

Services provided include conventional and high-frequency ventilation, nitric oxide therapy, extracorporeal membrane oxygenation (ECMO), and pre- and post-operative surgical care. KCH is a tertiary care facility with all subspecialties available for consultation including: Cardiology; Pediatric Cardiothoracic Surgery; Pulmonology; Infectious Disease; Hematology; Neurology; Pediatric Surgery; Neurosurgery; Ear, Nose & Throat; Plastic Surgery; Gastroenterology; Radiology; Ophthalmology; Nephrology; Urology; Endocrinology; Genetics/ Metabolism; and Acute Care.

The Division of Neonatology also operates an outpatient NICU Graduate Clinic and a Complex Care Clinic. These clinics provide developmental follow-up for at-risk infants. Babies are followed for physical, neurological and developmental assessments, as well as post-hospital management of on-going medical problems. The clinics are staffed by attending neonatologists, fellows, residents, physical/occupational/speech therapists and social services personnel.

For additional information
Website: [pediatrics.med.uky.edu/
pa-neonatology-residency](http://pediatrics.med.uky.edu/pa-neonatology-residency)
Email: tbkinn0@uky.edu

PROGRAM DIRECTOR

Tria Kinnard, PA-C, MSPAS

MEDICAL DIRECTOR

Elie G. Abu Jawdeh, MD

CREDENTIAL AWARDED

Upon successful completion of the residency, a certificate will be awarded by the University of Kentucky, Department of Pediatrics, Division of Neonatology.

IMPORTANT DATES

March 15 – May 15: Applications accepted
Sept. 15: Program start date



NEONATAL PHYSICIAN ASSISTANT RESIDENCY



WHAT OUR RESIDENCY OFFERS

- A unique clinical experience at the longest running physician assistant residency in the country.
- Exceptional training in the care of neonates in a busy Level IV NICU.
- Marketability in the rapidly growing field of neonatology. All our graduates have accepted positions at the institution of their choice.

PROGRAM DESCRIPTION

The Neonatal Physician Assistant (NPA) Residency at the University of Kentucky is an intensive 12 month training program. The curriculum focuses on individualized learning and accepts three PAs each year.

CURRICULUM

The didactic portion of the residency consists of a series of lectures given by NICU faculty, advanced practice providers and pediatric sub-specialty faculty to provide a solid foundation in neonatal physiology and pathophysiology. Other educational activities include simulation training, clinical conferences, journal club, morbidity and mortality conferences, maternal-fetal medicine conferences, pediatric grand rounds, ethics conferences, pathology conferences, and an optional



neonatal physiology course (five credits at the University of Kentucky). NPA residents also participate in a quality improvement course and work on projects to improve the care of neonates in the NICU. In addition, they have the opportunity to attend a regional neonatal conference.

The clinical portion of the residency includes rotations in maternal-fetal medicine, newborn nursery, pediatric radiology, pediatric cardiology, pediatric surgery and the NICU. During their service months in the NICU, residents will work closely with attending neonatologists, fellows, advanced practice providers and pediatrics residents to care for a wide variety of patients. The NPA will also take in-house night call at least four nights per month. During call the NPA resident will be responsible for all patients on their team with in-house back-up provided by a fellow and attending physician.

SKILLS

- Caring for newborn infants, including healthy newborns, convalescing preterm infants, and critically ill neonates.
- Leading infant resuscitation.
- Performing common neonatal procedures such as endotracheal intubation, lumbar puncture, umbilical line placement, chest tube placement, and peripheral arterial line placement.

FACILITY

The Neonatal Intensive Care Unit at Kentucky Children's Hospital (KCH) is a 70 bed, level IV facility that provides care to critically ill newborns from across Central and Eastern Kentucky. With close to 1,000 infants admitted each year for medical and/or surgical reasons – and approximately 100 of those infants weighing less than 1,000 grams – the KCH NICU cares for all neonates from the simplest to the most complex.