

2018-2019

**General Surgery
Residency Program**



**Our mission:
*to serve, to heal,
to educate.***

 **Cooper**
University Health Care

 **Cooper Medical School
of Rowan University**

Welcome from our Program Director



Steven E. Ross, MD

**“We prepare our trainees
to be capable, ethical,
and inquisitive general
surgeons.”**

Thank you for your interest in the General Surgery Residency at Cooper Medical School of Rowan University/Cooper University Hospital Program. Our goal is to develop surgeons with clinical and technical expertise, and a commitment to the science of surgery.

Cooper has been training surgeons for more than sixty years, and we have built upon that tradition to provide a strong clinical program with experience in advanced surgical practice and cutting edge research. Cooper University Health Care is a tertiary, academic health care system and the primary teaching hospital for the Cooper Medical School of Rowan University. Cooper boasts a busy urban Level I Adult Trauma Center, Level II Pediatric Trauma Center, and an extremely active Acute Care Surgery program. Our advanced Surgical Oncology Service has grown exponentially as part of MD Anderson Cancer Center at Cooper. Our faculty members have expertise in minimally invasive and robotic surgery, and the residents are intimately involved in these procedures. We have a dedicated Surgical Intensive Care Unit, staffed by critical care surgeons, as well as a busy medical ICU team. Patients with complex surgical problems are transferred to Cooper from the entire southern New Jersey region. This operative experience is available for surgical resident training providing excellent opportunities for broad general surgery training.

Between the second and third clinical years of this six-year program, the residents engage in a dedicated research year. The Division of Research provides opportunities in basic science and translational research. There are many opportunities for clinical research working with attending surgeons in a variety of specialties throughout the training program. The residents have been very productive in both peer-reviewed publication and presentation at national meetings.

We prepare our trainees to be capable, ethical, and inquisitive general surgeons. Our graduates have gone on to practice general surgery, and to fellowship training in a variety of specialties. A number have gone on to leadership roles in academic institutions and surgical societies.

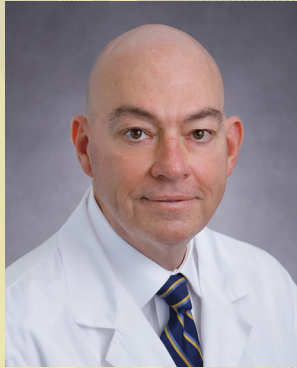
We encourage those who want to become excellent clinical surgeons, with the desire to understand and harness the science of surgery, to apply to our program. We welcome your interest and look forward to meeting you.

Steven E. Ross, MD

Program Director, General Surgery Residency

serve

A Note from the Department Chief



Jeffrey P. Carpenter, MD

“We provide a rich and varied training experience with a large and growing surgical volume.”

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 17 operating rooms, including two robotic rooms, a room equipped with a CT scanner, a room with an O-arm, a hybrid angiographic suite, and state-of-the-art laparoscopy rooms. We are in the midst of another OR expansion, adding eight rooms, including two rooms dedicated to interventional hybrid imaging.

The affiliation of Cooper with the world renowned MD Anderson Cancer Center to create the 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 60 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

heal

General Surgery Residency Program



“Teaching residents
for over 25 years
has proved to be a
tremendously
enjoyable and rewarding
part of my career.”

...

Jeffrey Carpenter, MD

Chairman and Chief,
Department of Surgery

The General Surgery Residency Program is a categorical track for medical school graduates wishing to achieve eligibility for the American Board of Surgery examination in the specialty of general surgery. Four medical school graduates are accepted into the first year of our six-year program in general surgery. The first, second, fourth, fifth, and sixth are clinical years. The third year is spent in research with limited clinical responsibility. Our residency program centers upon the principal components of general surgery, with an established curriculum that challenges the individual resident academically and technically. The goal of the program is to produce an effective, knowledgeable, and capable practitioner of the art and science of surgery.

The faculty practices provide a rich exposure to the principal components of general surgery including diseases of the head and neck, breast, skin and soft tissues, alimentary tract, abdomen, vascular system, endocrine system, comprehensive management of trauma and emergency surgery, and surgical critical care. There is also broad exposure to other subspecialties of surgery, including cardiothoracic, pediatric and plastic surgery. All clinical rotations are served at the main campus except for one month of solid organ transplantation in the third year, and three months in general and vascular surgery performed at a nearby community hospital during trainees' fourth year. A Surgical Skills Lab that encompasses both open and laparoscopic skills complements the clinical experience.

The goals of the research year are to acquaint the future surgeon with the process of surgical research so as to allow a critical appraisal of the literature as well as to emphasize academic productivity with both presentations and publications. The director of surgical research supervises this experience, developing a plan that focuses on areas of interest to the trainee. A vigorous basic science research program is ongoing at the main campus.

Many recent graduates have opted for further training in a discipline of general surgery. Fellowships have been obtained throughout North America in premier programs in breast, cardiothoracic, colorectal, endocrine, advanced laparoscopic, plastic, vascular, and trauma surgery.

The large number of full-time faculty at our campus in all surgical disciplines allows a close relationship between attending and resident. Our program emphasizes the importance of graduated responsibility for the trainee to foster development of surgical judgment. Emphasis is placed on ambulatory surgery and continuity of care between resident and patient.

educate

Department of Surgery Clinical Schedule



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

PGY-1

Rotation	Months
Acute Care Surgery	3
General & Bariatric Surgery	1
Surgical Oncology	2
Thoracic Surgery	1
Surgical Subspecialty	1
Surgical Critical Care	2
Night Float	2

PGY-2

Rotation	Months
Acute Care Surgery	1
Colorectal Surgery	1
Endoscopy	1
Pediatric Surgery	2
Surgical Oncology	1
Thoracic Surgery	1
Vascular Surgery	2
Surgical Critical Care	2
Night Float	1

Research Year

Rotation	Months
Research Fellowship	12

PGY-3

Rotation	Months
General Surgery – Community Hospital	2
General & Bariatric Surgery	1
Colorectal Surgery	1
Surgical Oncology	1
Thoracic Surgery	1
Transplant Surgery – Jefferson Hospital	1
Trauma	2
Vascular Surgery	1
Night Float	2

PGY-4

Rotation	Months
Acute Care Surgery	1
Colorectal Surgery	2
General & Bariatric Surgery	3
General Surgery – Community Hospital	1
Surgical Oncology	2
Vascular Surgery	1
Trauma	1
Night Float	1

PGY-5

Rotation	Months
Acute Care Surgery	4
Colorectal Surgery	4
General & Bariatric Surgery	4
Surgical Oncology	4

Subspecialty rotations include thoracic surgery, plastic surgery, and pediatric surgery.

How to Apply



Contact Information

Director:

Steven E. Ross, MD, FACS

Contact:

Cathi Cooney, Coordinator

Phone:

856-342-3012

Fax:

856-365-7582

E-mail:

gsprogram@cooperhealth.edu

Website:

cooperhealth.edu/residencies/
general-surgery

Address:

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

The General Surgery 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. All positions will be offered through NRMP; participation with National Residency Matching Program required.

Association of American Medical Colleges

www.aamc.org/eras

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

- Common application form
- Curriculum vitae
- Medical school transcript
- Two original letters of recommendation
- Dean's letter
- Personal statement describing your training goals and future career plans
- USMLE reports (1, 2ck + 2cs)
- ECFMG certification (IMG only)

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 General Surgery 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 2018-19 academic year is December 1, 2017.

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 health sciences campus that includes the hospital, Cooper Medical School of Rowan University, MD Anderson Cancer Center at Cooper, the internationally acclaimed Coriell Institute for Medical Research, Sheridan Pavilion at 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 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, health resource center, 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 too unstable for transport to the operating room.

MD Anderson Cancer Center at Cooper, a four-story, 103,050-square-foot center located on the Cooper Health Sciences Campus in Camden, is dedicated to cancer prevention, detection, treatment, and research. The center includes bright, spacious chemotherapy treatment areas, patient exam rooms, a conference center, and advanced diagnostic and treatment technologies.

The design incorporates an aesthetic approach to healing with abundant natural light, a rooftop Tranquility Garden, an illuminated floor-to-ceiling "Tree of Life" centerpiece, and more than 100 pieces of original art created by 71 New Jersey artists.

Cooper Medical School of Rowan University's (CMSRU) Medical Education Building is located on the Cooper Health Sciences Campus on South Broadway, between Benson and Washington Streets in Camden. The 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.

The Cooper Campus and Surrounding Area *continued*



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.

Cooper Campus Map



The most up-to-date directions to Cooper University Hospital are available at:
CooperHealth.org/Directions

campus



World Class Care. Right Here. Right Now.

George E. Norcross III
Chairman
Board of Trustees

Adrienne Kirby, PhD, FACHE
President and Chief Executive Officer
Cooper University Health Care

One Cooper Plaza · Camden, NJ 08103-1489 · CooperHealth.edu

Hospital Main Number: **856-342-2000**

Graduate Medical Education: **856-342-2922**