

The Emory Emergency Medicine Residency Training Program General Information:

About the Program

Thanks to the pioneering efforts of Dr. John Stone, the first Emergency Medicine residents were accepted at Emory University in 1975. Since then, our residency program has grown to its current size of 54 residents.

Coming from diverse backgrounds and regions of the country, our residents all share a uniformly high caliber of achievement and a strong commitment to our specialty. Some have postgraduate experience in other fields; however, most enter the program directly from medical school. Our residents complete a 36-month curriculum beginning on July 1.

Emergency Medicine became an autonomous academic department within the School of Medicine in 1998. The first Chair of the Department of Emergency Medicine is Arthur Kellermann, MD, MPH. Dr. Katherine Heilpern was named Ada Lee and Peter Carroll Professor and Chair of Emergency Medicine in August, 2007. The Residency Program Director is Philip Shayne, MD.

The Emergency Medicine Residency Program's mission is to prepare each resident to pursue whatever career path in Emergency Medicine he or she chooses. Each graduate of our training program should have the essential knowledge base in all aspects of Emergency Medicine, including clinical practice, teaching, research, and administration of our specialty. The training mission embraces the core competencies of patient care, medical knowledge, practice-based learning and improvement, interpersonal and communication skills, professionalism, and systems-based practice. There are many unique opportunities in Emergency Medicine at Emory University that help us accomplish the goal of producing competent Emergency Medicine physicians.

The clinical experience of the program is superb. The diversity of pathology and the high acuity of our patient population at Grady Memorial Hospital provide excellent training. Grady Memorial Hospital is the public hospital for the Atlanta metro area and is the only level-one trauma center for the region. The high volume of patients and patient procedures significantly enhances the education of the Emergency Medicine residents. In addition, Emergency Medicine residents rotate each year through the new, state-of-the-art emergency department at Emory Crawford Long Hospital. Emory University Hospital adds the complexity of a complicated referral population and the intellectual community of the University.

The large and diverse faculty in the Department of Emergency Medicine enhances an already enriched learning environment for residents. We have recognized experts in injury prevention and control, evidence-based medicine, and pain management. Our faculty controls prehospital medical direction on the ground and in the air for the majority of the Atlanta metro area. Three faculty members are board-certified Medical Toxicologists, provide medical direction for the Georgia Poison Center, and have developed a joint Toxicology fellowship with the Centers for Disease Control and Prevention (CDC). Numerous faculty have joint appointments in the Rollins School of Public Health, and several have joint appointments with the CDC. Each faculty member has a full appointment in the Department of Emergency Medicine and has significant

clinical responsibilities supervising resident and medical student education in the Emergency Departments of our three main hospitals. This diverse expertise significantly stimulates and enhances resident learning.

The Department of Emergency Medicine is recognized as a role model for diversity in academic medicine and is committed to the recruitment and retention of highly qualified, under-represented minorities in the faculty and residency program. Residents are recruited nationally and represent a broad range of interests and backgrounds. Each resident is paired with a faculty member to serve as a mentor and to monitor their academic progress, compliance with program requirements, and ensure their well-being. Physician wellness is emphasized by the school and program leadership. Protected time for residents includes an annual educational weekend retreat in the Georgia mountains to promote unity, wellness, and identify areas for improvement and change.

The Emergency Medicine Residency Program of the Emory University School of Medicine is designed to meet all requirements of the American Board of Emergency Medicine (ABEM) and the Residency Review Committee of Emergency Medicine, the residency credentialing body of the Accreditation Council for Graduate Medical Education (ACGME). Our residents have an excellent performance record on both the written and oral parts of the certifying examination. The Emergency Medicine Residency Program is fully accredited by the ACGME, as is the Emory University School of Medicine and all of its residency programs. Emory University fully supports the ACGME work hour requirements.

The Emory University School of Medicine is one of the best in the country, and the faculty and teaching in all Departments are uniformly excellent. Most of the other residency programs are also highly competitive. The result is a superior experience on off-service rotations. The unique opportunities afforded by an elite institute of higher learning, coupled with an inner-city public hospital, a large and organized faculty, with the addition of resources such as the CDC, Rollins School of Public Health, and monopoly of the EMS system makes the Emory program in Emergency Medicine an excellent training ground for young physicians.

Curriculum

The curriculum for the residency program has been carefully constructed to provide each resident with thorough training in all facets of Emergency Medicine - preparing the graduate for a career in either academic or private practice Emergency Medicine.

Approximately 60 percent of each resident's training takes place in the Emergency Care Center of Grady Memorial Hospital. The remaining training is in areas chosen for their special relevance to Emergency Medicine.

The curriculum is continually reevaluated and updated to maintain the best possible educational experience available in Emergency Medicine. Entering residents can expect a curriculum similar to the current three-year rotation schedule outlined below. Defined educational objectives are outlined for each block and syllabus materials are provided to assist the residents in structuring their education.

Rotation Schedule

EM 1		
ROTATION	LOCATION	MONTHS
Emergency Medicine	Grady Memorial Hospital ECC	3
Pediatric Emergency Medicine	Hughes Spalding Hospital	2
Emergency Medicine	Emory Crawford Long Hospital	1
Anesthesiology	Emory Crawford Long Hospital	1
Internal Medicine	Grady Memorial Hospital	1
Medical Intensive Care Unit	Grady Memorial Hospital	1
Obstetrics/Gynecology (WUCC)	Grady Memorial Hospital	1
Orthopaedics – ED Procedures	Grady Memorial Hospital	1
Otolaryngology/Ophthalmology	Grady Memorial Hospital	1
EM 2		
ROTATION	LOCATION	MONTHS
Emergency Medicine	Grady Memorial Hospital ECC	5
Emergency Medicine	Emory Crawford Long Hospital	1
Pediatric Emergency Medicine	Egleston Hospital	1
Multidisciplinary ICU	Emory Univ. Hospital	1
Prehospital Care (EMS)	Grady Memorial Hospital	1
Selective	Emory Affiliated Hospital	1
Surgical Intensive Care Unit	Grady Memorial Hospital	1
Toxicology	Georgia Poison Center Grady Memorial Hospital	1
EM 3		
ROTATION	LOCATION	MONTHS
Emergency Medicine	Grady Memorial Hospital ECC Egleston Hospital Emory University Hospital Emory Crawford Long Hospital	8
ED Administration/Academics	Emory University Hospital	1

Pediatric ICU	Egleston Hospital	1
Selective	Emory Affiliated Hospital	1
Trauma Surgery	Grady Memorial Hospital	1

Accreditation

The residency program in Emergency Medicine at Emory University School of Medicine is designed to meet all requirements of the American Board of Emergency Medicine and the Residency Review Committee of Emergency Medicine, the residency credentialing body of the Accreditation Council for Graduate Medical Education. Our residents have an excellent performance record on both the written and oral parts of the certifying examination.

The Emergency Medicine program is fully accredited by the ACGME till 2012, as is the Emory University School of Medicine and all of its residency programs. Emory fully supports the ACGME work hour requirements.

Conferences

Didactics are considered a key component of the Emergency Medicine Residency Program. Each resident begins the program with ACLS, ATLS, and PALS certification. There are five hours of weekly didactic conferences given by Emergency Medicine faculty, residents, and guest lecturers. The conferences are arranged around a modular curriculum with each module focusing on a specific topic. Faculty provide extra coverage in the emergency departments to allow all residents to attend each conference. Each module incorporates core lectures, case conferences, text reviews, and testing questions designed to maximize learning for board preparation. Our residency program also offers a monthly journal club didactic methodology session which includes article reviews. These sessions are typically held at a faculty home in the evenings.

In addition to the Emergency Medicine conference schedule, Emergency Medicine faculty and residents teach a lecture series geared towards rotating interns and medical students. The lectures are held every Thursday in the Emergency Care Center at Grady Memorial Hospital. The other clinical services of Grady Memorial Hospital provide a large number of formal conferences on a weekly basis. Similarly, the other hospitals of the residency program provide numerous opportunities to attend conferences on diverse subjects pertinent to Emergency Medicine residents.

Resident Resources

Emory residents have full access to all the resources of a premier University and School of Medicine. This includes athletic facilities and cultural opportunities, performing arts and broad internationalism on a sprawling green campus. The main Emory campus is located within the city, 20 minutes from the downtown location of Grady where the residency is based.

The Emory University Medical Library Network provides the extensive facilities one would expect from a nationally prominent medical school. This includes a broad range of on-line resources. In addition to the main library branch on the Emory University campus, the Grady Memorial Hospital branch and the Emory Crawford Long Hospital branch provide convenient access to reference materials. The exceptional support of the library staff coupled with extensive

computer facilities provide ready access to pertinent library materials and computerized medical database systems.

The Emory School of Medicine opened up a beautiful new medical education building on the Emory campus in 2007. Besides classroom, OSCE centers and cadaver lab, there is a spacious new simulation space named the Experiential Center for Learning (EXCEL). This resource is under the direction of Douglas Ander, MD who is Associate Professor of Emergency Medicine, Assistant Dean for Simulation, and Director of Undergraduate Education.

The Department of Emergency Medicine maintains a library specifically for the use of Emergency Medicine residents and faculty within its offices at the Steiner Building on the Grady Memorial Hospital campus. In addition, a reference library is available in the Grady ECC residents' office.

The University provides multiple virtual resources for residents. The Internet is readily accessible and dial-up internet service with e-mail accounts are provided free of charge for residents through the University. The residents' office contains multiple PCs dedicated for resident use. The University provides high level on-line resources, as well as complimentary access for residents to OVID and MDConsult. In addition, a satellite emergency medicine residents' office has been set up in the ECC. Its liberal use for focused real-time patient care questions is encouraged.

Faculty

Jeremy Ackerman, M.D., Ph.D.
Douglas S. Ander, M.D., F.A.C.E.P.
Roy D. Ary, M.D.
Hany Y. Atallah, M.D.
Patricia A. Baines, M.D.
Barry Baker, M.D.
Todd J. Berger, M.D.
Jann L. Blanton, M.D.
J. Shelby Bowron, M.D., M.P.H., M.R.O.
James P. Capes, M.D., F.A.C.E.P.
Arthur S. Chang, M.D.
Timothy E. Davis, M.D., M.A., M.P.H.
Damon M. DellAglio, M.D.
Barry M. Diner, M.D., M.P.H.
Mary Ann Edens, M.D.
Matthew Everett, M.D.
Jason B. Fox, M.D.
Nicole M. Franks, M.D.
Matthew Graber, M.D.
Ian B. Greenwald, M.D.
Leon L. Haley, Jr., M.D. M.H.S.A.
Kathryn L Hall-Boyer, M.D.
Katherine L Heilpern, M.D., F.A.C.E.P.
Sheryl L. Heron, M.D., M.P.H., F.A.C.E.P.
Jeremy Hess, M.D., M.P.H.

Douglas W Lowery-North, III, M.D.
Lisa R. Mack, M.D.
Ricardo Martinez, M.D.
Kerri L. Mason, M.D.
Iyesatta Massaquoi, M.D.
Bryan F. McNally, M.D., M.P.H.
Brooks L. Moore, M.D.
Rumm M. Morag, M.D.
Brent W. Morgan, M.D.
Nimmi Natarajan, M.D.
Eric Noji, M.D., M.P.H.
Kathleen T. O'Donnell, M.D.
Kevin A. Osgood, M.D.
Eric W. Ossmann, M.D.
Alan J. Otsuki, M.D.
Manish M. Patel, M.D.
Nicki T. Pesik, M.D.
Stephen R. Pitts, M.D., M.P.H.
Daniel A. Pollock, M.D.
Terri Melvin Pruit, M.D.
Tammie E. Quest, M.D.
Junaid A. Razzak, M.D.
Bisan A. Salhi, M.D.
Scott M. Sasser, M.D., F.A.A.E.M.
Joshua G. Schier, M.D.

Emily L. Hirsh, M.D.
Benjamin R. Holton, M.D.
Debra E. Houry, M.D., M.P.H.
Chad P. Huot, M.D.
Alexander P. Isakov, M.D., M.P.H.
Maureen Letts, Joyner, M.D.
Varnada A. Karriem-Norwood, M.D.
Maureen Letts, Joyner, M.D.
Matthew T. Keadey, M.D.
Arthur L. Kellermann, M.D., M.P.H.,
Christine E. Keyes, M.D.
Richard Kleiman, M.D.
Benjamin Rhys Lam, M.D.
Melissa J. Lamberson, M.D.
Denise S. Lawe, M.D.
Jason Liebzeit, M.D.
John H. Lloyd, M.D.

Michael Schwartz, D.O.
David G. Schwegman, M.D.
Philip H. Shayne, M.D.
Shruti Singal, M.D.
Edward A. Stettner, M.D.
Mark E. Sutter, M.D.
Jerry D. Thomas, M.D.
Byron P. Thompson, M.D.
Todd E. Vermeer, M.D., M.B.A.
Joshua N. Wallenstein, M.D.
Richard Y. Wang, D.O.
Matthew A. Wheatley, M.D.
Melissa H. White, M.D., M.P.H.
David W. Wright, M.D.
Daniel T. Wu, M.D.
Arthur H. Yancey, II, M.D., M.P.H.

Current Residents

Recruited from all over the country, Emory University Department of Emergency Medicine residents train alongside high-functioning residents in other specialties to foster both personal and professional collegiality. This approach prepares residents for careers in a field where the interface with all specialties is of great importance. Each year, residents have progressively increased responsibility in the emergency departments.

Teaching activities for residents are multiple and diverse. All residents are involved as lecturers for the emergency department's didactic conferences. In 2002, the Emergency Medicine Residency Program increased its class size to 18 residents per year. The program currently has 54 residents.

Our department also provides courses for a mandatory Emergency Medicine rotation for medical students from Emory University SOM and for visiting students and residents rotating in the Grady Memorial Hospital Emergency Care Center (ECC) and the Emory University and Emory Crawford Long Hospital emergency departments.

Residents may certify as instructors in ACLS and ATLS and participate in continuing medical education courses for prehospital providers. The Department of Emergency Medicine pays for residents to be members of ACEP, EMRA, and SAEM throughout their training. These memberships are financially supported by the Department of Emergency Medicine throughout their training. Financial support is also available for residents interested in attending conferences.

Residents graduate with the ability to practice independently in any demanding emergency department in the country. Roughly 25 percent of our graduates stay in academics and have an excellent track record of obtaining the faculty position or fellowship of their choice. The majority of our residents enter community practices and are recruited nationally. As the only training program in Atlanta, Emory University Emergency Medicine residents have the advantage in the regional market.

You may direct correspondence to any Emory University Emergency Medicine resident through the Emergency Medicine chief residents at emcr@listserv.cc.emory.edu

You may also wish to view a list of our current residents below.

Class of 2008	
RESIDENT	MEDICAL SCHOOL
Angela Bogle, MD	Iowa Carver College of Medicine
Michael Dinerman, MD	Medical College of Georgia
Michelle Dumler, MD	Wayne State University School of Medicine
Mboh Elango, MD	Morehouse School of Medicine
Michele Flagge, MD	Yale University School of Medicine
Samuel Graitcer, MD	Medical College of Georgia
Michael Greenberg, MD	University of Miami School of Medicine
Krista Jahnke, MD	Texas Tech University School of Medicine
Alicia Knowles, MD	Wayne State University School of Medicine
Andre Matthews, MD	Yale University School of Medicine
Sudave Mendiratta, MD	Vanderbilt University School of Medicine
Tene Osahar, MD	Morehouse School of Medicine
John Perrin, MD	Emory University School of Medicine
Noelle Phillips, MD	University of New England College of Osteopathic Medicine
Bridget Quinn, MD	University of Vermont College of Medicine
Sienna Steckel, MD	University of California - San Francisco School of Medicine
Tamaurus Sutton, MD	University of North Carolina School of Medicine
Class of 2009	
RESIDENT	MEDICAL SCHOOL
Carty Beck, MD	Eastern Virginia Medical School
Caron Cook, MD	University of Florida College of Medicine
Jonathan Cooperman, MD	Technion Israel Institute of Technology
Lyndsay Frankenberg, DO	University of Health Sciences (Kansas City)

	University of Medicine and Biosciences)
Aydin Huq, MD	Bangladesh Medical College
Patrick Kane, MD	Creighton University School of Medicine
Felicia King, MD	University of Texas Medical School at Galveston
John Limehouse, MD	Medical University of South Carolina College of Medicine
Robin Lowman, MD	Case Western Reserve University School of Medicine
Adam Marchak, MD	Medical University of Ohio
Sarah Jane Reedy, MD	Emory University School of Medicine
Ebony Rucker, MD	Wayne State University School of Medicine
Deborah Shipley, MD	University of Missouri Kansas City School of Medicine
Nichole Smith, MD	University of Kansas School of Medicine
Tessa Smith, MD	Medical College of Georgia
Mrunalee Vickers, MD	Morehouse School of Medicine
Gina Voci, DO	Arizona College of Osteopathic Medicine of the Midwestern University
Daniel A. Zirkin, MD	University of South Alabama College of Medicine
Class of 2010	
RESIDENT	MEDICAL SCHOOL
Bradford Bellard, MD	University of Texas Southwestern Medical School in Dallas
Ajay Bhatt, MD	Rosalind Franklin University of Medicine and Science
Connie Chan, MD	University of Maryland School of Medicine
Jeremy Chou, MD	University of Maryland School of Medicine
Patrick Eagleson, MD	Mercer University School of Medicine
Melissa Evans, MD	Emory University School of Medicine
Mark Fenig, MD	Sackler School of Medicine
Eli Klovee-Smith, MD	University of Washington School of Medicine
George Leach, MD	Emory University School of Medicine

Nidhi Mahendru, MD	Philadelphia College of Osteopathic Medicine
Wendi Miller, MD	Wayne State University School of Medicine
Nicole Mlynski, MD	Northwestern University Feinberg School of Medicine
Nicholas Moseley, MD	Mercer University School of Medicine
Vinh Ngo, MD	University of Texas Medical Branch at Galveston
Rachel O'Malley, MD	Wake Forest University Bowman Gray School of Medicine
David Powell, MD	Morehouse School of Medicine
Kelley Ralph, MD	Indiana University School of Medicine
Seema Sharma, MD	Northwestern University Feinberg School of Medicine

About Atlanta

Emory University is located in the beautiful Druid Hills area of Atlanta. With a population of over four million people, Atlanta is one of the nation's most dynamic cities, serving as the business and transportation center of the Southeast. Located only one hour from Lake Lanier and two hours from the North Georgia Mountains, home to some of the best white-water rafting in the eastern US. The city offers tremendous recreational opportunities for individuals, couples, and families.

Sports enthusiasts will appreciate Atlanta's commitment to professional and amateur athletics. The city is home to major league baseball, football, basketball, and hockey teams, and hosts the largest 10K race in the world, [Peachtree Road Race](#), held annually on July 4.

Cultural offerings include the [Atlanta Symphony Orchestra](#), opera and ballet companies, the [High Museum of Art](#), and Emory's [Michael C. Carlos Museum](#), showcased in Archeology magazine, along with a variety of events in the visual arts, music, and theater.

The Atlanta-Montreux International Music Festival is held here annually. Take a look at the [King Center](#), the [Carter Center](#), the [Fernbank Science Center and Natural History Museum](#), as well as Atlanta's colleges and universities, arts organizations and museums, professional sports teams, outdoor activities and restaurants. Also of interest are the Web sites for nearby vacation spots including [Hilton Head](#), South Carolina; [Sea Island](#), Georgia; and the [Callaway Gardens](#).

Application

Thank you for your interest in the Emergency Medicine Residency Program at Emory University School of Medicine.

The program is fully accredited by the Residency Review Committee for Emergency Medicine of the Accreditation Council for Graduate Medical Education (ACGME) until 2012. The three-year program follows a post-graduate 1-3 (EM 1-3) format. The class size is 18 residents per year.

We choose residents based on a strong medical school performance with an emphasis on the clinical years. Letters of recommendation, impressions from the interview, and medical school records are the primary determinants of rank level. We look for a diverse group of well-rounded individuals who will enjoy the challenges and rewards of caring for critically ill patients in a high-volume, inner-city, university-based academic center. A sense of humor, desire to learn, and an ability to work well with others are traits which are valued highly.

The program selects from among eligible applicants on the basis of their preparedness, ability, aptitude, academic credentials, communication skills, and personal qualities such as motivation and integrity. The program does not discriminate with regard to sex, race, age, religion, color, sexual orientation, national origin, disability, or veteran status.

The Emory University Emergency Medicine department participates in the Electronic Residency Application Service (ERAS) of the Association of American Medical Colleges. As a result, we do not accept paper applications. Minimum application requirements are the common application form, a personal statement, school transcript, Dean's letter, and three letters of recommendation - at least one of which should be from Emergency Medicine faculty.

The program also participates in the National Resident Matching Program (NRMP) [Toll Free number, 1-866-617-5837 or <http://www.nrmp.org/contact.html>] and all of our positions are available exclusively through the NRMP. You should contact the NRMP directly at 202-828-0676 for appropriate information concerning the EM-1 match in Emergency Medicine. The Department of Emergency Medicine does accept applicants with prior residency training, but does not give credit toward residency completion for any prior training. All Emory Emergency Medicine residents must complete all three years of the curriculum. All interviews are by invitation only. Application review begins in September and invitations for interviews are sent in October and November. The deadline for receiving applications for matriculation in the class starting July 2007 is November 1, 2006.

Information about the Emory University Emergency Medicine M4 Clerkship is available under Undergraduate Education.

All of the above information is subject to change. If you have additional questions, please contact us at emres@emory.edu or call at 404-616-6673.

Contact Us

Emergency Medicine Residency Program

Emory University School of Medicine

49 Jesse Hill, Jr. Drive

Atlanta, GA 30303

phone: 404-616-6673 404-616-0191 fax

emres@emory.edu

Residency Program Director

Philip Shayne, MD, FACEP

pshayne@emory.edu

Associate Residency Directors

Benjamin R. Holton, MD, FACEP

bholton@emory.edu

Sheryl Heron, MD MPH, FACEP

sheron@emory.edu

Assistant Residency Directors

Todd J. Berger, MD

tberger@emory.edu

Lisa R. Mack, MD, FACEP

lisa.mack@emory.edu

Director of Medical Student Clerkship

Douglas A. Ander, MD, FACEP

dander@emory.edu

Program Coordinator

Sharon Ashley

emres@emory.edu

Emergency Medicine Chief Residents

Michelle Dumler, MD

Michael Greenberg, MD

Sudave Mendiratta, MD

emcr@listserv.cc.emory.edu (chief resident listserv)

Updated 10-24-2007