

Program Description

The Fellowship in Pediatric Urology at Children's Memorial Hospital provides a comprehensive training experience for board-certified physicians seeking subspecialty certification in pediatric urology. The fellowship consists of two years, each dedicated to a specific area of training. Both years include dedicated time with faculty to develop the fellow's skills in each area.

The first year is dedicated to academic productivity via basic science and/or research efforts, in order to lay the groundwork for a career in academic pediatric urology. Fellows may choose between a traditional, basic science effort and a dedicated, clinical research effort based on their individual goals or interests.

The second year provides a broad-ranging clinical experience with volumes that ensure practice in a wide breadth of cases and conditions. The clinical year also presents fellows the opportunity to develop leadership skills through management of the service and supervision of team rounds.

Throughout both years, fellows interact and collaborate with our faculty to develop their academic, clinical, and professional skills, and achieve their individual career goals. For candidates without a specific focus, our faculty provides mentorship and offers career development counseling.

"The best and most fruitful 2 years of my training, without a doubt. My experience in Chicago provided me with the skill and confidence to succeed in Academic Urology."

Andrew MacNeily, MD
Chief of Pediatric Urology
Vancouver Children's Hospital
Vancouver, British Columbia



Facilities

[Children's Memorial Hospital](#) is the region's top provider of pediatric specialty care and Illinois' only freestanding hospital exclusively for children. The 2011 edition of the *U.S. News and World Report* "Best Children's Hospitals" ranked Children's Memorial among the top 50 in each of 10 specialties, **with Urology ranking 6th nationally.**

Children's Memorial is building a new hospital, [Ann & Robert H. Lurie Children's Hospital of Chicago](#), which will open in 2012. The 23-story, state-of-the-art hospital is located in downtown Chicago on the campus of our academic partner, [Northwestern University Feinberg School of Medicine](#). Lurie Children's will offer the latest benefits and innovations in medical technology, research and family-friendly design.

The [Children's Memorial Research Center](#) is the research enterprise of Children's Memorial Hospital. The CMRC is one of 29 interdisciplinary research centers and institutes of Northwestern University Feinberg School of Medicine, where principal investigators are full-time faculty members.

As the pediatric-surgery training center for the Northwestern University Feinberg School of Medicine, our [Department of Surgery](#) provides formal resident education in each of its ten divisions. In addition, we provide subspecialty programs approved by the Accreditation Council for Graduate Medical Education in Pediatric General Surgery, Surgical Critical Care, Congenital Cardiac Surgery, and Urology through the Feinberg School

Please visit our website at:

www.childrensmemorial.org/Urology

For more information, please contact:

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Division of Urology
Children's Memorial Hospital

Fellowship in Pediatric Urology



Ann & Robert H. Lurie Children's Hospital
of Chicago, opening Spring of 2012.

Fellowship Description

Established in 1980, the Fellowship in Pediatric Urology program at Children's Memorial Hospital provides a balanced, diverse educational experience that prepares the fellow for a successful career in academic or clinical urology. It is a two-year program, with a first year dedicated to research and largely free of clinical responsibilities. The program is part of the Pediatric Academic program of the Northwestern University Feinberg School of Medicine and is fully accredited by the Accreditation Council for Graduate Medical Education (ACGME).

Year 1—Research Fellow

The fellow may choose a traditional basic science effort or a dedicated clinical research effort. The basic science experience is mentored by the laboratory of Dr. Earl Cheng at Northwestern University. The laboratory focuses on regenerative medicine with an emphasis on bladder tissue engineering and bladder physiology. The first-year fellow is also eligible to pursue a Master's Degree in Clinical Investigation (MSCI) through the Northwestern University Clinical and Translational Sciences (NUCATS) Institute. It incorporates biostatistics, epidemiology, ethics and clinical trial design. The Division of Urology covers the tuition expense for this program.

Year 2—Clinical Fellow

The clinical responsibility of the fellow begins with the development of competence in pediatric urology in the scope of practice. Throughout the rotation the fellow participates in the evaluation of the pediatric urologic patient. The fellow will acquire and master assessment, diagnostic, operative and postoperative management skills. For each aspect of the training process, increasing levels of responsibility are given and goals are established, including advancement to further levels of responsibility when competence is demonstrated. This includes increasing participation in the formal education arena, as well as direct patient care and operative room skills. The six general competencies, as they apply to pediatric urology, are stressed in the educational offerings and are part of the fellow evaluation.

Features of our program include:

- Active faculty involvement in all aspects of the fellow experience, i.e., operating room, inpatient and outpatient care, basic and clinical education research, and formal educational conferences.
- Recruiting and maintaining a faculty that excels in patient care, teaching, and productive research.
- Providing personalized attention to the fellow to ensure that individual goals and objectives are met and needs are addressed.
- Integration of research principles and a scientific approach to ensure the fellow develops the cognitive and technical skills necessary to assess children suspected of having a pediatric urological disease.
- Minimally-invasive urological surgery, including use of the daVinci® robot.
- By the end of the fellowship program, fellows will be competent in performing reconstructive operations independently, including surgical management of congenital anomalies of the kidneys, ureters, bladder, urethra and genitalia.

Requirements/Application

Our program participates in the National Resident Matching Program's Fellowship Match. To qualify for the fellowship, applicants must be in an accredited urology residency program in the United States, complete the fellowship application, and submit it with a current curriculum vitae and two letters of reference. An interview will then be scheduled with the faculty members of the Division.

For application information, please visit the Graduate Education website for the Northwestern University Feinberg School of Medicine at:

<http://www.feinberg.northwestern.edu/education/gme>

Fellowship Directors

William E. Kaplan, MD, is Attending Physician and Division Head of Urology at Children's Memorial Hospital. Dr. Kaplan received his medical degree from the University of Illinois, Chicago and completed residency training in both general surgery and urology at the University of Illinois Medical Center. He also completed a residency in urology at the University of Chicago Hospital and Clinic. Dr. Kaplan then completed his fellowship in pediatric urology at Children's Memorial Hospital and the Northwestern University School of Medicine. He is Professor of Urology at the Northwestern University Feinberg School of Medicine and serves as President of Children's Surgical Foundation (CSF).



Elizabeth Boettcher Yerkes, MD, is Attending Physician in the Division of Urology at Children's Memorial Hospital and Assistant Professor of Urology at Northwestern University's Feinberg School of Medicine. Dr. Yerkes received her medical degree from Vanderbilt University and residency training in general and urologic surgery at Vanderbilt University Medical Center. She completed her residency in pediatric urology at the James Whitcomb Riley Hospital for Children, Indiana University School of Medicine. Dr. Yerkes served in the United States Navy Reserve, Medical Corps, achieving the rank of Lieutenant Commander, with active duty at Wilford Hall Medical Center at Lackland Air Force Base, Texas. She received her honorable discharge in 2005.



Faculty

Antonio Chaviano, MD, FAAP, is Attending Physician in the Division of Urology at Children's Memorial Hospital. Dr. Chaviano received his medical degree from Rush Medical College and completed residency training in general surgery at Rush Presbyterian Medical Center, urology residency at University of Chicago Hospital, and a fellowship in pediatric urology at Children's Memorial Hospital and Northwestern University. Dr. Chaviano is also a consultant physician at Shriners' Children's Hospital in Chicago, IL. He is Assistant Professor of Urology at Northwestern University's Feinberg School of Medicine.



Earl Y. Cheng, MD, is Attending Physician in the Division of Urology at Children's Memorial Hospital and Associate Professor of Urology at Northwestern University's Feinberg School of Medicine. Dr. Cheng received his medical degree from Northwestern University and completed residency training at Northwestern University Medical School. Upon completing a fellowship in pediatric urology at Children's Memorial Hospital, he remained at the Feinberg School of Medicine from 1996-1998 as an assistant professor and AFUD scholar, during which time he established a basic science Pediatric Urology Research Laboratory at Children's Memorial. From 1998-2002, Dr. Cheng was at the Children's Hospital of Oklahoma and Oklahoma University Medical Center, where he also served as an assistant professor of urology. Dr. Cheng returned to Northwestern and Children's Memorial Hospital in 2002.



Bruce Lindgren, MD, is attending physician in the Division of Urology and Director of the Center for Minimally Invasive Urological Surgery at Children's Memorial Hospital. Dr. Lindgren received his medical degree from Vanderbilt University and residency training in general surgery and urology at Loyola University Medical Center. He completed a fellowship in pediatric urology at Schneider Children's Hospital, Long Island Jewish Medical Center. Dr. Lindgren is also attending physician at Advocate Lutheran General Hospital in Park Ridge, IL, Saint Alexius Medical Center in Hoffman Estates, IL, and Central DuPage Hospital in Winfield, IL. He is Clinical Assistant Professor in the Department of Urology at Loyola University's Stritch School of Medicine in Maywood, IL.



Max Maizels, MD, Professor of Urology, received both his undergraduate and medical degrees from the University of California at Los Angeles, as well as an M.S. in Urology/Embryology from Northwestern University Medical School. He completed his surgical residency at Boston University Hospital and his residency in urology at Northwestern Memorial Hospital. He was also Kretschmer Fellow in Urology at Northwestern University Medical School and Children's Memorial Hospital. After residency, Dr. Maizels joined the Division of Urology at Children's Memorial Hospital and received his faculty appointment at the Northwestern University Medical School.

