ALBERT EINSTEIN COLLEGE OF MEDICINE

CHILDREN’S HOSPITAL AT MONTEFIORE

PEDIATRIC EMERGENCY MEDICINE FELLOWSHIP PROGRAM
INTRODUCTION
The fellowship in Pediatric Emergency Medicine is offered by the Department of Pediatrics of the Albert Einstein College of Medicine and its major teaching affiliated hospital, The Children’s Hospital at Montefiore (CHAM). Montefiore Medical Center is a tertiary care center and the home of the Children's Hospital. Montefiore is also a site of Einstein's Emergency Medicine Residency program, a primary training center for Emergency Medicine in New York City. The hospitals are located in the northeast Bronx, near the Albert Einstein College of Medicine, and within easy commuting of Connecticut, Westchester County, Queens, Manhattan, and Northern New Jersey.

NEW YORK LIVING
The Children's Hospital at Montefiore is located in the north Bronx, easily accessible to Manhattan by car or by public transportation. There are excellent leisure time activities just a short distance away: the world famous Bronx Zoo, the New York Botanical Gardens and, of course, Yankee Stadium. For golfers, the Van Cortland Park course is only a block away from Montefiore, while tennis, horseback riding and sailing off City Island are only a few minutes away. For the culturally inclined, the nearby Lehman College Center for the Performing Arts offers opera, concerts, theater and dance. The Falk Athletic Center on the Einstein campus is available to the Department's residents and fellows. The gym features an Olympic-sized indoor swimming pool, as well as a running track, a weight room, and regulation basketball and racquetball courts.
Beyond the program's immediate vicinity, but within an hour or two, are many miles of beach along the shores of Long Island and New Jersey. Skiing and other winter sports are
convenient to the Bronx, just upstate in the Catskills and Adirondacks, or west of the city in New Jersey and Pennsylvania. New England's ski slopes are a bit further away, but certainly in easy reach for weekends. Only 30 minutes away by subway, bus or car is Manhattan, with its theaters, museums, concerts, sports activities, historical landmarks, restaurants, shopping, night spots, and an endless variety of other attractions.

THE CHILDREN'S HOSPITAL AT MONTEFIORE
Montefiore Medical Center recently completed a particularly exciting project – the creation of a model children’s health system and building of a state-of-the-art children’s hospital. The Children’s Hospital at Montefiore (CHAM) is a 106-bed hospital which houses the majority of the pediatric inpatient and outpatient facilities and programs. In addition, this hospital is designed to be the hub of a substantial, highly integrated network of primary and specialty services for children throughout the Bronx and lower Westchester. CHAM, opened in October 2001, is a new 10-story facility attached to the existing MMC complex. The brand new Children's Hospital, located at Montefiore's Moses campus is a large medical-surgical facility providing comprehensive childcare services. It functions as the primary residency-training site of the AECOM/MMC program in pediatrics. The Moses Division, a 745-bed full service teaching hospital located in the northwest section of the Bronx, is the largest component of Montefiore’s many facilities. Children receive care on four distinct units, including an Infants' Unit, housing patients from birth to two years of age; a Children's Unit, for patients three to 12 years of age; the Susan G. Benson Adolescent Unit, among the first inpatient facilities in the country devoted exclusively to the treatment of young people from 13 to 21 years old; and a Pediatric Critical Care Unit, providing state of the art care to any critically ill child.
Integral to the care of children hospitalized on any of the Center’s inpatient units is a wide range of psychosocial and educational support services, including a school and an extensive Child Life Program. In addition, there are Child Protection Services and a Lead Screening Program. The Children's Hospital also provides a full array of pediatric subspecialty programs, both medical and surgical, offering care to children on the inpatient units as well as in a variety of ambulatory settings. Pediatric laboratory services, with sophisticated microchemical technology, and a full complement of pediatric imaging facilities also contribute to the broad diagnostic and therapeutic capabilities available for the care of our patients and the education of our house officers.

**THE NEW PEDIATRIC EMERGENCY DEPARTMENT**

Recently opened in September 2000, the new Pediatric Emergency Department is a large, state-of-the-art emergency facility dedicated to children. From entrance to exit, the PED is uniquely designed to address the needs of ill and injured children. Over 10,000 square feet of clinical area is housed in a bright area, decorated with a “space” theme that sets a calm mood a child of any age can relates to. There are many separate treatment areas, which assure a family’s privacy, and are all equipped with the latest in diagnostic and therapeutic monitoring equipment so families do not have to be moved from room to room during the course of their child’s treatment. The overhead lights can be dimmed for child comfort and there are backlit ceiling panels of galaxies for children to imagine
drifting off into space and away from their pain and fear. And there are many other features to make a difficult experience as comfortable as possible.

THE CHILDREN’S EMERGENCY SERVICE

The Children’s Emergency Service at the Children’s Hospital at Montefiore is responsible for over 50,000 visits per year of patients under the age of 21 years. As the primary tertiary care center in the Bronx, the Children’s Emergency Service cares for children with high acuity illness and is responsible for most of the admissions to the inpatient units. Patient care is provided by members of the pediatric and emergency medicine house staff under the supervision of primarily full-time Pediatric Emergency Medicine faculty. The PEM faculty is one of the largest groups of fellowship-trained and PEM sub-board certified physicians on the East Coast. At least one of the Attending PEM staff is present in the Emergency Department 24-hours a day, 7-days a week; although it is more common to have 2-3 PEM faculty present in the PED. The mix of PEM Attendings, Adult EM Attendings, PEM Fellows and Pediatric Attendings together with pediatric nurse practitioners, child life specialists, pediatric residents, emergency medicine residents, family medicine residents, and third and fourth year medical students gives the Pediatric Emergency Department a rich academic atmosphere.
**FELLOWSHIP GOALS**

The goals of the fellowship are to:

1) become clinically proficient in the medical, surgical, and behavioral aspects of emergency pediatrics through participation in hospital based outpatient and inpatient units, pre-hospital care delivery, and specialized programs related to emergency pediatrics.

2) develop research skills in the formulation of hypotheses, study design, project execution and implementation, and data analysis through participation in a research design and methods course as well as weekly research seminars in order to become a productive investigator.

3) develop skills as a teacher of emergency pediatrics to medical students, pediatric house officers, emergency medicine residents, and other health care providers through on-site precepting as well as participation in conferences.

4) develop skills necessary for the administration of an emergency department through participation in weekly administrative conferences and involvement in program development.

**CLINICAL EXPERIENCE**

The clinical experience for the fellow is based on exposure to a wide variety of patient complaints. At CHAM, the fellow will not only take care of the basic diagnoses seen in pediatric emergency medicine, but there is ample opportunity for emergent care of subspecialty patients from all disciplines. The average admission rate of 10% attests to the high acuity of patients seen. The PEM staff assumes responsibility for all children seen in the Pediatric ED, regardless of the nature of the chief complaint. Therefore, the fellow will have the opportunity to manage an extensive array of medical and surgical problems. This experience will provide a breadth of learning and a depth of knowledge necessary to grow into the role of a Pediatric Emergency Medicine Attending Physician.
REQUIREMENTS FOR FELLOWSHIP

The fellowship program accepts candidates who have their primary training in pediatrics or emergency medicine. If the primary training is in pediatrics, the Sub-board for Pediatric Emergency Medicine Certification requires three years of fellowship training. The academic year is based on 13 cycles, each containing 4 weeks. Sample first year, second year and third year rotations are as follows:

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<tr>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
<th>THIRD YEAR</th>
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<tr>
<td>Adult ED - 1</td>
<td>Adult ED - 1</td>
<td>Adult ED - 1</td>
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<td>Peds Radiology - 1/2</td>
<td>Ward Attending - 1</td>
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<td>Ped Surg Clinic - 1</td>
<td>Electives - 2 1/2</td>
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<td>Gynecology - 1/2</td>
<td>Vacation - 1</td>
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<td>Research - 3</td>
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<td>Child Abuse - 1/2</td>
<td>Pediatric ED - 4 1/2</td>
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<td>Research - 1 1/2</td>
<td>Research - 3</td>
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<td>Pediatric ED - 5</td>
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RESEARCH PROGRAM

Our PEM Fellowship Program considers the research experience to be an essential part of the fellow curriculum. Each fellow conducts a research project developed by the fellow under faculty supervision. Numerous resources of the Department of Pediatrics as well as the nearby medical school are available to the fellow. In addition, there are a variety of formal conferences on research methodology. The fellow also participates in a nine-month Fellows’ Research Seminar series given by the Department of Pediatrics. Ongoing seminars on journal writing are given monthly.
TEACHING PROGRAM
The fellow will have increasing responsibility for medical student and resident supervision in the emergency department. In the First Year, fellows will be responsible for identifying teaching cases while on their rotations as well as giving occasional morning conferences. During the Second and Third Years, fellows will assume increasing responsibility for morning conferences and will participate in PALS courses offered by the Pediatric Emergency Service.
There are many opportunities to participate in regularly scheduled conferences including lectures, case conferences, general reviews and research seminars. A special weekly Fellows’ Conference is designed to address issues and topics that relate directly to the education of the PEM fellow. These conferences include not just lectures at the fellow’s level, but also include topics related to administration of the ED, looking for a job, legal issues, ethical issues, and other academic pursuits.
The fellow will become familiar with the use of computerized slide-making programs and the art of making slides for presentations.

CERTIFICATION
By the completion of the fellowship, all fellows should be certified in Pediatric Advanced Life Support and Advanced Trauma Life Support. Our fellowship is kept up-to-date regarding the qualifications needed for future accreditation by the Residency Review Committee. The fellows will also have fulfilled the requirements needed to sit for the Pediatric Emergency Medicine Subspecialty Board Examination.
PREREQUISITES
At least three years of clinical training in a Pediatric Residency Program or four years of clinical training in an Emergency Medicine Residency Program approved by the Accreditation Council for Graduate Medical Education is required.

APPLICATION PROCESS
Our fellowship program uses the uniform application and associated services provided by ERAS® (Electronic Residency Application Service). An online application is required of all applicants and letters of reference will similarly be processed by ERAS. Applicants can access information on ERAS at www.aamc.org/eras. A more comprehensive description is detailed in the May issue of Pediatric Emergency Care.

The following documents are required for applications to be complete:

- Common Application Form
- Personal Goals Statement
- Four (4) Letters of Reference
- NBME/NBOME Transcript
- ECFMG Status Report
- Photograph
- Dean’s Letter/MSPE

Please submit the application and other documents as soon as possible. The deadline for the common application form is August 15th. Any questions related to the application or pending documents should be addressed to Irma Gonzalez at 718-920-5312 or email Irgonzal@montefiore.org.

THE MATCH
This fellowship program participates in the Pediatric Emergency Medicine Fellowship Matching Program. Accepted candidates will be notified in December, as agreed to by all fellowship programs in Pediatric Emergency Medicine.
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“A hundred years from now it will not matter what my bank account was, the sort of house I lived in, or the kind of car I drove...but the world may be different because I was important in the life of a child.”