

**Title:** The Cincinnati Children's Hospital Medical Center

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**Affiliation:** University of Cincinnati College of Medicine.

**Location:** Cincinnati, Ohio United States of America

**History:** The Cincinnati Children's Hospital was founded in 1883 and has grown into one of the largest pediatric health care centers in the world. The medical legacy of the institution includes the development of the oral polio vaccine by Albert Sabin, the creation of the first heart-lung machine, and the introduction of artificial surfactant into clinical use. The department of Anesthesiology was founded in 1968. Our Directors have included Nelson Mellampy, MD (1968-1976), Theodore Striker, MD (1976-2002), and C. Dean Kurth, MD (2002- present).

**Demographics:** The Cincinnati Children's Hospital has one of the busiest pediatric operating rooms in the world, providing surgical care to over 30,000 children annually. Our 42 faculty are all subspecialty-trained anesthesiologists. We do more than 120 pediatric tracheal reconstructions, over 2,700 tonsillectomies, more than 650 cardiac procedures, and 100 spines annually. We have an active liver, small bowel, and kidney transplantation program, and a busy pediatric acute and chronic pain service. We offer a busy fetal surgery program and bariatric surgery for appropriate adolescent patients!

**Staff:** C. Dean Kurth, MD, Professor of Clinical Anesthesia and Pediatrics, Anesthesiologist-in-Chief; Elena Adler, MD, Adjunct Associate Professor; Nancy Andersen, MD, Adjunct Associate Professor; Lori Aronson, MD, Assistant Professor; Mary Brown, MD, Adjunct Associate Professor; Yvon Bryan, MD Associate Professor; Viola Devany, MD, Adjunct Associate Professor; Kenneth Goldschneider, MD, Assistant Professor; Joel Gunter, MD, Professor; Jean Harrington, MD, Associate Professor; Nancy Hagerman, MD, Assistant Professor; Elizabeth Hein, MD, Adjunct Assistant Professor; Clifford Hoffman, MD, Staff Anesthesiologist; Liana Hosu, MD, Assistant Professor; George Istaphanous, MD, Assistant Professor; Jing Fang Jou, MD, Assistant Professor; Thomas Kabalin, MD, Associate Professor; Michael Kibelbek, MD, Assistant Professor; Matthias König, MD, Ik Lee, MD, Associate Professor; Andreas Loepke, MD, Associate Professor; Mohamed Mahmoud, MD, Assistant Professor; John McAuliffe, MD, MBA, Associate Professor; Mark Meyer, MD, Assistant Professor; Jacquelyn Morillo-Delorme, MD, Associate Professor; Joseph Previte, MD, Associate Professor; Marnie Robinson, MD, Assistant Professor; Senthilkumar Sadhasivam, MD, Assistant Professor; Michael Shackelford, DO, Assistant Professor; Ximena Soler, MD, Assistant Professor; Paul Samuels, MD, Associate Professor; James Spaeth, MD, Assistant Professor; Theodore Striker, MD, Professor; Alexandra Szabova, MD, Assistant Professor; Jon Tomasson, MD, Assistant Professor; Anna Varughese, MD, Associate Professor; Deborah Vermaire, MD, Assistant Professor; Anne Waters, MD, Assistant Professor; Norbert Weidner, MD, Associate Professor; Eric Wittkugel, MD, Associate Professor; Junzheng Wu, MD, Assistant Professor. We also have 26 CRNAs and 17 PNP's.

**Training:** We offer a 12-month fellowship in pediatric anesthesiology, and an 18-month combined program in pediatric anesthesia and pediatric pain management. We typically have 8 fellows annually. Fellowship experience includes rotations in all subspecialty areas of pediatric anesthesia, in the general and cardiac intensive care units, and on the pain service. Other electives can be scheduled based on the interests of the fellow. The Department provides educational resources for advanced training in pediatric anesthesia to nurse anesthetists, anesthesia and pediatric residents, medical students, and subspecialty fellows. We currently have 2 residents and 5 SRNAs.

**Other Highlights:** Other exciting activities at Cincinnati Children's Hospital include:

1. The Institute for Pediatric Anesthesia is the research arm of the Department, and is the only institute devoted solely to pediatric anesthesia and pain research. The IPA is made up of three units: a basic science group dedicated to neurobiology, a clinical trials unit, and a health services/clinical outcomes unit.
2. The Department provides educational resources for advanced training in pediatric anesthesia to nurse anesthetists, anesthesia and pediatric residents, medical students, and subspecialty fellows.
3. Pediatric Anesthesia for the Practicing Anesthesiologist! Opportunity for practicing anesthesiologists to work in a world-class tertiary pediatric facility, participate in dynamic lectures and case studies, have an opportunity to work one-on-one with leading practitioners in pediatric anesthesia care. The program is held on the campus of Cincinnati Children's. Each session has no more than two participants