





PEDIATRIC CRITICAL CARE AT UB

Learn from Pediatric Critical Care medicine experts at a Level 1 Pediatric Trauma Center.

You will be mentored and trained to be able to take the lead during daily multidisciplinary morning rounds once you reach your second year of training.



Consistent research collaboration with our NICU and PEM departments leads to innovative and high-quality projects guided by faculty mentors.

Program Director:

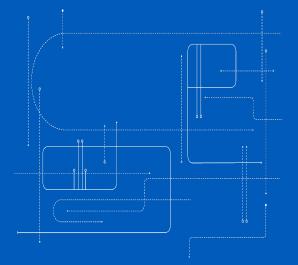
Ryan K. Breuer, MD rbreuer@upa.chob.edu

Associate Program Director:

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Program Administrator:

Jordan Koper, MA <u>jkoper@upa.chob.edu</u> 716-323-0027





Pediatric Critical Care Medicine Fellowship

PDs: Maya Dewan and Matthew Zackoff

- Training occurs in our 48-bed PICU and 36-bed CICU located in our brand-new critical care building
- Focused curriculum in quality improvement, education, and research provided for all fellows within protected didactics and project based learning
- Additional opportunities for advanced simulation training, T32 basic/translational/pharmacology 4th year, masters in medical education and other advanced degrees, and operational excellence 4th year plus more!





Cincinnati is an amazing affordable city with great hiking, parks, sports, schools and childcare, music, theater, and friends



Come follow us @CincyKidsPCCM









University of Colorado Children's Hospital of Colorado



Angela Czaja, MD PhD (PD) Ryan Good, MD (APD) Joyce Carpenter (PC)

Program Mission: To train the future leaders of pediatric critical care, who will provide compassionate and high-quality care and contribute to the advancement of critical care medicine.

Who we are...

11-12 fellows

20 physician faculty, 15 advanced practice providers

Interprofessional care ICU teams



Program Training Goals

High-Quality Comprehensive Care

32 (flex to 48) bed PICU with 5-state catchment area resulting in high-volume, diverse patient population (trauma, ECMO, CRRT, transplant)

16 bed CICU with active surgical program

Anesthesia and pulmonary rotations

Scholarship/Research

Consistent NIH funding for basic, clinical/translational and data science research

Individualized approach to scholarly activity based on fellow passions, interests and career goals with wide range of academic foci



Wellness/Resiliency/DEI

Resources to support wellness and resiliency, individual and team-based

Commitment to DEI within the program and institution



UCDAVIS HEALTH

CHILDREN'S HOSPITAL



- New program (2020)
 - Be the 3rd fellow build legacy!
 - Personalized, individual training
 - Fellows' College
- UC Davis Med Center
 - Top 35 diversity employers

- Mixed 24-bed unit
 - >1800 admissions/yr
 - Busy Level 1 Trauma
 - 100 bypass cases/yr
 - ECLS Platinum Ctr of excellence
- 15 awesome faculty
 - Research interests:
 - Telemedicine
 - Simulation, Med Ed
 - Cong heart dis screening





- Sacramento, CA
 - Diverse population
 - "Farm to fork capital"
 - Proximity to Bay Area, Tahoe, Napa & more



























University of Illinois College of Medicine at Peoria

- PD Jon Gehlbach
 - jgehlb2@uic.edu
- APD Ed Martinez
 - emarti36@uic.edu
- Coordinator –
 Jenny Doerr
 - jjdoerr@uic.edu

- 2 fellows/year
- NEW program in 2022
 - 1st pair of fellows started this month
- Mixed unit (combined cardiac/medical)
- 32-bed critical care floor (16 ICU)

Program Culture

- You can help create it!
- Emphasis on clinical excellence with individualized scholarly goals
- 9 diverse PCCM faculty, all eager to teach/mentor

Institution Culture

- Growing division with ability to support scholarly projects in variety of areas
- On-campus world class Jump Simulation & Innovation Center
- 3rd peds fellowship to start in last 2 years

Geographic area/Culture

- Only PCCM fellowship in downstate IL
- Large geographic referral area (mix of suburban/rural) along Illinois River valley
 - Fantastic quality of life and cost of living





University of Iowa Pediatric Critical Care Fellowship Program





Sarah Haskell, PD

Why choose us?

The Hospital

- * only Free-standing tertiary care children's hospital in Iowa
- * Six fellows total (approximately 2/year)
- * 28 bed PICU
- * Mixed Cardiac and Med/Surge PICU
 - CVICU run entirely by Pediatric Intensivists
 - Intensivists with additional Cardiac ICU Training
- * Ranked by US News and World Reports in 7 different Pediatric categories
- * Solid organ and Bone marrow transplant patients
- * VA/VV ECMO (~20-25/year in pediatrics)
- * Renal replacement therapies: Prismaflex and carpedium
- * ALL pediatric subspecialists and pediatric surgical specialties available
- *Travel Support for conferences and presentations
- * National PICU Bootcamp through CHOP for first years
- * Rapidly expanding Simulation Program: in situ, transport, DEI, DBN
- * 14 PICU Faculty, including those with additional cardiac training
- * Close contact/communication with all subspecialities

The Location:

- * Iowa City College town life with college town benefits
- * Big 10 sports
- * Easy/great commutes
- * Cost of living
- * The beauty of the Midwest
- * The beauty of the Midwest hospitality
- * Great faculty to work with
- * Great unit staff to work with
- * Great location for travel to surrounding areas
- * Arts, Music, festivals galore in Iowa City





CHANGING MEDICINE.

CHANGING KIDS' LIVES.

**

CHANGING KIDS' LIVES.

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Shilpa Balikai, APD

Richard Bonar, PC



Program
Director:
Ashley L.
Siems, MD,
MEd

Associate
Program
Director:
Anthony
Sochet, MD,
MSc

Program Coordinator Ashley Bonham, C-TAGME

Program specifics

- 28 bed PICU
- 20 bed CVICU
- 257 bed stand alone Children's Hospital
- Protected time for weekly academic half day that includes traditional didactics, sim, diversity and health equity, and inter-disciplinary conferences
- Research training curriculum with additional funding available



Program Culture Our mission is to be innovative in our educational strategies and individualize your experience to your career goals **Institution Culture** The institution is dedicated to being a leader in the community and nationwide. We prioritize developing physician leaders. Geographic area/Culture Situated on the Gulf Coast of Florida, our location lends itself to outdoor activities 365 days a year! We have great sports teams and many museums with a thriving food scene. Plus, postcall sunsets on the beach are a plus!







Loma Linda University Children's Hospital Pediatric Critical Care Medicine Fellowship

Harsha K. Chandnani, MD MBA MPH

Program Director

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Jui Shah, MD
Associate Program Director
<u>JuiShah@llu.edu</u>

Alma Higuera

Program Coordinator

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25-bed PICU 14-bed CTICU **Busy Transport Service** 250-bed Children's Hospital Serves 4-county Inland Empire Service >1.2 million kids Designated Level 1 Trauma More than 1800 PICU admissions/year More than 800 transports/year VAD/ECMO Program Cardiac Transplant Program Kidney Transplant Program Bone Marrow Transplant Program Renal Replacement Therapies **HIGH Volume HIGH Acuity** State-of-the-art Simulation Center

The Program

This program seeks to develop outstanding clinicians, educators, and researchers in pediatric critical care by providing a strong foundation in medical knowledge and ethics, skills in teaching, mentoring, and communication.

The Institution

Grounded in faith, we unite the strengths of healthcare, education, and research to deliver world-class care. Graduate medication education for over 800 residents and fellows in 60 accredited programs.

Geographic Area

Located in the sunny Inland Empire of Southern California, Loma Linda University boasts access to rich natural beauty and historic sites. It opened in 1905 by the Seventh-Day Adventist Church. Loma Linda is designated as America's only "Blue Zone", and LLU has a legacy of promoting health, longevity, and wholeness.



Training

10 Fellows

12 Faculty

78 Pediatric residents

13 Subspeciality pediatric fellowships

Learning

Individualized learning experience

Multidisciplinary collaboration across public health, engineering, and more

Location

One of the world's largest and most diverse cities

The center of film, food, the outdoors, and perfect weather



Hospital

24 ICU Beds

Separate PICU and **CTICU**

ECMO, eCPR, VAD, & Level 1 Trauma

Transplant









World class

Research

research at the #1 public university in the country

Basic science, translational, and clinical

Myke Federman, MD

Director, Fellowship Training Program

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Leedun Solachnek

Fellowship Program Coordinator

LSolachnek@mednet.ucla.edu

Mass General Brigham Mass General for Children

Pediatric Critical Care Medicine Fellowship

Who We Are:

PD: Michael Flaherty

APD/Division Chief:

Phoebe Yager

PC: Blanka Travar

7 Total Fellows (Recruiting 3 this cycle)



What We Are:

3-year PICU fellowship tailored to your career and research/clinical goals

Training occurs primarily at the MGH PICU, as well as additional training in cardiac ICU at Boston Children's, Burn ICU at Shriners Children's, and airway expertise at Mass Eye and Ear

Why MGH?:

Broad range of research expertise and clinical experiences across MGH and Harvard

Dedicated faculty with multiple areas of expertise from clinical research to advocacy and basic science

A culture of inclusion, feedback, and constant improvement tailored to our fellow's needs



Come make Boston your home!





University of Minnesota Pediatric Critical Care Medicine Fellowship

Ashley Bjorklund, MD bals0064@umn.edu
Program Director



Nick Brown, MD
row2804@umn.edu
Associate Fellowship Program Director



Marie Steiner, MD, MS
stein083@umn.edu
Fellowship Program Director Emeritus

- MHealth Fairview University of Minnesota Masonic Childrens Hospital - Primary training site offers broad exposure to solid organ transplant, Bone Marrow Transplant, & Cardiac ICU
- ➤ Hennepin County Medical Center, a Level 1 Trauma Burn and Safety Net Hospital - Secondary training site
- Diverse patient population
- Mentorship from faculty actively engaged in research in bioethics, global health, device innovation, education, big data, child maltreatment, ECMO/coagulation and quality improvement
- - Fellow are recognized by residency





Children's Hospital at Montefiore PCCM - Bronx, NY

Who We Are:

- 6 fellows, 2/year
- 12 PCCM attendings
- NPs/hospitalists
- Large subspeciality groups
- 23 pediatric fellowships



Program Specifics:

-26 bed unit

Children's

Hospital

- -Renal, liver, heart transplants, BMT, CAR-T
- -ECMO, CRRT, MARS (one of 4 national centers)
- -Well established (since 1986)
- -Robust curricular/simulation program

Program Culture:

- -Good camaraderie between fellows and attendings
- -No ACGME citations
- -ACGME commendations for several years
- -Hybrid schedule no night float, limited 24h shifts
- -Wellness-conscious

Hospital Culture:

- -Emphasis on community advocacy and service
- -Multiple DEI opportunities, opportunities to get involved
- -Diverse staff, patients and community

Lifestyle:

- -Northernmost Bronx safe neighborhood!
 -Commute from suburban
 - -Commute from suburban
 Westchester Co, Long Island, NJ or
 NYC
 - Subsidized on-and off -campus housing available
- -Access to all NYC attractions and surrounding area (1hr to beach, mountains)





New York University Grossman School of Medicine Our program in a slide......



- •NYC Central location in midtown Manhattan
- •Lots of areas to live in nearby, easy location for commuting/travel

Facilities

- Hassenfeld Children's 16+6 bed PICU and 12 bed CCVCU
- •Quaternary Care Transplant, ECMO, CVVH, HFOV...
- •Bellevue Hospital Center 7 bed PICU
- •Community PICU Experience Trauma Center; referral for NYC H&H public hospital system



- •Robust clinical exposure
- •Comprehensive didactics
- Experiential learning with simulation



- •HRO and safety culture
- •Individualized learning and mentorship
- Patient and Family Centered Care
- •Commitment to Equity, Diversity and Inclusion



- Faculty from diverse training programs
- Diverse scholarly interests
- Cohesive and supportive group
- Love what we do!



















Sala Institute for Child and Family Centered Care





Children's Hospital of Philadelphia



Don Boyer, MD, MSEd *Program Director*





Mission: To prepare fellows, as clinicians and academicians, to deliver the best patient care possible and to become leaders in PCCM





Julie Fitzgerald, MD, PhD

APD, Research & Scholarship



- First PCCM Fellowship in the country
- DEI are foundational to culture
- 18+ fellows; 42 faculty (PICU)
- Categorical & combined training path opportunities (Anesthesia, Cardiology, Informatics, etc.)
- Countless opportunities in research, education, advocacy, and leadership



Kelly Martin, MD, MSEd APD, Clinical Operations



Sam Rosenblatt, MD, MSEd APD, Education







- Work hard, play hard
- 75+-bed PICU with > 4K admissions/yr (and growing)
- Diverse, unique contributions of each individual valued
- Broad variety of interests in faculty & fellows

Geographic area/Culture

- 6th largest city in U.S.
- Excellent restaurants (BYOs abound)
 - Sports, arts, outdoor activities, largest urban park in the U.S., 75-mile riverside recreational trail; close proximity to NYC, Baltimore, DC, Lancaster, Poconos, beach, skiing/snowboarding, and so much more!



Alex May
Program Coordinator





University of Washington Pediatric Critical Care Fellowship

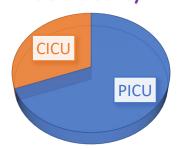


UW Medicine

12 Fellows



39 Faculty





Katie R. Nielsen **Program Director**



Eileen J. Rhee **Assistant Director**



Andrew Koth Assistant Director

18 months clinical



Seattle Children's Hospital PICU/CICU

2000+ PICU admissions/vr 500 CICU admissions/yr **Regional Transplant Center** 300+ ECMO days per year



Harborview Medical Center Trauma/Burns ICU

Only Level 1 trauma center for WWAMI region

300 admissions/yr

Mission: To train future academic leaders in pediatric critical care







Commitment to anti-racism





15 months research

Clinical research

Health disparities Outcomes after critical illness PALISI network

Quality Improvement

IPSO collaborative Ethics of organ Pedi-ResO Post-arrest care Single ventricle care

Bioethics / **Palliative Care**

donation Organizational ethics Resource allocation

Global Health

Kenya: capacity building Peru: Health systems strengthening Nepal: burn injuries

Pacific Northwest Beauty







PD – Jason Werner jason.werner@health.slu.edu



PC – Michelle Roberts Michelle.Roberts@health.slu.edu





21-bed combined PICU/CVICU

1,200 admissions/yr

240 open heart cases

Busy trauma w/ PICU primary

ELSO Diamond center

3 regional transport bases

Dedicated sedation service

Vigorous QI programs

Departmental statistics support and research mentorship

Program Culture

With 1 fellow / year, the academic and clinical needs of the fellow guide the curriculum and training. Faculty retain the agility to revise program to individual goals. Fellows are the 1st point of contact for all patients in the PICU

Institution Culture

We are focused on providing excellent care to those who need it most, in our communities, in our region and around the world. We value the unique contributions of all and are enriched by our variety of backgrounds and viewpoints.

Geographic area/Culture

Wide variety of environments close to the hospital. Vigorous free zoo and museum district, arts and music community, and food scene. Busy and vital immigrant communities, communities of color, and LGBTQ+ community. 3.5M people catchment area.

Stanford Pediatric Critical Care Medicine

Diverse Clinical Training

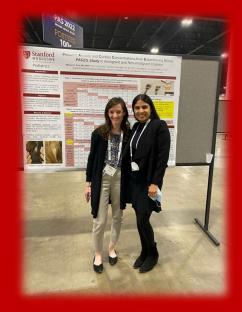
Individualized Scholarship

Amazing People

Life in the Bay Area





















UTSouthwestern

Medical Center Children'shealth?

Pediatric Critical Care Fellowship



Current fellows

People

Program Director Michael Green

Associate Program Director Blake Nichols

Program

- 13 total fellows
- 490-bed Children's Hospital
- 44-bed PICU with >2000 admissions per year
- 30-bed CVICU with ~600 heart surgeries per year



Program Culture

- "A big program that doesn't feel big"
- Attendings have an "open door" policy

Institution Culture

- Commitment to wellness including Resident Wellness and Counseling Center
- Expanding diversity, with opportunities such as Housestaff Emerging Academy of Leaders (HEAL) for Underrepresented Groups
- UTSW has large, diverse faculty that includes 4 current Nobel laureates
- 2020 analysis of pediatric critical care research authorship placed Children's Medical Center as most influential center ranked by 4 influence measures (PCCM)

Geographic Area

- North Texas is the **fastest growing** of all major metropolitan areas in the US
- Dallas was recently named among the top 20 most diverse cities in the US (Bloomberg)
- Bon Appétit named Dallas the 2019 Restaurant City of the Year.



- Faculty
 - 22 clinical
 - 10 research
- Fellows
 - 3-4 fellows/year
 - 11 current fellows
- Leadership
 - Andy Smith-PD
 - Stephanie Goldstein-APD



Clinical Highlights

- Serves as only pediatric trauma and quaternary care center for five states
- 28-bed PICU
- 18-bed CICU
- Full range of technologies
- Balanced spectrum of pathologies from the most common to the most complex within a single unit
- Graduated autonomy and clinical schedule spread over three years
- 12-hour clinical shifts in weeklong blocks with no 24-hour coverage

Scholarly Highlights

- Tailored scholarly program to meet each fellows' interest and goals
- Home of NIH-funded national data coordinating center for CPCCRN and other multi-institutional research
- Broad scholarly expertise from the bench to large clinical trial design
- Opportunities for additional training in clinical research, informatics and education



Being a PICU fellow is hard; We do it differently in Utah.

- Our goal is the right balance between academic rigor and personal wellness.
- Our graduates are ready to be outstanding clinicians and experts in their academic area of interest.
- Our hospital is steps from world-class mountains and outdoor activities

University of Virginia Charlottesville, VA



Clinical Stats

- 1000 admissions per year
- Enormous catchment area (VA, WV, TN)
- 250 CPB cases per year
- 10-15 heart transplants per year
- #20 USNWR Cardiology/Cardiac Surgery
- Surgery partnership w/ CHKD & VCU
- Level 1 Trauma Center
- ECMO/VAD program
- Liver and renal transplant program
- CAR T-cell and HSCT (new) programs
- **Home of VA Poison Control Center**

Curriculum

- 72 clinical weeks
- 56 weeks ICU
- 8 weeks Sedation
- 4 weeks Anesthesia
- 4 weeks Elective
- Comprehensive education curriculumdidactics, simulation, chapter reviews...
- PALISI Clinical Research Course
- First Year Boot Camp
- CNH POCUS Course
- **Open Pediatrics Curriculum**

The Basics

- 20-bed combined CICU/PICU (plan to expand to 25-beds in 2022) two separate rounding teams
- 6 bed intermediate care unit
- 1-2 fellows per year
- 10 PCCM trained faculty
 - 4 dual-trained in Cardiology
 - 1 dual-trained in Palliative Care
- 8 Advanced Practice Providers
- 24/7 in-house attending coverage



Life in Charlottesville

- College Town (pop. 150,000)
- 2 hours to DC, 1 hour to Richmond
- 20 minutes to the Blue Ridge Mountains
- Outdoor paradise hiking, biking, running, skiing, kayaking, rock-climbing...
- Vibrant restaurant, arts and music scene
- Dozens of wineries and breweries
- Dog/Kid friendly
- Affordable housing available close to work





Pediatric Critical Care Medicine Fellowship





Melissa Cercone, MD
Fellowship Program Director

About the Program

The University of Wisconsin Pediatric Critical Care Medicine Fellowship program provides balanced, well-organized, and progressive clinical, technical, research, teaching and consultative experiences. At the heart of our program is an elite children's hospital, American Family Children's Hospital (AFCH). By encompassing a collaborative approach of caring for all critically ill children admitted to AFCH, the Pediatric Critical Care Fellowship works towards the common vision of delivering state-of-the art and comprehensive medical care. Clinical training experiences include rotations with pediatric anesthesiologists, the pediatric sedation program, the pediatric cardiovascular intensive care unit, and didactic training in helicopter and ground transport. Fellows may also choose to participate in elective rotations including but not limited to adult critical care, neurosurgical critical care, transport, respiratory care, pharmacy, critical care nursing, neonatal critical care, burn care, and global health.

Institutional Culture

Our GME programs are consistently recognized for their ongoing strength and innovation, and we understand the power and value of diversity. We've developed programs and protocols within our GME programs to ensure we are moving forward and building inclusive work and health care environments.

Geographic Culture

A vibrant, picturesque city with a population just over 250,000, Madison is the state capital and the home of the University of Wisconsin. While boasting many big city amenities, Madison is an easy city in which to live. Commutes are short, the cost of living reasonable, and it's a great place to work, have fun, and raise a family.



Follow to learn more! @WiscPedsRes





Yale Pediatric Critical Care Medicine Fellowship

Program Goals

Provide excellent clinical training Provide excellent education Provide excellent academic training

Collegial and friendly Faculty!



Program at a Glance

19 Bed (23 flex), fellow-run PICU (6 total fellows, 2 APRNs) Flexible call schedule (q4 on service, q7 off service) All Pediatric medical and surgical subspecialties (Liver/Kidney/Heart/BM Txp, CAR-T, Level 1 Trauma Center)

All organ support modalities (HFOV, ECMO, CRRT)

Active Sedation and Transport Services

<u>Program Culture</u>

Adaptable, fellows-first program

Focus on time for academic work: ≥19 months of research time Pathway Focus: Basic or clinical science, QI/MedEd training, global health **Opportunities for additional training**



PD: John Giuliano, john.giuliano@yale.edu APD: Ric Pierce, richard.pierce@yale.edu PC: Sheryl Richetelli, sheryl.richetelli@yale.edu

Geographic Location

Train at Yale New Haven Hospital

NewHaven



202 bed pediatric hospital within a hospital Nationally ranked in 6 peds subspecialities Small town feel, big city amenities Diverse city, worlds best pizza!

Institutional Culture



Elite academic resources Commitment to Social Justice Highly supportive environment



Stanford Pediatric Critical Care Medicine

Diverse Clinical Training

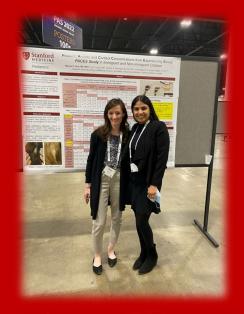
Individualized Scholarship

Amazing People

Life in the Bay Area























Fellowship

- Intentionally small (1/year) program
- High acuity and procedurally heavy
- Close working relationship with faculty
- Formal clinical mentor program
- Fellows expected to take clinical leadership role very early in training
- Focus on "pre-tending" during third year
- Faculty with diverse training backgrounds and clinical expertise/interest

PCCM Faculty



Gary Ceneviva, MD Division Chief



Adrian Zurca, MD, MEd Program Director























Clinical Environment

- Children's Hospital with 8 floors
- 18-bed mixed PICU
 - Separate Intermediate Care Unit staffed by non-PICU physicians; care for less acute patients often cared for in other PICUs
 - Able to expand clinical services up to 24 ICU patients
- High acuity
 - Severity of illness-adjusted mortality ranks amongst the highest nationally
- Level 1 pediatric trauma center
- Children's Heart Group one of 11 programs in the US with a maximum 3-star STS rating

Research/Scholarship

- Division actively participates in multicenter clinical, quality and educational collaborative research studies (e.g. PALISI, CAPCCRN, EPIC)
- Support for wide range of research interests (clinical, basic science, education, simulation, quality, DEI, etc.)
- Neal Thomas (PALISI co-chair) serves on all fellows' scholarly oversight committees

Education

- Protected academic day (Mondays)
- Integrated simulation curriculum
- Availability of Masters courses (MEd, MSc)

Geographic area/Culture

- Large catchment area
- Mix of urban, suburban and rural patients
- Low cost of living, easy commute
- Close proximity to NYC, Philadelphia, D.C., Pittsburgh



SCHOOL OF MEDICINE











University of Louisville
Norton Children's Hospital
Pediatric Critical Care Medicine
Fellowship

Kate Potter, MD, Med

Program Director

katherine.potter@louisville.edu

Natalie Henderson, MD

Associate Program Director

natalie.Henderson@louisville.edu

Mary Lu Schooler

Program Coordinator

marylu.schooler@louisville.edu

2 fellows per year

24-bed PICU

17-bed CICU

300-bed children's **hospital**

Level 1 Trauma Center

1800 **PICU patients** yearly

400 CICU patients yearly

1200+ transports yearly

VAD/ECMO programs

Cardiac transplant

Renal transplant

Bone Marrow transplant

The Program

We strive to develop remarkable physicians, skilled educators, and confident researchers by providing a robust foundation in didactics, procedural skills, clinical acumen, interdisciplinary team management, teaching, and mentoring.

The Hospital

A standalone children's hospital sponsoring 3 residency programs and 12 fellowship programs.

The Area

Louisville is a great city in which to live! We have a nationally accredited parks system, the nation's largest municipal forest, the Kentucky Derby, University of Louisville Cardinals, Lou City FC, Kentucky Center, and KFC Yum! Center