

**UPMC** | **CHILDREN'S**  
HOSPITAL OF PITTSBURGH

# All the Places You Will Go on Your Congenital Heart Disease Journey



# WELCOME

- Our Healing Hearts program was created for parents beginning their journey with congenital heart disease
- We hope it is informative and interactive
- Our goal is to build community and support



# Magee Women's Hospital/West Penn Hospital



# Perinatal Team

- Perinatal Cardiologist/Pediatric Cardiologist
- Center for Advance Fetal Diagnostics (CAFD)
- Genetic Counselors
- Maternal Fetal Medicine Physicians (MFM)
- Neonatology Physicians
- Cardiovascular Surgeons
- Social Workers



# Perinatal Cardiology

- Screening fetal echocardiograms
- Identification of cardiac abnormalities
- Parental counseling of expectations during the pregnancy and after birth



# Perinatal Cardiology

- **Magee Womens Hospital**
  - Dr. Jennifer Johnson
  - Dr. Mark DeBrunner
  - Dr. Rachel Torok
  - Dr. Jacqueline Weinberg
  - Dr. BJ Funari
  - Dr. Craig Dobson
- **West Penn Hospital**
  - Dr. Prapti Kanani
- **UPMC Pinnacle**
  - Dr. Sunil Patel

# Genetic Counselors

- Meet with parents early in pregnancy
- Infants with congenital heart disease have an increased risk of genetic syndromes

## Counselors at Magee

- Victoria Bacon
- Michele Clemens
- Luanne Fraer
- Meredith Jones
- Abigail Peffer
- Elizabeth Sheehan
- Julia Stone



# Maternal Fetal Medicine

- Maternal and fetal health
- Management of maternal medical problems
- Determines timing of delivery

Dr. Christina Pisani-Conway

Dr. Sarah Rogan

Dr. Devereux N. Saller

Dr. Allison Serra

Dr. Paul Speer

Dr. Stephen Emery

Dr. Anna Binstock

Dr. Rosemary Froehlich

Dr. Jacob Larkin

Dr. Sami Makaroun

## CAFD Coordinators

- Michele Clemens, MS
- Barbara Eichhorn, RN



# Neonatology

- Post delivery infant care
- Coordinate transfer to cardiac intensive care unit

Dr. Kalyani Vats

Dr. Jennifer Kloesz

Dr. Christine Bishop

Dr. Laura Jackson

Dr. Kathleen Schwabenbauer

Dr. Brighid O'Donnell

Dr. John Ibrahim

Dr. Abeer Azzuqa

Dr. Toby Debra Yanowitz

Dr. Carey Welsh

Dr. Bianca LoVerde

Dr. Karena Lawrence



# Children's Hospital of Pittsburgh (CHP)



<https://youtu.be/ReVMmSbz050->

Check out our YouTube video for a tour of our hospital!

## UPMC Children's Hospital of Pittsburgh

Pittsburgh, PA



### HONOR ROLL

#6 in U.S. News Best Children's Hospitals Honor Roll



### NATIONALLY RANKED

in 10 Children's Specialties



### REGIONALLY RANKED

#2 in Pennsylvania  
#3 in Mid-Atlantic

# Congenital Heart Surgeon

- Specializes in surgery of patients with congenital heart disease
- Surgery program lead by Dr. Victor Morell
- Surgical mortality
  - **CHP-Heart Vascular Institute – 1.1%**
  - Over 120 programs - mortality was 3.5%
- 2021 and 2022 World News and Report
  - #3 pediatric cardiology program in the country



# Congenital Heart Surgeons



Jose Da Silva, MD



Melita Viegas, MD



Victor O. Morell,  
MD



Luciana Da  
Fonseca Da Silva  
MD, PhD



Mario Castro  
Medina, MD



# Pediatric Cardiology

- **Cardiac intensive care team**
  - Management of infants before and after surgery
- **General cardiology team**
  - Direct the care of infants after surgery prior to discharge
  - Follow up outpatient care



# CARDIAC INTENSIVE CARE TEAM



# Cardiac Intensive Care Unit

- Infants with congenital heart disease requiring surgery or possible intervention prior to going home will come to the Cardiac ICU post delivery
- Infant will come from Magee Women's Hospital/West Penn via ambulance
- Most infants will stay in the cardiac ICU until after surgery/intervention
- Once your infant requires less monitoring (no ventilator, minimal IV medications) they will transfer to the 7A floor on the ICU or General Cardiac Services



# Cardiac Intensive Care Unit Staff



Dr. Justin Yey



Dr. Joan Sanchez



Dr. Elizabeth Herrup



Dr. Rod  
Ghassemzadeh



Dr. Ivy Lin



Dr. Yolande Bell-  
Cheddar



Dr. Matt Bochkoris



Dana Shiderly, CRPN



# Cardiac Intensive Care (CICU)



Tour our CICU Room 



# 7A INPATIENT CARDIOLOGY



# 7A Inpatient Cardiology

- **7A units has two bed types**
  - Cardiac ICU
  - General Cardiology
- **General Cardiology**
  - Post operative management
    - Feeding/nutrition
    - Medications
    - Transition to home
  - General Cardiology admission
    - Post cardiac catheterization or other procedure
    - Illness

# Inpatient Cardiology Staff



Dr. Evonne Morell



Dr. Tyler Harris



Dr. Rachel Torok



Dr. Craig Dobson



Dr. Brenda Mendizabal



# Inpatient Cardiology Advanced Practice Provider



Erin Colvin  
Jessica Dolata  
Liz Stanley  
Joanne Cottle  
Amy Donaldson  
Kristyn Lowery  
Dale Hajovsky  
Stacey Green  
Sara Rulapaugh  
Rebecca Misch  
Abigail Harrah

# ECHOCARDIOGRAM LABORATORY



# Echocardiogram Laboratory

- What is an echocardiogram?
  - Created images of the heart to determine anatomy and function of the pumping chambers
- Where are echocardiograms are preformed?
  - Inpatient at bedside
  - Outpatient with clinic visits



# Echocardiogram Laboratory



CHP Hippo Clinic Echo Room

# CHP Sonographer Staff



# CARDIAC CATHETERIZATION LABORATORY



# Cardiac Catheterization Laboratory

- Cardiac Cath Lab
  - Cardiac specialist guide tubes in blood vessels to the heart under x-ray guidance
  - To visualize heart anatomy and obtain pressure in chambers
  - Interventions
    - Balloon atrial septostomy – TGA/Single Ventricles
    - Balloon dilation of pulmonary/aortic valves

# Cardiac Catheterization Laboratory



Check out our Cath Lab video!

<https://youtu.be/sxLvc3jhHhQ>



**Jacqueline Kreutzer, MD**

Chief, Pediatric Cardiology,  
UPMC Children's Hospital of  
Pittsburgh  
Medical Director, Heart  
Institute, UPMC Children's  
Hospital of Pittsburgh  
Professor of Pediatrics,  
University of Pittsburgh  
School of Medicine

# INPATIENT SOCIAL WORK TEAM



# Inpatient Social Work Team

- Master level clinicians that provide resources and support for families
- Jonathan Rabatin, MSW, LCSW
- 412-692-6062
- Robin Telles, MSW, LCSW
- 412-692 5190



# Inpatient Social Work Team

- Social Workers assist with the following, along with any unexpected needs that may arise
  - Assessing psychosocial needs of each family
  - Assisting with resources to manage inpatient/outpatient needs
  - Assistance with local housing (Ronald McDonald House/Family House, others)
  - Insurance planning for in state/out of state
  - Coordinating medical team meetings
  - Post-partum resources
  - Work related excuses/medical leave paperwork
  - Emotional support during the admission of your child
  - Follow your family during outpatient management as well

# SUPPORTIVE CARE TEAM



# Supportive Care Team

- Dedicated to caring for children who have a serious illness
  - Main goal of improving the child's quality of life
- Help families cope during a difficult and stressful time



# Magee Women's Hospital Supportive Care Team



Christine Bishop, MD



Laura Jackson, MD



Kate Ramey, NNP-BC



# Children's Hospital of Pittsburgh Supportive Care Team



Carol May, RN, MSN, MBA, CHPN



Scott Maurer, MD



Amanda Brown, MD, MS



Justin Yu, MD, MS



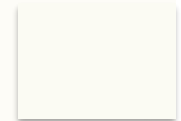
Alyssa Baker, PA-C



Alicia Kolling, PA-C



Heather Morgan, PA-C



# CARDIAC CHILD LIFE TEAM



# Cardiac Child Life Team

- Provides developmental, educational, social and emotional support to children of all ages ranging from birth to young adulthood
- Help patients and families understand and cope with their hospital stay and overall health care experience
- Child Life Staff
  - Child Life Assistances
  - Child Life Specialists
  - Art Therapy
  - Music Therapy

# Child Life Cardiac Staff



Daniela Ortega Peraza



Laura Nolen



Lauren McBryde



# INPATIENT CARDIAC NEURODEVELOPMENTAL PROGRAM



# Inpatient Cardiac Neurodevelopmental Program

- Supporting infant's physical, psychological and emotional development while in the hospital
- Work on infant development progression
- Team Members
  - Behavior Health
  - Physical Therapy
  - Occupational Therapy
  - Child Life Team
  - Social Work
  - Neurodevelopmental Manager

# Inpatient Cardiac Developmental Staff



# The Children's Home and Lemieux Family Center



SEARCH CONTACT SHOP DONATE  
About Cancer Research Patient Care Austin's Playrooms How You Can Help Our Events

## Patient Care

Lemieux Innovation and Research Fund at AHN Cardiovascular Institute

Children's Home & Lemieux Family Center

Make Room For Kids

## Children's Home & Lemieux Family Center

## Children's Home & Lemieux Family Center

Part of the Children's Home in Friendship, the goal of the Lemieux Family Center is to support and nurture families during the difficult process of transitioning from hospital care to life back at home.



Website: [www.childrenshomepgh.org](http://www.childrenshomepgh.org)

# OUTPATIENT CARDIOLOGY

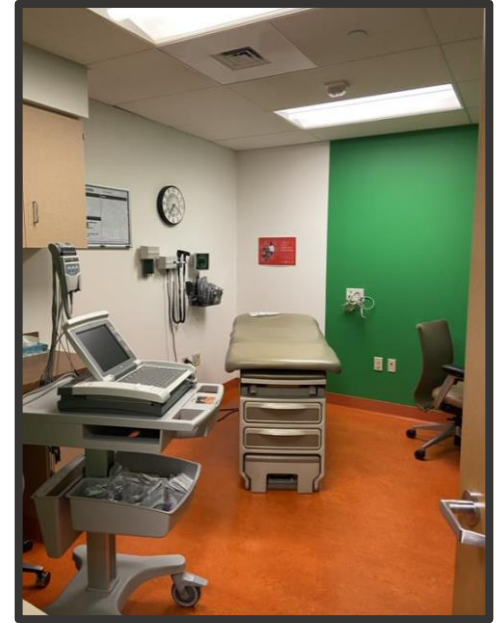


# Outpatient Cardiology

- After discharge from the hospital routine cardiology follow up will occur at CHP main campus, satellites or outreach sites
- During your visit
  - Echocardiograms
  - ECGs
  - Appointment with cardiologist

# Outpatient Cardiology

- Main Campus
  - CHP Lawrenceville
- Satellite Campus
  - Wexford
  - Bridgeville
  - Monroeville



# Outpatient Cardiology Locations

- **Outreach Locations**

- Sharon
- Johnstown
- Altoona
- Dubois
- Erie
- Washington



# MISCELLANEOUS INFORMATION



# Current Fetal Congenital Heart Disease Research

- Correlation of neonatal brain imaging and neurodevelopment in child with congenital heart disease
  - Fetal MRI study for fetus with CHD to assess brain anatomy
  - Pediatric MRI pre and post surgery and at 6 years of age
  - Neurodevelopmental assessments at 2 years, 4 years and 6 years of age



# Current Fetal Congenital Heart Disease Research

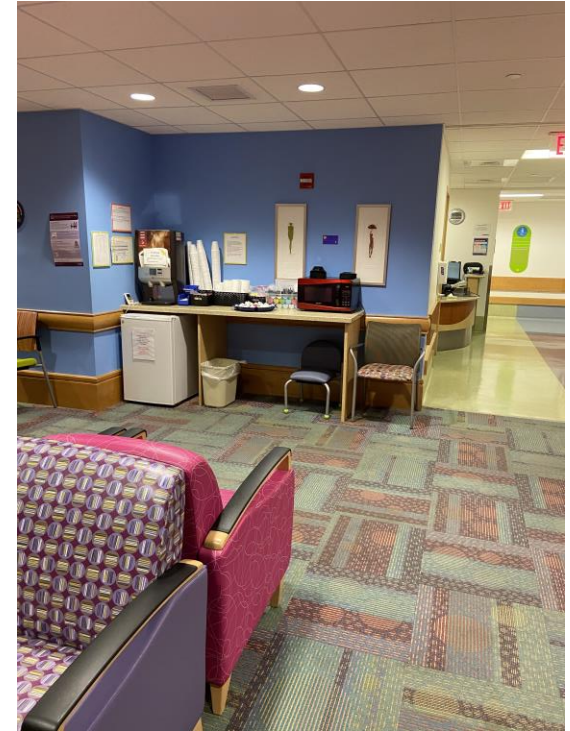
- Quantifying new heart muscle cells in infants with Tetralogy of Fallot
  - Two arms of this study you can participate in
    - Study 1: Infants take a vitamin called Thymidine that labels muscle then the surgically removed RVOT muscle is assessed
    - Study 2: The surgically removal RVOT muscle is assess without thymidine

# Welcome/Information Center

- The Welcome/Information Center provides special services for patients, families, and visitors at UPMC Children's Hospital of Pittsburgh.
  - **Hours:** 7 a.m. – 10:30 p.m.
  - **Phone:** 412-692-7240 (from inside the hospital, dial 692-7240)
  - <https://www.chp.edu/for-parents/resources/welcome-center>
- Please contact the Welcome/Information Desk, to request any of the services listed below.
- Amenities
- Directions and maps
- Door assistance
- Overnight accommodations
- Parking/cashier/pay station information
- Transportation arrangements
- Visitor passes and access cards
- Visitation hours
- Wheelchairs
- Books for waiting rooms

# Visitors During COVID

- Two assigned visitors per patient
  - 18 or older
  - Alternate visitor names can be assigned
  - Two visitors can be in the room at a time
  - One person can stay overnight in the CICU
- 7A
  - Two visitor can be in the room at a time
  - Both parents can stay overnight in the room
  - No children are permitted



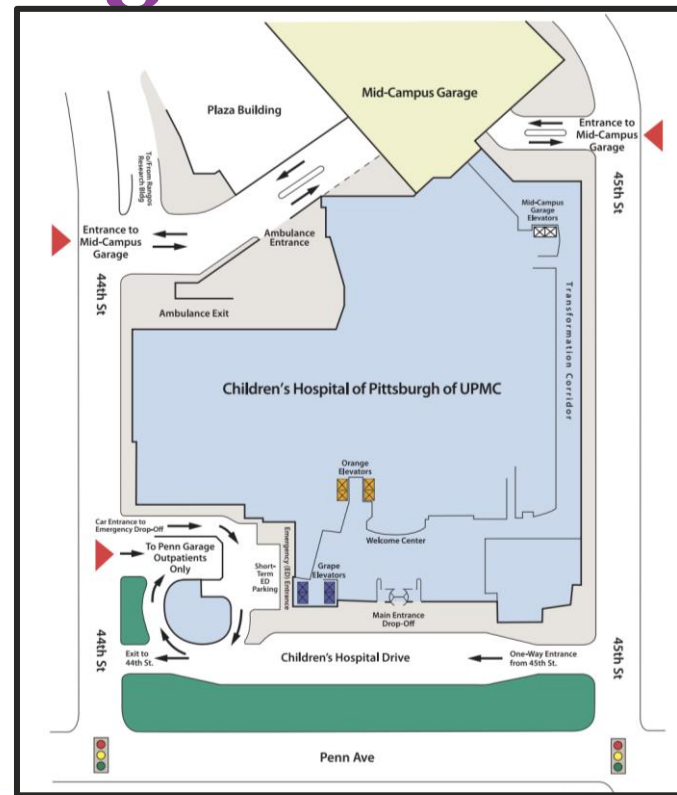
# Where do I go?

- **Cardiac ICU Location:** elevators to 4<sup>th</sup> floor then go to open area and turn to the left
  - Cardiac ICU waiting room is straight a head through the doors
  - Give the front desk attendant (HUC) your name and infant's name
- **Cardiac 7A Location:** elevators to the 7<sup>th</sup> floor then turn to the front of the hospital and 7A is to the left
  - Give the front desk attendant (HUC) your name and infant's name



# Inpatient Parking

- Park in the Mid Campus garage- entrances on 44<sup>th</sup> or 45<sup>th</sup> street
  - Parking is \$5 per day
  - After 21 continuously days at CHP parking is free. Family will move to another garage for free parking
- Walk along the transformation corridor to the welcome desk
- Check in at the welcome desk with a photo ID to obtain daily required name tag



# Food

- Free bag Lunches
  - Ask your nurse or Social Worker for voucher
- Cafeteria/ Pop Stop is on the 3<sup>rd</sup> floor
- Starbucks on 1<sup>st</sup> floor
- Parents can buy meal vouchers in the Cafeteria
- Breastfeeding/pumping mothers receive 3 free meal vouchers a day



# Housing

- One parent can stay overnight at bedside in the Cardiac ICU
- Two parents can stay overnight at bedside in 7A Cardiac Floor
- Amenity bags (shampoo, toothpaste, etc.) are available for purchase at Welcome Desk (floor 1)
- Nurses can also provide some supplies (towels, pillow, blankets, etc.)
- **Ronald McDonald House** is \$20 a night (financial assistance available).
- **Family House** is \$50-\$100 a night (financial assistance available, see SW).
  - Call 412-647-7777 for availability
- List of local hotels on Children's Hospital website ([www.chp.edu](http://www.chp.edu)) or ask Social Worker



# Ronald McDonald House



## [Pittsburgh House | Ronald McDonald House Charities of Pittsburgh and Morgantown \(rmhcpgh-mgtn.org\)](https://rmhcpgh-mgtn.org)

- Apply online and complete a background check for everyone over the age of 18.
  - <https://rmhcpgh-mgtn.org/family-services/pittsburgh-house/>  
Call: 412-362-3400
- Ronald McDonald House Pittsburgh, located adjacent to UPMC Children's Hospital of Pittsburgh in the Plaza Building, is one of 360 Ronald McDonald houses worldwide, and the only one attached to a hospital.
- The spacious facility houses 74 private apartments on eight floors, with the amenities of home such as equipped kitchens, flat screen televisions and Internet access.
- Common areas on the top floor include a community room; additional computer stations; a children's play area; a group dining area; and a large kitchen with a stove. Laundry facilities and a linen service are provided on site for families in residence.
- Ronald McDonald House Pittsburgh is for families of seriously ill children from birth through age 21 that will remain in the hospital for an extended length of time. If budgets allow, families are asked to contribute a nominal fee per night.
- Home address must be 40 miles + in order to qualify to stay

# Laundry

- Free washer and dryers on 8<sup>th</sup> floor
- Laundry products can be purchased at the Welcome/Information Center for a cost of 25 cents per box.
- Tide detergent, Clorox 2 and Bounce dryer sheets in single load size are offered

# 6th Floor Resources

- Family Resource Center (Floor 6)
  - Safety Center, parent business area
  - Library with books to loan, DVD's to borrow
  - Fitness Center- located 2<sup>nd</sup> floor of the Plaza building near Ronald McDonald
- 6<sup>th</sup> floor healing garden
- Look for fun activities posted in the hospital (i.e. knitting groups, coffee meet-up, plays, movies, crafts, and other entertainment for children and adults)
- Non-denominational chapel available
- Austin's Playroom/activities
- Pastoral Care - available if needed - chapel on the 6<sup>th</sup> floor.
- CHP outpatient pharmacy- sells over the counter medicine if you need anything (1<sup>st</sup> floor)

# Lemieux Sibling Center

## A Therapeutic Activity Center for Brothers and Sisters

- Hours of Operation: Monday – Friday 8:30-12 pm and 1pm-4pm
  - Ages
    - 2 and up : (not equipped for infants)
    - Exceptions can be made for children under 2 on a case by case basis
- Appointments
  - highly encouraged / drop ins accepted according to availability
  - Appointments can be scheduled for up to 2 hours
- COVID precautions still in affect\*\*

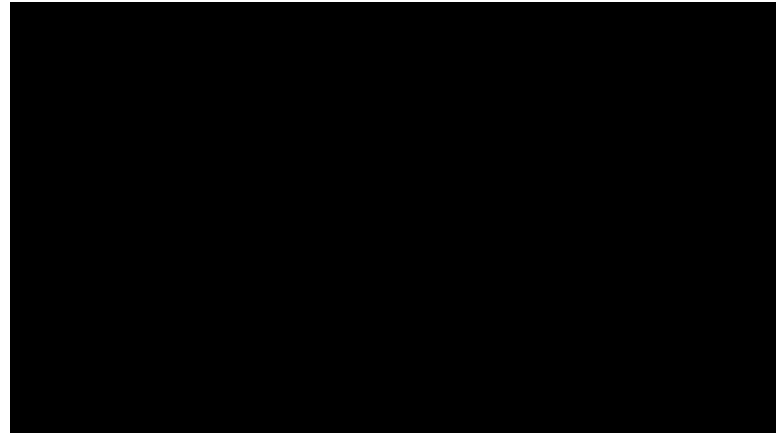


Sibling Center Number  
412-692-5343

# Support

## Mended Little Hearts

Facebook: Mended Little Hearts of SWPA  
Email: [amanda.stewart@mendedlittlehearts.us](mailto:amanda.stewart@mendedlittlehearts.us)  
Amanda Stewart, Visiting/Outreach  
Coordinator  
Regional Director - Central Region  
Cell phone: 412.519.3239



# Support (continued)

## American Heart Association: Erie PA

### Contact Us

Gina Klofft, Division Director  
American Heart Association - Erie

[g.r.klofft@heart.org](mailto:g.r.klofft@heart.org)  
814-572-1391

Visit us on the Web:  
[www.heart.org/erie](http://www.heart.org/erie)

## Jameson's Army

<https://www.jamesonsarmy.org>

The screenshot shows the homepage of Jameson's Army. At the top, there is a navigation menu with links for HOME, ABOUT US, EVENTS, GALLERY, DONATE, and CONTACT US. The main banner features the text "COMMITTED TO FIGHTING THE BATTLE AGAINST CONGENITAL HEART DISEASE" over a background of silhouettes of people and a green heart. Below the banner, there is a "WELCOME!" section with a paragraph of text about the organization's mission. To the right, there is an "UPCOMING EVENT" section titled "Jameson's Army Holiday Donations!" with a small image of a red heart and the text "Please Consider Donating this holiday Season!".

## CHP Facebook group

The screenshot shows the Facebook page for the Children's Hospital of Pittsburgh (CHP) Heart Moms/Dads Group. The page header includes the Facebook logo and the group name. The main content area contains the text: "Children's Hospital of Pittsburgh (CHP) Heart Moms/Dads Group is on Facebook. To connect with Children's Hospital of Pittsburgh (CHP) Heart Moms/Dads Group, log in or create an account." Below this text are buttons for "Log In" and "Create New Account". At the bottom of the page, there is a "Join Group" button and a privacy setting indicator showing "Private" with the text "Only members can see who's in the group and what they post."