

Melinda Murphy, MD FAAP

University of South Florida, Morsani College of Medicine

Department of Pediatrics, Division of General Pediatrics

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EDUCATION

Doctor of Medicine 2006-2010
University of South Florida, Morsani College of Medicine
Tampa, Florida

Bachelor of Science, graduated Cum Laude 2002-2006
University of South Florida, Honors College
Tampa, Florida

POST GRADUATE TRAINING

Chief Resident, Pediatrics 2013-2014
University of South Florida, Morsani College of Medicine
Tampa, Florida

Residency, Pediatrics 2010-2013
University of South Florida, Morsani College of Medicine
Tampa, Florida

BOARD CERTIFICATION

American Board of Pediatrics 2019-present
Pediatric Hospital Medicine, Certificate Number 808
(first cohort eligible for Pediatric Hospital Medicine certification)

American Board of Pediatrics 2013-present
General Pediatrics, Certificate Number 107741

LICENSURE

Florida Medical License, Number ME115835 2013-present

US Drug Enforcement Administration, License Number FM4200868 2013-present

ACADEMIC APPOINTMENTS

Associate Professor, Department of Pediatrics USF Morsani College of Medicine, Tampa, Florida.	July 2021-present
Clinical Adjunct Instructor, A.T. Still University-Kirksville College of Osteopathic Medicine (ATSU-KCOM), Kirksville, Missouri.	July 2020-present
Assistant Professor, Department of Pediatrics USF Morsani College of Medicine, Tampa, Florida.	July 2014-June 2021

ADMINISTRATIVE ASSIGNMENTS

Chief of Pediatrics Tampa General Hospital, Tampa, Florida	2020-present
Vice-Chief of Pediatrics Tampa General Hospital, Tampa, Florida	2018-2020
Director of Pediatric Hospital Medicine Tampa General Hospital, Tampa, Florida	2015-present

CLINICAL APPOINTMENTS

Pediatric Hospitalist, Tampa General Hospital, Tampa, Florida.	2014-present
Pediatric Hospitalist, Shriner's Hospital for Children, Tampa, Florida. Resigned in good standing when hospital moved clinical operations to Tampa General Hospital.	2015-2019
Pediatric Hospitalist, St Joseph's Children's Hospital, Tampa, Florida	2016-present
Pediatric Emergency Medicine, Johns Hopkins All Children's Hospital, St. Petersburg Florida. Per diem shifts 2013-2014; resigned in good standing in 2016.	2013-2016

AWARDS, HONORS, HONORARY SOCIETY MEMBERSHIPS

Accepted into the Advancing Pediatric Educator Excellence (APEX) teaching program. Two-year course sponsored by the AAP Section on Hospital Medicine and the Academic Pediatric Association with a competitive selection process. (Accepted April 2020, start date postponed until July 2021 due to COVID-19.)	April 2020
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<u>Award</u> from the Office of Faculty Development at University of South Florida to attend the <i>Association of American Medical Colleges Early Career Women Faculty National Leadership Development Seminar</i> in St. Louis Missouri.	April 2019
<u>Certificate of Appreciation</u> awarded by the University of South Florida Pediatric Residency Program for supporting and judging at the USF Pediatric Resident Quality Improvement and Research Forum.	April 2018
<u>Teaching Attending of the Year</u> for USF General Pediatrics. Selected by the graduating class of Pediatric Residents.	June 2018
Clinical Education Excellence Bonus Salary <u>Award</u> by the University of South Florida, Office of Education.	Oct 2017
<u>Teaching Attending of the Year</u> for USF General Pediatrics. Selected by the graduating class of Pediatric Residents.	June 2016
Inducted into <u>Alpha Omega Alpha Medical Honor Society</u> as a graduating Medical Student.	May 2010
<u>Lewis A Barness Award</u> , University of South Florida Department of Pediatrics award for graduating student with excellence in medical student rotations.	May 2010
<u>Academic Excellence Award</u> , University of South Florida, College of Medicine recognition of outstanding academic achievement.	May 2010
<u>Dean's List of Scholars</u> , University of South Florida, College of Arts and Sciences.	2003-2006
<u>Honor Roll</u> , University of South Florida Department of Chemistry	2005-2006

CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT

<i>SPS Sedation Provider Course</i> . Society of Pediatric Sedation. Online curriculum (3 AMA credits) to be followed by in-person teaching and assessment at live conference 2022.	April – May 2021
<i>USF/TGH Physician Leadership Program</i> . Center for Analytics and Creativity. Muma College of Business. University of South Florida. (Competitive year long course for physician leadership.)	Jan 2021- Dec 2021

<i>2019 Pediatric Hospital Medicine: PREP – Austin Texas.</i> Four day in-person course. (25 credits).	September 2019
<i>AAMC Early Career Women Faculty Leadership Development Seminar.</i> Three day interactive seminar in St. Louis Missouri. Highly competitive selection process. Selected and sponsored by USF Office of Faculty Development (see above).	July 2019
<i>2019 PREP Hospital Medicine.</i> Completed online (MOC Part 2 – 26 points).	Summer 2019
<i>2018 PREP Hospital Medicine.</i> Completed online. (MOC Part 2 – 26 points).	Spring 2019
<i>American Academy of Pediatrics National Conference and Exhibition (AAP NCE),</i> Orlando, Florida. Attendee. (20 credits).	November 2018
<i>Adapted Motivational Interviewing Performance Improvement Module.</i> AAP-sponsored online activity. (20 credits).	February 2018
<i>Improve Health Literacy Performance Improvement Module.</i> AAP-sponsored online activity. (20 credits)	February 2018
<i>American Academy of Pediatrics National Conference and Exhibition (AAP NCE),</i> San Francisco, California. Presenter and attendee. (48 credits).	October 2016
<i>2016 Decision Skills Self-Assessment.</i> AAP-sponsored online activity. (15 credits).	March 2016
<i>AAMC: Teaching For Quality Faculty Development Workshop and Certification.</i> One-and-one-half day in-person workshop sponsored by University of South Florida and hosted by Tampa General Hospital. Project culminated in Pediatric Resident Quality Improvement Curriculum.	October 2015
<i>Institute For Healthcare Improvement: Basic Certificate in Quality and Safety.</i> Completed online. (ABP MOC Part 2 20 credits).	Spring 2015
<i>American Academy of Pediatrics National Conference and Exhibition (AAP NCE),</i> San Diego California. Presenter and attendee. (25 credits).	October 2014

TEACHING

Undergraduate Medical Education (Medical Students)

Women’s Health and Pediatrics Clerkship (BCC 7185)	2019-present
<ul style="list-style-type: none"> • Co-Clerkship Director • Instructor of Record 	
Pediatric In-patient rotation for Physician Assistant Students (PAS 6400)	2017-present
<ul style="list-style-type: none"> • Faculty Preceptor • 3 students per rotation, 4-6 rotations per year 	
Primary Care Clerkship (BCC 7184)	2019-present
<ul style="list-style-type: none"> • Facilitator for Observed Skills Clinical Exam (OSCE) • 3-6 students per session, 2 sessions per year 	
Doctoring 2 (BMS 6826)	2014-2019
<ul style="list-style-type: none"> • Faculty Preceptor for Newborn Exam • 4-8 2 hour sessions per year 	
Maternal Newborn Pediatrics Clerkship (BCC 7185)	2014-present
<ul style="list-style-type: none"> • Clinical faculty at Tampa General overseeing the students’ day-to-day clinical work, providing bedside didactics, constructive feedback on presentations, notes and critical thinking. • 5-6 students per rotation, 10 rotations per year 	
Pediatrics Fourth Year Acting Internship (MEL 7551)	2014-present
<ul style="list-style-type: none"> • Site director at Tampa General Hospital • Faculty Preceptor • 5-8 students per year • Letters of Recommendations provided at the end of the rotation upon request 	
Primary Care Clerkship (BCC 7184)	2014-2017
<ul style="list-style-type: none"> • Pediatric Clinic Preceptor • 1-2 students per week, 8-10 weeks per year 	

Graduate Medical Education (Residents)

Pediatric Hospital Medicine Rotation for Pharmacy Residents, Tampa General Hospital, 4-6 per year.	2015-present
Pediatric Hospital Medicine Rotation for Pediatric and Medicine-Pediatric Residents, Faculty Lead at Tampa General Hospital. 3 residents per rotation, 12 rotations per year.	2014-present

Pediatric Resident Faculty Advisor, USF Pediatrics 2014-present
 - Mentor 1 resident from each class
 - Meet with each mentee 2-4 times per year
 - Total 3 residents each year

Newborn Rotation for Pediatric and Medicine-Pediatric Residents at Tampa General Hospital, 2 residents per session, 1-4 sessions per month. 2014-2018

Ambulatory Clinic Rotation for Pediatric and Medicine-Pediatrics Residents, Faculty Preceptor at 17 Davis and Healthpark Clinics, 2-3 residents per session, 4-6 sessions per month. 2014-2018

Resident and Student Lectures

“Orientation to Pediatric Physical Exam and Pearls for Obtaining Pediatric History.” USF 3rd year medical student didactics. Once per 8 week rotation. July 2019-present

“Pediatric Pulmonology- A review of key topics.” USF 3rd year medical student didactics. Presented annually. July 2019-present

“Community Acquired Pneumonia: diagnosis, treatment and complications.” Presented to USF Pediatric Residents at Academic Half Day as part of core resident curriculum. September 2019

“Morbidity and Mortality: Pediatrics at Tampa General Hospital.” Joint conference with USF Pediatrics faculty, Pediatric ICU, Pediatric Surgery, nursing and residents. Presented 2-3 times each year. July 2018-present

USF Pediatrics Department, Resident Noon Conferences Pediatric Boot Camp: On-Call Pediatric Emergencies July 2018

USF Pediatrics Department, Resident Noon Conferences Resident Board Review: Pediatric Potpourri Aug 2017

USF Pediatrics Department, “How To Be A Senior Resident Boot Camp” Quality Improvement and Patient Safety (QIPS) Activities. June 2017

“Root Cause Analysis and Patient Morning Report.” Presented to USF Pediatrics Resident Morning Report at Tampa General every other month as part of the resident *Quality Improvement and Patient Safety Curriculum (see below)*. July 2016-present

USF Pediatrics Department, “How To Be A Senior Resident Boot Camp” Quality Improvement and Patient Safety (QIPS) Activities.	June 2016
USF Pediatrics Department, Intern Orientation	June 2016
USF Pediatrics Department, Resident Noon Conferences Cystic Fibrosis	April 2016
USF Pediatrics Department, Resident Noon Conferences Resident Board Review: Pediatric Cardiology	Sept 2015
USF Pediatrics Department, “How To Be A Senior Resident Boot Camp” Quality Improvement and Patient Safety (QIPS) Activities.	June 2015
USF Pediatrics Department, Intern Orientation.	June 2015
USF Pediatrics Department, Resident Noon Conferences Resident Board Review: topics in General Pediatrics	Feb 2015
USF Pediatrics Department, Resident Noon Conferences- Primary Care Series: - Well Child Visit 2-6 years old (1 hour) - Well Child Visit 6-12 years old (1 hour)	Oct 2014
USF Pediatrics Department, Resident Noon Conference at Johns Hopkins All Children’s Hospital, Sagittal Sinus Thrombosis and Nephrotic Syndrome.	April 2013
USF Pediatrics Department, Resident Noon Conference at Tampa General Hospital, Inflammatory Bowel Disease.	Dec 2012
USF Pediatrics Department Resident Noon Conference at Tampa General Hospital, Hypertrophic Cardiomyopathy.	May 2012
USF Pediatrics Department, ICU Case Conference at Johns Hopkins All Children’s Hospital, Sudden Cardiac Death.	Sept 2011
USF Pediatrics Department, Resident Noon Conference at Johns Hopkins All Children’s Hospital, Nephrotic Syndrome.	Aug 2011
USF Pediatrics Department, Resident Noon Conference at Johns Hopkins All Children’s Hospital Lymphadenopathy.	April 2010

Hospital Teaching

Tampa General Pediatric Nursing Education Blocks

Review admission protocol, PEWS scoring, nasogastric tube utilization, management of metabolic patients on the pediatric floor and update on osteogenesis imperfect patient management.	November 2020
COVID-19 infection in pediatric patients: treatment and isolation protocol review.	April 2020
Introduce and review new <i>Pediatric Hypoglycemia protocol</i>	January 2020
Review <i>Shriner’s Posterior Spinal Fusion Pathway</i> and discuss unique patient care considerations and possible complications.	September 2019
Review <i>Osteogenesis Imperfecta: diagnosis, treatment and special considerations to nursing care.</i>	May 2019
Update on likely partnership with Shriner’s Hospital for Children and particular disease processes and procedures that may be seen.	March 2019
Review progress of <i>Pediatric Sepsis Pathway</i> and recent changes to the pathway.	January 2019
Introduce <i>Pediatric Sepsis Pathway</i> , Best Practice Alert (BPA) and nursing role in pediatric sepsis recognition and treatment.	September 2018
Review definition, diagnosis and treatment of <i>Pediatric Sepsis</i>	May 2018
Curriculum Design and Innovation	
“Management of Pediatric Patients after Complex Orthopedic Procedures.”	Fall 2019
<ul style="list-style-type: none"> • Digital review of unique concerns, pathology and potential complications. • Target audience: pediatric residents, pediatric hospitalists and nursing. 	
Pediatric CPX (clinical pediatric exam) revision: review of current cases used with simulated patients during 3rd year medical student rotation.	Fall 2019
<ul style="list-style-type: none"> • Developed new case and grading rubric that is consistent with Step 2CS presentation and write-up. 	
“Pedi DVT – It’s a thing. When to prophylax and how.”	Spring 2019

- Digital resource for DVT prophylaxis with handout targeted to pediatric residents and faculty.

“Pediatric Sepsis: recognition and response.”

August 2018

- Resident and faculty education on Sepsis collaborative (described below).
- Presented during rotation orientation monthly and available in digital and print for review.

“Emergencies on the Pediatrics Wards: what can happen and what to do about it.”

Spring 2016

- Digital presentation and handbook targeted to pediatric residents on in-patient rotations.

“Improving the Quality of a Quality Improvement and Patient Safety Curriculum in a Pediatric Residency Program.”

Winter-Spring
2016

- Collaborators: Dr. Diane Straub, Dr. Harrison Cobb and Dr. Denrik Abrahan.
- Redesigned resident QIPS curriculum to include introduction to concepts at orientation, monthly Root Cause Analysis morning reports, self-reflections presented at senior retreat and resident QI projects presented annually at Resident QI Forum.
- Results accepted and presented at the Quality Forum at AAP National Conference in San Francisco October 2016.

Mentorship

Alexandra Howard, DO

- USF Pediatric Resident Class of 2019
- Chief Pediatric Resident 2019-2020
- Pediatric Hospitalist at Children’s Hospital of Philadelphia starting July 2020.
- Collaborated on various quality efforts within USF and Tampa General; most significantly the Pediatric Sepsis Pathway.

Colleen McIntosh, DO

- USF Medicine Pediatrics Resident Class of 2019
- Hospitalist with USF at Tampa General
- Collaborated on “Who is on my team?” quality improvement project and awarded a grant from USF Office of Graduate Medical Education in 2018.

Carissa Simone, MD

- USF Pediatric Resident Class of 2019
- Pediatric hospitalist at St. Joseph's Children's Hospital

Michelle Blanco, MD

- USF Pediatric Resident Class of 2018
- Chief Pediatric Resident 2018-2019
- Currently Assistant Professor of Pediatrics at USF and co-director of the NICU Complex Care Clinic.

Denrick Abrahan, MD

- USF Pediatric Resident Class of 2017
- Graduating from Pediatric Critical Care Fellowship at the Cleveland Clinic Children's, 2020
- Pediatric Intensivist at Tampa General starting July 2020
- Worked together to develop Resident Quality Improvement and Patient Safety Curriculum and presented the project at AAP National Meeting in San Francisco, October 2016.

Meredith Plant, MD

- USF Pediatric Resident Class of 2017
- Chief Pediatric Resident 2017-2018.
- Currently Assistant Professor of Pediatrics at USF, director of Physician Assistant Pediatric Clerkship and Associate Program Director, USF Pediatric Residency, Tampa Florida.

Allison Cullinane, MD

- Mentee since 2016
- USF Morsani College of Medicine Class of 2016
- Worked together and presented on the Pediatric Sepsis Pathway
- USF Pediatric Resident Class of 2019 – awarded "Resident of the Year" and "General Pediatrician of the Year" at graduation.
- Out-patient pediatrician in Norfolk, Massachusetts and is affiliated with Boston Children's Hospital.

Joanna Robles, MD

- Mentee since 2014
- USF Morsani College of Medicine Class of 2014
- USF Pediatric Resident Class of 2017
- Graduated from Pediatric Hematology and Oncology Fellowship at Duke University School of Medicine, 2020.

CLINICAL ACTIVITIES AND INNOVATIONS

COVID-19 and Pandemic related issues on Pediatrics

March –Nov 2020

- Team: physicians across specialties, nursing, administration, pharmacy, infection control, child life, social work and case management.
- Challenges:
 - Determining type and indications for testing
 - Physical space and rooming considerations
 - Visitors on pediatric floor
 - Pre-admission and pre-op testing
 - Testing in the pediatric day hospital and dialysis unit
- Outcomes: Developed numerous algorithms and pathways related to testing and isolation practices; developed an admission and treatment protocol and order set for COVID positive patients; developed and delivered nursing and resident education.

Pediatric Hypoglycemia Protocol

Fall/Winter 2019-
2020

- Background: previously no standard response to symptomatic hypoglycemia in pediatric patients which led to delays in treatment, miscalculation of dosing and not having requested medication readily available.
- Team: pediatric hospitalist, endocrinology, nursing, pharmacy, information technology
- Process: agreed upon an appropriate weight-based dose of D10 to correct symptomatic hypoglycemia; standardized the verbiage; developed an order panel within the electronic medical record that includes the agreed upon interventions and dosing; ensured the PYXIS on each floor was appropriately stocked; disseminated information about new process to physicians, residents and nursing.
- Outcome: symptomatic hypoglycemia is recognized and treated according to standard of care.

Shriner's Hospital for Children and Tampa General Partnership

2019-present

- Background: Shriner's Hospital for Children partnered with TGH and relocated all surgical cases and admitted patients beginning summer of 2019.
- Role: physician liaison
- Team: TGH and Shriner's physicians, nursing, OR staff, anesthesia, pharmacy, rehab and case management.
- Goal: provide safe, efficient and effective care for medically fragile pediatric patients with unique orthopedic diagnoses.

- Process: Met monthly with Shriner’s team to identify unique populations, particular complications and challenges to transitioning patients to TGH. TGH team met monthly to develop EMR alerts, order sets, education and hands-on training on patient care.
- Outcomes: 1) successfully implemented electronic training on osteogenesis imperfecta for all patient care areas at TGH, 2) developed an EMR-based alert tool to correctly identify children with osteogenesis imperfecta, 3) developed a post-op order set for posterior spinal fusion patients, 4) developed and delivered nursing and resident education on caring for this unique population.
- Weekly meetings ongoing to plan for the following weeks’ cases and admissions.

Pediatrics Sepsis Recognition and Response at Tampa General: System-wide collaboration between USF and Tampa General to improve recognition, response and outcome of septic patients.

2018-2019 with review every 3 months

- Role: physician lead
- Team: attending physicians across specialties (hospitalists, intensive care, infectious disease, hematology/oncology and emergency medicine), resident physicians, pharmacy, nursing, infection control and information technology (IT).
- Process: met twice monthly during planning phase as a pediatric team and monthly hospital-wide. Researched local, regional and national practices; developed criteria for “SIRS/Sepsis Alert” and appropriate response and interventions; developed treatment algorithm; developed and disseminated education for nursing and physicians.
- Outcome: 1) developed an EMR-based sepsis screening tool, 2) implemented the tool across all areas that treat pediatric patients (ER, pediatric floor and PICU) and 3) met our targets for detection and treatment. TGH is now in a “world class” CMS ranking for sepsis management in all age groups including pediatrics

Pediatric Admission Policy Revision: patients aged 1 week to 18 years admitted to the Children’s Medical center at Tampa General Hospital, consultation by a Pediatrician, a Pediatric Subspecialist or a Pediatric Surgeon is required.

2017-2019

- Team: attending physicians and nursing leadership
- Issue: pediatric patients were occasional admitted by non-pediatric teams resulting in safety issues related to nutrition, medication dosing, pain control, unnecessary lab and imaging

orders and absence of familiarity with pediatric specific care (PEWS scoring and PALS being most important).

- Process: Recruited task force; met quarterly; researched local, regional and national practices; drafted guidelines; presented to Pediatric administration; presented to Executive committee; revised by-laws to reflect updated practice; disseminated information to nursing, transfer center/bed control, administration and physician staff.
- Outcome: revised policy and updated practices so that admitted pediatric patients have pediatric-trained physicians on their care teams.

“Review of Security and Visitation on Pediatric Unit at Tampa General”

2016-2019

Ongoing comprehensive revision of security practices on the pediatric unit.

- Role: physician lead
- Team: attending physicians, nurse management, security and social work
- Goal: correctly identify visitors and appropriately control access to pediatric floor.
- Process: Met monthly with pediatric team; researched local, regional and national practices; drafted written proposed guidelines; presented plan to executive leadership and foundation members; reviewed and presented new procedures to physician and nursing staff.
- Outcomes: 1) pediatric visitation policy was re-written to limit information and access to pediatric patients admitted to the hospital. 2) Additional salary support was allocated; security staff were hired and trained to work on pediatrics, and a physical desk space was built to allow visitors to be screened and identified. 3) Side entrances to pediatric unit were closed and equipped with badge-access locks and cameras.

“Rapid Refeeding of Adolescents with Anorexia Nervosa”

Began 2014;
reviewed every 6
months

- Role: co-lead with Dr. Amy Weiss (adolescent medicine)
- Team: attendings, resident physicians, nursing, registered dietician, child life, social work, case management and clinical psychology
- Goal: reduce refeeding complications, length of stay and re-admission rates of adolescents admitted for refeeding
- Developed an order set, rapid refeeding protocol, patient behavior contract and response-based privilege system to

standardize the care of patients admitted for acute malnutrition related to anorexia.

- Outcomes: decreased incidence of refeeding syndrome, improved average daily weight gain, and decreased re-admission rates; length of stay is unchanged from prior management.

“Turtles and Sharks: reducing risk of spreading infections in the pediatric play room at Tampa General Hospital”.

2014

- Role: Physician Lead
- Team: Nursing, child life and infection control
- Goals: 1) decrease use of PCR-based testing for mild upper respiratory illnesses and 2) limit utilization of play area for children who display symptoms of viral respiratory illnesses.
- Outcome: successfully developed symptom-based criteria to determine whether a child should be in the play room during their hospitalization and decreased the use of lab-based testing in children with mild illnesses.

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

Murphy, M. and Takagishi, J. *Fever, conjunctivitis, rash, and belly pain*. Contemporary Pediatrics. Vol 36; Num 5. May 1, 2019 (e-published).
<https://www.contemporarypediatrics.com/view/fever-conjunctivitis-rash-and-belly-pain>

INVITED REVIEWS/BOOK CHAPTERS

Murphy, M., O’Brien, P. and Gates, M. *Hospital Management of Pediatric Post-Surgical Complications*. To be published in: Berkowitz et al., eds. Advances in Pediatrics, Elsevier, Vol 68, 2021.

Murphy, M. et al. *Newer Ingestions and Toxidromes*. To be published in Berkowitz et al., eds. Advances in Pediatrics, Elsevier, Vol 69, 2022.

NON-PEER REVIEWED PUBLICATIONS

Scaturo, N, Gargasz, A, and **Murphy, M.** *Zidovudine-Induced Lactic Acidosis in an Infant Receiving HIV Prophylaxis*. Published online at PatientCare.com.
<https://www.patientcareonline.com/hiv-aids/lactic-acidosis-infant-receiving-hiv-prophylaxis>. April 26, 2017.

INVITED LECTURES

“Hospital Management of Pediatric Post-Surgical Complications” October, 2020
Presented at USF Pediatrics Grand Rounds, Tampa General Hospital, Tampa, Florida and to Lehigh Valley Hospital Network Pediatric Grand Rounds in Lehigh Valley, Pennsylvania.

ABSTRACT AND POSTER PRESENTATIONS

Perez-Colon, E, Sanchez-Valle, A, Patel, S and **Murphy, M.** *Mesenteric Gaucher cell pseudotumor - a rare cause for diarrhea and tetany in a 19 year-old Gaucher's Type 3b patient.* Poster presentation at 12th International Congress of Inborn Errors of Metabolism, Barcelona, Spain September 2013.

Cobb, H, Abraham, D, **Murphy, M** and Straub, D. *Improving the Quality of a Quality Improvement and Patient Safety Curriculum in a Pediatric Residency Program.*

- Poster presentation at AAP National Conference Council on Quality Improvement and Patient Safety, San Francisco, California October 2016.
- Presented to USF Research Day April 2017 and award “Best Resident Poster”.
- Presented to USF Pediatric Ground Rounds May 2017.

Cullinane, AK, Howard, AL, Rico, JF, Baron, M, **Murphy, M** and Balakrishnan, M. *Improving Recognition and Response to Pediatric Sepsis at Tampa General Hospital.* Poster presentation at USF Resident Research Day April 2019.

McIntosh, C, Dinh, L, Furman, L, Shelor, K, Siraj, S and **Murphy, M.** *“Who is on my team?” Using baseball cards to improve patient satisfaction through recognition and communication at two different hospital systems.*

- Poster presentation at USF Resident Research Day April 2019.
- Presented at USF Pediatric Ground Rounds May 2019.
- Awarded a grant from University of South Florida Office of Graduate Medical Education from 2018-2019.

Sullivan, S., Liu, M., **Murphy, M.**, Shapiro, D., Leiding, JW. *HLH Secondary to HSV Viremia in a Pregnant Adolescent Female.* Accepted at American Academy of Allergy, Asthma and Immunology 2020 Annual meeting, Philadelphia, Pennsylvania. (Live presentation in March 2020 canceled due to COVID-19.)

Lafranchise, E., Grana, A., and **Murphy, M.** *Bruising from Cruising: Undiagnosed Pediatric Hemophilia.* Accepted for poster presentation at Pediatric Hospital Medicine Conference, Orlando, Florida. (Live presentation scheduled for July 2020 canceled due to COVID-19.)

RESEARCH

COVID 19 infection in febrile infants under ninety days of age.

- PI: Melinda Murphy, Co-I: Claudia Espinoza
- Multi-centered collaborative investigating the clinical characteristics of young infants with COVID 19 and fever.
- IRB waiver granted May 2021
- Data collection underway

SPOT Study: A Phase 3, open-label, randomized, comparator controlled trial of the safety and efficacy of dalbavancin versus active comparator in pediatric subjects with acute bacterial skin and skin structure infections (ABSSSI).

- PI: Patterson, J. Co-I: **Murphy, M.** and Guitierrez, M.
- Sponsored by Allergan
- Clinical Study Identifier: S16-01263, Clinicaltrials.gov Identifier: NCT02814916
- Site: Tampa General Hospital, Tampa Florida.
- Opened March 2018 and actively enrolling.

GRANTS

USF GME Research Grant Program: \$5000 to implement the project *“Who is on my team? Using baseball cards to improve patients’ satisfaction through recognition and communication with their physician staff.”*

- Faculty sponsor: **Melinda Murphy, MD**
- Resident applicants: Collen Maier DO, Lisa Dinh DO and Lauren Furman MD.
- Award granted August 2018-June 2019.
- Outcome: improved pediatric patient satisfaction by increasing recognition and communication with physician team.

SERVICE

Professional Memberships and Activities

Member, Council of Medical Student Education in Pediatrics (COMSEP)	2019-present
Fellow, Council on Medical Education, American Academy of Pediatrics	2019-present
Fellow, Council on Quality Improvement and Patient Safety, American Academy of Pediatrics	2016-present
Fellow, Florida Chapter of American Academy of Pediatrics	2016-present
Fellow, Section of Hospital Medicine, American Academy of Pediatrics	2015-present

Member, Hillsborough County Pediatric Association	2013-present
Member, Alpha Omega Alpha Medical Honor Society (see also Honors and Awards)	2010-present
Member, American Academy of Pediatrics	2010-present

Committee Assignments

Council of Clerkship Directors, USF	Aug 2020-present
Academic Performance Review Committee, USF.	Aug 2020-present
Curriculum Committee, University of South Florida Morsani College of Medicine.	Oct 2020-present
Physician Lead for Tampa General Hospital and Shriners' Hospital for Children facilitating the transition of Shriners In-patient care to Tampa General.	March 2019-present
Accreditation Council for Graduate Medical Education Clinical Learning Environment Review (ACGME CLER) Site visit: Tampa General Hospital Department of Pediatrics Faculty representative.	Jan-April 2019
USF Department of Pediatrics ACGME Self-Study Committee, Faculty Representative	Oct 2017-May 2018
Faculty Council, University of South Florida; Representative for the Department of Pediatrics.	2014-2016
USF Pediatric Residency recruitment and selection committee.	2014-present
Accreditation Council for Graduate Medical Education Clinical Learning Environment Review (ACGME CLER) Site visit: Tampa General Hospital. USF Department of Pediatrics resident representative.	2013-2014
USF Pediatric Residency Clinical Competency Committee, Chief Resident	2013-2014
USF Pediatric Resident Oversight Committee, formerly resident liaison, currently faculty representative.	2012-present

Administrative Assignments

Shriners' Children's Hospital and TGH Weekly Interdisciplinary Rounds.	2019-present
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Pediatric Trauma Program Operational Performance Committee (TPOPC), TGH; Pediatrician representative; meets monthly.	2016-present
Council of Medical Directors, TGH; meets monthly.	2015-present
Women's and Children's Quality Task Force, Physician Representative, TGH. Meets quarterly and as needed.	2014-present
Pediatric Best Practice Committee, Physician Lead, TGH; meets monthly.	2014-present
Children's Medical Center Clinical Practice Improvement Team, Physician representative, TGH. Meets every other month.	2014-present

University Service

Judge at USF Pediatric Research and Quality Improvement Forum	2019
Core Interviewer during resident recruitment, USF Pediatrics. Total 12-30 interviewees per interview season.	2014-present
"Mock" interviewer: event hosted annually by USF Pediatrics to help prepare 4 th year medical students for resident interviews.	2015- present
Back-to-school Health fair; supervise residents and provide free school physicals, 1-2 events per year depending on need and availability.	2013-present

Community Service

Physician Advisor on return to school protocols for Bayshore Christian School, Tampa, Florida.	July-August 2020
Broadcast interview on "Pediatric Vaccines". Bloom segment on WFLA (Channel 8), Tampa Florida.	July 8, 2020
Parent volunteer at Bayshore Christian School, Tampa, Florida (8 hours per month commitment).	2019-present
Broadcast interview discussing "Measles outbreak and what families should know." WFLA (Channel 8), Tampa, Florida.	May 10, 2019

Parent coach and support person for parents of children with new cancer diagnosis. Supported through Momcology social network. (Online at www.momcology.org and on social media).	2018- present
Board of Trustees member for <i>John Shiver Ministries</i> , Tampa Florida	2014-present

*Updated
5/21/2021*