

2019-2020

**Emergency Medical Services
Fellowship Program**



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

 **Cooper**
University Health Care

 **Cooper Medical School
of Rowan University**

Program Director's Message



Rick Hong, MD, FACEP
EMS Fellowship Program Director

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Thank you for your interest in the Emergency Medical Services Fellowship Program at Cooper. Since establishing the Division in September 2007, I have witnessed growth and expansion of Cooper's role in EMS, Disaster Medicine, and Transport Medicine within the community, southern New Jersey, the state, and beyond. When the Division of EMS/Disaster/Transport Medicine was first instituted, it was staffed by a paramedic and me. Now, with a team of EMS Medical Directors, nurses, and paramedic coordinators, each with experience and passion for EMS, we provide medical direction for over 20 agencies in southern New Jersey, including Basic Life Support, transport companies, training centers, and an air medical unit. Cooper has also been active in disaster preparedness and response, deploying disaster response teams to areas such as those affected by the Haiti earthquake, Hurricane Irene, and Hurricane Sandy. Our team works closely with the NJ Department of Health to support progressive EMS initiatives and emergency management.

Our most recent exciting initiative is the provision of EMS in the City of Camden as of January, 2016. This is the first EMS system that Cooper has ever operated, which gives fellows and residents a unique opportunity to be involved in a busy urban EMS system that provides both basic and advanced life support. The unique healthcare economics in the City of Camden may lead to additional projects involving EMS that go beyond the delivery of emergency care, including mobile integrated health services and other community health initiatives.

My academic responsibility as Division Head is to provide the residents the necessary knowledge and skills to work collaboratively with EMS and to function effectively during a disaster. We have restructured the EMS curriculum to give residents experience in out-of-hospital care, EMS systems, and EMS medical direction, as well as incorporated fundamental disaster principles such as incident command and mass triage. Residents are also trained to become medical command physicians. A well-received component of their education is going to the County Regional Emergency Training Center and participating in EMS skills stations so that they can experience the difficult challenges routinely encountered in the field. Our team has also been invited to deliver education to our medical students at the Cooper Medical School of Rowan University.

As the Division continues to grow operationally and academically, I believe that Cooper has a responsibility and desire to train future generations of physicians with an interest in EMS and Disaster Medicine. In 2013, our first fellow graduated from our fellowship training program in EMS and Disaster Medicine. In 2015, we proudly received initial accreditation from ACGME for our EMS Fellowship Program when EMS was recognized as a subspecialty by the American Board of Emergency Medicine. I am very humbled by our first ACGME Accreditation Site Visit in May, 2017. Despite being a new program, we were able to meet the expectations of the surveyor. The surveyor highlighted the faculty as a strength of the program. These educators, including a core faculty of board-certified and board-eligible EMS physicians, are committed to the program and bring individual experiences and interests that really give fellows a wide range of opportunities to explore, including pediatrics, public health, and special operations.

Program Director's Message continued

Graduates from this program are eligible to take the subspecialty board certification exam in EMS. There are challenges in starting a new fellowship program, but we were fortunate to have a very successful first year as an accredited program. Our fellows continue to build relationships with Cooper EMS. Their professionalism and communication skills were appreciated by the EMS providers, and they quickly became valued as members of the EMS team, incorporating the role of EMS physicians in education, training, and the performance improvement process to empower EMS providers in prehospital care. They also make contributions to the academics of EMS through regional and national presentations, including Cooper's first presence at the NAEMSP annual meeting with three poster presentations.

As a board-certified physician in both Emergency Medicine and Emergency Medical Services, I am driven to support the continued growth of EMS and look forward to training future EMS physicians.

Rick Hong, MD, FACEP

EMS Fellowship Program Director

Cooper Emergency Medical Services

Our Team

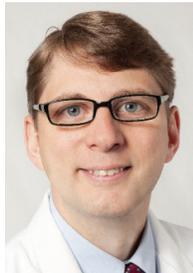
The EMS program at Cooper is recognized by the EMS community for its commitment to improving the overall quality of pre-hospital care in New Jersey. The medical direction team includes physicians from emergency medicine, pediatrics, trauma, EMS and disaster medicine, as well as EMS Outreach Coordinators and a Chief Flight Nurse, demonstrating outstanding leadership and dedication in the field of EMS.



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serve

Emergency Medical Services (EMS) Fellowship Program



Cooper University Health Care offers a one-year, ACGME-accredited fellowship training program to prepare physicians for the practice of emergency medical services (EMS), a clinical specialty that includes the care of patients in all environments outside of traditional medical care facilities such as clinics, offices, and hospitals.

Cooper's emergency department has an annual census of approximately 80,000 patients, of which approximately 25 percent arrive by EMS. As the regional Level I Trauma Center, Level II Pediatric Trauma Center, and a tertiary care facility, Cooper receives patients from the city of Camden and from the surrounding communities within southern New Jersey. In 2016, we became the new provider of EMS in Camden giving our fellows and residents direct involvement in both the development and maintenance of the city's EMS system, with potential for additional projects involving EMS given the unique urban healthcare economics, such as Mobile Integrated Health Care.

New Jersey EMS has a unique two-tiered system, providing both Basic and Advanced Life Support services. Basic Life Support (BLS) services are generally responsible for patient hospital transports and include both career and volunteer providers. Mobile Intensive Care Units (MICUs) are operated by licensed, acute-care hospitals and are bound by a state-issued certificate of need, which allocates sole-provider service areas to specific hospitals. The JEMSTAR Air Medical Program was designed to provide rapid emergency transport and care for trauma patients in New Jersey. Several privately-operated air medical providers are also licensed to provide scene and inter-facility transports.

Through the Division of EMS/Disaster/Transport Medicine, our physicians provide medical direction for many EMS agencies in southern New Jersey, transport companies, and Cooper 1. Our robust medical direction program promotes physician involvement with agencies to empower the EMS community to provide the highest level of care through standardized protocols, online medical command from our emergency department, chart review, real-time feedback at scenes, competency-based training, and open lines of communication with the EMS Medical Directors. More importantly, the team has built relationships with various public and private stakeholders to offer support and expertise during routine and disastrous times and has participated in local, regional, and state initiatives involving EMS and Disaster Medicine. As the Southern Regional Medical Coordination Center, our regional health preparedness and response facility supports the integrity of the health care system during a large-scale event or a public health emergency. Responsibilities include the collection and collation of regional health information, situation awareness, the monitoring of health care system performance and capacity, support to health care system logistic requests in coordination with state and local agencies, and other operations as determined by the NJ Department of Health.

Since the development of an EMS fellowship in 2012, our fellows have been successful in pursuing opportunities within EMS. Graduated fellows have successfully expanded roles within EMS to include medical directorships, creation of new EMS programs in Tactical and Wilderness EMS, and political support for the EMS community. Fellows have been recognized by the EMS community, peers, and governmental bodies as leaders in the field of EMS during and after their fellowship training.

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Emergency Medical Services (EMS) Fellowship Program continued



Despite the dynamics of a new fellowship program, our first fellow to graduate in 2017 took the opportunity to make a significant impact to the program. His feedback regarding orientation, the didactic series, the EMS field experience, and overall curriculum will help with the recruitment and training of future EMS physicians. With this success, relationships between the fellowship program and Cooper EMS have been established to provide future fellows the experience of a busy urban EMS system. As a result, Cooper has invested in a second physician response vehicle to support the fellowship program and overall physician response to field calls.

Curriculum



Fellows gain the skills and knowledge that are the foundation of EMS through an established fellowship program that has been accredited by ACGME since July 1, 2015. The curriculum encompasses the Core Content of EMS Medicine as defined by the American Board of Emergency Medicine. The curriculum has flexibility based on the needs and interests of the fellows and on the evolving field of EMS. The fellows will have experience in multiple EMS systems and will understand how each system participates collaboratively in the overall delivery of out-of-hospital care.

Sample Electives:

- Disaster Medicine
- Out-of-State EMS
- Tactical Medicine
- Public Health
- Wilderness Medicine
- Additional Research/Scholarly Activity

Block*	1	2	3	4	5	6
Experience Name	Emergency Department	Emergency Department	Advanced Life Support	Advanced Life Support	Basic Life Support	Basic Life Support
Experience Leader	Program Director	Program Director	EMS Medical Director	EMS Medical Director	EMS Medical Director	EMS Medical Director

Block*	7	8	9	10	11	12
Experience Name	Air Medicine/ Ground Transport	Quality Management	Research	Special Operations	Elective	Conferences/ Vacation
Experience Leader	EMS Medical Directors	EMS Medical Director	Program Director	Program Director	Program Director	Program Director

* Blocks summarize the individual experiences throughout the year and are not confined to calendar months.

Educational Conferences/Activities



A didactic program developed by the program faculty and based upon the core knowledge content of emergency medical services will supplement the core curriculum. An average of at least three hours per week of scheduled didactic sessions will include presentations based on the defined curriculum, administrative seminars, journal review, morbidity and mortality conferences, and research seminars.

Sessions may include joint conferences co-sponsored with emergency medicine and other disciplines. Fellows will also have an opportunity to plan and conduct didactic experiences for the Emergency Medicine Residency Program.

To enhance the educational experience, fellows will be required to attend the National Association of EMS Physicians (NAEMSP®) Medical Directors Course and Practicum and the NAEMSP® Annual Meeting in January. Fellows will also attend the New Jersey Statewide Conference on EMS in November. These events will give fellows opportunities to network with experts on the national and state levels and to learn about best practices and advances in EMS.

Fellows will also participate in the National Disaster Life Support (NDLS) courses, a series of educational programs to better prepare health care professionals and emergency response personnel for mass casualty events, at the Regional Training Center at Cooper University Hospital. In addition, fellows will complete the online Independent Study Program in Incident Command System, provided by the Federal Emergency Management Agency (FEMA).

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How to Apply



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Camden, NJ 08103

The EMS Fellowship Program at Cooper University Health Care will review the following materials from interested candidates for consideration starting June 1, 2018.

- Curriculum vitae
- Medical school transcript
- Three original letters of recommendation, one of which must be from your current or most recent training director
- Personal statement describing your training goals and future career plans
- ECFMG certification (IMG only)
- USMLE reports (1,2 and 3)

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

Program Eligibility

Eligibility for the EMS Fellowship Program requires a minimum of three years of ACGME medical training in emergency medicine. Individuals accepted for a position in the fellowship program must be U.S. citizen, classified as a resident alien, or hold a J-1 visa.

The application deadline for the 2019-20 academic year is October 1, 2018.

educate

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



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