

Electives in Pediatrics
at
Albert Einstein Medical Center



Albert Einstein Medical Center

**ALBERT EINSTEIN MEDICAL CENTER
DEPARTMENT OF PEDIATRICS**

An Overview of Pediatrics at Einstein

Albert Einstein Medical Center is a 630-bed general hospital located four miles north of downtown Philadelphia. Established in 1866, Einstein has long-standing commitments to providing medical services to its community and to educating future practicing physicians. Both commitments are represented in the Pediatrics program at Einstein, with our ties to the community providing the basis for strong primary care ambulatory and inpatient programs.

Albert Einstein Medical Center is a major affiliated teaching hospital of Thomas Jefferson University. Third-year Jefferson medical students obtain their core Pediatrics training at Einstein. Fourth-year student electives are open to Jefferson students on a preferential basis, and to other medical students on a first-come, first-served basis.

Clinic pediatric services at Einstein include the Pediatric Ambulatory Center with approximately 20,000 patient visits per year, the Term Nursery with about 2000 admissions per year, the Neonatal Intensive Care Unit with about 325 admissions per year, and the inpatient Pediatrics ward with about 750 admissions per year. The faculty includes subspecialists in Adolescent Medicine, Allergy, Clinical Genetics, Developmental/Behavioral Pediatrics, Endocrinology, Hematology/Oncology, and Infectious Diseases. Pediatric subspecialists in Cardiology, Gastroenterology, Neurology and Pulmonology also teach and provide clinical services at Einstein. Many other professional services and a broad range of ancillary services are available at Einstein.

In addition to teaching medical students, the Department of Pediatrics at Einstein has a residency program in Pediatrics with 21 Pediatrics residents and 16 Medicine-Pediatrics residents. The interaction of medical students with resident physicians enhances the educational experiences of both students and residents. Students who wish to learn more about our residency program should refer to Residency/Education on the Einstein web site at <http://www.einstein.edu>, or call the Program Director at 215-456-6595.

The Department of Pediatrics has active clinical and laboratory research in Neonatology, healthcare access for under-served populations, vaccine trials, and Genetics.

This booklet describes the educational opportunities for medical students at Albert Einstein Medical Center. The table on the next page summarizes the courses available to third-year and fourth-year students. Subsequent pages describe each course in more detail. An application for fourth-year electives is included.

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Summary of Courses for Fourth-Year Medical Students

Name of course	Number of students	Duration of course (weeks)	On call requirement	In-patient/out-patient distribution
Inpatient Pediatrics (Subinternship) **	1	4-8	every 5 th night	inpatient
Neonatology (Subinternship) **	1	4	every 4 th to 5 th night	inpatient
Adolescent Medicine *	1	4	none	outpatient
Ambulatory Pediatrics (Subinternship) **	1	4-6 **	none	outpatient
Clinical Genetics *	1	4	none; occ. evening seminars	mixed
Developmental/Behavioral Pediatrics *	1	4	none	outpatient
Pediatric Infectious Diseases *	1	4	none	mixed

* Course not available for every block; consult with course director.

** Course may be taken as an elective or subinternship; consult with course director

Notes: Travel time from Center City Philadelphia to Albert Einstein Medical Center is about 20-25 minutes by car. Some courses require occasional travel to other sites; see course descriptions.
Off-street parking is available at \$2 per day, \$10 per week.
Meal tickets are available for students on call.

For more information, or to receive an application form, please contact:

Alan M. Schindler, M.D.

Telephone: 215-456-6595
Email: schindleram@hotmail.com

Albert Einstein Medical Center has an active residency program in Pediatrics. Details are on our website at: <http://www.einstein.edu>

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Description of Courses for Fourth-Year Medical Students

Course:	ADOLESCENT MEDICINE
Director:	Joan Adler, M.D.
Course Objectives:	To provide the fourth-year medical student with an in-depth experience in Adolescent Medicine; to expose the student to all aspects of the care of adolescents; to enable the student to become competent in obtaining histories from adolescents, in performing physical examinations on adolescents, including pelvic examinations, in diagnosing and treating sexually transmitted diseases, and in addressing adolescent psychosocial issues.
Course Description:	The student will participate in all sessions of adolescent clinic. The student will visit various agencies throughout the city that provide services for teens. The student will spend some time at a Philadelphia high school that provides AIDS education to high school students.
Learning Resources:	Adolescent Medicine syllabus is provided.
Evaluation:	Based on review of the student's clinical work, attention to supporting literature, and participation in conferences.

Course: **AMBULATORY PEDIATRICS (SUBINTERNSHIP)**

(This course may be taken as an elective or as a subinternship; consult with course director.)

Director:	Alan M. Schindler, M.D.
Course Objectives:	To provide the fourth-year medical student with an in-depth experience in Ambulatory Pediatrics; to expose the student to all aspects of the ambulatory care of children, with emphasis on well child care, and the evaluation and follow-up of sick children; to enable the student to become competent in obtaining histories of children, in performing physical examinations on children, in diagnosing and treating common childhood problems such as iron deficiency anemia, lead poisoning, asthma, sexually transmitted diseases, and psychosocial issues.
Course Description:	The student will participate in a busy pediatric and adolescent ambulatory center. The student will be precepted by attending physicians and senior pediatric residents, be given specific reading assignments, and participate in Ambulatory Pediatrics conferences. There may be opportunities to learn how to perform some procedures, such as venipunctures and lumbar punctures, under the supervision of the pediatric staff.
Learning Resources:	Pediatric and Adolescent Ambulatory Center
Evaluation:	Based on review of the student's clinical work, attention to supporting literature, and participation in conferences.

Course: **CLINICAL GENETICS**

Director: Adele Schneider, M.D.

Course Objectives: To provide intensive exposure to all aspects of Clinical Genetics for fourth-year students interested in Clinical Genetics, Pediatrics, or Obstetrics (including Perinatology); to enable the student to become familiar with the detailed process of a genetics evaluation, including learning how to draw a three-generation pedigree and how to obtain a developmental history and detailed genetics examination.

Course Description: Under the supervision of the clinical geneticist and/or board-certified genetic counselors the student will see pediatric patients both at Einstein and at satellite offices. The student will participate in ongoing genetic counseling for families seen during the rotation. The student will attend multidisciplinary meetings to review patients with Obstetrics and Neonatology. Students will have the opportunity to participate in prenatal genetic counseling, to observe Level II ultrasound and amniocentesis, and to learn about counseling for maternal age, amniocentesis, and common genetic disorders.

Learning Resources: Reading material on the genetics of general and specific syndromes will be provided; literature searches in the library; conferences; files in the Genetics Department.

Evaluation: Based on review of the student's clinical work, interest, motivation, and participation.

Course: **DEVELOPMENTAL/BEHAVIORAL PEDIATRICS**

Director: Joseph Girone, M.D.

Course Objectives: To provide an intensive exposure to developmental/behavioral pediatrics for the fourth-year medical student interested in a career in Pediatrics or Psychiatry, especially Child Psychiatry; to become competent in the skills required for history-taking, physical examination and psychometric testing of children.

Course Description: Each week, under the supervision of a developmental pediatrician, the student will evaluate several patients with developmental problems. The student will participate in the ongoing care of patients seen in regularly scheduled multidisciplinary clinics, including observation of a social worker's evaluation of his/her patients and families. The student will have the opportunity to present a one-hour conference to members of the team on pertinent library search topics.

Learning Resources: Syllabus of normal and abnormal development and behavior; clinical patient contact; videos.

Evaluation: Based on review of the student's clinical competence, interest, motivation and participation.

Course: NEONATOLOGY (SUBINTERNSHIP)

(This course may be taken as an elective or as a subinternship; consult with course director.)

Director: Hallam Hurt, M.D.

Course Objectives: To provide the student with a broad exposure to the care of the newborn infant in the delivery room and the Neonatal Intensive Care Unit; to guide the student's understanding of the daily care and management of critically ill and very low-birth-weight babies; to help the student acquire skills such as placing umbilical catheters and intubating infants.

Course Description: The student will be an integral member of the NICU team and, as experience is gained, will be given responsibility for patients under the supervision of a senior member of the team. The student will attend all work rounds, attending rounds, teaching sessions, x-ray conferences and perinatal rounds. The student will be on call every 4th to 5th night, and make Saturday morning rounds with the team. Any planned absences during the rotation must be cleared with the Course Director prior to the beginning of the rotation.

Learning Resources: Libraries of the Department of Pediatrics, the Division of Neonatology, and Albert Einstein Medical Center

Evaluation: Based on performance on rounds and participation in teaching sessions.

Course: PEDIATRIC INFECTIOUS DISEASES

Director: Allan Arbeter, M.D.

Course Objectives: To provide the student with opportunities to become familiar with the investigative processes involved in evaluating the patient who may have an infectious disease.

Course Description: The student will be a member of the infectious disease team. The student will see new consults, obtain a history and perform a physical examination, review laboratory and imaging studies, and generate a differential diagnosis. The student will participate in rounds and prepare a 45-minute lecture on a topic in pediatric infectious disease.

Learning Resources: Libraries of the Department of Pediatrics and Albert Einstein Medical Center

Evaluation: Based on review of the student's performance on rounds, patient write-ups, case presentations, and student lectures.

Course: PEDIATRIC INPATIENT (SUBINTERNSHIP)

(This course may be taken as an elective or as a subinternship; consult with course director.)

Director: Anna Marie Carr, M.D.

Course Objectives: To provide the student with a broad exposure to the care of children hospitalized on a general pediatrics inpatient ward; to help the student improve skills in history-taking, physical examination, generation of differential diagnoses, and development of treatment plans; to guide the student's understanding of the daily care and management of hospitalized children, of the appropriate use of ancillary services, including nursing and social services; to help the student acquire skills such as venipuncture and intravenous catheter placement.

Course Description: The student will be an integral member of the inpatient team and, as experienced is gained, will be given increasing responsibility for patients under supervision of a senior member of the team. The student will attend all work rounds, attending rounds, teaching sessions and x-ray conferences. The student will be on call every 4th to 5th night.

Learning Resources: Syllabus of recommended reading; libraries of the Department of Pediatrics and Albert Einstein Medical Center.

Evaluation: Based on review of the student's clinical competence, interest, motivation and participation.

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Application for Fourth-Year Electives: General Information

Thank you for your interest in fourth-year student electives in Pediatrics at Albert Einstein Medical Center. Please note that, as a pre-requisite for all fourth-year electives, you must have completed all of your required third-year core clerkships.

Application Process. You must submit:

1. A completed application form. Refer to the schedule of rotation dates (below); preference will be given to applicants who adhere to that schedule. You may apply for more than one elective at Einstein, as permitted by your medical school.
2. Proof that your personal immunizations are up-to-date. You may forward a copy of your school's record of your immunizations or you may complete the attached form and have it signed by your physician.
3. Proof of personal health insurance coverage.

Since Albert Einstein Medical Center is an affiliate hospital of Thomas Jefferson University School of Medicine, requests for fourth-year electives will be considered after Jefferson students have completed their registration process in late May. Applications will be processed in the order they are received; applicants will be notified as decisions are made.

Evaluation. Upon completion of your elective, a performance evaluation will be sent to your school. Please have your school forward an evaluation form to us.

Elective schedule 2002-2003. Einstein follows the block schedule of Thomas Jefferson University School of Medicine:

<u>2002</u>		<u>2003</u>	
Block 10	08 Jul - 02 Aug	Block 16	06 Jan - 31 Jan
Block 11	05 Aug - 30 Aug	Block 17	03 Feb - 28 Feb
Block 12	02 Sep - 27 Sep	Block 18	03 Mar - 28 Mar
Block 13	30 Sep - 25 Oct	Block 19	31 Mar - 25 Apr
Block 14	28 Oct - 22 Nov	Block 20	28 Apr - 23 May
Block 15	25 Nov - 20 Dec	Block 21	09 Jun - 03 Jul

Housing, Meals, and Parking. While on elective at Einstein, you are responsible for your own transportation and housing. Off-street parking is available at Einstein at the cost of \$10 per week. Meal tickets are provided for students who are on call at night at the hospital.

Communicating with us. We welcome the opportunity to communicate with students interested in taking fourth-year courses at Einstein. Inquiries about the application process or the status of your application will be quickly answered by email (schindleram@hotmail.com) or by phone (215-456-6595).

All required documents should be sent to Ms. Carol Johnson, Department of Pediatrics, Albert Einstein Medical Center, 5501 Old York Road, Philadelphia, PA 19141.

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Application for Fourth-Year Elective in Pediatrics

Name _____

Social Security # _____

Address _____

Telephone _____

E-mail Address _____

Medical School _____

- I. You may use this application to apply for up to two fourth-year electives. For each elective, please indicate three possible sets of dates, in order of preference:

Course _____

Dates 1. _____

2. _____

3. _____

Course _____

Dates 1. _____

2. _____

3. _____

II. The Dean of Students or designated official of your medical school should complete the following:

Please circle the appropriate responses.

This is to certify that the above named student has successfully completed all of (his)(her) required third-year core clerkships. (She)(He) (is)(is not) in good standing at this institution. (She)(He) (does)(does not) have our permission to take the above listed course(s) for elective credit.

Malpractice insurance from our institution (does)(does not) cover the student while away from our school. Personal health coverage under school policy (does)(does not) cover the student while away from our school.

Name _____ Title _____

Signature _____ Date _____

School _____ Phone _____

Address _____

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Fourth-Year Student Immunization Record

Name _____ Birth date: _____

Albert Einstein Medical Center requires that students enrolled in clinical electives meet all of the immunization and screening requirements listed below. All applicants must submit this completed form before they can begin an elective rotation at Einstein. Applicants should be free from symptoms of infectious disease at the start of their elective. Should you become ill with a communicable disease during your elective, you must notify the course director immediately.

Immunization/Screening Requirement	Dates of immunization, titer, or disease (indicate which)
<u>Tuberculosis</u> : PPD within past 12 months with negative result; or BCG vaccine and a negative chest x-ray	1.
<u>Hepatitis B</u> : Three doses of vaccine or a protective titer	1. 2. 3.
<u>Measles</u> : (1) primary immunization and booster; (2) protective titer; or (3) natural disease	1. 2.
<u>Mumps</u> : (1) primary immunization and booster; (2) protective titer; or (3) natural disease	1. 2.
<u>Rubella</u> : (1) primary immunization and booster; (2) protective titer; or (3) natural disease	1. 2.
<u>Tetanus-Diphtheria</u> : One tetanus-diphtheria booster within the last 10 years	1.
<u>Polio</u> : Primary series of polio immunizations with live (OPV), inactivated (IPV), or enhanced potency (E-IPV)	1. 2. 3. 4.
<u>Varicella</u> : Immunization, natural disease, or protective titer	1. 2.

Physician's name _____ Phone _____

Physician's signature _____ Date _____

