**Center for Virtual Care (CVC)** is an integral part of the pediatric fellowship educational program. The CVC recently moved into the Education Building; a state-of-the-art facility showcasing a Trauma Bay, Operating Room, inpatient bay, and 6-bay simulation area. The CVC provides opportunity for residents and fellows to receive specialized and advanced technical training utilizing the latest in programmable pediatric simulators. The Center for Virtual Care is one of the few simulation centers in the United States that has both an infant and child mannequins. Training is offered in administering anesthetics, practicing pediatric intubation and extubation, and in performing invasive procedures.

**First Six Months**
The first six months are spent acquiring and mastering the technical aspects of pediatric anesthesiology. Fellows receive individual instruction in airway management, successful line placement, patient transport, preoperative evaluations, and pediatric intubation and extubation.

**Second Six Months**
The last half of the fellowship is spent refining skills and techniques. Fellows serve as a mentor to the junior resident, are assigned as the backup board runner in the CSC, and play an active role in the educational program.

**Educational Experience: Rotations**
The fellow rotates through the UC Davis Children’s Hospital and Shriners Hospital for Children. UC Davis Children’s Hospital rotations include the pediatric cardiac operating room, PICU, NICU, sedation service, ambulatory anesthesia, and Children’s Surgery Center. Training in advanced life support for neonates, children, and adolescents is provided.

**Pediatric Anesthesiology Fellowship**
UC Davis Children’s Hospital
Department of Anesthesiology & Pain Medicine
Richard L. Applegate II, M.D., Professor and Chair
The Department of Anesthesiology and Pain Medicine offers a one year ACGME fellowship. Training is conducted at the UC Davis Children’s Hospital/UC Davis Health located in Sacramento, California and at the Northern California Shriners Hospital located on the Sacramento campus of UC Davis Health.

The Pediatric Anesthesiology Section offers a full range of perioperative services, including pediatric cardiac anesthesia, sedation for diagnostic and interventional procedures, pediatric pain management, resuscitation services, and airway management. Working together with other pediatric health care professionals including child life specialists, pediatric surgeons, and pediatric nurses; patients are provided with total comprehensive care.

In December 2005, the UC Davis Children’s Surgery Center (CSC) opened. The CSC currently consists of 4 pediatric surgical rooms. Cardiac pediatric cases are scheduled weekly in the Main Operating Room. Pediatric cases are staffed by a pediatric anesthesiologist and one of the residents currently on his/her pediatric anesthesia rotation.

Requirements

The fellowship is open to applicants who have successfully completed their anesthesiology residency training at an accredited training program and are either board eligible or board certified in anesthesiology. Candidates must be able to obtain a California Medical License and hold a valid and current license by the time they begin training: http://Medbd.ca.gov/

Interested applicants should submit their completed application and personal statement, along with copies of their In-Training Examination scores to Blythe Myers: blmyers@ucdavis.edu.

The faculty members have extensive training in pediatric & cardiac anesthesia, and pediatric pain

Northern California Shriners Hospital For Sick Children offering free care to eligible children under the age of 18, is located on the Sacramento campus of the UC Davis Medical Center. The modern facility is accredited by JCAHO and offers specialized pediatric care in orthopedics, spinal cord injury treatment and rehabilitation, and treatment and rehabilitation of acute burns. The Northern California Shriners Hospital moved to Sacramento in April 1997 and is one of 22 nationwide facilities.

Sacramento is home to over 120 community parks, located in a wide mixture of neighborhoods. Sacramento also serves as the entry point to the sierra foothills, the gold country, and historic highway 49.