is the 25,000-square-foot Dr. Edward D. Viner Intensive Care Unit—featuring 30 private patient rooms equipped with the latest in advanced technology, and allowing 360-degree patient access. Five patient rooms are capable of negative pressure isolation, and five rooms have chambered isolation alcoves. In addition, an enlarged room with operating room caliber lighting is outfitted to perform bedside exploratory laparotomy in patients considered too medically unstable for transport to the operating room.

Cooper University Health Care and MD Anderson Cancer Center in Houston, Texas, partnered in 2013 to create MD Anderson Cancer Center at Cooper. Our partnership is a full clinical integration between the two programs. MD Anderson at Cooper physicians adhere to the same philosophy, processes, and guidelines set by MD Anderson in Houston, and patients receive the same proven practice standards and treatment plans provided at MD Anderson. Today at MD Anderson at Cooper, patients have access to more clinical trials for more types of cancer than ever before, as well as a full range of supportive care services.

Advanced, comprehensive cancer services are provided at our Camden, Voorhees, and Willingboro campuses. Cooper Digestive Health Institute locations are fully accredited MD Anderson at Cooper locations providing

## The Cooper Campus and Surrounding Area *continued*

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innovative gastrointestinal cancer prevention, detection, and treatment services. Additional cancer clinical services are provided at multiple locations throughout the Philadelphia-South Jersey areas.

CMSRU's Medical Education Building is located on the Cooper Health Sciences Campus on South Broadway, between Benson and Washington Streets in Camden. The medical school, which opened in July 2012, was designed to support an innovative curriculum that integrates knowledge of basic science concepts, early clinical experience and patient care, self-directed learning, teamwork, and medical and non-medical activities for the greater community's benefit.

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 PATCO 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 Pavilion, 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.

# educate

# Cooper Camden Campus Map



The most up-to-date directions to Cooper University Hospital are available at:  
[CooperHealth.org/Locations](http://CooperHealth.org/Locations)

# campus



One Cooper Plaza · Camden, NJ 08103-1489 · [CooperHealth.edu](http://CooperHealth.edu)

Hospital Main Number: **856.342.2000**

Graduate Medical Education: **856.342.2922**