



Program: Department of Pediatric Urology

Location: Boston, MA

Hospital Affiliation: Children's Hospital Boston

Academic Institution Affiliation: Harvard Medical School

Residency Director: Alan B. Retik, M.D.

Residency Coordinator (manager): Jill Harris
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Length of Program: 3 years

Core Curriculum:

1 st year:	Research – Basic Science or Clinical
2 nd year:	Research – Basic Science or Clinical
3 rd year:	Clinical

Program Description:

The program at Children's Hospital Boston is dedicated to providing the best clinical and research training experience in pediatric urology. The program, which was established in 1979, is a three-year ACGME accredited fellowship funded in part by an NIH T32 training grant. The first two years are dedicated to basic science or clinical research with an opportunity to attend the Harvard

School of Public Health and receive an MPH, and the third year is devoted to clinical experience. The department is staffed by eleven pediatric urologists.

Conferences:

- Uroradiology Conference (Dr. Chow); weekly
- Indications Conference; weekly
- Pediatric Urology Grand Rounds; weekly
- Journal Club; monthly
- Endocrine/Pediatric Urology joint conference; monthly
- Research Meeting; monthly

Caseload:

- 650 to 700 admissions/year
- 750 to 800 consults/year
- 3,100 cases/year

Institutions Utilized:

- Inpatient: Children's Hospital Boston
- Outpatient: Several satellite clinics

Clinical Faculty:

- Alan B. Retik, MD - Chairman
- Stuart B. Bauer, MD
- Joseph G. Borer, MD
- Marc Cendron, MD
- Bartley G. Cilento, Jr, MD, MPH
- David A. Diamond, MD
- Carlos R. Estrada, Jr, MD
- Richard S. Lee, MD
- James Mandell, MD
- Caleb P. Nelson, MD, MPH
- Hiep T. Nguyen, MD

Residents:

- Number on service: 5-6

Institutions that Support Program:

- Brigham & Women's Hospital
- Lahey Clinic
- Boston University Medical Center
- Massachusetts General Hospital

Basic Science Research Faculty:

- Michael R. Freeman, PhD - Director , Urological Diseases Research Center
- Rosalyn M. Adam, PhD
- Jordan D. Dimitrakov, MD, PhD
- Jayoung Kim, PhD
- X. Sean Li, PhD

Basic Science Research Program Description:

The Children's Hospital Urology Department houses the NIH-funded George O'Brien Center for urologic disease research, sponsored by a P50 grant from the NIDDK. In addition, the principal investigators are funded by four NIH R01 grants, an NIH R21 grant, an NIH T32 training grant, and two research grants from the Department of Defense, as well as individual training grants from the NIH, the Department of Defense, and the American Foundation for Urologic Disease. Research projects include: molecular studies of muscle hypertrophy, normal and cancer cell growth regulation, genetic studies of urologic disease, stem cell research and proteomics.

Clinical Research Program Description:

Fellows opting to pursue a clinical research track participate in the Program in Clinical Effectiveness through the Harvard School of Public Health. This program is designed for the clinician seeking the quantitative and analytic skills needed for clinical research or interested in health care administration, and begins with a summer curriculum in clinical epidemiology, biostatistics,

health policy, decision analysis, and research methodology. The program culminates in a Master of Public Health degree. Current research areas of the department are diverse, broadly ranging from health service utilization and disparities in urologic surgery to surgical outcomes research.

Contact Information:

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