

FELLOWSHIP PROGRAMS

2021-22



Le Bonheur
Children's Hospital



THE UNIVERSITY OF
TENNESSEE
HEALTH SCIENCE CENTER

Table of Contents

Welcome Letter	1
Fellowship Office Staff	2
City of Memphis	3
Program Overview	9
Fellowship Programs	15
About Le Bonheur	37



@lebonheurchild



/lebonheurchildrens



/lebonheurchildrens



/lebonheurchildrens



lebonheur_child



/company/lebonheurchildrens

Welcome

Le Bonheur Children's Hospital offers top-tier pediatric training programs in a patient- and family-centered environment. Named a "Best Children's Hospital" by *U.S. News & World Report* for 11 consecutive years, our 255-bed state-of-the-art facility has more than 750 medical staff and 45 pediatric specialties. Our academic affiliation with the University of Tennessee Health Science Center (UTHSC) in Memphis, along with our premier academic partner, St. Jude Children's Research Hospital, delivers a transformational education experience for our fellows.

Because of our strong commitment to quality improvement, patient safety and transparency in health care, we participate in Children's Hospitals' Solutions for Patient Safety and many other collaboratives and registries. In order to secure our financial future to care for children for many years to come, Le Bonheur recently embarked on an ambitious plan to raise a \$100-million endowment by 2030.

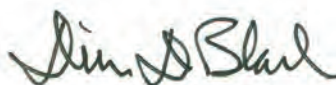
The primary aim of our fellowship programs is to create the next generation of leaders and innovators in pediatric academic medicine. Based at Le Bonheur Children's Hospital, the Children's Foundation Research Institute provides all of the necessary resources to perform basic, translational or clinical research. We help our trainees develop core competencies in academic medicine focusing on education, research, patient care and advocacy. In summary, we are dedicated to fostering your success during fellowship training and beyond.

The following pages highlight many aspects of our fellowship programs and various attributes that make Memphis a great place to live. "Le Bonheur Proud" is our motto and the foundation of our spirit on campus. We truly appreciate your interest in our program. If you have any additional questions, please contact the Fellowship Office at LBfellow@uthsc.edu or (901) 287-5429 for further information.

Sincerely,



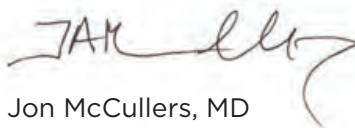
Michael Wiggins, DBA, FACHE
President, Le Bonheur Children's Hospital



Dennis Black, MD
Director, Children's Foundation Research Institute
Professor of Pediatrics



Michael Rebolledo, MD, MBA, MPH
Director, Pediatric Fellowship Office
Associate Professor of Pediatrics



Jon McCullers, MD
Chair, Department of Pediatrics
Professor of Pediatrics



Terri Finkel, MD, PhD
Vice Chair of Clinical Affairs
Le Bonheur Children's Hospital
Professor and Associate Chair of Pediatrics

Fellowship Office Staff



Michael Rebolledo, MD, MBA, MPH

Director, Pediatric Fellowship Office
Associate Professor of Pediatrics

Residency: Baylor College of Medicine, Texas Children's Hospital

Fellowship: University of California, Los Angeles



Jayme McGrail

Administrative Coordinator, Pediatric Fellowship Office
jmcgrail@uthsc.edu
901.287.5429



Joan Chesney, MDCM

After a full and robust career dedicated to caring for children and training the next generation of physicians, Joan Chesney, MDCM, retired from Le Bonheur Children's Hospital in 2020 where she was founder and director of the Pediatric Fellowship Office. A pioneer in pediatric academic medicine and an expert in pediatric infectious diseases, she worked at St. Jude Children's Research Hospital for 16 years where she developed an infrastructure and offices initially for more than 250 postdoctoral fellows and then for the 50 clinical fellows. In 2016, she returned to Le Bonheur as associate program director of the Pediatric Residency Program and director of the Pediatric Fellowship Office.

Thank you, Dr. Chesney for your tireless service to Le Bonheur.

City of Memphis



Memphis by the Numbers

1819

Memphis founded by John Overton, Andrew Jackson and James Winchester

1911

University of Tennessee Medical College founded

19



hospitals in Memphis



Cost of living
20% below
national average

205



inductees in the
Rock 'n' Roll Hall of Fame
came from within
a **100-mile radius of Memphis**



most charitable city in
AMERICA
according to the
Chronicle of Philanthropy

Memphis Metropolitan Area
consists of

1.3 million
residents

7,000

acres of park space – one of the
top urban park systems in the nation

600



bikes available through
Explore Bike Share

400

songs mention
Memphis – more than
any other city in the
world according to
Billboard Magazine

63°

average temperature

60

miles of
bike lanes

1971

FedEx founded,
making Memphis
the **busiest cargo**
airport in the world

26

miles of
Wolf River
Greenway
paved trail

100



barbeque
restaurants

Where Our Fellows Live



Photo Credit: Memphis Heritage **High Point Terrace**



Downtown



East Memphis



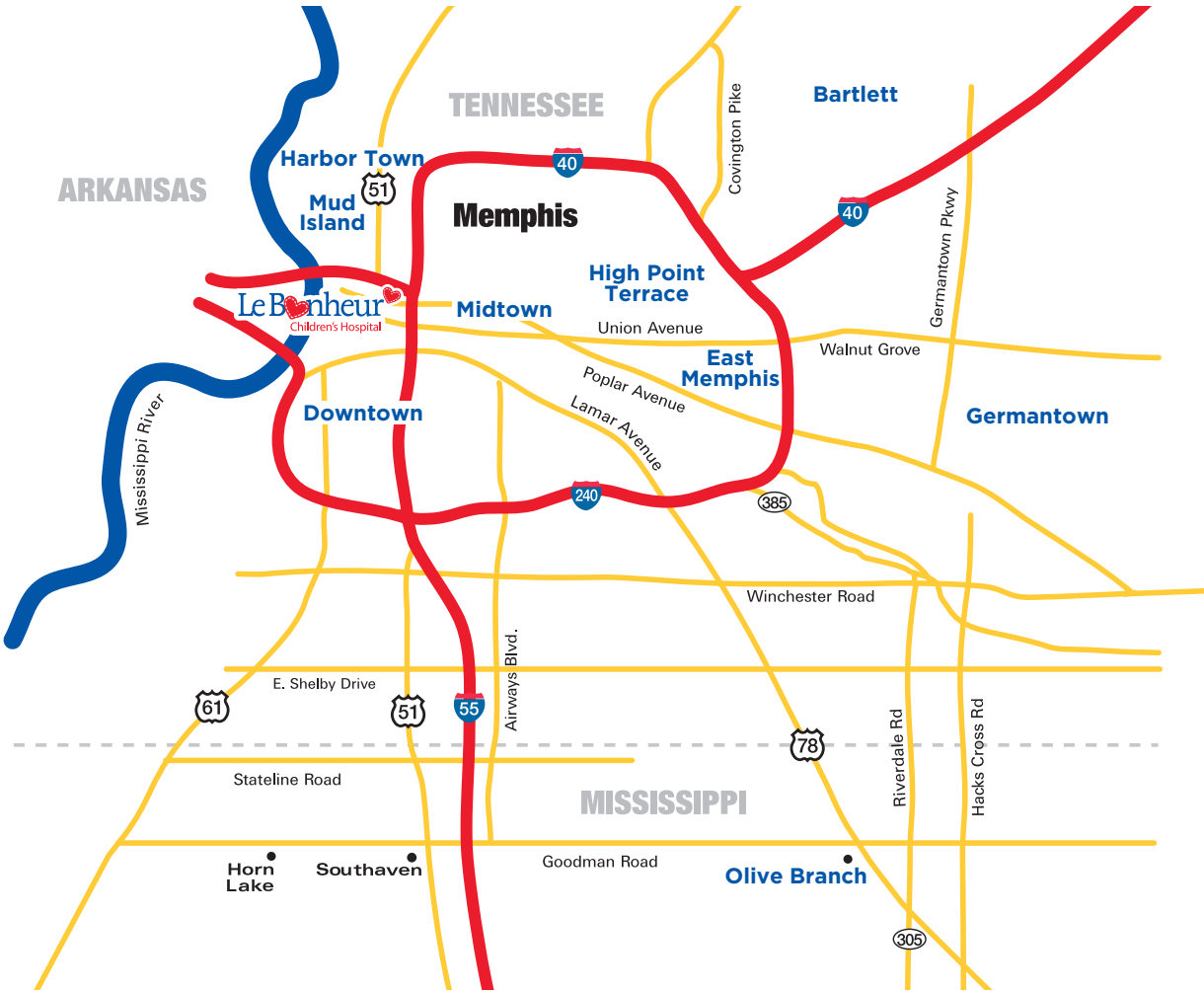
Midtown



Mud Island



Cooper Young



Things To Do in Memphis

Locals always say that Memphis has big-city amenities with a small-town feel. A day off from fellowship training is the perfect opportunity to experience all that Memphis has to offer. Foodies, sports fans, art aficionados and outdoor enthusiasts can find activities and experiences any day of the week in this vibrant city.

Good Eats

While most famous for delicious barbecue, Memphis' restaurant scene is bustling with a wide variety of cuisines and food experiences. Jump-start the day with a garden and lamb omelet from Brother Juniper's or sweet potato pancakes from Memphis' oldest café, Arcade Restaurant. Options for a delicious dinner experience are limitless. Enjoy an intimate meal at Restaurant Iris, try the world-famous Gus's Fried Chicken or enjoy classic Memphis barbecue at Charlie Vergos' Rendezvous.



Central BBQ



Second Line



Beauty Shop



Gray Canary

Live Music

Wandering down Beale Street, it's clear why Memphis is known as the birthplace of rock 'n' roll and the home of the blues. Live music can be found somewhere in the city on almost any night of the week. Enjoy a concert at Minglewood Hall and outdoor, family-friendly concerts at the Levitt Shell. Is classical music more your style? Check out Memphis Symphony Orchestra, Opera Memphis and Ballet Memphis performances year round.



Minglewood Hall



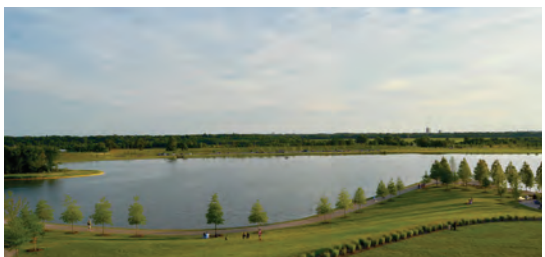
Memphis Symphony Orchestra



Levitt Shell

Outdoor Activities

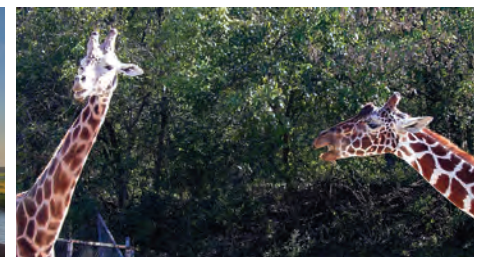
With its location on the Mississippi River, 26 miles of Wolf River Greenway paved trail and 7,000 acres of park space, Memphis is a haven for outdoor enthusiasts. Take in the mighty Mississippi with a walk across Big River Crossing, enjoy a morning at the 96-acre Memphis Botanic Garden or explore trails, paddle the lakes and enjoy treetop adventures at Shelby Farms Park.



Shelby Farms Park



Big River Crossing



Memphis Zoo

Sports

Memphis is home to multiple professional and collegiate sports teams so — Memphians can enjoy sports all year round. Cheer on the Memphis Grizzlies at FedExForum, enjoy a day at the ballpark with the Memphis Redbirds — the Triple-A affiliate of the St. Louis Cardinals, join the chants and cheers for the local soccer team, Memphis 901 FC, or catch one of many Division I sports at the University of Memphis.



Photo Credit: NBA/Getty Images

Grizzlies



Redbirds



Memphis 901 FC

Arts and Culture

Art enthusiasts will not be disappointed when looking to find a night of entertainment and inspiration. Catch a Broadway show at the Orpheum Theatre or peruse the art at the Dixon Gallery and Gardens or the Memphis Brooks Museum of Art. Take in the history of Memphis and its vibrant culture with a visit to the National Civil Rights Museum, Stax Museum of American Soul Music and the Museum of Science and History.



National Civil Rights Museum



Museum of Science and History



Dixon Gallery

More

Experiences in Memphis don't end there. Take a stroll down historic and famous Beale Street or enjoy patio season on one of the many outdoor spaces in Memphis like Loflin Yard – an acre of green space in the heart of Downtown complete with a full bar and restaurant. Unwind from a long day and sample the local craft beer at one of the many breweries and taprooms – Ghost River Brewing, Memphis Made Brewing Co., Wiseacre Brewing Co. and many more.



Wiseacre Brewery



Loflin Yard



Beale Street





Program Overview

Fellowship Office

The UTHSC Pediatric Fellowship Office provides a centralized resource for all pediatric fellowship programs at Le Bonheur. We strive to create a community for fellows to network, grow and share common interests. Research Week introduces our fellows, to core academic skills in research while our monthly noon conference focuses on personal and professional development. We are the administrative point of contact for the Research Grants Program for clinical fellows helping them stay on track with their individual scholarship oversight committees (SOC). Through the Fellowship Office, we ensure that you have the key resources you need for a successful fellowship and medical career.

Research Week

In the fall of the first year, all fellows are given a week of protected time to participate in the Fellowship Office-sponsored Research Week. During this time, fellows will hear from different speakers as well as receive assistance from mentors to prepare a research project proposal.

Examples of Research Week topics are:

- How to formulate a research question
- Research study design and clinical trials
- Biostatistics and epidemiology
- Grants, Institutional Review Board (IRB) and ethics in research
- Databases available at UTHSC including REDCap



Noon Conferences

The Fellowship Office hosts monthly noon conferences just for fellows covering a variety of topics that supplement individual division conferences.

Examples of topics covered are:

- Quality improvement and patient safety
- First job considerations and CV prep
- Negotiations, interview skills and contracts
- Career opportunities
- Wellness
- Fellows as educators
- Personal finance
- Leadership
- Managed care and business of medicine
- Risk management
- Epidemiology and biostatistics review
- Presentation skills
- Health care policy and advocacy
- Introduction to E&M coding
- International health
- Promotion and tenure
- Social media and medicine
- Advice from senior mentors
- Professionalism
- Telehealth

Grants

The Research Grants Program for clinical fellows promotes meritorious clinical and basic investigation carried out by pediatric fellows at Le Bonheur. The Fellowship Office provides guidance and management of applications for available funding. For more details and to view the full guidelines and application, email LBfellow@uthsc.edu.

ACGME-Approved Pediatric Fellowship Programs

- Allergy and Immunology
- Cardiology
- Child and Adolescent Psychiatry*
- Critical Care
- Emergency Medicine
- Endocrinology
- Gastroenterology
- Hematology-Oncology
- Hospice and Palliative Care*
- Hospital Medicine
- Infectious Disease
- Neonatal-Perinatal Medicine
- Nephrology
- Neurology
- Obesity Medicine**
- Pulmonology
- Radiology*
- Sleep Medicine*
- Surgery*
- Surgery Clinical Research**

Combined ACGME-Approved

- Infectious Disease – Critical Care
- Hematology and Oncology – Critical Care
- Surgery – Critical Care

*Administered through other departments

**Not currently ACGME-approved



2021-2022 Trainee Compensation Rates for ACGME-Accredited Programs

PGY Level	Base Annual	With Disability Life Benefits
PGY 4	\$61,320	\$61,980
PGY 5	\$63,780	\$64,440
PGY 6	\$66,000	\$66,660
PGY 7	\$68,400	\$69,060

In addition to the base salary, fellows participating in the disability and group life insurance programs provided through GME currently receive an additional \$660 per year for disability and life insurance benefits as shown above in column three.

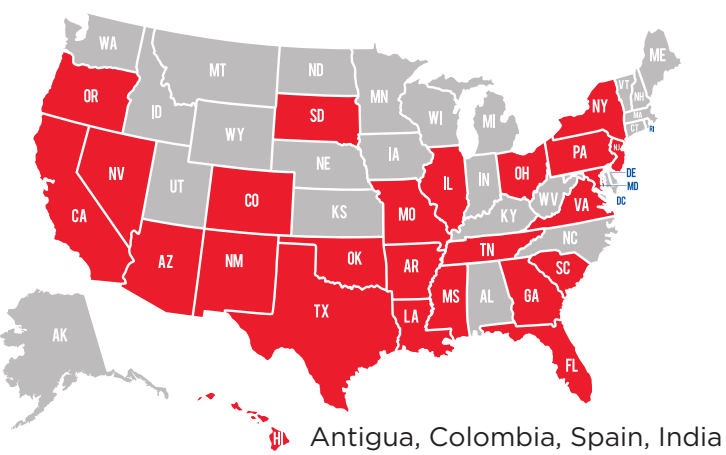
Full list of GME procedures and policies can be found at
<https://uthsc.edu/graduate-medical-education/policies-and-procedures/index.php>

Fellowship Office

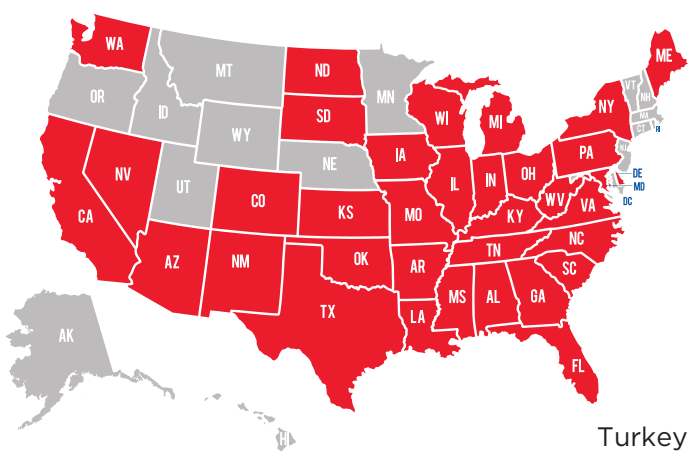
70 total fellows in 2021

21 individual fellowship programs

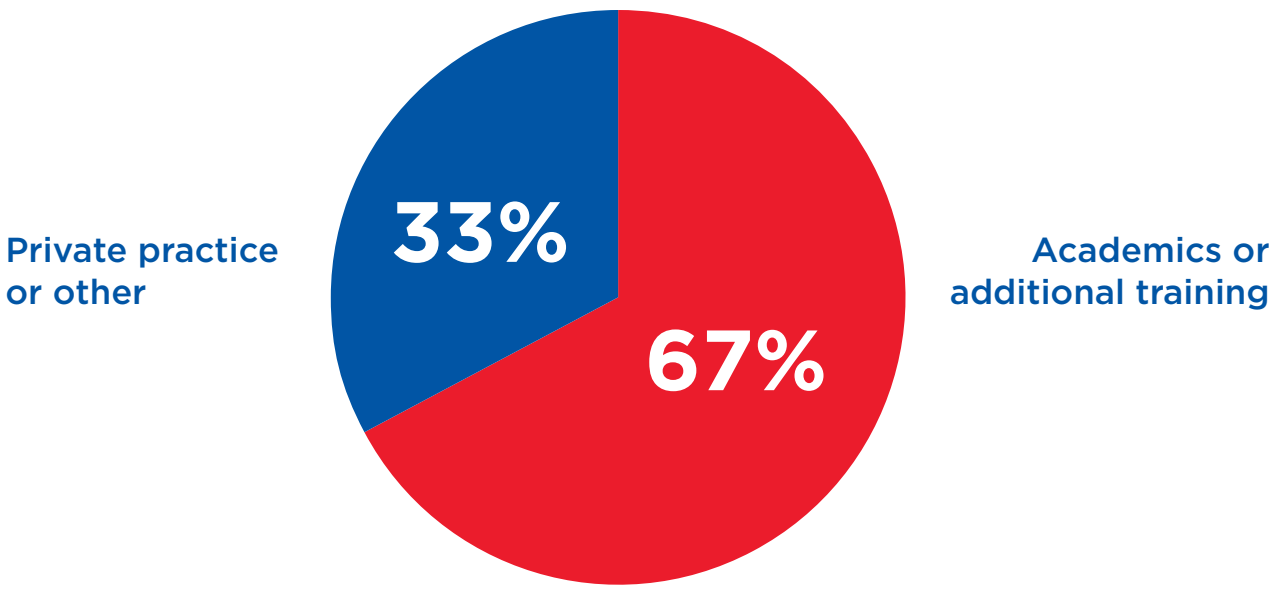
Where UTHSC Pediatric Fellows completed residencies (2010-2021)



Where UTHSC Pediatric Fellows are hired (2010-2021)



UTHSC Pediatric Fellows' Careers (2021)



Summary data does not include hematology and oncology and is based on fellow exit interviews.

COVID-19 and Graduate Medical Education

Like every academic health center in the country, our campus has been impacted by and implemented changes in response to the COVID-19 (SARS-CoV-2) pandemic. Adjustments to policies have been made to provide a safe environment for patients, visitors, providers and staff. All precautions are taken for fellows during their education and as they work inside the hospital. Policies are constantly evaluated as the pandemic develops.

Fellows have been involved in the care of COVID-19 and MIS-C patients, volunteered for community efforts to combat COVID-19 and engaged in research related to the virus. Fellows' work related to the COVID-19 pandemic includes:



- Treating patients with COVID-19 and multisystem inflammatory syndrome in children (MIS-C)
- Educating patients and families on COVID-19, MIS-C and vaccine misconceptions
- Researching acute kidney injury in children with SARS-CoV-2 infection
- Analyzing the effects of the pandemic on pediatric non-accidental trauma (child abuse), including trends of admissions, severity and location, and comparing data with prior years
- Volunteering at the UTHSC COVID-19 public testing site
- Researching COVID-19 vaccination adverse effects and reactions in health care providers to determine if prior COVID-19 infection or close exposure is a predictor of increased systemic side effects after COVID-19 vaccination

For up to date information on how COVID-19 is impacting our hospital and community, visit lebonheur.org/coronavirus and uthsc.edu/coronavirus.

What our Fellows say about our programs:

"I chose this fellowship for the **unique opportunity to serve at both Le Bonheur Children's Hospital and St. Jude Children's Research Hospital**. I was excited to find a program where I would be challenged to care for a wide variety of patients including those with BPD, cystic fibrosis and sickle cell disease, as well as those with cancer receiving chemotherapy or bone marrow transplant. It makes for a great day at work when you are excited to work for the patients you serve and the physicians, medical team and institution you work with!"

Natalie Francis, MD
Pulmonology

"With high volume and robust operative trauma, **this fellowship has given me profound confidence** in running an ICU and taking a trauma to the operating room."

Ibrahim Abd el-shafy, MD
Surgery Critical Care

"I had a great year of sleep training at UTHSC in Memphis. **The program (and city!) is growing year by year** but still has a comfortable atmosphere with a multidisciplinary group of attending physicians from various backgrounds."

David Williams, MD
Sleep Medicine

Fellowship Office

Center for Healthcare Improvement and Patient Simulation (CHIPS)

Fellows have access to our world-class UTHSC CHIPS facility for simulation and training opportunities. The Simulation Program is committed to fostering education, research and professional development with a focus on enhanced clinical skills and patient safety through the use of simulation.

The facility:

- 45,000 square feet
- 3 floors
- \$6 million in simulation equipment
- \$4.5 million in audio-visual equipment and technology
- Low-fidelity and high-fidelity manikins (crying, sweating, breathing and birthing simulation capabilities)

Simulation settings:

- 24 outpatient clinical rooms
- 12 individual patient-care areas
- 4 dentistry suites
- 1 operating room
- 1 labor and delivery suite
- 1 bariatric and rehabilitation suite
- 1,200 square-foot simulated community pharmacy
- 1 functional home environment

Other features:

- 6 control rooms (13 control stations)
- 10 debriefing rooms
- 5 multipurpose classrooms
- 17 full-time employees
- 100 standardized patients
- 6 colleges training together (Dentistry, Graduate Health Sciences, Health Professions, Medicine, Nursing and Pharmacy)

Stats (2019-2020):

- 38,719 total learner hours
- 16,882 total learners (not unique)



A woman with blonde hair tied back, wearing a white lab coat and a surgical mask, is looking through a microscope. She is in a laboratory setting. A man in a lab coat and glasses is partially visible next to her. The image has a blue overlay.

Fellowship Programs

Allergy/Immunology

Established in 1958, the allergy/immunology fellowship program strives to provide a well-rounded educational experience to pursue a career in allergy and clinical immunology. This program offers supervised in-depth training in clinical allergy, asthma and immunologic diseases with cross-training in adult medicine at least 25 percent of the time. Structured research projects under direct supervision by faculty members allow trainees to develop skills important to seeking an academic position. Our graduates enjoy successful careers in private practice, academic institutions and with the Food and Drug Administration.

Program Staff



Program Director

Jay Lieberman, MD

Associate Professor of Allergy and Immunology

Residency: Washington University – Barnes-Jewish Hospital

Fellowship: Mount Sinai School of Medicine

Current Fellows

Lisa Biswas, MD

Venusa Phomakay, MD

Shaunah Ritter, DO



Associate Program Director

Christie Michael, MD

Associate Professor of Allergy and Immunology

Residency and Fellowship: University of Tennessee Health Science Center, Le Bonheur Children's Hospital



Fellowship Coordinator

Kelli Moses

kward29@uthsc.edu

901.287.5269

Fellow Awards

- Moshe Greenbaum – ACAAI Fellow in Training Travel Scholarship
- Annette Carlisle – ACAAI Fellow in Training Travel Scholarship

Research Interests

- Asthma outcomes with special interest in inner-city asthma and asthma in the underserved
- CHAMP (Changing High-Risk Asthma in Memphis through Partnership) community outreach
- Food allergy focusing and clinical trials in IgE-mediated food allergies and eosinophilic esophagitis
- Allergen immunotherapy and clinical outcomes
- Anaphylaxis diagnosis and epinephrine utilization

Cardiology

The UTHSC pediatric cardiology fellowship training program is a medium-sized but growing program expanding to eight fellows next year. It is based at Le Bonheur Children's Hospital, the only subspecialty children's hospital within a 100-mile radius. Le Bonheur's cardiothoracic surgical program is one of only 12 programs to receive the highest possible three-star rating from The Society of Thoracic Surgeons (STS). The cardiology program also provides all pediatric cardiology services for St. Jude Children's Research Hospital, a premier research center for pediatric cancer and hematological diseases, and Regional One Health where approximately 4,500 babies are delivered each year. Growth of the cardiology division from seven faculty in 2006 to the current 32 faculty has supported a focus on interventional cardiology, pediatric cardiomyopathy, cardio-oncology and adult congenital heart disease. The heart transplant program, started in 2016, established itself as a high-volume transplant center in its first year.

Program Staff



Program Director

Glenn Wetzel, MD, PhD

Professor of Pediatrics, Cardiology

Residency and Fellowship: University of California, Los Angeles



Associate Program Director

Thomas M. Yohannan, MD, FACC, FAAP

Associate Professor of Pediatrics, Cardiology

Residency: East Tennessee State University, Niswonger Children's Hospital

Fellowship: University of Tennessee Health Science Center, Le Bonheur Children's Hospital



Assistant Program Director

Nithya Swaminathan, MD

Assistant Professor of Pediatrics, Cardiology

Residency: Maria Fareri Children's Hospital, Westchester Medical Center, NY

Fellowship: Morgan Stanley Children's Hospital, Columbia University Medical Center, NY



Current Fellows

Abhishek Chakraborty, MD

James Chang, MD

Evan Harvey, MD

Ashley Kiene, MD

Christopher McDaniel, MD

Noah Miller, DO

Sarah Parkerson, MD

Christopher Schmitt, MD

Fellowship Coordinator

Amie Ray

Aray40@uthsc.edu
901.287.6034

Research Interests

- Multiple projects assessing the outcomes in children, mitral valve function, electrophysiological aspects, genetic and mechanistic basis of left ventricular noncompaction cardiomyopathy
- Genetic, mechanistic and molecular basis of arrhythmogenic cardiomyopathies
- Renal function monitoring in heart transplant patients: Is cystatin C a better biomarker than creatinine?
- The role of viral genome in the heart of transplant patients and rejection and coronary vasculopathy
- Discovery of common biomarkers in cardiac and skeletal myopathy
- Patent ductus arteriosus (PDA) ligation syndrome: Surgical ligation vs transcatheter closure of PDA
- Neurodevelopmental outcomes after transcatheter closure of PDA, three year follow up
- Creation of a national database registry for transcatheter PDA closure

Critical Care Medicine

The mission of the pediatric critical care medicine (PCCM) fellowship program at UTHSC is to train clinician scientists. Le Bonheur Children's Hospital provides a rich learning environment for pediatric critical care fellows with multi-ICU locations including a PICU (20 beds), CVICU (10 beds), Neuro ICU (6 beds) and Intermediate Care Unit (15 beds) as well as a rotation through the onco-critical care unit (8 beds) at St. Jude Children's Research Hospital. The Fellowship Program emphasizes extracorporeal therapies and supports a Level 1 Trauma Center. The PCCM fellowship training program follows an ABP-oriented curriculum with protected educational time and access to mentored research at UTHSC or St. Jude. Our fellows participate in simulation boot camps, ultrasound training, ECMO course (didactic and simulation-based training) and communication/debriefing training. Combined fellowship training is available with pediatric cardiology, hematology-oncology and infectious diseases.

Program Staff



Program Director

Samir Shah, MD, MBA, FRCPC

Professor, Pediatrics & Pediatric Critical Care

Residency: Brooklyn Hospital Center, New York University

Fellowships: Pediatric Critical Care: Harbor-UCLA Medical Center, UCLA; Cardiac Critical Care: Children's Hospital Los Angeles, USC



Associate Program Director

Shantaveer Gangu, MD

Assistant Professor, Pediatrics & Pediatric Critical Care

Residency: Brookdale University Hospital, NY

Fellowship: Loma Linda University Children's Hospital, CA



Assistant Program Director

Saad Ghafoor, MD

Pediatric Critical Care Physician, St. Jude Children's Research Hospital

Residency: Creighton University, Omaha, Nebraska

Fellowship: Washington University, MO



Fellowship Research Director

A. Nico West, MD, PhD

Assistant Professor, Department of Pediatrics

Postdoctoral Fellowship: Department of Physiology, University of Tennessee Health Science Center



Fellowship Coordinator

Kelli Moses

kward29@uthsc.edu
901.287.5269

Fellow Awards

- Outstanding Abstracts – Clinical Fellow, UTHSC Pediatric Research Day (2018, 2019)

Research Interests

- Severe sepsis and multiple organ dysfunction syndrome
- Artificial intelligence in critical illness
- Neurocritical care, including traumatic brain injury treatment, outcomes and neuroendocrinopathies
- Global onco-critical care research (St. Jude Children's Research Hospital)
- Social disparities in critical illness

Emergency Medicine

The pediatric emergency medicine (PEM) fellowship offers superior training at a Level I, free-standing pediatric hospital with an annual ED census of approximately 75,000 patients. Our fellows care for a variety of high acuity medical illnesses and traumatic injuries. Mentors are provided early in fellowship, and our supportive faculty are involved in quality improvement and research activities. A broad curriculum provides competency in PEM using bimonthly didactic sessions with lectures, interactive learning sessions and monthly simulation training. Fellows work alongside a PEM attending but still have plenty of opportunities to develop autonomy, supervise and educate residents.

Program Staff



Program Director

Mindy Longjohn, MD, MPH

Assistant Professor of Pediatrics

Residency and Fellowship: University of Tennessee Health Science Center



Associate Program Director

Rick Hanna, MD

Associate Professor of Pediatrics

Residency: University of Tennessee Health Science Center

Fellowship: Cardinal Glennon - St. Louis University



Fellowship & PALS Instructor Coordinator

April Smith, MSHA

asmit359@uthsc.edu

901.287.5265

Current Fellows

Erik Cohen, MD

Kristen Capito, DO

James Ashton Fisher, MD

Lindsay Kokoska, DO

Baillie Lott, MD

Rana Masoud, DO

Stephen Rohl, DO

Ben Silva, MD, MPH

Nicholas Watkins, MD

Fellow Awards

- Tucker Anderson - 2018 PEMPix Judge's Award at AAP, 2017 EmergiQuiz selection at AAP
- Robert Stewart - 2018 EmergiQuiz Honorable Mention at AAP, 2018 PEMPix presentation at AAP
- Sri Aravapalli - 2016 AAP PEMPix presentation, 2015 AAP PEMPix presentation

Research Interests

- Use of high-dose intranasal fentanyl in the emergency department (ED)
- Early administration of IV magnesium to severe asthma exacerbation decreases the hospital admission rate
- Impact of terbutaline as adjuvant therapy in the treatment of severe acute asthma exacerbation in the pediatric emergency department
- Financial impact of NPO times for sedation in the ED
- FIRE: Firearm injury research
- Bedside ultrasound for confirmation of gastrostomy tube placement
- HIV testing in the ED
- Quality improvement of rapid strep testing in the pediatric ED
- Time to insulin in DKA

Endocrinology

The endocrinology fellowship program offers a broad clinical experience in the fields of diabetes and endocrinology. Le Bonheur offers experience in multi-disciplinary programs for Type 1 and Type 2 diabetes, a diabetes transition (to adulthood) program, thyroid nodules, syndromic obesity, differences in sex development and bone disorder. Collaboration with St. Jude Children's Research Hospital provides fellows with experience managing acute endocrine complications and longitudinal surveillance in children with brain tumors and other pediatric hematologic and oncologic disorders. Working in multidisciplinary subspecialty teams across university and hospital systems, research opportunities in clinical, translational and basic science are available. The program strongly encourages attendance and presentations at local and national conferences.

Program Staff



Program Director

Alicia Diaz-Thomas, MD, MPH

Associate Professor of Pediatrics, Endocrinology

Residency: Tulane Medical Center, Charity Hospital of New Orleans

Fellowship: University of South Florida, All Children's and Tampa General Hospital

Current Fellows

Alyssa Dye, MD

Jordan Ross, MD



Associate Program Director

Amit Lahoti, MD

Associate Professor of Pediatrics, Endocrinology

Residency: Children's Hospital of Michigan, Wayne State University

Fellowship: Cohen Children's Medical Center



Fellowship Coordinator

Kelli Moses

kward29@uthsc.edu
901.287.5269

Fellow Awards

- Alyssa Dye – Outstanding Abstract Award – Endo 2020

Research Interests

- Improving health outcomes for patients with Type 1 diabetes, including reducing episodes of diabetic ketoacidosis (DKA), improving management of DKA, improving transition to insulin pump therapy
- Improving care for pediatric Type 2 diabetes and expanding treatment options
- Developing best practices for care of children with disorders of sexual development
- Care and management of patients with syndromic pediatric obesity
- Creating systems of care for patients with pediatric metabolic bone diseases
- Analysis of patterns of host viral response genes in pancreatic islets of Type 1 diabetes
- Evaluating glucose metabolism and insulin sensitivity in cardiomyopathy
- Emerging trends in severe vitamin D deficiency
- Exploring the roles of KDM6A in the epigenetic regulation of renal Klotho in mice and its impact on the metabolism of endocrine hormones in the murine kidney

Gastroenterology

The gastroenterology fellowship provides exposure to a broad spectrum of disorders in children as a result of Le Bonheur's multistate catchment area. Fellows provide consultations throughout Le Bonheur and St. Jude Children's Research Hospital, conducting endoscopies and other procedures as indicated. In addition to general clinics, fellows participate in the aerodigestive, eosinophilic, esophagitis, liver/liver transplant, inflammatory bowel and intestinal rehabilitation clinics, which bring together multidisciplinary specialists to manage children with complex disorders. Our goal is to help fellows develop the skills that complement their interests and put them on the path to success.

Program Staff



Program Director

Mark Corkins, MD

Professor of Pediatrics, Gastroenterology
Division Chief, Gastroenterology

Residency: University of Iowa Hospital and Clinics

Fellowship: University of Nebraska/Creighton University Joint Fellowship Program

Current Fellows

Kyle McKeown, MD

Dieudonne Nonga, MD

Maggie Vickers, MD



Associate Program Director

Anushree Algotar, MD

Assistant Professor of Pediatrics, Gastroenterology

Residency: State University of New York,
Health Science Center at Brooklyn

Fellowship: Nationwide Children's Hospital



Fellowship Coordinator

Jeannine Ricker

jricker4@uthsc.edu
901.287.5954

Research Interests

- Bench research in liver cells and animal models
- Clinical studies in short bowel syndrome, eosinophilic esophagitis and inflammatory bowel diseases

Hematology-Oncology

UTHSC's pediatric hematology-oncology fellowship program is located primarily at St. Jude Children's Research Hospital. The program provides fellows with a thorough understanding of the pathophysiology of pediatric malignancies and hematologic disorders. Fellows obtain exceptional experience by working in a clinical environment that sees nearly 600 new oncology patients and treats more than 900 sickle cell patients a year, as well as children with other non-malignant hematologic conditions.

Children of all ages with problematic hematologic findings and potential malignancies are seen and followed at Le Bonheur by the hematology-oncology fellows and faculty. Fellows will embark on an individualized clinical or basic/translational research track and project of their choosing. This three-year, ACGME-accredited fellowship trains the best future leaders in academic pediatric hematology-oncology.

For more information visit: www.stjude.org/hemonc-fellowship

Leadership Team



Program Director

Rachel Brennan, MD

Associate Member, St. Jude Faculty

Residency: John Hopkins Children's Center

Fellowship: University of Tennessee Health Science Center, St. Jude Children's Research Hospital



Associate Program Director

Kari Bjornard, MD

Assistant Member, St. Jude Faculty

Residency: John Hopkins Children's Center

Fellowship: University of Tennessee Health Science Center, St. Jude Children's Research Hospital



Program Coordinator

Toni Pearson, MBA, C-TAGME

toni.pearson@stjude.org

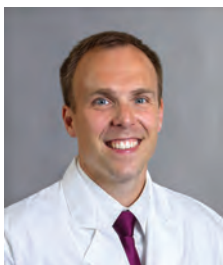
901-595-3026



Hospice and Palliative Medicine

The hospice and palliative medicine fellowship is an ACGME-accredited, fully-integrated adult and pediatric program that trains five fellows annually (three pediatric and two adult). The fellows gain broad and diverse training at seven institutions including pediatric and adult inpatient, VA Medical Center, St. Jude Children's Research Hospital, hospice residence, home hospice and ambulatory settings. Fellows gain knowledge and experience they need to deliver high quality care along the age and disease continuum. This includes intensive symptom management, intentional communication skills in discussion of goals of care, advance care planning, redirection of care and transition from a focus of cure to comfort. Our mission is to train our fellows to provide this care with a compassionate patient- and family-centered approach while maintaining appropriate balance in self-care, self-reflection and professional boundaries. Fellows also have opportunities for training in health care advocacy and policy, ethics training and professional debrief sessions by someone unaffiliated with the fellowship program.

Program Staff



Program Director

Austin Dalgo, MD, MA

Assistant Professor of Pediatrics

Residency and Fellowship: University of Tennessee Health Science Center



Pediatric Associate Program Director

Justin Baker, MD, FAAP, FAAHPM

Associate Professor of Pediatrics

Residency: University of Texas Health Science Center at San Antonio

Fellowship: University of Tennessee Health Science Center, St. Jude Children's Research Hospital



Adult Associate Program Director

Clay Jackson, MD, MDipTh

Palliative Care Physician, West Cancer Center
Medical Director, Comprehensive Medical Care

Residency: University of Tennessee Health Science Center, Family Medicine



Fellowship Coordinator

Ashley King

mking@uthsc.edu
901.448.2852

Current Fellows

Pediatric Track:

Griffin Collins, MD

Allison Silverstein, MD

Jessica Zavadil, MD

Adult Track:

Matthew Robinson, DO

Veronica Easton, MD

Senior Associate Program Director

Rachel Calhoun, MD

Associate Program Director of Research

Erica Kaye, MD, MPH

Research Interests

- Bereavement
- Pediatric palliative oncology
- Communication and medical decision making of adolescent and young adults
- Art and humanities and impact on provision of palliative care
- Impact of integrative medicine in patient care
- Communication in difficult decisions

Hospital Medicine

The hospital medicine fellowship program is a two-year fellowship. July 2019 marked the first year of our fellowship program, and we have had initial accreditation from the ACGME in April 2020. The goal of our program is to train fellows to be expert clinicians in the care of hospitalized children and effective leaders in education, research and quality improvement. During their clinical experiences, fellows manage diverse patient presentations with clinical curriculum focusing on the medically-complex patient. Fellows will enhance their teaching skills with medical students, pediatric residents and med-peds residents. In addition to clinical experiences at Le Bonheur Children's Hospital, fellows will have clinical rotations at Regional One Health for NICU and newborn care and at St Jude Children's Research Hospital. The clinical curriculum also includes rotations in palliative care and the intermediate care unit to gain experience caring for medically-complex and technology-dependent patients. All of our fellows will complete a mentored research project in their area of interest to contribute to the field of pediatric hospital medicine.

Program Staff



Program Director

Stephen Pishko, MD

Assistant Professor of Pediatrics

Residency: University of Tennessee Health Science Center

Current Fellows

Megan Bivins, MD

Mary Katherine Hood, MD



Associate Program Director

Jeffrey Winer, MD, MA, MSHS, FAAP

Assistant Professor of Pediatrics

Residency: Massachusetts General Hospital

Fellowship: Children's National Health System, Washington DC



Fellowship Coordinator

April Smith, MSHA

asmit359@uthsc.edu

901.287.5265

Research Interests

- Clinical Research: Predicting Clinical Escalation in Croup (Current Fellow Project); Bronchopulmonary Dysplasia Exacerbation Treatment: A randomized-controlled trial; Antibiotic Therapy in Neck Infections
- Health Services Research: Burden of Serious Bacterial Infections in Young Febrile Infants; Measuring Variation in Care Between Hospitals
- Quality Improvement: Reducing Admissions and CT Scans in Simple Febrile Seizures; Standardization of High-Flow Nasal Cannula Initiation and Weaning in Bronchiolitis; Improving the Diagnosis and Treatment of Dysphagia
- Medical Education: Illness Scripts as Tool for Clinical Reasoning; Night Shift Curriculum; Interactive Teaching to Promote Medical Student Core Pediatric Knowledge
- Advocacy: Mid-South Medical-Legal Partnership; Resident Experience with Adverse Childhood Events and Social Determinants of Health

Infectious Diseases

The pediatric infectious diseases fellowship training program is jointly administered by the Department of Infectious Diseases at St. Jude Children's Research Hospital and the Division of Pediatric Infectious Diseases at Le Bonheur Children's Hospital. The mission of the program is to prepare pediatricians for a successful career in academic medicine. The program emphasizes training to make scholarly contributions to the field of infectious diseases as independent investigators in the clinical, translational or basic sciences or contribute to the improvement sciences, including antimicrobial stewardship, infections prevention, quality improvement and global/public health. We offer exceptional opportunities for clinical and research training at both sites. In addition to robust clinical programs targeting traditional pediatric infectious diseases, we are national leaders in the care of immunocompromised patients and education related to this population. Fellows have the opportunity to pursue specialized career development pathways focusing on basic science, clinical/translational science, quality improvement and implementation science, including global health and medical education.

Fellows rotate at Le Bonheur and St. Jude and provide consultative services to the Newborn Center at Regional One Health. Over the course of the program, fellows spend a minimum of six weeks in HIV medicine and four weeks on the transplant service. Training is individualized and may include electives in antimicrobial stewardship, infection prevention, global health and other areas.

For more information visit: www.stjude.org/id-fellowship

Program Staff



Program Director

Elisabeth Adderson, MD

Associate Member, St. Jude Faculty

Residency: Dalhousie University,
Halifax, Canada

Fellowship: Washington University

Current Fellows

Lorato Anderson, MD

Ellie Bittle, MD

Amanda Green, MD

Nour Hasan, MD

Nicola O'Connor, MBBS

Kate Shapiro, MD

Melissa Shenep, MD

Ramia Zakhour, MD



Le Bonheur Site Director

Bindiya Bagga, MD

Associate Professor of Pediatrics,
Infectious Diseases

Residency: Louisiana State University
Health Sciences Center

Fellowship: University of Tennessee
Health Science Center, St. Jude
Children's Research Hospital



Fellowship Coordinator

Trachia Wilson

trachia.wilson@stjude.org
901.595.5640

Fellow Awards

- Patrick Gavigan – Le Bonheur Fellow Research Grant – 2017
- Ruba Barbar – ID Week Trainee Award – 2019
- Amanda Green – St. Jude Children's Research Hospital – PIDS Fellowship Award in Basic & Translational Science – 2019
- Amanda Green – Le Bonheur Fellow Research Grant – 2018
- Amanda Green – NIH Loan Repayment Program Grant – 2020, 2021

Research Interests

- Infections in immunocompromised patients
- Respiratory infections
- Herpesvirus family immunomodulation
- Hospital-acquired infections
- Inflammatory and immune responses
- Antibiotic stewardship
- Vaccine development
- HIV
- Diagnostic test development

Neonatal-Perinatal Medicine

Training in the neonatal-perinatal fellowship program takes place on two units. The primary location is the Sheldon B. Korones Newborn Center at Regional One Health, a 60-bed level III NICU with more than 1,300 admissions and 4,500 deliveries a year. The second facility is a 60-bed NICU at Le Bonheur. This level IV NICU receives transports from surrounding areas with more than 400 admissions a year and comprises of surgical and cardiac neonates along with infants who need multispecialty care. Le Bonheur Neonatology has a large patient census and wide spectrum in infant pathology that enhances the fellowship training. Fellows will also have dedicated learning opportunities such as ECMO training, ethics curriculum and research workshops.

Program Staff



Program Director

Ajay Talati, MD

Sheldon B. Korones Endowed Professor and Chief, Neonatology Professor, Pediatrics and OB/GYN

Residency: Gujarat University and Henry Ford Hospital

Fellowship: University of Tennessee Health Science Center



Associate Program Director

Mohamad T. Elabiad, MD, MS

Associate Professor of Pediatrics, Neonatology

Residency: University of Tennessee Health Science Center

Fellowship: State University of New York at Buffalo



Associate Program Director

Dr. Sandeep Chilakala, MD

Associate Professor of Pediatrics, Neonatology

Residency: East Tennessee State University

Fellowship: University of Tennessee Health Science Center

Current Fellows

Omoloro Adeleke, MBBS

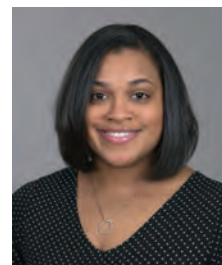
Kacie Dillon, MD

Elmufti Hussein, MBBS

Paul Molloy, DO

Edson Ruiz, MD

Rishika Sakaria, MD



Fellowship Coordinator

April Smith, MSHA

asmit359@uthsc.edu

901.287.5265

Fellow Publications

- A randomized trial of intravenous acetaminophen versus indomethacin for treatment of hemodynamically significant PDAs in VLBW infants. Davidson JM, Ferguson J, Ivey E, Philip R, Weems MF, Talati AJ. J Perinatol. 2021 Jan;41(1):93-99.
- Kagami-Ogata syndrome: case series and review of literature. Sakaria RP, Mostavi R, Stephen M, Ward JC, Pivnick E, Talati AJ. In print, American Journal of Perinatology Reports, March 2021
- Effect of prenatal marijuana exposure on sleep wake cycles and amplitude-integrated electroencephalogram (aEEG). Pollack R, Rana D, Purvis J, Pollard L, Pourcyrous M. J Perinatol. 2021 Jan 18.
- TGR5 signaling mitigates parenteral nutrition-associated liver disease. Willis KA, Gomes CK, Rao P, Micic D, Moran ER 3rd, Stephenson E, Puchowicz M, Al Abdallah Q, Mims TS, Gosain A, Yin D, Talati AJ, Chang EB, Han JC, Pierre JF. Am J Physiol Gastrointest Liver Physiol. 2020 Feb 1;318(2):G322-G335

Research Interests

Basic Science:

- Microbiome diversity and organ injury (mice)
- Cerebral circulation in the premature (piglets)
- TPN-associated cholestasis (mice)

Clinical:

- Neonatal abstinence syndrome
- Nutrition in the premature infant
- Blood transfusions and organ injury

Quality Improvement:

- Delayed cord clamping
- Antibiotic stewardship
- Erase post-operative pain
- Improve bronchopulmonary dysplasia outcomes

Nephrology

The nephrology fellowship program at Le Bonheur Children's Hospital and UTHSC offers a comprehensive curriculum in all aspects of clinical pediatric nephrology, including hypertension, chronic kidney disease, diabetic nephropathy, congenital anomalies of kidney and urinary tract (CAKUT), hereditary kidney diseases, acute kidney injury, glomerulonephritis, tubular diseases, kidney transplant, acute/chronic hemodialysis, peritoneal dialysis and continuous renal replacement therapy. Our inpatient service covers both Le Bonheur and St. Jude Children's Research Hospital, which offers a unique experience in the onco-nephrology field. The pediatric nephrology program at Le Bonheur continues to be nationally ranked by *U.S. News & World Report*.

Our unique subspecialized clinics include the Tuberous Sclerosis Center of Excellence, newborn-renal clinic, sickle cell nephropathy clinic and hereditary kidney diseases clinic. All together the program constitutes a huge clinical exposure as well as focused clinical research opportunities for our fellows.

Our program offers many opportunities for research. The program is an active member of the Midwest Pediatric Nephrology Consortium (MWPNC), recipient of National Institutes of Health (NIH) funding for studies involving glomerular disease, tuberous sclerosis and innate immunity and a participating center in the NAPRACTS study. In addition, collaboration with the University of Memphis and St. Jude Children's Research Hospital expands our fellows' research pathways.

Program Staff



Program Director

Arwa Nada, MD, MSc

Assistant Professor of Pediatrics, Nephrology

Residency: Alexandria University Children's Hospital,
Nassau University Medical Center

Fellowship: Nationwide Children's Hospital,
Ohio State University

Current Fellows

Xochitl Castillo, MD

Miranda Floen, MD, PhD

Vinson James, MD



Fellowship Coordinator

Amie Ray

Aray40@uthsc.edu

901.287.6034

Research Interests

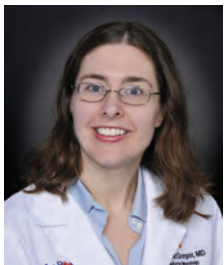
- Basic and clinical research to understand the fundamental underpinnings of tuberous sclerosis complex (TSC) renal disease
- Treatments to preserve renal function for vulnerable TSC population
- Neonatal nephrology
- Pathophysiology of sickle cell nephropathy
- APOL1 risk alleles and influence on the development kidney disease in patients with sickle cell anemia
- Application of engineering principles to nephrology with ongoing research in sensors
- Onco-nephrology research focusing on kidney involvement in patients with stem cell transplant and different types of cancers
- Hypertension
- IgA nephropathy and Henoch-Schönlein purpura (HSP)
- Multiple ongoing QI projects focusing on early detection of AKI; improving utilizations of ABPM for kidney transplant and CKD patients

Neurology

The pediatric neurology residency program is combined with the pediatric residency program at UTHSC. The residency training program follows the approved ACGME curriculum starting with two years of training in general pediatrics. After completion of the residency program, our pediatric neurology fellows complete one year of training in clinical pediatric neurology and one year of additional training including rotations in neurosurgery, psychiatry and outpatient pediatric neurology, as well as other electives in the specific interests of each resident. Unlike many other programs, the year of training in adult neurology is divided among all three neurology fellowship years.

As integral members of the Le Bonheur Neuroscience Institute, our faculty have expertise in a wide variety of neurologic disorders including intractable epilepsy/epilepsy surgery, neuromuscular disease, movement disorders, demyelinating disease, stroke and metabolic disorders. We also have a large, active ketogenic diet program for intractable epilepsy.

Program Staff



Program Director

Amy McGregor, MD

Associate Professor of Pediatrics and Neurology

Residency: University of Texas, Houston



Associate Program Director

Stephen Fulton, MD

Associate Professor of Pediatrics and Neurology

Residency: University of Tennessee Health Science Center



Fellowship Coordinator

Denise Norman

denise.norman@lebonheur.org

901.287.5208

Current Residents/Fellows

Brooke Asemota, MD

Connor Gatewood, MD

Sariha Moyan, MD

Samantha Parkhurst, MD

Jenny Schmidt, MD

Sapna Shah, MD

Rohan Vaidya, DO

Winston Wolters, MD

Fellow Awards

- Paola Castri, MD, Golden Apple Award for Teaching

Research Interests

- Responsive neurostimulation system – post-approval study in epilepsy
- Utilizing quantitative brain MRI in measuring cerebral structural connectivity in infantile spasms
- Identifying seizure onset zone using connectivity analysis of electrocorticographic recordings
- Comprehensive outcomes registry in subjects with epilepsy treated with vagus nerve stimulation
- Epilepsy surgery outcomes in pediatric patients with tuberous sclerosis complex
- Magnetoencephalography in infantile spasms
- Multimodal language mapping to predict post-operative language outcome after epilepsy surgery
- Safety and efficacy of intranasal midazolam, intranasal diazepam and buccal diazepam
- Functional brain mapping with transcranial magnetic stimulation
- Low frequency transcranial magnetic stimulation for the treatment of focal epilepsy
- Augmenting treatment effects of voice therapy in Parkinson's disease

Obesity Medicine

The pediatric obesity medicine fellowship program is for physicians who have completed residency training for pediatrics, internal medicine-pediatrics or family medicine. We offer two tracks — a one-year clinician-educator track and a two-year clinician-researcher track. The program is designed to provide trainees with expertise and clinical experience in pediatric obesity medicine with a primary focus on the evaluation and management of pediatric and adolescent obesity. Fellows will learn how to diagnose genetic causes of obesity as well as treat obesity and its resulting comorbidities through intensive lifestyle interventions, including modifications to nutrition, physical activity and behavior, as well as pharmacotherapy and collaborative subspecialty and surgical care. We are not currently accepting applicants but expect to be for the 2022-23 academic year.

Program Staff



Program Director

Adebowale Odulana, MD, MPH

Assistant Professor of Pediatrics

Diplomate of the American Board of Obesity Medicine

Residency: Virginia Commonwealth University

Fellowship: University of North Carolina – Chapel Hill

Current Fellow

Corinne Althausen, DO



Associate Program Director

Marion Hare, MD, MS

Associate Professor of Preventive Medicine

Diplomate of the American Board of Obesity Medicine

Residency: University of Tennessee

Health Science Center

Fellowship Contact Information

Betty Anderson

bander59@uthsc.edu

901.287.6292

Research Interests

- Novel drug therapies for pediatric weight loss
- Genetic disorders with obesity
- Active video gaming
- Culinary medicine
- Pediatric obesity in underserved populations
- Pediatric obesity in primary care
- Mindfulness and pediatric obesity

Psychiatry

The two-year pediatric psychiatry fellowship program provides a diverse experience with the flexibility to tailor to each fellow's career goals. The program provides a clinically rich, detailed experience interspersed with didactics and close supervision in a supportive setting that aims to develop a strong foundation in child and adolescent psychiatry. Fellows will develop understanding of the biological, psychological, social and developmental factors affecting the lives of children, adolescents and their families and learn to assess and treat their patients using the same approach. Fellows will complete rotations at Le Bonheur and St. Jude Children's Research Hospital. Outpatient rotations are offered at the Boling Center for Developmental Disabilities where there is a rich interchange with psychologists, psychology interns and developmental pediatrics.

Program Staff



Program Director

Andres A. Ramos H., MD

Assistant Professor of Psychiatry

Residency and Fellowship: The Institute of Living, Hartford, CT

Current Fellows

Onome Ataga, MD

Blaise Carney, MD

Mallory Mitchell, MD

Ladoris Warren, MD



Associate Program Director

Valerie Arnold, MD, FAACAP, ACPsych, FAPA

Le Bonheur Medical Director of Psychiatric Services

Residency: Psychiatry, University of Tennessee Health Science Center

Fellowship: Child & Adolescent Psychiatry, University of Tennessee Health Science Center



Fellowship Coordinator

Jeannine Ricker

jricker4@uthsc.edu

901.287.5954

Research Interests

- Trauma
- Adverse childhood experiences and their impact on development
- Psychiatric evaluation of pre-transplant youth

Pulmonology

The pediatric pulmonology fellowship at UTHSC provides exceptional training opportunities for fellows. At Le Bonheur, fellows rotate on the primary pulmonology service, provide consultations throughout the hospital, including the NICU, PICU and intermediate care unit, and perform bronchoscopies. In addition to the continuity clinic, fellows are involved in our many excellent clinical centers, including our Cystic Fibrosis Foundation-accredited CF center, pediatric sleep disorders center, primary ciliary dyskinesia center, Muscular Dystrophy Association center and newly formed aerodigestive center. They have access to a full range of state-of-the-art testing modalities, including the only infant pulmonary function lab in the state of Tennessee. At St. Jude Children's Research Hospital, fellows provide consultations, perform bronchoscopies and read pulmonary function tests on a unique patient population. Varied research opportunities in cystic fibrosis, sleep disorders, lung disease in children with oncologic and hematologic processes, asthma and lung infections are available for fellows to pursue.

Program Staff



Program Director

James Tutor, MD

Professor of Pediatrics, Pulmonology

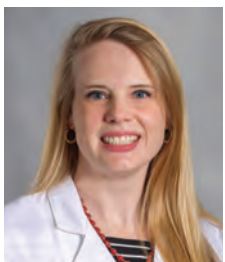
Residency: University of Mississippi Medical Center, Jackson, Miss; University of Tennessee, T.C. Thompson Children's Hospital

Fellowship: Tulane University School of Medicine

Current Fellows

Ellen Ariail, MD

Aimee Robinson, MD



Associate Program Director

Catherine Donnellan Sanders, MD

Assistant Professor of Pediatrics, Pulmonology

Residency: University of Tennessee Health Science Center

Fellowship: University of North Carolina - Chapel Hill



Fellowship Coordinator

Amie Ray

Aray40@uthsc.edu
901.287.6034

Fellow Awards

- Natalie Francis - accepted to the Fellow Track Symposium, American Thoracic Society Conference

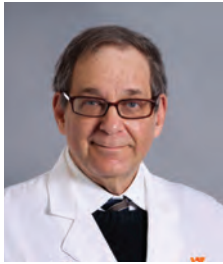
Research Interests

- Host-pathogen interactions in special populations with underlying chronic lung disease
- Immuno- and patho-biology of allergic hosts during respiratory infections (influenza virus and pneumococci), the role of antimicrobial peptides at the air-lung interphase and eosinophil development and function in health and disease
- Duchenne muscular dystrophy, cystic fibrosis (CF) and asthma
- Basic and translational CF studies:
 - Characterization of an inhibitory protein complex for CF therapy
 - Characterization of novel CF mutations
 - Roles of CF transmembrane conductance regulator-containing protein complexes in fluid secretion and inflammatory responses in gastrointestinal systems
- Proximity to local CF care center as a predictor of overall access to health care and positive health outcomes
- Sleep disturbances and obesity
- Screening tools and management for obstructive sleep apnea (OSA)
- Primary ciliary dyskinesia, CF quality improvement and aerodigestive diseases

Radiology

The pediatric radiology fellowship is an ACGME-accredited program that provides trainees with diverse clinical experiences to prepare for a career in pediatric radiology/pediatric imaging. Pediatric radiology at Le Bonheur has an extensive patient mix with nationally prominent clinicians and programs of excellence, including neurology, neurosurgery, cardiology, cardiac surgery, gastroenterology, nephrology, urology and maternal fetal medicine. Fellows rotate for one month at St. Jude Children's Research Hospital. The curriculum at Le Bonheur includes four didactic lectures per week and multiple additional interdisciplinary conferences.

Program Staff



Program Director

Harris L. Cohen, MD, FACR, FSRU, FAIUM

Chairman of Radiology, Radiologist-in-Chief, Professor of Radiology, OBGYN & Pediatrics

Residency: SUNY, Downstate Medical Center

Fellowship: Children's Hospital - National Medical Center



Associate Program Director

Thomas Boulden, MD

Associate Program Director, Chief of Medical Operations, Professor of Radiology

Residency: University of Missouri

Fellowship: University of Texas Medical Branch Hospital

Fellowship Coordinator

Catina Price, BS

cprice38@uthsc.edu

901.448.8250

Research Interests

- 3D CT reconstruction to aid in improving trauma imaging
- Contrast aided ultrasound for urologic and other diagnoses
- Functional brain imaging
- Vascular malformation imaging and treatment
- New interventional therapies in pediatric oncology
- Tuberous sclerosis complex – advanced brain and kidney imaging
- MRI in Crohn's disease assessment
- Mastoid view in cerebellum assessments in neonates
- Ovarian torsion analysis in relationship to gynecological structures measurements by age
- Fetal diagnosis by ultrasound and MRI with neonatal correlations
- 3D CT coronary artery angiography for cardiac surgery planning

Sleep Medicine

The accredited sleep medicine fellowship provides an opportunity for fellows to focus on pediatric sleep pathologies. Pediatric patients are seen in a variety of outpatient facilities as well as at Le Bonheur Children's Hospital and in the Le Bonheur Pediatric and Adolescent Sleep Laboratory. Le Bonheur serves a large multi-state area ensuring that fellows will be involved in the care of children with both common and rare sleep pathologies. The pediatric faculty includes individuals from the pediatric specialties of pulmonology, psychiatry, otolaryngology, neurology, critical care medicine and general pediatrics. Close relationships also exist with the Department of Family Medicine and pediatric patients in the dental sleep medicine program in the School of Dentistry. The non-pediatric component of the fellowship takes place in the clinics, units and sleep lab of the Memphis Veteran's Administration Medical Center, located one block east of Le Bonheur.

Program Staff



Program Director

Amado Freire, MD, MPH

Professor of Medicine, Pulmonary

Residency: Mountainside Hospital, University of Medicine and Dentistry of New Jersey

Fellowship: City Hospital Center at Elmhurst, N.Y.

Current Fellows

Natalie Francis, MD

Crystal Stanton, MD



Associate Program Director

Ahsan Bashir, MD

Assistant Professor of Pediatrics

Residency: SUNY Health Science Center Brooklyn

Fellowship: Cincinnati Children's Hospital Medical Center

Fellowship Contact Information

Taylor Robertson

trober53@uthsc.edu.

Surgery

The pediatric surgery fellowship has a structured didactic curriculum for pediatric surgery training. Faculty are all American Board of Surgery certified in pediatric surgery and general surgery. Fellows are involved in multiple robust multidisciplinary collaborative programs, including an American College of Surgeons (ACS)-accredited level 1 pediatric trauma program, ECMO, children's intestinal rehab center, the fetal center, healthy lifestyles clinic, vascular anomalies clinic and the multidisciplinary aerodigestive clinic. Fellows will also have opportunities to partner with our teaching hospitals – St. Jude Children's Research Hospital and Regional One Health.

Program Staff



Program Director

Ying Weatherall, MD

Assistant Professor of Surgery and Pediatrics

Residency: University of Miami Miller School of Medicine

Fellowship: University of Tennessee Health Science Center

Current Fellows

Sara Mansfield, MD

Cory McLaughlin, MD



Associate Program Director

Timothy Jancelewicz, MD, MA, MS, FAAP, FACS

Assistant Professor of Surgery and Pediatrics

Residency: University of California

Fellowship: The Hospital for Sick Children (Toronto, Canada)



Fellowship Coordinator

Shannae Staten

sstaten@uthsc.edu

901.653.0951

Research Interests

- Chest wall anomalies and deformities
- Colorectal conditions
- Bariatric surgery
- Trauma and burns
- Vascular anomalies
- Congenital diaphragmatic hernia and ECMO
- Intestinal rehabilitation and adaptation
- Health disparities research
- Hirschsprung's Disease
- Mucosal immune development
- Minimally-invasive surgery

Surgery Clinical Research

This fellowship is available to individuals interested in obtaining dedicated training in clinical research focused on pediatric surgical conditions. Fellows will gain hands-on experience with local, regional and national prospective trials, outcomes research and large database analyses (e.g., NSQIP-Pediatrics, NTDB/TQIP, etc.). Emphasis will be placed on study design, implementation and manuscript and grants preparation. Fellows will be paired with a primary research mentor from among eight pediatric surgeons involved in research spanning the breadth of pediatric surgical disease. Specific areas of research focus within the division include health disparities in pediatric surgical outcomes, development and use of clinical pathways in trauma and burn care, application of biomedical informatics techniques to quality improvement, management of congenital diaphragmatic hernia and translational projects involving congenital colorectal disease. Coursework in epidemiology and clinical research can be obtained through the University of Tennessee Health Science Center. Pursuit of a master's degree in epidemiology may be made available to interested candidates.

Program Staff



Program Director

Ankush Gosain, MD, PhD, FACS, FAAP

Associate Professor of Surgery and Pediatrics
Director of Surgical Research, Senior Surgical Advisor for
Quality & Safety, Associate Program Director
General Surgery Residency

Residency: Loyola University Medical Center

Fellowship: Pediatric Surgery and Pediatric Surgical
Oncology, Le Bonheur Children's Hospital and St. Jude
Children's Research Hospital

Current Fellows

Lawrence Willis, MD



Fellowship Coordinator

Shannae Staten

sstaten@uthsc.edu
901.653.0951

Fellow Awards

- Laura Veras, MD - Association for Academic Surgery, Fall Courses Travel Grant (2016), University of Tennessee Chancellor's Pilot Award (2016), Tennessee Chapter of the American College of Surgeons, Best Clinical Science Paper (2017), Tepas Award Finalist, Pediatric Trauma Society (2017), American Pediatric Surgery Association Featured Article of Interest (2020)
- Ruth Lewit, MD - REACH Hirschsprung's Foundation Research Grant (2020), Le Bonheur Foundation Fellows Grant (2020)

Research Interests

- Health disparities in pediatric surgical outcomes
- Development and use of clinical pathways in trauma and burn care
- Application of biomedical informatics techniques to quality improvement
- Management of congenital diaphragmatic hernia and ECMO
- Translational projects involving congenital colorectal disease

Surgical Critical Care

The goal of the pediatric surgical critical care fellowship program is to prepare the fellow to function as a qualified practitioner at the advanced level of performance expected of an ABS-certified subspecialist in surgical critical care. The fellowship provides education leading to advanced proficiency in the care and management of critically ill pediatric surgical patients. The education encompasses didactic instruction in the basic and clinical sciences of pediatric surgical diseases and conditions, as well as education in procedural skills and techniques used in the intensive care settings.

Program Staff



Program Director

Alexander Feliz, MD

Associate Professor of Surgery and Pediatrics
Program Director, General Surgery Residency

Residency: General Surgery Residency, University of
South Florida College of Medicine

Fellowship: Pediatric Surgery, UPMC Children's Hospital of
Pittsburgh

Current Fellows

Bradley Wallace, MD



Fellowship Coordinator

Shannae Staten

sstaten@uthsc.edu
901.653.0951

Research Interests

- Trauma system improvement



About Le Bonheur

Le Bonheur by the Numbers

June 15, 1952 - Le Bonheur is founded

45 pediatric specialties

2,900 employees

418,000 outpatient visits per year

255 beds

750 medical staff members

75,000 emergency department visits per year

2,500 intensive care patients per year

14,000 hospital inpatients per year

13,000 surgeries performed per year



Awards

- *U.S. News & World Report's* Best Children's Hospitals
 - Cardiology & Heart Surgery
 - Gastroenterology & GI Surgery
 - Nephrology
 - Neurology & Neurosurgery
 - Orthopedics
 - Pulmonology
 - Urology
- American Association of Blood Banks Certification
- College of American Pathologists Certification
- Level IV Epilepsy Center
- American Board of Registration of Electroencephalographic and Evoked Potential Technologists (ABRET) EEG certification
- The Society of Thoracic Surgeons (STS) three star rating
- Magnet designation by the American Nurses Credentialing Center (ANCC)
- Gold Award for Excellence in Life Support from the Extracorporeal Life Support Organization (ELSO)
- Gold-level Beacon Award from the American Association of Critical Care Nurses



FAQ

How was Le Bonheur founded?

Le Bonheur's charitable roots date back to 1923 when a sewing circle under the name "Le Bonheur Club," began making clothes for underprivileged children living at Leath Orphanage in Memphis. Soon, the Club began attending to the health care needs of children in the orphanage. In 1944, when the Pediatric Society had an idea for a hospital dedicated solely to children, they contacted Le Bonheur Club. After raising \$2 million to build the facility, members of the community and Le Bonheur Club gathered on June 15, 1952, to open the doors to the hospital. As Le Bonheur Club's president released red balloons with keys to the hospital attached, the celebration served as a promise that no child would ever be turned away from Le Bonheur.

Why the name "Le Bonheur"?

The group of women who began sewing for the children of Leath Orphanage chose to name their sewing circle "Le Bonheur," which means "hour of happiness" in French.

Why is Le Bonheur's logo a heart?

Le Bonheur debuted the stitched heart icon in 2010 in conjunction with the opening of a new state-of-the-art hospital. The icon represents our commitment to care for children who need our talent, expertise and compassion. The stitching in the heart symbolizes our roots in Le Bonheur Club, a women's sewing circle.



Quality and Patient Safety

Quality, safety and patient outcomes are an integral part of every department and service at Le Bonheur. We view exceptional care as a journey that requires continuous improvement at the bedside as well as critical evaluation of all patient outcomes. With this mission in mind, Le Bonheur is now part of various national and regional registries, databases and quality care organizations including:

- **ACPC-QNET:** Adult Congenital and Pediatric Cardiology Quality Network
- **CCISC:** Congenital Cardiovascular Interventional Study Consortium
- **CDH:** Congenital Diaphragmatic Hernia Registry
- **CF:** Cystic Fibrosis Registry
- **CHAT:** Children's Hospital Alliance of Tennessee
- **CHND:** Children's Hospitals Neonatal Consortium
- **CHSPS:** Children's Hospitals' Solutions for Patient Safety
- **Compare:** Children's Hospital Association
- **Crimson Continuum of Care**
- **ELSO:** Extracorporeal Life Support Organization
- **GAMUT:** The Ground Air Medical qQuality Transport Database
- **ICN:** Improve Care Now
- **IMPACT:** Improving Pediatric and Adult Congenital Treatments
- **IPSS:** International Pediatric Stroke Study
- **MDA:** Neuromuscular Disease Registry
- **MHA:** Mississippi Hospital Association
- **NAFTNet:** North American Fetal Therapy Network
- **NAPRTCS:** North American Pediatric Renal Trials and Collaborative Studies
- **NDNQI:** Press Ganey, National Database of Nursing Quality Indicators
- **NHSN:** National Healthcare Safety Network
- **NRC Health:** National Research Corporation
- **NSQIP:** National Surgical Quality Improvement Program - Pediatric
- **PC4:** Pediatric Cardiac Critical Care Consortium
- **PHIS-CHA:** Pediatric Hospitals Information System - Children's Hospital Association
- **SRTR:** Scientific Registry of Transplant Recipients
- **STS:** Society of Thoracic Surgeons
- **THA:** Tennessee Hospital Association
- **TQIP:** Trauma Quality Improvement Project
- **VPICU:** Virtual Pediatric Intensive Care Units Database

Quality and Safety Innovation Grants

Projects and Team Leaders

- Data Driven Reduction in G-Tubes: Jennifer McLevy, MD
- Wake Up Safe: James Bradley, MD
- Implementation of Ultrasound Guided Peri: Ben Silva, MD
- Security Visibility: Renee Wilson
- Improving Infants Discharged on Breast Milk: Mary Gaston
- Paperless Rounding for Residents: Jeffrey Winer, MD
- CHEER: Rebekah Shappley, MD
- Right Antibiotic, Right Time: Samir Shah, MD
- Noise in the NICU: Taylor Brown
- IDDSI: Caryline Adkins
- 12-Month Map of PICU Central Line Days: Nadeem Shafi, MD

The Le Bonheur Children's Hospital Quality and Safety Innovation Grants offer an annual opportunity to apply for grant funding to support new quality and safety projects such as these.





The Children's Foundation Research Institute (CFRI), a partnership between Le Bonheur, UTHSC and the Children's Foundation of Memphis, is committed to making new discoveries in pediatric medicine.

Research Facilities

Le Bonheur investigators have access to state-of-the-art research facilities and support that provides the best opportunity to find new diagnostic tools, treatments and cures. Some of the facilities include:

- **Administrative Core:** oversees all aspects of CFRI operations
- **Grant and Contract Management:** assists researchers in securing funding
- **Regulatory Core:** ensures research is carried out in compliance with local and federal regulations
- **Scientific Editing:** PhD-level scientific editor assists researchers with preparation and development of scientific publications and presentations
- **Biomedical Informatics Core:** provides informatics support for all CFRI researchers
- **Biostatistics Core:** provides assistance with study planning and design, power calculations and statistical analyses
- **Clinical Trials Support:** provides infrastructure and clinical expertise to facilitate therapeutic, pharmaceutical and disease-oriented research
- **CFRI Laboratories:** contains over 30,000 square feet of basic laboratory space with shared laboratory equipment
- **Clinical Trials Advisory Committee:** reviews new investigator-initiated research projects in order to enhance funding opportunities

I-ACT for Children Site Network

The CFRI is a member of the Institute for Advanced Clinical Trials (I-ACT) for Children Site Network. This is a global, collaborative research network that enables regulatory-grade scientific data to support the safe and effective use of new medicines and devices in children. The CFRI is one of eight Trailblazer sites in I-ACT. Trailblazer sites focus on improving clinical trial start-up times, enrollment and patient completion.

BIG Initiative

The CFRI established the Biorepository and Integrative Genomics (BIG) Initiative – a collection of DNA samples to study the influence of genes on diseases and treatment response. The BIG Initiative has collected more than 10,000 samples. Researchers have access to DNA samples by submitting a BIG Materials Distribution Request, which are reviewed on a monthly basis. Le Bonheur and UTHSC recently signed an agreement with a leading biotechnology company to obtain genetic information from 25,000 DNA samples in the next five years with the option to increase that number to 100,000.

Pediatric Research Day

This annual event brings together faculty and trainees at all levels from Le Bonheur Children's Hospital, the Department of Pediatrics at UTHSC, CFRI and other institutions to facilitate presentations and discussions on the latest research findings, medical advances and scientific innovations.

Pediatric Fellows Research Day

The CFRI, Le Bonheur Children's Hospital and the UTHSC host an annual Pediatric Fellows Research Day for pediatric fellows to have the opportunity to present ongoing and finalized research projects. Fellows share their scientific innovations and research findings and receive feedback from UTHSC Department of Pediatrics faculty members. Learn more and view past fellows presentations at lebonheur.org/research/pediatric-research-day/pediatric-fellows-research-day.

Centers of Excellence

Heart Institute

The Le Bonheur Heart Institute is nationally recognized as a top pediatric cardiology and cardiac surgery program providing care for patients with congenital heart defects, from before birth and through adulthood, and for children with inherited and acquired cardiomyopathies. Ranked as a top program by *U.S. News & World Report*, the Heart Institute's surgical outcomes are among the best in the country.

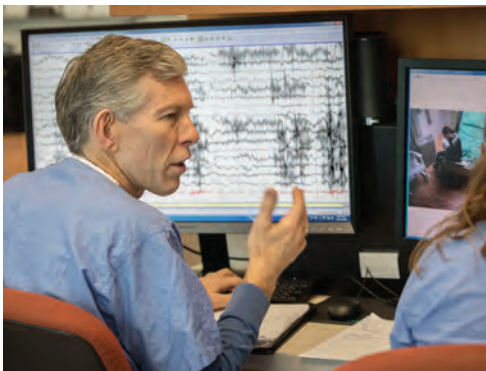
- The Heart Institute's state-of-the-art hybrid catheterization lab is where the procedure for percutaneous closure of PDAs in premature neonates was pioneered.
- The Heart Failure Program includes ventricular assist device (VAD) implantation and management, transplantation and cardio-oncology in partnership with St. Jude Children's Research Hospital.



Neuroscience Institute

Recognized as a top pediatric neurology program by *U.S. News & World Report*, the Neuroscience Institute at Le Bonheur serves as the regional and national hub for the evaluation and treatment of neurological disorders in children and adolescents.

- **Partners:** St. Jude Children's Research Hospital, Semmes Murphey
- **Cutting-edge imaging technology:** provides comprehensive technology in neurological testing. Le Bonheur was the first hospital in the world to install TRIUX™ neo MEG for functional brain mapping.
- **TSC Center of Excellence:** nationally recognized by the Tuberous Sclerosis Alliance as a regional referral center
- **Level IV Epilepsy Center:** the highest level for pediatric centers from the National Association of Epilepsy Centers
- **Pediatric brain tumor program:** partnership with St. Jude Children's Research Hospital - all neurological procedures for children with brain tumors are performed at Le Bonheur



Diversity, Equity and Inclusion

Le Bonheur Children's Hospital and the University of Tennessee Health Science Center are committed to developing a culture of equity, diversity and inclusivity among physicians, providers and staff. Both institutions actively educate on the impact of racism and bias in the workplace and provide a safe place for sharing, learning and holding critical conversations. Our shared aim is to create a diverse and equitable workplace and inclusive environment for the care of patients and families.

Le Bonheur Diversity, Equity and Inclusion Steering Committee



Le Bonheur's Diversity Equity and Inclusion Committee supports staff and providers across all aspects of diversity to ensure an environment of inclusivity that provides the best care for patients, families and our community. The committee was formed in response to overwhelming evidence of the inequities that exist in society and manner in which these affect care and caregivers. The following are some of the committee's efforts to date:

- The committee surveyed the needs of 255 leaders to assess their comfort level regarding various topics around racism. Preliminary results found a need for more education on microaggressions, cultural humility, intersectionality, allyship and implicit/explicit bias.

- Le Bonheur's Senior Leadership Team collectively visited the National Civil Rights Museum with a guided tour, followed by an opportunity for reflection and feedback.
- The committee engaged in facilitated training with New Memphis Institute. The workshop series focused on exercises on unconscious bias, self-perception and confirmation bias. The committee is exploring how these topics impact them as individuals and how they apply to Le Bonheur as an entity.

The University of Tennessee Health Science Center Department of Pediatrics Diversity and Inclusion Committee



The University of Tennessee Health Science Center (UTHSC) Department of Pediatrics Diversity and Inclusion Committee was created to promote a departmental culture of respect, equity and inclusion for all trainees regardless of race, ethnicity, country of origin, culture, religion, gender identity, sex, sexual orientation, age, pregnancy status, able-bodiedness and covered veteran status. A culture of inclusion is an imperative feature of a safe and nurturing learning environment that allows all trainees to thrive and become culturally sensitive physicians and community advocates. In addition, the committee fully supports the pediatric department's commitment to solving children's health issues and eliminating disparities in the community.

This committee serves as an advisory board to UTHSC Department of Pediatrics to:

- Develop initiatives and programs to recruit, educate, empower and retain under-represented individuals in medicine.
- Offer training opportunities and implement additional curricula about cultural humility, social advocacy and health equity for faculty, residents and staff.
- Develop a safe and anonymous system for residents, faculty and staff to report instances of bias, microaggressions and any other racially or culturally insensitive issues.
- Enhance mentorship and support resources for under-represented individuals in medicine.

Partnerships and Collaborations

The city of Memphis is home to a wealth of medical expertise with top facilities and programs located in the metro area. Le Bonheur has the opportunity to partner with many of these programs as joint collaborators, providing fellows with unique learning opportunities and giving children the best care.

St. Jude Children's Research Hospital

Le Bonheur and St. Jude Children's Research Hospital partner closely to provide comprehensive care for children with brain tumors and rare genetic neurologic diseases or experiencing the impacts of cancer treatment. Le Bonheur physicians across a wide range of specialties provide inpatient consultation at St. Jude to care for children undergoing cancer treatment.



Pediatric Brain Tumor Program

Le Bonheur is home to one of the nation's largest pediatric surgical brain tumor programs in partnership with St. Jude Children's Research Hospital, Semmes Murphey Clinic and UTHSC. In 2020, Le Bonheur neurosurgeons performed more than 150 brain tumor surgeries. Brain tumor patients have a collaborative team of pediatric neurosurgeons and neuroradiologists from Le Bonheur and neuro-oncologists and pediatric radiation oncologists at St. Jude. Through Le Bonheur's partnership with St. Jude, children with brain tumors have access to promising new treatments not yet available at other hospitals.



Neuroscience Research Consortium

Le Bonheur's Neuroscience Institute recently partnered with St. Jude and UTHSC to form the Neuroscience Research Consortium consisting of basic research, clinical trials and multi-specialty care to rapidly deliver new therapies to children living with genetic neurologic diseases. Basic research is conducted at St. Jude's Center for Pediatric Neurological Disease Research. Clinical trials are conducted through Le Bonheur and St. Jude clinics to bring these basic research discoveries to children through new medications and therapies. Children receive continuous follow-up care for their neurologic condition and related health needs through Le Bonheur's Neuroscience institute.



Cardio-Oncology Program

Le Bonheur cardiologists provide heart care to inpatients and clinic patients at St. Jude and to children who are in remission from cancer but still suffer long-term effects of chemotherapy. Children and adolescents undergoing cancer treatment are susceptible to premature cardiovascular disease, and Le Bonheur pediatric cardiologists in the cardio-oncology program are specially trained to care for children with chemotherapy-induced cardiomyopathy and heart failure.

Regional One Health

Regional One Health Medical Center is an acute care hospital providing high quality health care in the Mid-South. Le Bonheur partners with the Sheldone B. Korones Newborn Center at Regional One Health, a 60-bed level III Neonatal Intensive Care Unit (NICU), where neonatal-perinatal fellows and hospital medicine fellows rotate. The newborn center sees more than 1,300 admissions each year and the hospital sees approximately 4,500 deliveries each year. In addition, Le Bonheur provides all pediatric cardiology services for Regional One Health.



Memphis VA Medical Center

The Memphis VA Medical Center (VAMC) provides health care to veterans in west Tenn., north Miss. and northeast Ark. Hospice and palliative medicine fellows complete rotations for adult training at the VAMC. As an affiliate of UTHSC and one of its primary adult teaching hospitals, VAMC. It offers quality health care for the changing medical, surgical and quality of life needs of the Mid-South men and women who so proudly served the United States.



Semmes Murphey Clinic

One of the partners forming Le Bonheur's Neuroscience Institute is Semmes Murphey Clinic. All Le Bonheur neurosurgeons are Semmes Murphey physicians. Semmes Murphey Clinic neurosurgeons are dedicated to providing safe and effective treatments concerning brain tumors, strokes, aneurysms, malformations, movement disorders and more. In 2020, they conducted more than 60 epilepsy surgeries and more than 150 brain tumor surgeries at Le Bonheur.



Campbell Clinic Orthopaedics

Le Bonheur partners with one of the top orthopaedic teams in the country, Campbell Clinic Orthopaedics, to provide comprehensive orthopaedic care for children. Campbell Clinic has the only team of pediatric orthopaedic surgeons in the Memphis and Mid-South region. These experts treat all pediatric orthopaedic conditions and provide comprehensive spine care.



Community Services

Le Bonheur's expertise and resources extend beyond the hospital walls. Le Bonheur Community Health and Well-Being addresses issues such as safety, teen pregnancy and access to health care that threaten the health and well-being of the region's kids.

Our community programs include:

- **Be Proud! Be Responsible! Memphis!:** collaborates with community centers, schools and churches on teen pregnancy prevention initiatives
- **Changing High-Risk Asthma in Memphis through Partnership (CHAMP):** improves care for asthma patients to lower hospitalizations and cost of care
- **Community HIV Network:** provides resources for women, children, youth and families infected with or affected by HIV
- **Healthy Families:** promotes child development and responsible parenting
- **Le Bonheur Early Intervention and Development (LEAD):** works with children from birth to three years to enhance developmental growth, improve independence and empower daily caregivers to become advocates
- **Mobile Health:** provides affordable, accessible health care services for children who do not have pediatricians
- **Nurse-Family Partnership:** aims to improve pregnancy outcomes and child development
- **Safe Kids Mid-South:** works to prevent accidental injury to children, including providing car seats at hospital discharge and swimming lessons throughout the city



Locations



1. **Le Bonheur Children's Hospital:** 848 Adams Avenue
2. **Outpatient Center (OPC):** 51 N. Dunlap Street
3. **Children's Foundation Research Institute:** 50 N. Dunlap Street
4. **Le Bonheur Children's Pediatric Emergency Department - Germantown:** 7691 Poplar Ave, Germantown, TN, 38138
5. **Le Bonheur Outpatient Center - East Memphis:** 100 N. Humphreys Blvd. Memphis, TN, 38120
6. **Le Bonheur Urgent Care - Memphis:** 8071 Winchester Road, Memphis, TN, 38125
7. **Le Bonheur East Surgery Center:** 786 Estate Place, Memphis, TN, 38120
8. **Le Bonheur Children's Outpatient Center - Jackson:** 1535 Vann Drive, Jackson, TN, 38305
9. **Le Bonheur Children's Outpatient Center - Jonesboro:** 800 S. Church Street, Suite 104, Jonesboro, AR, 72401
10. **Le Bonheur Children's Outpatient Center - Tupelo:** 942 Commonwealth Blvd., Tupelo, MS, 38804
11. **Pediatric Ophthalmology - East Memphis:** 6401 Poplar Ave., Memphis, TN, 38119
12. **Pediatric Ophthalmology - Hamilton Eye Institute:** 930 Madison, Memphis, TN, 38103
13. **Pediatric Psychiatry - East Memphis:** 920 Estate Dr., Memphis, TN, 38119
14. **Pediatric Urology - Germantown:** 1920 Kirby Pkwy., Germantown, TN, 38138
15. **Pediatric Ophthalmology - Tupelo:** 610 Brunson Dr., Tupelo, MS, 38801
16. **Le Bonheur Pediatrics, Kronenberg, Tsiu, Eiseman:** 920 Estate Drive, Suite 3; Memphis, TN, 38119
17. **Memphis Pediatrics:** 1255 S. Germantown Road, Germantown, TN, 38138
18. **Pediatric Associates:** 3876 New Covington Pike, Memphis, TN, 38128
19. **Pediatric Consultants - Collierville:** 1458 West Poplar Ave., Suite 201, Collierville, TN, 38017
20. **Pediatric Consultants - Downtown Memphis:** 51 N. Dunlap, Suite 410, Memphis, TN, 38105
21. **Pediatric Consultants - East Memphis:** 6215 Humphreys Boulevard, Suite 200, Memphis, TN, 38120

