



State of the Department Tues 9/14/2021 8am RRH Wed 9/15/2021 8am GCH

Patrick Brophy MD MHCDS William H. Eilinger Chair Department of Pediatrics Physician-in-Chief Golisano Children's Hospital

Overview

Welcome: New Faculty and Staff!!!!

Financials/Endowment

Quality & Safety

Strategic Plan Updates

Appendices: Telehealth/Regional

Org Charts



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Faculty Recruitment – FY 21 & FY22

Department of Pediatrics

- Faculty Member:
- Amy Burris, MD
- Michael Collins, MD
- Jason Mandell, MD
- Mykael Garcia, MD
- Natalie Wilson, MD
- Allyson Jordan, PhD
- Jyostna Gupta, MD
- Shachi Shaw, MD
- Laura Young, MD
- Alexandra Hubbel, MS
- Laura Rohan, MS
- Ajay Rana, MD

- Division:
- Allergy/Immunology
- Cardiology
- Cardiology
- Critical Care
- **Critical Care**
- Developmental and Behavioral Pediatrics
 - Endocrinology
 - Endocrinology
 - Endocrinology
 - Genetics
 - Genetics
 - Gastroenterology, Hepatology and Nutrition

Faculty Recruitment – FY 21 & FY22

Faculty Member:

- Margarita Corredor, MD
- Tina Sosa, MD
- Karen Wilson, MD, MPH
- Michelle Burtner, MS
- Colby Day Richardson, MD
- Lynette Johnson, DO
- Divya Chhabra, MBBS, MS
- Jamie Wooldridge, MD
- Leona Oakes, PhD
- Aniruddha (Andy) Paranjpe, MD, MPH
- Ariel Reinish MD
- Carol Fries

Division:

Hospital Medicine
Hospital Medicine
Hospital Medicine
Hospital Medicine
Neonatology
Neonatology
Neonatology/Pulmonology
Pulmonology
Transitional Care Medicine
Transitional Care Medicine
General academic Pediatrics
Peds Hem-Onc

• Ongoing Active recruitment in many critical areas

GCH Nursing

- Largest workforce in the Children's Hospital just shy of 710 FTE
 - RN FTE 550.44 FTE
 - Unit based educators, service based CNS/CNL/NE 16.3 FTE
 - LPN, PCT, PUS, USA, Sr. Psych Techs 108.3 FTE
 - Operations Supervisors/Operations Manager 3.0 FTE
 - Child Life 14.58 FTE
 - Peds Transport team /VAT 8.0 FTE
 - CRN 7.48 FTE

GCH units/clinical areas

Ground Floor -Pediatric ED

3RD Floor – NICU (Newborn Nursery, 3-3400, GCH3)

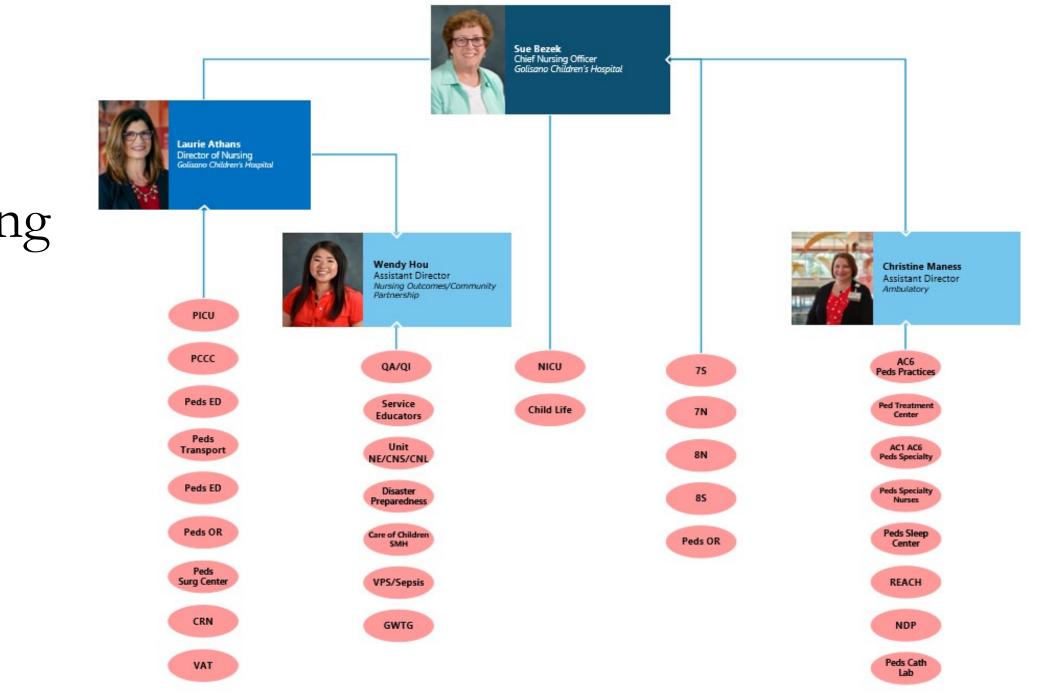
4TH Floor − Peds OR, PSC

6TH Floor – PICU, PCCC

 7^{TH} Floor – 7N, 7S

 8^{TH} Floor – 8N, 8S

Ambulatory – Peds Practice, Treatment Center, 19 Specialty Practices seeing patients throughout AC1 and AC6, East River Road, Clinton Crossings, and the Pediatric Sleep Center. There are 36 specialty nurses imbedded in pediatric divisions including the Children's Heart Center and the Cath Lab



Nursing Org Chart GCH

Pediatric APPs

- Represent an additional amazing resource for the Children's Hospital, many of whom began their career as GCH nurses (~100 APPs)
- Acknowledgement to the tremendous work of Anne Swantz, Chief Advanced Practice Officer for growing the GCH APP program
- APP Leadership
 - Caitlin Vanini lead for NICU APPs
 - Heather Wensley lead for Pediatric APPs

Pediatric Nursing - Pandemic Contributions

- Floated to adult Med/Surg and adult Critical Care units
- Cared for adult ICU patients in our ICUs
 - Creation of the Hygiene team to ensure these patients received ideal daily care
- Provided care to LTC patients within GCH (7S and 8S)
- Helped to staff the LTC unit established on 3-3600
- Cared for adult medical/surgical patients on all general care units
- Helped to staff the vaccine clinics

GCH 5-Year Strategic Plan

Mission: Do everything in our power to help every child reach their fullest potential.

Vision: Improving children's lives.

Goals:

- Patient Care
- Population Health
- Digital/Financial Health
- Community
- Education
- Research
- Culture/Opportunity

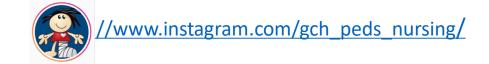




Accomplishments during the past year

- Significant Interdisciplinary work that includes the development & implementation of:
 - Unit based teams (June 2020)
 - Complex Care preferred unit 8N (J TARGET ZERO)
 ICommunicate the Digital Remix

 - SPS Error Prevention Training ٠
 - Strategies for both patient and staff safety with the behaviorally aggressive patient
 - Sensory Cart, ABA Program, planning for a BERT (Behavioral Response Team)
 - Improved measures for GCH security
 - ACED team safe transport of critically ill children from Ambulatory to Peds ED
 - Timeless implementation in the NICU ٠
 - Dimensions ٠
 - **GCH Nursing Instagram:** ٠



GCH Strategic Plan Word Cloud





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Learn more at the GCH Strategic Plan are our website!

https://www.urmc.rochester.edu/childrens-hospital/our-strategic-plan.aspx









Clinical Goal Area Accomplishments FY 2021

Unit Based Teams on all General Care Units

Airway Program and Expanded Perioperative Surgical Home Program and enhanced Sedation Services

Solutions for Patient Safety Error Prevention Training for all who care for children

Assessment of Collaborative Environments (ACE -15) 3rd year

Expanded Nursing Leadership roles and faculty hired in many division

Developing BERT Behavioral Response Team

Quality and Patient Safety Scholarship

Chief Quality Officer and Assoc. Quality Officer

Development of LINC team

GCH Co-vid Command

Caring for LTC, Adult, Adult Med -Surg patients during a pandemic

Endowed Adolescent Medicine Mary Sue Jack Nurse Practitioner

Large increase in inpatient MyChart sign ups

Chief and Associate Chief Quality Officers



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Clinical Strategic Pillar Goals FY 2022

Development of a patient navigator service (underway- carry over)

BERT team- implementation in January 2022

Begin process for ACS Children's Surgical Verification program

Plan for Epilepsy Surgery Program & Neurocritical care

Applied Behavioral Analysis Integration Team

GCH Policy and Guideline Manual accessible by regional partners

Add additional community partners to clinical goal leader team Clinical transformation project for AC6 Level 1 Trauma designation application underway

Plan for Children's Surgical Verification program

GCH Quality Team Pursuing Excellence Initiative Cohort IV

Continued expansion in Telemedicine & securing **SPACE***** MEDICINE of THE HIGHEST ORDER





Population Health Goal Area Accomplishments FY 2021

- 35% of patients receiving universal depression screenings
- 50% of City of Rochester children receiving development and behavioral health screening at age 3
- Mobile Screening via the Grow Mobile started in 2021
- Completed Behavioral Health Integration community inventory
- Mobile Crisis Team Established, Urgent Care for Mental Health, 19 school based sites
- Behavioral Health building with visits increased from 32,000 to 58,000 annually
- New faculty positions added with expanded inpatient coverage



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Connecting for Kids AHP Pilot

Support for CPEP QI efforts with increasing demands

Establish the Office of Community Pediatrics

AC6 Practice Transformation

Increase Telehealth in Rochester City Schools

Continue to expand faculty and staff for expanding community needs



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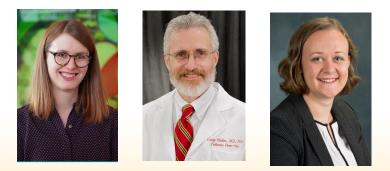
Digital Health Goal Area Accomplishment FY 2021

Developed a centralized approach for implementing electronic health record and analytic tools Established Digital Health and Innovation Track and Curriculum for Residents Expanded eRecord Liaison role within each division and increased the number of eRecord physician & APP builders

Partnered with Start Ups such as Moxie

Expanded MyChart enrollment across the system

Identified new leaders within Digital Health (Fallon, Reyes)



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Digital Health Strategic Pillar Goals for FY 2022

Integrate new Digital Health leaders into strategic planning process and add ISD representation to the Digital Health Goal leader team

Understand enterprise-level goals for digital health and informatics and how to prioritize and advocate for Care of Children within those goals

Centralize infrastructure for Digital Health and Data Analytics

Survey stakeholders re: barriers and subjective assessment of their comfort with the use of digital healthcare technologies.

Improve access to data and analytics to empower clinicians to improve care outcomes

Continue to expand MyChart enrollment and address disparities of use while developing systems to ensure patient confidentiality

Conduct an assessment of clinician mobile tool use (ex. Haiku, Voalte, Dragon Medical One) and understand barriers to use



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Community Pediatrics Goal Area Accomplishments FY 2021

Enrolled 1,100 women in maternal health initiative

62% of children developmentally on track for kindergarten entry in RCSD

53% of AHP practices offering Long Acting Reversible Contraception (LARC) and 23% of GRIPA/FLIPA practices offering Long Acting Reversible Contraception (LARC)

1,000 Universal Home Family Visits

Piloting vision, hearing, development, SDOH, CAFÉ, and ACES screening at Jordan, Genesee and AC-6



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Community Pediatrics Strategic Pillar Goals FY 2022

Expand maternal health initiative to Alleghany, Steuben and Livingston counties

- Name new community leaders for Department of Pediatrics faculty appointments
- Roll out Center for Child Health Policy
- Establish Division of Community Pediatrics
- Grow Whole Child Health with Roc the Future
- Assist Clinical Goal area to add outpatient leaders







Education Goal Area Accomplishments FY 2021

Dual fellowship in Neonatology and Pulmonary

- Fully implemented interprofessional, unit-based teams
- Ongoing utilization of the Assessment of Collaborative Environments (ACE)survey
- Established Health Lab with resident Digital Health and Innovation Track
- Expanded antiracism training and actions
- Grew Anthony/Douglass Scholars program
- 6 month refresher for faculty to sit for boards interdivisional collaboration is allowing for key recruit.
- Center for ped education scaffold allowed us to be nimble and recruit strategically (Margarita Corredor)
- PRM 606 elective for 3rd and 4th years- 60 medical students, quality focus
- First graduate in hospital medicine fellowship
- Three faculty obtained MOC part IV 25 credits for Strategic Plan leadership work



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Education Goal Area Accomplishments FY 2021

- 3rd year clerkship:
 - Drs Rashid (QI- educational improvement) and Krafft (curriculum development, evaluation) serving as acting 3rd year clerkship directors
 - Dr Margarita Corredor to start as 3rd year clerkship director Oct 1
- Successful transition to virtual learning and recruiting
- System for formative faculty feedback established, being optimized
- Pediatric Subspecialty retreats (education/ wellness): Dr Hinkle (director fellowship education)
- Residency track updates:
 - Digital Health and Innovation (new): Heather Reyes MD M Eng
 - Research: Candice Gildner MD, PhD; Jessica Shand MD new codirectors
- Michelle Bonville: senior administrator for Center for Pediatric Education



Education Strategic Plan Pillar Goals FY 2022

Set up expanded clinical sites for NP and PA students

Develop Pediatric Behavioral Health Curriculum

Project TEACH interprofessional champions for behavioral health curriculum

Expand dual fellowships

Continue purposeful efforts to recruit URiM trainees and support for those already recruited

Expand professional development for Program Coordinators





Research Goal Area Accomplishments FY 2021

Reorganization of research enterprise

- Center for Children's Research (CCHR)
- Pediatric Research Office (PRO)
- Expansion of Ped-Meds K Club
- Link with Rochester Early Stage Investigator (RESIN) program
- Honorific Award Committee formed
- In person Strong Children's Research Center (SCRC) poster session July 2021
- Numerous 2021 PAS presentations and posters with large attendance
- Numerous 2021 grants and publications



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Research Strategic Pillar Goals FY 2022

Initiative a Foundational Principle of Inclusion Excellence in research area

Work to diversify our team with recruitment efforts

Laboratory training exchange program with MCC

Support Rising Stars Program

Increase National and Social media presence (NYT, NatGeo, SciAm)

Engage clinical trials innovation network and innovation grants

Support Seminar Series

Patient Reported Outcomes research goals – submitted 2 RPF to Quality Institute

Increased support for grant administration, research coordinator recruitment and training- WIP

Increasing CT capacity of department, increase collaboration with WCI and CTSI







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Culture and Opportunity Goal Area Accomplishments FY 2021

Restorative Justice Training through the Office of Equity and Inclusion- nursing trainings underway

Administrative support for quality metrics around the culture goals

Updated website https://www.urmc.rochester.edu/childrens-hospital/our-strategic-plan/antiracism.aspx

Foundational Principles of Inclusion Excellence shared across many areas

Adolescent Medicine Teleinclusion analysis of diversity

Strong Kids January 2021 write up about Anthony Douglas Scholars projects - graduated first fellows- Ariel (protection of adolescent privacy in the time of open notes) and Matt (Dolly Parton's Literacy Project)

Monthly GCH Wellness newsletter- launching an interdisp. wellness team

Ideas council publish in the D&C on Equal Treatment for all Children February 2021

Theater of the Oppressed Trainings

Health Lab 1st Resident training in Quality and DEI

GCH joined Solutions for Patient Safety Patient Harm Associated with Race and Ethnicity (PHARE) collaborative





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Culture and Opportunity Strategic Pillar Goals FY 2022

Creating an interactive toolkit for use

Creating a Culture dashboard

Expand Leadership 360

Growing central recruitment function to provide equitable, high quality experiences for recruits

Conduct inclusive climate survey with research team

Work with each division and each patient care unit on diversity QI

Continue to improve diversity public website and intranet

Support 8South PEI UPP team to improve cultural competency

Utilize ACE-15 Diversity Question results to drive QI

Improve completion of race, ethnicity and preferred language fields

Improve GetWell Network to reduce disparities in patient education

Leverage data analytics with Digital Health team to reduce disparities

Utilize RL Solutions Health Disparities event reporting system









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POLICY STATEMENT Organizational Principles to Guide and Define the Child Health Care System and/or Improve the Health of all Children



DEDICATED TO THE HEALTH OF ALL CHILDREN

Telehealth: Improving Access to and Quality of Pediatric Health Care

Alison L. Curfman MD, MBA, FAAP,^a Jesse M. Hackell MD, FAAP,^b Neil E. Herendeen MD, MS, FAAP,^c Joshua J. Alexander MD, FAAP,^a James P. Marcin MD, MPH, FAAP,^a William B. Moskowitz MD, FAAP,^d Chelsea E. F. Bodnar MD, MPhil, FAAP,^a Harold K. Simon MD, MBA, FAAP,^b S. David McSwain MD, FAAP,ⁱ SCTION ON TELEHEALTH CARE, COMMITTEE ON PRACTICE AND AMBULATORY MEDICINE, COMMITTEE ON PEDIATRIC WORKFORCE





Let Telemedicine Enhance Your Medical Home Neil E. Herendeen Pediatrics originally published online August 30, 2021;

The online version of this article, along with updated information and services, is located on the World Wide Web at: http://pediatrics.aappublications.org/content/early/2021/08/27/peds.2021-051429

Pediatric Telehealth in the COVID-19 Pandemic Era and Beyond

Alison Curfman, S David McSwain, John Chuo, Brooke Yeager-McSwain, Dana A. Schinasi, James Marcin, Neil Herendeen, Sandy L. Chung, Karen Rheuban and Christina A. Olson *Pediatrics* originally published online July 2, 2021; originally published online July 2, 2021;

The online version of this article, along with updated information and services, is located on the World Wide Web at: http://pediatrics.aappublications.org/content/early/2021/08/11/peds.2020-047795

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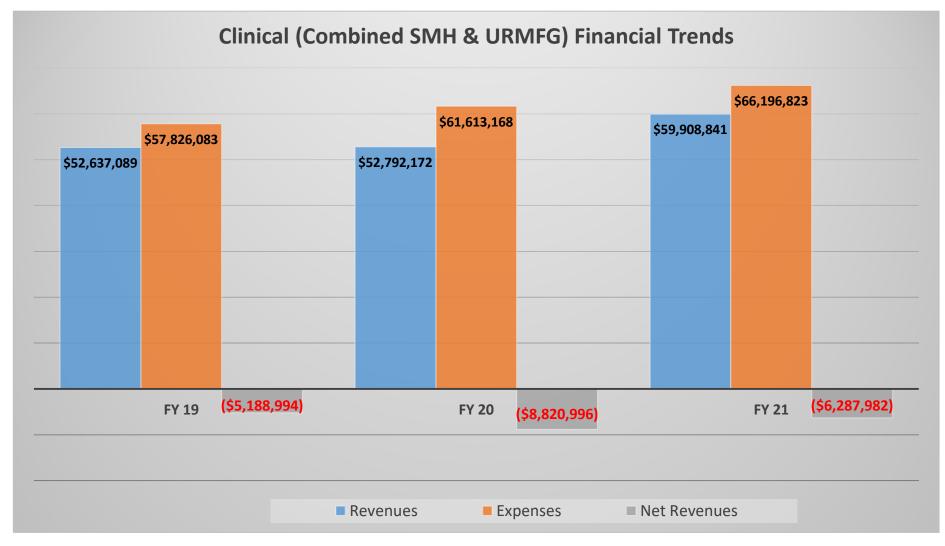
SMH Chiefs Reports – Inpatient & Outpatient - Financials through March 31, 2021

| | Contribution | | | | | |
|------------------------|--------------|---------------|--------------|--------------|-------------|--|
| | Net Revenue | Variable Cost | Margin | Fixed Cost | Net Margin | |
| Pediatrics - Inpatient | FY21 | FY21 | FY21 | FY21 | FY21 | |
| Grand Total | \$84,291,106 | \$48,423,065 | \$35,868,041 | \$33,638,589 | \$2,229,452 | |

| | | | | | Indirect & | |
|-------------------------|--------------|--------------|---------------|--------------|----------------------|----------------|
| | Net Revenue | Direct Cost | Direct Margin | Program Cost | Overhead Cost | Net Margin |
| Pediatrics - Outpatient | FY21 | FY21 | FY21 | FY21 | FY21 | FY21 |
| Grand Total | \$13,703,467 | \$19,410,949 | (\$5,707,486) | \$2,571,943 | \$6,325,406 | (\$14,604,860) |

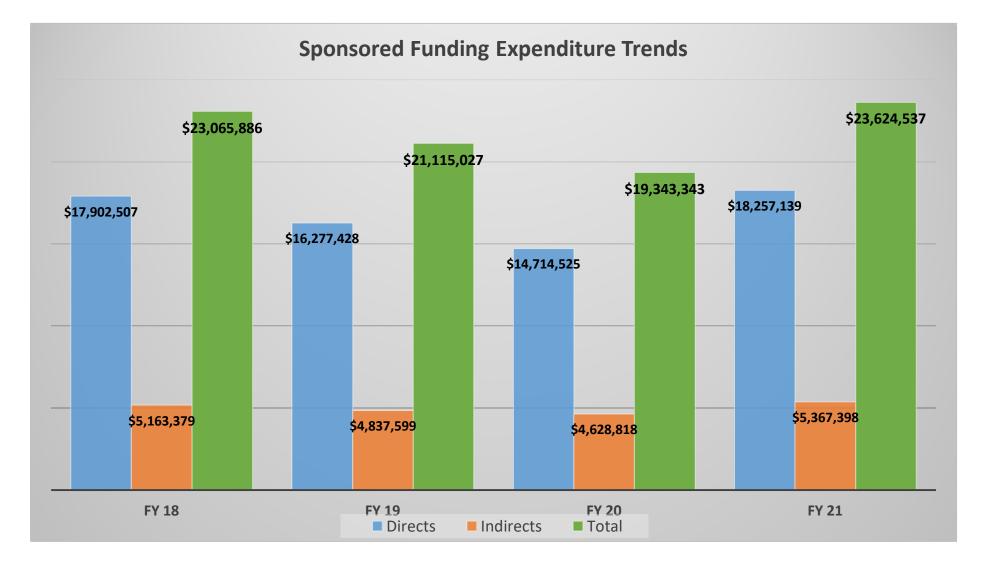
| | Gross Profit (YTD May |
|-----------------------|-----------------------|
| Pediatrics - Pharmacy | 2021) |
| Grand Total | \$11,727,477 |

Financial Trends – Combined Clinical (SMH, URMFG) FY21



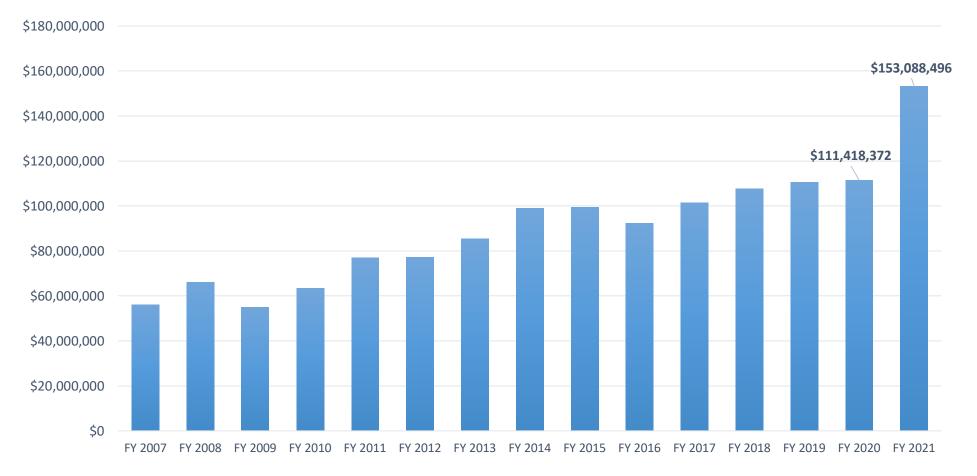
Note: Revenues for SMH technical charges are estimated (40% collection rate applied)

Financial Trends – Sponsored Funding FY21



Financial Trends – Endowment Market Values

Department of Pediatrics Endowment (SMD Only) Market Value Trends



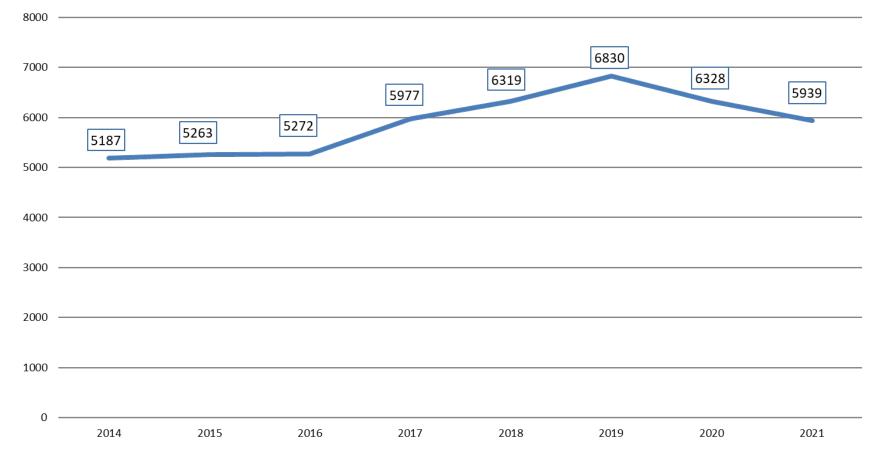
GCH-Wide Quality and Safety Data

https://www.urmc.rochester.edu/childrens-hospital/quality/scholarly-works.aspx Scholarly work!



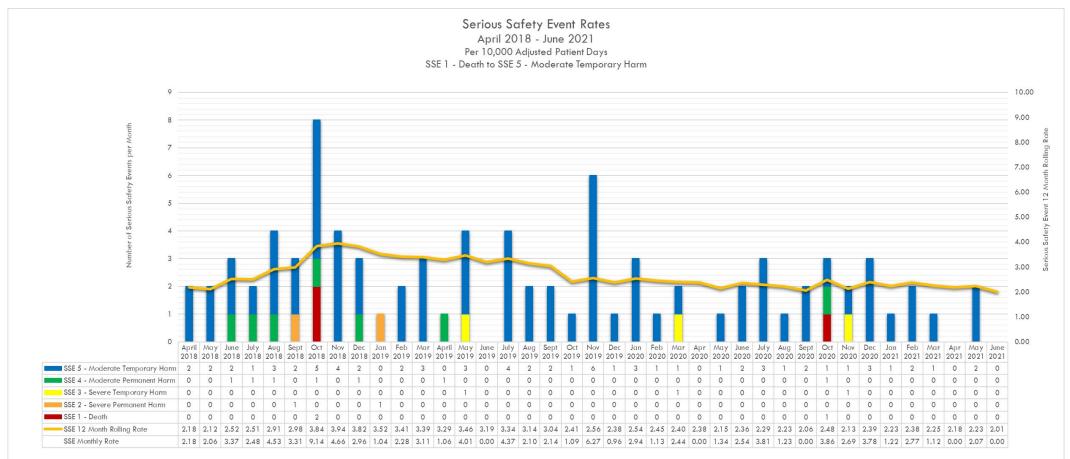
GCH Admissions 2014-2021

(age 0-18 excludes psychiatry, normal deliveries)





GCH-SPS Serious Safety Events





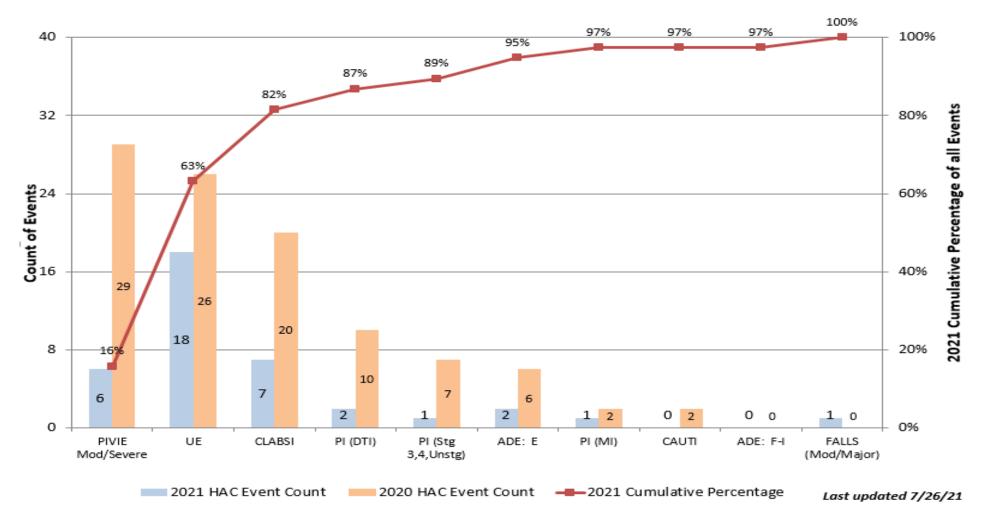
Inpatient & Staff Safety HAC Dashboard 2021

| Unit | ADE: E | ADE: F-I | CAUTI | CLABSI | Employee Safety Incidents Total / OSHA | | PIVIE (Severe/ Mod) | Pressure Injury Stage: | Pressure Injury | | Unplanned Extubation | |
|--|----------------------------|--------------------------|---|---------------------------------|---|-----------------|------------------------------|------------------------------|---|-------------------|-------------------------|------------------|
| | | | | | | | | 3, 4, Unstg | DTI | мі | | |
| NICU | 0 | 0 | N/A | 0 | 7 | 3 | 1 | 0 | 0 | 1 | 14 | |
| 6N | 1 | 0 | 0 | 2 | 6 | 1 | 2 | 0 | 1 | 0 | 2 | |
| 6S | 0 | 0 | 0 | 2 | 16* | 1 | 1 | 1 | 1 | 0 | 2 | |
| 7N | 0 | 0 | 0 | 0 | 12 | 2 | 0 | 0 | 0 | 0 | N/A | |
| 75 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | N/A | |
| 8N | 1 | 0 | 0 | 0 | 4 | 1 | 1 | 0 | 0 | 0 | N/A | |
| 85 | 0 | 0 | 0 | 0 | 8 | 1 | 1 | 0 | 0 | 0 | N/A | |
| GCH 2021 YTD | 2 (Jun) | 0 (Jun) | O (Jun) | 7 (Jul – <u>mtd</u>) | 55 Jun | 9 Jun | 6 (Jun) | 1 (Jun) | 2 (Jun) | 1 (Jun) | 18 (May) | |
| 2020 Total Events | 6 | 0 | 2 | 20 | 67 | 9 | 29 | 7 | 10 | 2 | 26 | |
| GCH Rate – Last 12 mos/Last 6 mos* | 0.112/ 0.088 | 0.000/ 0.000 | 1.388/ 0.000 | 1.128/ 0.842 | 2.35 2.5 | | 0.535 0.351 | 0.089/ 0.044 | 0.178/ 0.088 | 0.022/ 0.043 | 0.647/ 0.736 | |
| (SPS Benchmark: Centerline all Hospitals) | (0.160) | (0.019) 0.178/ | (1.107) | (1.264) | (2.9) OSH | | (~0.700) New Def 10/19 | (0.107) 0.1 | (0.179) 39/ | (0.063) | (0.662) | 1. |
| ADE: Adverse Drug Ev E: Harm – Ten F-I: Escalation PIVIE: Peripheral IV Inf | nporary inte of Harm, L | | CAUTI: * Aggressive patient-Jan Catheter Associated Urinary Tract Infection CLABSI: Central Line Associated Blood Stream Infection | | | | | n Ra ra | 0.198 Illow if GCH "Last 6 mos" over "Last 12 mos" rate, rds SPS benchmark | | | 0. (0. |

NO



GCH Patient Harm Events 2021





Pediatric Endowments

<u>Administration/Department</u>:

- New Endowments
 - Smith Professorship Thomas Mariani, PhD
 - Forbes Distinguished Professorship Endo Chief
 - Lawrence Professorship Karen Wilson, MD, MPH
 - McAnarney Professorship Jill Halterman, MD, MPH
 - Gordon Family Jill Cholette, MD
 - Haggerty-Friedman Professorship DBP (research)
 - Purcell Family Professorship DBP Chief
 - Northumberland Trust Professorship David Siegel, MD, MPH
 - White Family Professorship George Porter, MD, PhD

National Leadership Roles

Liz Murray is on the AAP NCE Planning committee and is the Chapter 1 vice president. Also serves as a national AAP Spokesperson.

George Porter is a member of Pediatric Academic Society Program Committee.

Jill Cholette is a member at large and a member of Research Committee for the Society for the Advancement of Patient Blood Management (SABM).

Patty Chess is on the Executive Committee of the National Academy of Distinguished Educators in Pediatrics.

Kate Ackerman is the SPR Chair elect.

Pat Brophy is the PAS program Chair.

See attachment for (ever-growing) involvement!!

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Appendices

Telehealth Strategy

- Departmental Org Chart
- GCH Org Chart
- Quality Improvement Center



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Partner with community providers and facilities to increase access to GCH care services

GCH will strengthen its relationship with regional providers through supporting local pediatric services. Use of telemedicine technology will allow GCH clinicians to care for children remotely both in a clinic setting as well as through inpatient tele-rounding. As a result, we will enhance the standard of pediatric care available while helping stabilize local hospitals.

Our Region: Multiple Barriers to Healthcare

Mostly rural with some urban

High level of poverty both in rural areas and in city of Rochester High social morbidity

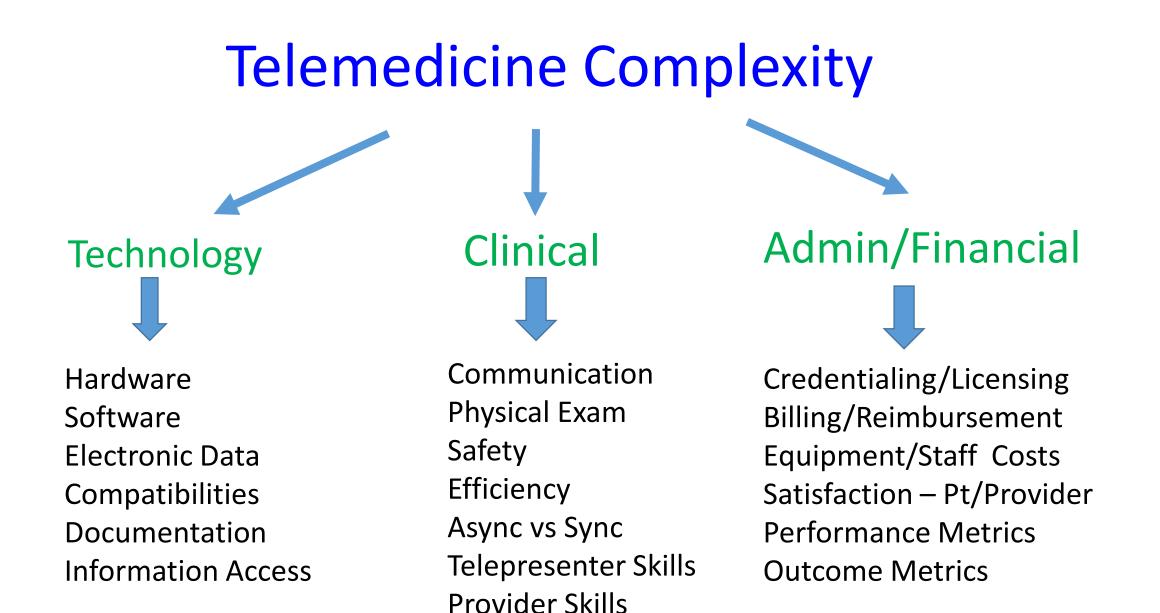
Geographic barriers – distance/weather

Paucity of pediatric sub-specialists and primarily in city

Paucity of primary care providers

Small community hospitals under significant financial strain

Decreasing ability to care for children in community hospitals Insufficient beds at GCH



GCH Telemedicine Coordinating Committee 2020-21

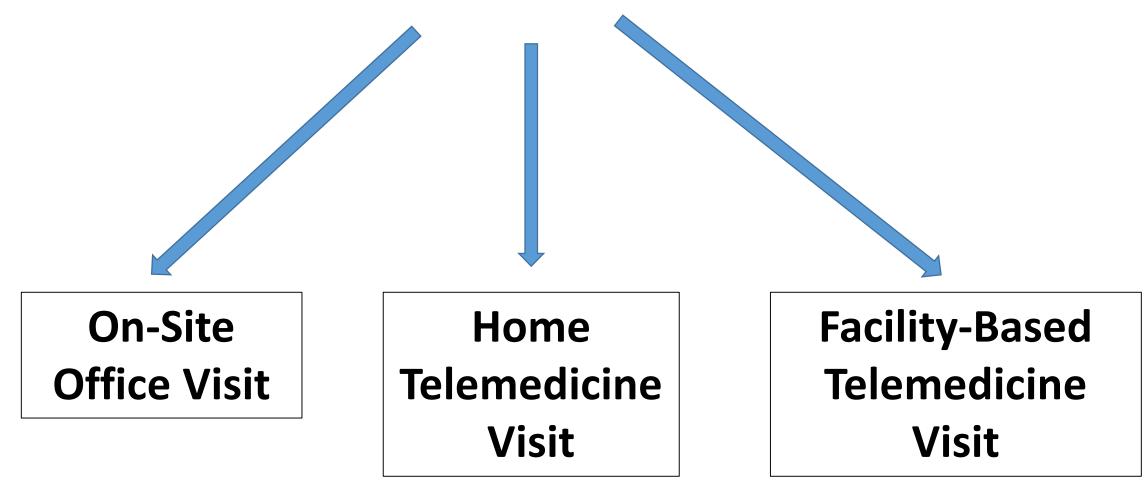
Goal: Coordination/Learning/Advising network of **all** Telehealth activities related to pediatric patients across URMC/GCH regardless of department: medical, surgical, behavioral health, nursing disciplines

Meets: monthly (Chair – GCH Regional Chief Medical Officer)

Reviews:All GCH Inpatient and Outpatient telemedicine regional activitiesGCH Telemedicine Satisfaction Reports (Press Ganey)URMC Telemedicine/Digital ActivitiesGCH Telemedicine Data (for 2021-2022 beginning with volumes, demographics,

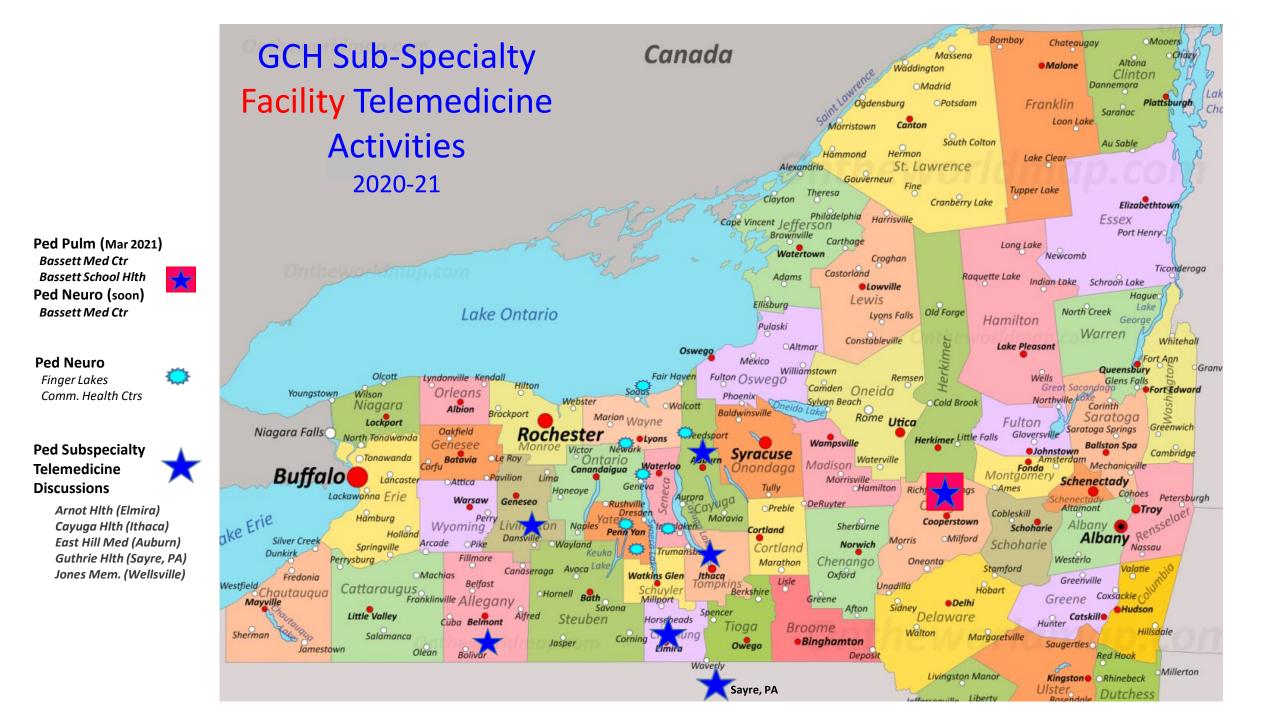
dashboard development, looking for potential disparities)

GCH Outpatient Visit Options



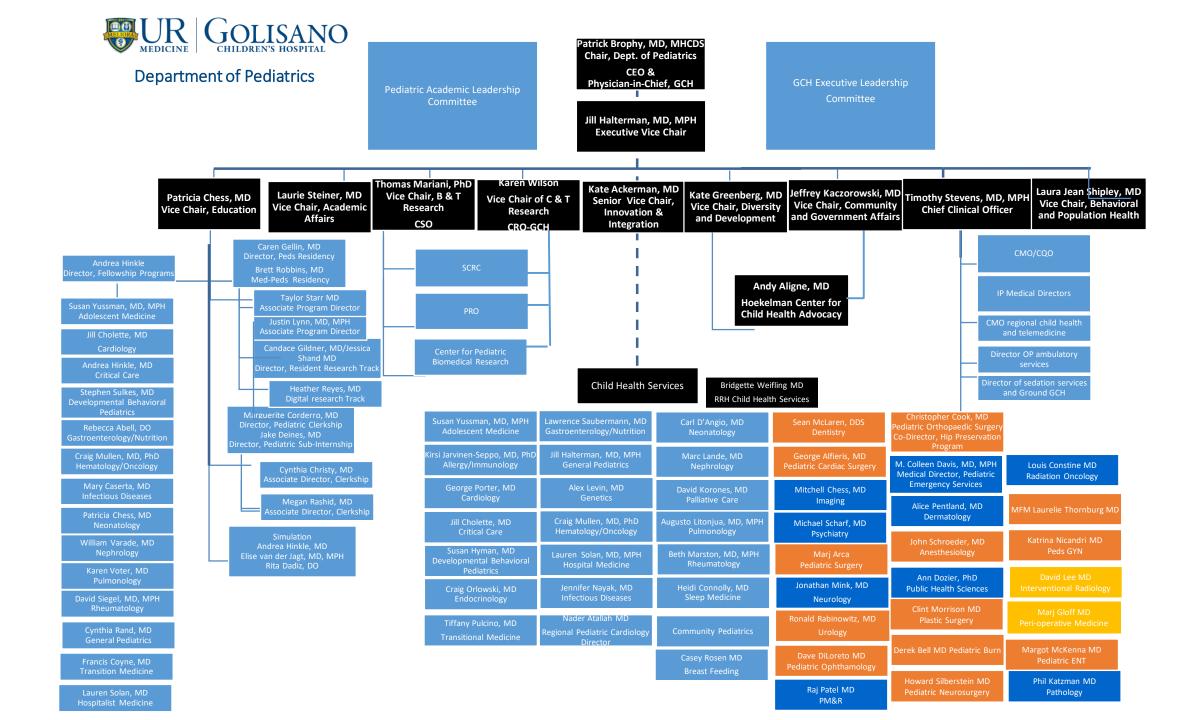
Home Telemedicine Activities Outcomes

- GCH sub-specialties continuing primarily home telemedicine visits
 - Pediatric GI/Nutrition/Liver Disease
 - Pediatric Development/Behavioral Pediatrics
 - Child Psychiatry/Behavioral Health
 - Gen. Pediatrics School Health (AC-6 Peds practice) ongoing and expanding
- Decreased no-show rates (adolescent medicine, child psychiatry)
- Re-imbursement still occurring for home-based telemedicine and likely will be extended



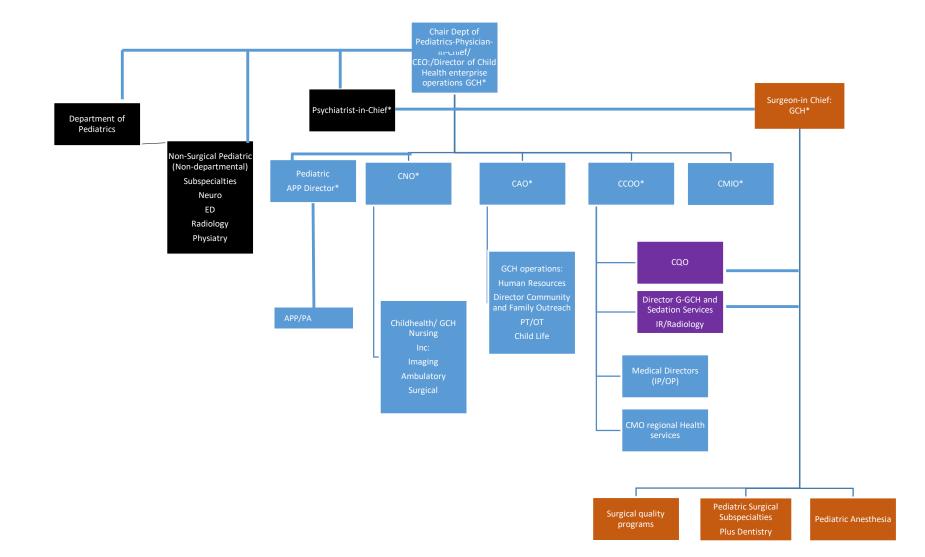
GCH Telemedicine Activities 2020-21 Halo Effect

- Improved understanding of the needs of children/families in the region
- Improved relationships with non UR-Med facilities and PCPs
- Decrease in "silos" within Golisano Children's Hospital (medical/surgical/psychiatry areas, inpatient/outpatient)
- Closer working relationship of GCH and URMC w.r.t. telemedicine





Department of Pediatrics





Department of Pediatrics

