



Graduate Medical Education

Annual Report 2020-2021



Children's Mercy Kansas City: Always Learning. Always Teaching.

Medical education in a pandemic has been hard for many institutions across the country. At Children's Mercy, however, we never pass up an opportunity to learn and teach. Among the many lessons we learned this year:

Virtual interviews are possible! Many of our trainees were bold enough to land at our front doorstep for the very first time on their first day of work. Thank you for taking a chance on us.

Sometimes kindness goes a long way. All of us have worked extra hard to deliver on our promises in creative ways. "Please," "thank you," and "you are appreciated" have been so important this year.

We can teach people a new way of teaching. Even virtual breakout rooms can provide great learning and intimacy. Some of our best learning has happened in "the chat."

Ambiguity is not just an ACGME clinical concept. The entire pandemic was fraught with inconclusion, and standard work became multiple contingencies that changed on a weekly basis.

It was definitely a year defined by our theme of "Always Learning, Always Teaching." At the end of the day, we are proud of what we have accomplished this year!



MISSION

The mission of the Department of Graduate Medical Education (GME) is to advance educational programs that shape and inspire diverse learners through research, innovation, clinical excellence, leadership, and advocacy to improve the health and welfare of all children.

VISION

Committed to creating a culture of excellence in medical education.

VALUES

- Kindness
- Curiosity
- Inclusion
- Team
- Integrity

Department Chairs



Jeanne James, MD, MBA
Senior Vice President; Chair and Professor of Pediatrics, University of Missouri-Kansas City and University of Kansas



Richard M. Schwend, MD, FAAP
Interim Chair, Department of Orthopedics and Musculoskeletal Medicine; Rex L. Diveley Endowed Professor Orthopaedic Research



Robin Onikul, DDS
Chair, Department of Dentistry; Assistant Clinical Professor of Pediatric Dentistry, University of Missouri-Kansas City School of Dentistry



Douglas C. Rivard, DO
Chair, Department of Radiology; Professor of Pediatric Radiology, University of Missouri-Kansas City School of Medicine



Shawn St. Peter, MD
Chair, Department of Surgery; Professor of Pediatric Surgery, University of Missouri-Kansas City School of Medicine



J. Jack Erkmann, DO
Chair, Department of Anesthesiology; Assistant Professor of Anesthesiology, University of Missouri-Kansas City School of Medicine; Clinical Assistant Professor of Anesthesiology, University of Kansas School of Medicine



Eugenio M. Taboada, MD
Chair, Department of Pathology and Laboratory Medicine; Pathologist in Chief and Laboratory Director; Associate Professor of Pediatric Pathology, University of Missouri-Kansas City School of Medicine

Leadership



Paul Kempinski, MD
President and Chief Executive Officer



Robert Lane, MD
Executive Vice President and Physician-in-Chief; Professor of Pediatrics, University of Missouri-Kansas City School of Medicine



Denise Bratcher, DO
Chair, Graduate Medical Education; Designated Institutional Official; Associate Dean and Professor of Pediatrics, University of Missouri-Kansas City School of Medicine



Susan Hathaway, PhD, MAEd
Vice Chair/Administrative Director, Graduate Medical Education; Associate Professor of Pediatrics, University of Missouri-Kansas City School of Medicine

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OVERVIEW

Dr. Denise Bratcher Receives Endowed Chair Appointment

This year's kick-off to Graduate Medical Education month at the February Professor Rounds was made extra special when Rob Lane, MD, MS, Executive Vice President and Physician-in-Chief, invited Denise Bratcher, DO, Medical Chair, Graduate Medical Education, to the front of the room for a surprise announcement.

To a socially-distanced group of Dr. Bratcher's colleagues, friends and family, Dr. Lane announced that Dr. Bratcher will be the inaugural chair holder of the newly established Dr. Sidney F. Pakula Endowed Chair in Graduate Medical Education. This chair was established by the generous donors, Dr. Lawrence Pakula and The Louis H. Gross Foundation, to honor Dr. Sidney F. Pakula, Lawrence Pakula's father, and his incredible legacy of learning at Children's Mercy.

"An endowed chair is the highest academic award that one can achieve—it is an incredible honor to be the named holder of the appointment and an enduring tribute to the donor who establishes it," said Dr. Lane. "As you know, in medicine, education is one of the most powerful tools we have to bring advanced care and healing to the patients we serve. This important endowed chair position will help to foster a world-class training program that inspires the next generation of talented young health care providers and elevates the level of pediatric care available to children and families in our community."

Dedicated Leadership with a Passion for Education

Dr. Bratcher's deep experience as a faculty leader and educator makes her a perfect fit for this appointment.

Prior to becoming the Chair of Graduate Medical Education, Dr. Bratcher spent 10 years leading the Children's Mercy Pediatric Residency Program, where she achieved a 100% board pass rate during her last two years. This demonstrates Dr. Bratcher's commitment to giving her trainees the support and tools they need to succeed. In addition, when asked, they have described her as inspirational, compassionate, loyal, dedicated and caring.

At each step of her career, Dr. Bratcher has been awarded the highest honors for medical educators—winning the Darrow Award as a resident, a Fellow Teaching Award as a fellow, the coveted Scagliotti Award as the best Pediatric Teacher of the year and in 2013, she received the Department of Pediatrics' Award for Excellence in Program Development. With this appointment, Dr. Bratcher will be able to leverage her vast experience and commitment to education to support and attract future providers to our Children's Mercy community.

"Denise is a wonderful administrative partner who can uniquely balance compassion with integrity and excellence! She practices her values so consistently that I can almost always know exactly where she is going to land on any challenge that we are dealing with. I can't think of a more deserving individual to receive this endowed chair position," said Susan Hathaway, PhD, MAEd, Vice Chair/Administrative Director, Graduate Medical Education.

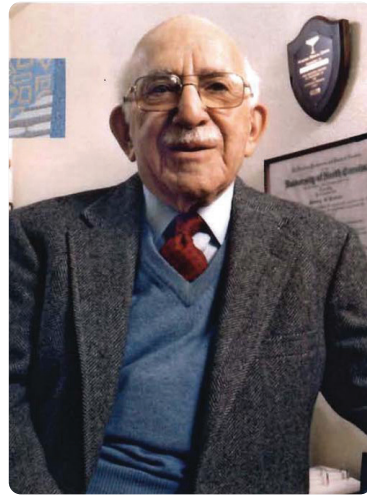


Denise Bratcher, DO

Medical Chair, Graduate Medical Education;
Dr. Sidney F. Pakula Endowed Chair in Graduate Medical Education

Honoring a Proud Legacy of Learning

Dr. Sidney Pakula was one of the hospital's first medical residents. Working with Dr. Herbert Wenner, he authored an important study of the medical staff and teaching faculty during a pivotal and challenging time in the hospital's history. What followed was the hiring of the hospital's first medical director and the important work of restoring full accreditation of Children's Mercy as a teaching hospital. Dr. Pakula went on to private practice as a pediatrician, taking care of several generations of children in Kansas City who affectionately thought of him as "their doctor." In 1971, Dr. Pakula returned to Children's Mercy full time in ambulatory pediatrics, teaching at the University of Missouri-Kansas City School of Medicine and offering sage advice to medical students and staff.



Dr. Pakula's son, Lawrence Pakula, who is retired from John's Hopkins in Baltimore, along with Dr. Pakula's brothers, established the Dr. Sidney F. Pakula Endowed Chair in Graduate Medical Education to honor Dr. Pakula's longstanding commitment to medicine and medical education. He knew a robust graduate medical education program was critically important to a teaching hospital like Children's Mercy, both to attract future doctors to the community and to support the amazing talent who make it the learning hospital of choice that it is today.

Please join us in congratulating Dr. Bratcher and thanking Dr. Lawrence Pakula and The Louis H. Gross Foundation for establishing this important endowed chair.

Vaccination Plan by the Numbers

Employee Vaccinations:

56 mass vaccination clinics over 2.5 months with 250 hours of clinic time.

Community Vaccinations:

21 mass community vaccination clinics over 2 months with 130 clinic hours.

15,107 educators and childcare professionals fully vaccinated through Children's Mercy.

6 major school districts received vaccinations with 3 districts providing facility coordination.

275 individuals vaccinated per hour.

300+ hospital volunteers.

GME Month

The Department of Graduate Medical Education has proclaimed February as GME Month. Our inaugural theme was Always learning. Always teaching! The goals were:

- Raising awareness about GME's impact to the rest of the hospital.
- Thanking individuals within GME for the hard work that they do.
- Elevating skills related to Medical Education.
- Building a sense of community.

Events were scheduled each day to further these goals including appreciation events, Grand Rounds, education-related workshops, and special GME Gives Back events.

Three special events for the month included a Grand Rounds on Diversity in Graduate Medical Education with William McDade, MD, PhD, Chief Diversity & Inclusion Officer, ACGME; a half-day workshop on Academic Educator Essentials; and a faculty evening event on A History of Black Health Care in Kansas City.

GME Gives Back

Throughout the 2020-21 year, GME staff, trainees and faculty gave back to the community. Here are three ways we saw our educational community impacting the Kansas City Community.

Vaccination Roll-Out

Throughout the spring, Children's Mercy worked with local health departments and school districts to vaccinate health care workers, daycare workers, school district employees and children. We started vaccination efforts in December 2020 for employees and added patient vaccinations the following month.

Over 47,000 employees, educators and daycare workers have received vaccinations to date, along with almost 5,500 patients. In total, 52,570 people have gotten at least one dose of COVID-19 vaccine from Children's Mercy. We have some patients still due for their second dose, and some who skipped their second dose (or got it elsewhere), but in general, Children's Mercy has administered about 100,000 Pfizer doses of COVID-19 vaccine since December 2020.

This has been an amazing collaboration with the community, our pharmacists, nurses, physicians and administrators. Children's Mercy educators were frequently seen volunteering at vaccine clinics to protect our community.



Top: Emergency Medicine Faculty member, Robert Schremmer, MD and Pediatric Hospital Medicine fellow, Kristyn Jeffries, MD receive instructions at a COVID mass vaccination event for day care workers.

Bottom: Bioethics Program Director, John Lantos, MD and Global Health Education Medical Director, Jennifer Watts, MD debrief after vaccinating area school employees.

Left: Pediatric Resident, Tim Fretwell, MD, provides vaccines to the public at a mass vaccination clinic at Arrowhead Stadium.

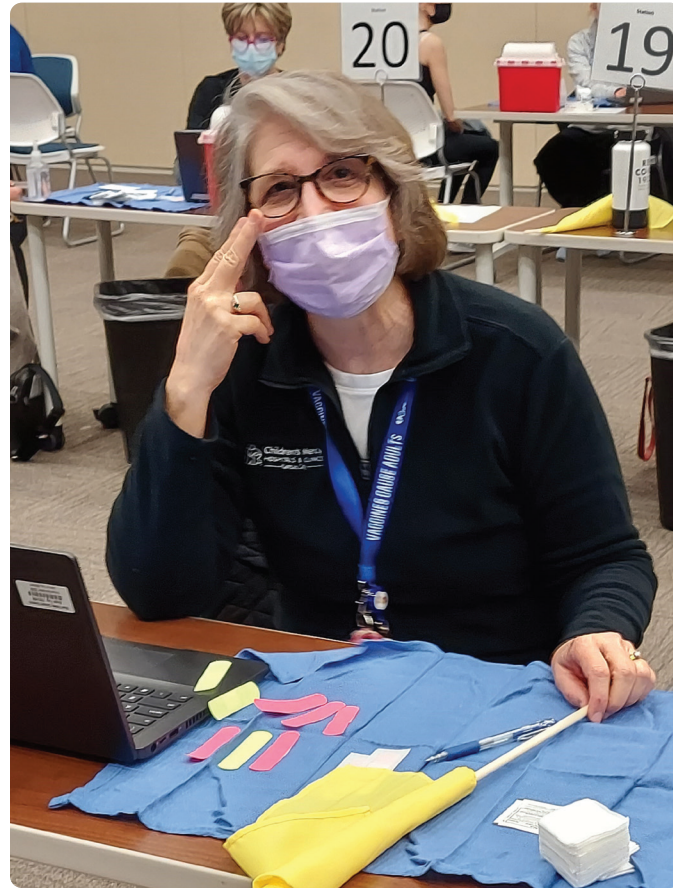
Founders Day

Founders Day, which debuted in October 2020, takes place twice a year in the fall and spring, closely aligned with the birthdays of the hospital’s founders, Katharine Berry Richardson (Sept. 28) and Alice Berry Graham (April 5). This year’s event benefited seven organizations.

- **Boys and Girls Club:** playground maintenance.
- **Habitat for Humanity:** home construction project.
- **Harvesters:** sorting and preparing packages of food for food banks.
- **Heart to Heart:** hygiene kit preparation.
- **Kansas City Parks and Recreation:** park clean-up and beautification.
- **Ronald McDonald House:** garden and grounds clean-up and maintenance.
- **Sheffield Place:** grounds clean-up and maintenance at a transitional housing facility serving mothers and their children.

“Founders Day is the opportunity to give back a portion of what the community so graciously gives to the hospital,” said Marshaun Butler, Vice President, Children’s Mercy. “I am so impressed by our community partners. They are eager to host Children’s Mercy volunteers. While we are there to help them, the partners also share their gratitude for Children’s Mercy and the vital role the hospital plays in keeping the children of our greater community healthy.”

GME staff and trainees participated in activities related to Heart to Heart, Habitat for Humanity and Harvesters. Additionally, several members of GME donated blood on Founders Day.



Above: The pandemic highlighted the need for volunteering for GME Chair, Denise Bratcher, DO.

Right: Residents Clara Hageman, MD, and Sophia Hackman, DO, join program coordinator Jill Edwards, MBA, and others to volunteer at Harvesters for Founders Day.

GME Month Volunteering

As part of our Inaugural GME Month, GME staff and residents were encouraged to volunteer. An organized event included volunteering at Newhouse KC, an 88-bed domestic violence shelter that houses women, men and children in need. They provide an ecosystem of transformative services that lead to safety, self-sufficiency and whole-person healing. In a two-day event, the first for Newhouse since the pandemic struck, GME staff and trainees organized clothing donations for their new store and built children’s furniture and equipment for a newly renovated children’s play space.



“The partners also share their gratitude for Children’s Mercy and the vital role the hospital plays in keeping the children of our greater community healthy.”

– Marshaun Butler, VP, Children’s Mercy.



PEDIATRIC RESIDENCY

60 Seconds of Solidarity Provides Residents with DEI Learning Opportunities

After George Floyd, an African American man, was murdered in May 2020 by a police officer during an arrest, protests against police brutality, especially toward people of color, occurred across the nation, including here in Kansas City.

For the Children's Mercy Graduate Medical Education resident-run Diversity, Equity and Inclusion (DEI) Committee, the incident inspired a brief feature in each issue of the house staff minutes called "60 Seconds of Solidarity."

Zuri Hudson, DO, third-year peds resident and co-chair of the DEI Committee, said the George Floyd incident was the first of many social issues highlighted in the minutes over the past year.

The 60 Seconds of Solidarity features have focused on everything from how COVID-19 is impacting minority communities, to Juneteenth, to the Tokyo Olympics and organizers' plans to incorporate diversity, equity and inclusion in the games.

Each brief feature includes a link for those who want more information. "The cool thing about this is the ripple effect we have created for our other resident-run committees that now are also doing brief updates in the house staff minutes," Dr. Hudson said. For example, the Advocacy Committee now has created the "Advocacy Appetizer."

And though Dr. Hudson is moving on from her role on the DEI Committee, she hopes 60 Seconds of Solidarity will continue to provide insights and situational awareness for the residents that goes beyond clinical care.

"This is just one way we can better understand the things happening in our community, our nation and our world."

– Zuri Hudson, DO, Pediatric Resident

"This is one of my passions," Dr. Hudson said. "As our community and population becomes more diverse, we as physicians have a responsibility to engage in conversation, but first we need to be educated. This is just one way we can keep up with current events and better understand the things happening in our community, our nation and our world."



Ross Newman, DO, MHPE
Program Director



Angie Etzenhouser, MD
Associate Program Director



Emily Killough, MD
Associate Program Director



Danielle Reed, MD
Associate Program Director



After virtual interviews, new interns finally arrive on the Children's Mercy campus to meet each other and their program leadership in person.

Virtual Interviews Improve Access for Residency Applicants

Residency interviews happen every year from fall to winter, and have traditionally been in person. This gives the residency candidates the opportunity to meet program leadership and fellow residents, plus visit the cities where these programs are based.

But with the COVID-19 pandemic at its peak last fall and restrictions on travel, the national recommendation was to shift recruiting interviews from in-person to virtual.

To comply with the recommendations, Ross Newman, DO, MPHE, Residency Program Director, Jill Edwards, MBA, C-TAGME, Senior Residency Coordinator, and the Graduate Medical Education (GME) team, quickly transitioned to a virtual interviewing platform.

"To supplement the virtual interviews, we produced videos for the applicants highlighting the hospital, the program and the city," Dr. Newman said.

The program's Resident Recruitment Committee, made up of second-year residents, also hosted breakout rooms where they discussed topics they felt were important to applicants.

And, of course the program utilized social media, including Instagram, to capture the spirit and personality of the people who work in Graduate Medical Education and at Children's Mercy.

When all was said and done, Dr. Newman and Jill said applicants were attracted to the Children's Mercy program regardless of COVID. "Nationally, the trend was that applicants chose programs that were geographically closer to their current location," Dr. Newman said.

The team also learned there are some advantages to the virtual interview format for the applicants and the program.

"We have always focused on recruiting a diverse group of applicants, but in the past, the cost of travel has meant some applicants couldn't come to Kansas City," Jill said. "The virtual atmosphere removed those travel and budget barriers. From an applicant standpoint, they saved time and money."

From the program's standpoint, Dr. Newman said the initial transition was time-consuming, but once implemented paid off for their team as well. "Conducting interviews virtually also was more efficient for us," he said.

Because COVID has continued, the next round of applicant interviews also will be conducted virtually, but Dr. Newman and Jill said they're up to the task.

"We received universally positive feedback from applicants regarding the interviews this past year. They appreciated how well-organized the process was, and they were able to get a good sense of what our program was all about, even though they couldn't visit us in person," Dr. Newman said.

"Overall, we considered the virtual interviews very successful and we'll continue this process in the future," Dr. Newman added. "It was safe for all involved, complying with COVID restrictions, but most importantly, we filled all our available spots with well-qualified applicants. We're thrilled with the group we recruited from this first virtual interview season!"

Resident's Research Highlights Need for Diversity in Asthma Clinical Trials

Esosa Adah, MD, a third-year resident at Children's Mercy, is working with Bridgette Jones, MD, MSCR, Pediatric Allergy and Immunology, investigating the lack of diversity among minority populations included in asthma research.

"African Americans are nearly 1.5 times more likely to have asthma and three times more likely to die from asthma compared to their white counterparts," Dr. Adah said.

Armed with this knowledge, Dr. Adah analyzed the references used to develop the recently published National Heart, Lung, and Blood Institute Asthma Management Guidelines. The guidelines have an important role in patient care, making evidence-based recommendations for asthma management grounded in the best science available to specialists and primary care providers.

But Dr. Adah's research is looking at the guidelines' references, examining whether they reflect the demographics of patients diagnosed with asthma. Specifically, he is asking whether the following were mentioned in the clinical trials used to develop the guidelines:

- Race/demographics of study subjects.
- What those races/demographics were.
- Percentages of races/demographics included in each study.



Using this analysis, Dr. Adah and Dr. Jones plan to write a manuscript detailing their findings, with their goal being to submit it for presentation at the 2022 American Academy of Allergy, Asthma, and Immunology national meeting.

"During my clinical rotations in the hospital's emergency department and asthma clinic, I've seen a dramatic difference between patients whose asthma is well controlled versus those whose asthma is not, so I know the guidelines are an important tool for clinicians," Dr. Adah said.

But as an African American who is interested in the asthma disparities among minority populations, Dr. Adah hopes this work will raise awareness among researchers that diversity should be an important consideration in clinical investigations.

"Ultimately, our goal is to better represent the patient populations we care for in the research we perform, no matter what the demographics," Dr. Adah said.

Following completion of his residency, Dr. Adah plans to pursue a fellowship in allergy and immunology.



Sosa Adah, MD



Bridgette Jones, MD



INTERNAL MEDICINE/ PEDIATRIC RESIDENCY

Advocacy Project Has Lasting Impact on Community Families

A unique feature of a Children's Mercy residency is the longitudinal advocacy program. Residents who have a strong interest in advocacy or community work apply during their first year of residency. The program typically accepts two residents each year for the advocacy track.

Laura Plencner, MD, and Molly Krager, MD, both inpatient hospitalists, coordinate the required PL2 advocacy rotation. A highlight of the residents' second year is the development of a community advocacy project for those on the Advocacy track.

When she was a PL2, Kris Jones, MD, who has since completed her Internal Medicine/Pediatrics residency, chose to work with a community organization called Mother's Refuge for her advocacy project. This local organization's mission is to shelter and educate homeless, pregnant and parenting young women by providing comprehensive services that empower them to make successful life decisions for themselves and their babies.

To get her project underway, Dr. Jones first met with leadership at Mother's Refuge, asking them what their needs were and how she could help.

"The idea for Dr. Jones' project really came from the organization," Dr. Plencner said. "They identified topics that new parents needed more education and training on, then Dr. Jones created fun educational activities to provide that extra knowledge."

Topics covered included infant nutrition and breastfeeding, safe sleep, colds and respiratory illnesses and vaccinations.

To keep Mother's Refuge participants engaged in learning, Dr. Jones packaged each learning module with interactive content. For example, one module featured a Jeopardy-like game participants could play as they learned, while another focused on myths and truths surrounding vaccines. Dr. Jones conducted each module in person at Mother's Refuge in 2019.

When the pandemic hit, she turned her attention toward packaging the modules so that her successors could return to Mother's Refuge, providing the education to a new group of moms.

"Dr. Jones did an excellent job with her advocacy project," Dr. Plencner said. "She started by asking a community organization what they needed, listened to them and then figured out how she, as a physician, could help fill that need. She also gave a lot of thought to how this project could continue to make an impact after she moved on with her education.

"My hope is that once COVID subsides, our residents will take Dr. Jones' project back to Mother's Refuge during their PL2 advocacy rotation and will continue to share this important information with these moms."



Jacqueline Kitchen, MD, MS
Program Director
Internal Medicine/Pediatrics
Residency



Emily Haury, MD, MHPE
Associate Program Director
Internal Medicine/Pediatrics
Residency



Joseph Julian, MD, MPHTM
Associate Program Director
Internal Medicine/Pediatrics
Residency

FELLOWSHIP PROGRAMS

First Pediatric Emergency Medicine/ Child Abuse Pediatrics Fellow Makes a Difference for Adolescents

Cree Kachelski, MD, Pediatric Fellow, received a two-year, \$6,029 grant from the Ray E. Helfer Society, the primary subspecialty for physicians devoted to the problem of maltreated children. Dr. Kachelski's project, "Building a Better Screen: Medical Care Usage by Adolescents Who Self-reported or Are at High Risk for Commercial Sexual Exploitation as Compared to Low/No-risk Adolescents," hopes to help close the knowledge gap regarding adolescent victims of commercial sexual exploitation of children (CSEC) and how they compare to adolescents in the general population.

There are an estimated 100,000-300,000 CSEC victims sold for sex each year. Of this number, as many as 75% are seen by a medical provider in the six months prior to identification; however, the specifics of their medical presentations, by complaint and location, are not well understood. The project will characterize the location, frequency and reasons for seeking care in these three groups of adolescents. This is a case-control study within a tertiary children's health care system looking at a 12-month period prior to CSEC identification.

"It is imperative to recognize those who may be involved in, or at risk of CSEC in order to provide adequate medical care to address potentially complex needs, as well as help provide safety to prevent future harm," Dr. Kachelski said.

The results of this project have implications for where screening might be effective or most needed. "In order to provide appropriate screening and care, it is important to understand how CSEC victims utilize the medical system compared to appropriately matched controls. Published data shows that trafficking victims seek care for sexually transmitted infections, pregnancy, mental health, pain and injuries. However, there are no control groups in these studies," said Dr. Kachelski.

Current Fellowship Programs

- Academic General Pediatrics
- Adolescent Medicine
- Allergy/Immunology
- Child Abuse Pediatrics
- Child Neurology
- Child Psychology Internship and Fellowship
- Clinical Pharmacology
- Congenital Cardiac Surgery
- Developmental-Behavioral Pediatrics
- Epilepsy
- Headache Medicine
- Hospice and Palliative Care
- Laboratory Genetics and Genomics
- Neonatal-Perinatal Medicine
- Pediatric Anesthesia
- Pediatric Cardiology
- Pediatric Coagulation
- Pediatric Critical Care Medicine
- Pediatric Dentistry
- Pediatric Dermatology
- Pediatric Emergency Medicine
- Pediatric Endocrinology
- Pediatric Ethics
- Pediatric Gastroenterology
- Pediatric Hematology/Oncology
- Pediatric Hospital Medicine
- Pediatric Infectious Diseases
- Pediatric Nephrology
- Pediatric Ophthalmology
- Pediatric Optometry
- Pediatric Orthopedic Surgery
- Pediatric Otolaryngology
- Pediatric Pathology
- Pediatric Pulmonology
- Pediatric Radiology
- Pediatric Rehabilitation
- Pediatric Sports Medicine
- Pediatric Surgery
- Sleep Medicine
- Surgical Critical Care
- Surgical Scholars

Fellows Excel in Child Neurology

Each year, the Executive Committee and the Scientific Program Planning Committee of the Child Neurology Society, congratulates four trainees nationally with the 2020 Outstanding Junior Member Award announced at the Joint ICNC/Annual Child Neurology Society Virtual Meeting held each October. Two of the four awards went to Children’s Mercy trainees. One went to Natalie Katz, MD, PhD, for her work on “Using Artificial Intelligence to Identify Risk Factors for Patient-Reported Functional Outcomes in Patients with Fascioscapulohumeral Muscular Dystrophy (FSHD).” Dr Katz’ work later went on to win top honors at the Children’s Mercy Research Days. She is continuing her subspecialty training as a Fellow in Neuromuscular Medicine and Experimental Therapeutics, University of Rochester Medical Center, Rochester, N.Y. The other award went to Kshama Ojha, MD, an Epilepsy Fellow, for her work on “Neonatal Seizure Burden during Therapeutic Hypothermia.” Dr. Ojha finished her fellowship and has joined the Children’s Mercy faculty.

“Being a part of GME has opened my eyes to the work that goes into being a knowledgeable and compassionate physician.”

– Leslie Ranney, GME Coordinator

Enthusiastic Staff Support Fellowships

Children’s Mercy not only trains physicians to be exceptional pediatricians, but they also offer pediatric subspecialty programs so that those pediatricians can go on to further specialize in an area they feel passionate about. With over 100 fellows in our more than 40 subspecialty programs, coordination is key. GME is fortunate to have eight fellowship coordinators who each manage several of these programs.

“There is a genuine goal in GME where we all share the same dedication to our programs and learners,” said Toni Zaner, Fellowship Coordinator. Along with their role as coordinators, many have interests and involvement in other areas including leadership, education, diversity and research.

Several of our fellowship coordinators are even Training Administrators for Graduate Medical Education (TAGME)-certified, which means they’ve taken the extra step to become experts in graduate medical education—not to mention, they love what they do!

“I love working in GME because I am constantly learning—learning about graduate medical education; how to assist trainees [at all levels], faculty and programs; and how to keep current with changing requirements. Working in GME, I get to work with a diverse group of people throughout the hospital. Being a part of GME has opened my eyes to the work that goes into being a knowledgeable and compassionate physician,” said Leslie Ranney, GME Coordinator and New Innovations expert.



Left: Fellows at Orientation during a brief outside the CMRI.

Right: Hematology/Oncology Fellows Sara McElroy, MD and Chandni Dargan, MD connect in the new CMRI building. Dargan is continuing training as a Clinical Pharmacology fellow.

TWO FOR TWO:

Second Helfer Award given to Children’s Mercy Fellow

Rachel Segal, MD, Pediatric Fellow, received a two-year, \$6,380 grant from the Ray E. Helfer Society. Dr. Segal’s project, “Understanding Home Visitor Attendance at Well-Child Checks: A Qualitative Study,” aims to gather evidence of the effectiveness of home visiting programs.

Home visiting continues to be viewed as an important service that can potentially improve child health and outcomes. Both child maltreatment and overall child health are focal points for nearly all home visiting programs, as the two are inter-related, but evidence regarding the effectiveness of home visiting programs is currently inconsistent.

Promise 1000 is a collective impact home visiting collaborative in the Greater Kansas City Region that includes agencies using multiple home visiting models. A novel approach in home visiting programming is the attendance of a home visitor at well-child checks (WCCs) to provide a more consistent and meaningful link between home visiting and pediatrics.

This research project aims to understand participant perceptions of the benefits and challenges of home visitors attending WCCs with families through qualitative study of focus groups of 1) home visitors, 2) health care providers, and 3) parents. Nested within a larger study measuring quantitative outcomes of home visitors attending WCCs, this qualitative study examines participant perceptions of challenges and benefits to this novel approach.

“Home visiting continues to be viewed as an important service which can potentially improve child health and well-being but clarifying the effectiveness of certain characteristics of home visiting programs is essential,” Dr. Segal said. “These observations will inform process improvements focused on the effectiveness of this novel Promise 1000 practice which aims to improve child health and decrease child maltreatment.”



Cree Kachelski, MD



Natalie Katz, MD, PhD



Kshama Ojha, MD



Rachel Segal, MD



Maria Dycoco, Medical Student Director, announces awards related to medical students at the Annual Graduate Medical Education Awards Ceremony.

MEDICAL STUDENTS

Midwest Regional Pediatric Conference

Because the pandemic stretched into a second spring, the 18th Annual Midwest Regional Pediatric Conference for Medical Students was conducted virtually on Saturday, March 6, 2021. The full-day event included participants from a number of regional medical schools, including:

- Creighton University School of Medicine
- Des Moines University College of Osteopathic Medicine
- Kansas City University College of Osteopathic Medicine
- University of Iowa Carver College of Medicine
- University of Kansas School of Medicine
- University of Missouri-Columbia School of Medicine
- University of Missouri-Kansas City School of Medicine

One hundred three students registered for workshops and sessions geared on pediatric trivia, advocacy, residency, and subspecialty speed dating. "Every session was intentional and faculty/residents were really enthusiastic about being there," said one participant. Additional praise included: "The subspecialty fair was WONDERFUL and helped me (as an M1) gain exposure to fields I may not otherwise have seen until residency."

In keeping with our community-based initiatives this year, instead of a registration fee, participants were encouraged to donate to the Ronald McDonald House near Children's Mercy.

Thank you to Dr. Brian Burghardt!

Brian Burghardt, MD, has done a fabulous job as one of our Associate Directors for Medical Student Education for the last seven years. Dr. Burghardt helped coordinate the outpatient rotation for the clerkship students at the Primary Care Clinic, helped to coordinate our standardized patient simulations, and acted as the faculty adviser for the UMKC Pediatric Interest Group. He mentored the group as they planned monthly meetings and organized the Annual Regional Medical Student Conference, which has been successful in introducing pediatrics and Children's Mercy to medical students throughout the region. Dr. Burghardt also was very active as we navigated through the changes due to the COVID-19 pandemic and how we are now moving forward as our programs are starting to reopen.

Dr. Burghardt has recently been given the opportunity to take on another leadership role as the Medical Director for the Teen Primary Care Clinic at Children's Mercy. Unfortunately, this means that he will no longer be able to continue in his role as the Associate Director for Medical Student Education. Our medical student team and GME would like to deeply thank him for his years of hard work, dedication and the contributions he made to our mission to provide great educational experiences to our medical students.

New Program Coordinator

In December 2020, Holly Frey accepted the position as Children's Mercy Medical Student Coordinator. Ms. Frey has been working with members of the GME team and supporting our learners in General Academic Pediatrics, where she has been working as an Administrative Assistant III since 2014. Former Medical Student Coordinator, April Gerry, transitioned into a new role as a Fellowship Program Coordinator. Thanks to April for her work and congrats and welcome to Holly!



Brian Burghardt, MD, FAAP

Associate Director of Medical Student Education

FACULTY DEVELOPMENT

The Office of Faculty Development (OFD) Innovates to Support Faculty Advancement and Scholarship at Children's Mercy!

The OFD is committed to supporting the professional and personal growth of all faculty members in their academic medicine careers. Serving as a central resource to help faculty actualize their professional potential, OFD is cultivating an academic medicine community that actively engages faculty in their professional growth and fosters support for development of their peers. During the 2020-2021 academic year, OFD's development efforts were focused on creating enhanced mechanisms to support faculty advancement and scholarship virtually in three key areas:

- Virtual structured career progression support.
- New online writing resources for scholarly product generation.
- New virtual professional development opportunities for faculty through the OFD resource catalogue.

Virtual Career Conversations Prove to Be a Success!

During the 2020-2021 academic year, OFD focused on virtually supporting the career progression of Children's Mercy faculty members through structured onboarding and academic promotion programs.

During their first few months, new Children's Mercy faculty are "strongly encouraged" to attend a virtual faculty orientation session and schedule a new faculty 1:1 meeting with OFD directors. Over the past two years, more than 80% of new faculty have participated in a faculty orientation session that detailed available faculty resources, introduced the concept of an "academic home," and provided tips on how to begin preparing from day one to apply for academic promotion when eligible in the next several years. Faculty participating in the onboarding process with OFD have commented that the program "personalized the onboarding experience – I really appreciated it," and made them "feel so welcomed and valued."

As faculty grow in their careers and are interested in pursuing academic promotion, OFD also has invited them to have a personal career strategy conversation and attend promotion workshops with peers who are also applying. In these strategy conversations, faculty reviewed promotion guidelines, how to prepare their

self-assessment, tips to optimize their CV, and how to assess their personal progress toward promotion criteria. Faculty participating in the academic promotion process with OFD have commented that they "feel much more comfortable with the promotion process," and "always leave these meetings feeling encouraged and empowered...thanks for helping so many of us!"

Medical Writing Center Creates New Online Writing Resources

This academic year, OFD and the Medical Writing Center (MWC) created several new online, on-demand writing resources intended to enhance the scholarly productivity of Children's Mercy faculty, trainees and research staff. The new resources appear on the internal MWC Resources webpage, which currently features 12 how-to guides, six videos, and nine templates on a range of topics related to writing in academic medicine, from selecting a target journal to promoting a published work. The latest resources include a "Writing Essentials" video presented by MWC Director Martha Montello, PhD, and templates for composing effective personal statements and cover letters. Several more resources are in production, including how-to guides on making authorship decisions and creating effective tables and figures.

[Continued >>](#)

OFD Offers Online Resource Catalogue

OFD has completed an addition to its internal website that provides online resources and asynchronous educational opportunities. As a central source to help faculty actualize their professional potential, OFD has created a robust, curated catalogue of high-quality multimedia online resources, including polished recordings of live sessions, presentations, handouts and recommended references. OFD launched this new catalogue at the beginning of 2021 and rolled out resources related to communication, equity and diversity, finance and research. OFD will continue to add resources and sessions to the site and has plans to add several educational and professional development resources.

OFD Creates New Development Program to Benefit Rising Faculty Leaders

The Children’s Mercy Faculty Development Scholarship Program was created to develop intentional institutional scholarship pathways that increase and sustain the number of Children’s Mercy faculty members who annually participate in external development programs. This scholarship program provides an opportunity for faculty to participate in external development programs as well as prepare them for leadership roles, gain visibility in their professional field, navigate change, self-advocate and negotiate, and learn strategies that support well-being, resiliency and allyship.

Each year, the Faculty Development Scholarship Program will select competitive national training opportunities with an emphasis on early career, women and minority faculty who are underrepresented in medicine to align with Children’s Mercy faculty demographics. Participants will be nominated and selected (based on criteria) by the Faculty Development Scholarship Committee. Each funded participant is expected to deliver a Post-Attendance Innovation Deliverable. OFD sees this as an opportunity for faculty to recognize ways to look for and pursue opportunities that will help achieve professional goals and career advancement; discover how current challenges can provide opportunities for innovation and career growth; identify approaches to effectively negotiate and advocate for oneself; and describe strategies for self-care that support and encourage a resilient mindset.

OFD Welcomes New Colleagues

Myles Chandler, MS, joined OFD over the pandemic in November 2020 as a Faculty Support Analyst. He is primarily responsible for maintaining faculty data, generating analyses and reports to support faculty-related decisions, and transitioning data and analytic tools to the cloud. Myles was previously a senior research analyst in market research consulting. He has a background in consumer behavior and psychology.

Enam Haddad joined OFD in April 2021 as the Academic Affairs Coordinator. She is primarily responsible for managing all academic affairs-related processes for Children’s Mercy faculty, including initial academic appointments, academic promotion, and onboarding and offboarding processes. Enam was previously a program senior manager for international students at a nonprofit. She has a background in workforce development and higher education administration.



Faculty Angela Myers, MD, MPH and Jen Schuster, MD, MSCI have both participated in and taught courses for OFD. They have also both participated in national programs endorsed by OFD.



The OFD team continues to offer high value programming from their various location at the hospital, throughout town and across the country.

Office of Faculty Development by the Numbers

Individual Faculty Career Progression Sessions:

- 52** new faculty 1:1s
- 105** faculty career conversations

Medical Writing Center Services:

- 105** total document editing requests
 - 4 grants (1 funded v. 3 pending)
 - 51 manuscripts (25 accepted v. 22 pending)
 - 38 personal statements
- 2** consultation requests
- 2** targeted writing workshops
- 126+** mini-didactic page views
- 26** video downloads

Academic Promotion at the University of Missouri-Kansas City School of Medicine:

- 100%** successful applications for 2020 cycle
- 14** professors
- 37** associate professors

Live Development Events:

- 1,811** total Impact Series attendance
 - Micro-sessions (15): 552 attendees
 - Workshops (4): 245 attendees
 - Orientations (2): 68 attendees
 - Faculty Discussions (4): 177 attendees
 - Incubator Series (4): 37 attendees
 - Not-So-Journal Clubs (4): 471 attendees
 - Grant Writing Clubs (4): 53 attendees
 - Networking Events (4): 208 attendees



CONTINUING MEDICAL EDUCATION

New Medical Director for CME and Library Services Team is Named

The Department of Graduate Medical Education is pleased to announce that Fadi Al-Muhaisen, MD, will assume the role of Medical Director of Continuing Medical Education (CME) and Library Services (LS).

Dr. Al-Muhaisen is a Clinical Associate Professor of Pediatrics in the Division of Pediatric Endocrinology. He obtained his medical degree from the Jordan University of Science and Technology and completed his internship and pediatric residency at the Prince Hamzah Hospital, Jordan, and King Hussein Cancer Center, Jordan, respectively, before moving to the U.S. to complete pediatric residency at the University of Arizona program in 2014. He fulfilled his pediatric endocrinology fellowship training at Children's Mercy Hospital in 2017 before assuming his current faculty position in pediatric endocrinology, treating patients from the Children's Mercy—Wichita facility.

He is currently completing a Master's in Business Administration with an interest in health care at Friends University. Dr. Al-Muhaisen's commitment to pediatric education is consistently evident in his work as he received the Outstanding Teaching Award from the KU-Wichita Pediatrics Residency Program in both 2019 and 2020. This passion for education, along with

Dr. Al-Muhaisen's collaborative approach to his work and enthusiastic ability to build relationships throughout Children's Mercy systems, will serve him well in this new role.

Additionally, Amy Hill, MBA, has been promoted to Director of Continuing Medical Education and will be working side by side with Dr. Al Muhaisen. Amy will be assuming the leadership of CME from current manager, Teresa Shepherd, MN, MEd, who will be retiring on June 1, 2022. Amy has been responsible for the acquisition and implementation of our new CME system which will streamline work processes for both the office and physicians. "The Al-Muhaisen/Hill combination promises to be an exciting one," said Susan Hathaway, PhD, Vice Chair. "Both bring enthusiasm and innovation to a field where we need to always be learning, teaching and leading. Teresa has been the consummate collaborative leader in CME for almost 30 years. We thank her greatly, not only for her years of service but also for her succession planning."

The Continuing Medical Education Team also saw the retirement of long-time team member Karen Askew at the end of academic year 2020.



Learning takes place in a lot of different modalities at Children's Mercy.

New Platform makes CME easier for Physicians

The Continuing Medical Education office happily announced a new, web-based platform for physicians to track earned CME! Beginning July 1, 2021, CloudCME became the new “home” for CME records. This move offers many benefits to users, including:

- 24-7 access to your CME records.
- Ability to upload certificates earned outside of Children’s Mercy, allowing for all CME records to be kept in one place.
- Centralized calendar of all CME activities offered at Children’s Mercy.
- Simplified attendance capture and evaluations.
- Mobile app is also available, meaning users can have access to CME calendars, online content, CME transcripts and more.

The team has been working on the acquisition of the program most of the year, balancing current programming with implementation at the same time. Historical data was imported from 2018 – 2021, giving physicians access to all the records they would need to meet their CME reporting requirements. For the staff, the system is automating many of the processes that consumed valuable time.



CME is provided to faculty in a wide range of specialties. Kim Horii, MD (shown here with fellow Maeve Maher, MPH) is a frequent CME speaker on dermatologic issues.

Continuing Medical Education Team Received Accreditation with Commendation

Children’s Mercy has been accredited to provide CME for well over 20 years, achieving accreditation with commendation for the first time in the organization’s history in 2014. In January 2021, Children’s Mercy was again awarded accreditation with commendation (the first organization in Missouri to attempt and receive commendation status under the new criteria). During this interview, the surveyors were impressed with the curriculum offered in the past six years and the engagement of faculty and staff in these activities. The site visitor described the team’s work as “terrific,” “stellar,” “clever” and “excellent.” She said, “As a physician, I have CME envy.” Regarding the team’s innovative approaches, she twice said, “You are doing so many things that I will shamelessly borrow and implement.” Additionally, she appreciated the institution’s structure of organizing medical students (UME), residents and fellows (GME) and CME in a single department to ensure seamless education across the continuum.

Institutions are allowed to choose from a number of criteria to achieve commendation. The Children’s Mercy team has chosen the following criteria:

- Interprofessional teams engaging in planning and delivering of interprofessional CE.
- Collaborating effectively with other organizations to address population health issues.
- Optimizing communication skills of learners.
- Optimizing learners’ technical/procedural skills.
- Engagement by CME providers in scholarly pursuit of research related to the effectiveness of and best practices in CME to support the success of the CME enterprise.
- Continuous professional development of the CME team.

In celebrating the news of the accreditation, Denise Bratcher, DO, Chair, Graduate Medical Education, said, “Our CME team keeps us on the cutting edge in their work and serve as role models, as you can see, for many others striving for this excellence.” Children’s Mercy CEO, Paul Kempinski, MS, FACHE, added his congratulations: “The program you have developed and nurtured is a shining example of greatness here at Children’s Mercy. Congratulations to everyone for your hard work and passion for excellence.”

Continuing Medical Education by the Numbers

In 2020, the Continuing Medical Education Office at Children’s Mercy offered:

- 359** activities
- 930** CME hours

These programs were made available to:

- 10,130** physician participants
- 7,484** non-physician participants
- 17,376** CME hours earned by physicians



Top: Faculty like JB LePichon, MD, PhD serve as resident mentors for the weekly Professor Rounds series offered for CME.

Bottom: CME works with specialties to offer CME for conferences. Shown here are members of the Developmental and Behavioral Pediatrics Team.

LIBRARY SERVICES

While many of the Children's Mercy faculty and staff were working from home last spring, Library Services saw a significant increase in requests for literature searches and article requests.

Increased workload didn't stop there as the team responded to institutional needs by creating a collection of pediatric-specific articles to help identify relevant information as new COVID articles were published at a record pace. They also delivered timely information to Children's Mercy groups working on personal protective equipment (PPE) supply, social distancing, lab testing, staff well-being, working remotely, and more. The Library created two new Spotlight Collections: Diversity, Equity, & Inclusion and The Children's Mercy Berry Institute (leadership and professional development collection).

Despite the pandemic workload, staff members made significant contributions to the institution and their field:

- The Children's Mercy Library was accepted as a member of the Association of Academic Health Sciences Libraries (AAHSL). AAHSL is composed of libraries serving the accredited U.S. and Canadian medical schools and teaching hospitals belonging to or affiliated with the Association of American Medical Colleges (AAMC).
- In May, the Children's Mercy Library team was recognized with the Advocacy Award from the Midcontinental Chapter of the Medical Library Association. The award was given in recognition of the team's work to adapt and innovate during the pandemic.
- In November 2020, they switched to a new ticket system to submit and track Library requests. This made the Library's workflow process more streamlined, saving staff and library users' time.
- In January 2021, they launched a new Library website with better search capability and discoverability of all resources.
- Librarian Heather Steel was awarded The Library Marketing Professional Development Award by the Network of the National Library of Medicine.

SHARE by the Numbers

24,777 full text downloads

2,048 new works

19 new collections

People from **2,085** institutions spanning **169** countries accessed Children's Mercy publications via SHARE.

In the past year, SHARE@Children's Mercy, the Children's Mercy institutional repository, had a complete overhaul.

Library Services by the Numbers

465 literature searches completed for Children's Mercy faculty and staff.

102 searches for clinical teams, helping support patient care.

26 evidence-based practice projects supported.

82 library instructional sessions (individual and group offerings)

5,027 articles aquired from outside our collection for Children's Mercy faculty and staff.

948 articles sent that were requested by other libraries via interlibrary loan.

11,975 visitors to the new website launched in Jan. 2021.

17,335 articles in the Library's collection provided with immediate access.

- Clinical Librarian Keri Swaggart was an author on an American Academy of Allergy, Asthma & Immunology new Peanut Allergy Guideline: scholarlyexchange.childrensmercy.org/papers/2807/.
- In the summer of 2020, the Library took over management responsibilities of the Children's Mercy Archives, working to document the physical artifacts in the collection.
- Katie Dayani, MS was promoted to Director of Library Services.

Fellows and faculty are encouraged to pursue advanced degrees. Tyler Smith, MD, MPH, Academic General Pediatric Program Director, has integrated programs like these into her fellowship curriculum.

PROFESSIONAL DEVELOPMENT

Advanced Degrees and Certifications

Children's Mercy fellows and faculty can take advantage of additional professional development through advanced degrees and certificates at the University of Missouri-Kansas City.

University of Missouri-Kansas City Master of Science in Bioinformatics

The Master of Science in Bioinformatics supports the education of students interested in a career in bioinformatics or clinical research. Graduates master core competencies that allow them to participate in biological research, clinical and population health research, or research to develop innovative information systems. This program equips the next generation of health researchers by emphasizing patient-oriented research in the context of state-of-the-art medical informatics.

University of Missouri-Kansas City Graduate Certificate in Clinical Research

The graduate certificate program in Clinical Research is comprised of the core courses offered in the Master of Curriculum and appeals to fellows of any specialty. The 15-credit hour certificate is derived from the core of the Master of Science in Bioinformatics Clinical Research curriculum and includes the following five courses:

- Biostatistics
- Clinical Research Methods
- Clinical Epidemiology
- Clinical Trials
- Overview of Health Sciences Research

To learn more about the Master of Science in Bioinformatics or the Graduate Certificate in Clinical Research program, visit med.umkc.edu/dbhi.

University of Missouri-Kansas City Graduate Certificate and Master of Health Professions Education

Based on a core curriculum in applied educational research, this 36-credit hour Master of Health Professions Education Program focuses on the development of expertise in teaching, instructional design, program evaluation, assessment, leadership and educational research. The first year of the master's degree is the certificate program. Children's Mercy fellows who accept faculty positions at the hospital following their training will be able to complete the degree after their fellowships end. To learn more about either the Graduate Certificate or Master of Health Professions Education, contact (816) 235-2465.

Bioethics Center Certificate Program

The Children's Mercy Bioethics Center Certificate Program is a nine-month course with an intensive three-day weekend on site at the beginning and end of the course. For the rest of the course, students and faculty discuss assigned readings online and in periodic conference calls and webinars. The program is designed to help students understand common pediatric bioethical issues, including the role of ethics committees, practical techniques in ethics consultation, futility and moral distress, end-of-life decisions, pediatric palliative care, research ethics, biobanking and genetics, enhancement, issues in adolescent medicine and immunization controversies. The focus is exclusively on pediatrics. For additional information on the Bioethics Center Certificate Program, contact the Children's Mercy Bioethics Center at cmhc@cmh.edu.



HONORS AND AWARDS

Nursing Awards

Nursing Unit of the Year Award: 5 Sutherland

Nurse of the Year Award: Lexi Ralph, RN

Advanced Practice Provider of the Year Award:
Delores McKee, MSN, CPNP, NNP-BC

Student Awards

Laura L. Backus, MD, Award for Excellence in Pediatrics:
Margaret Urschler, MD

Christophersen Award for Excellence in Pediatric Psychology/Clinical Child Psychology: Mallory Netz, PhD

Excellence in Predoctoral TL1 Research Training Program:
Brittany Sipp, MS

Resident Awards

Rex L. Dively Excellence in Research and Scholarly Activity Award: Kirsten Norrell, MD

Barbara J. Allphin, MD, Residents as Teachers Awards:
Taylor Van Dam, MD, and Sindhura Pisipati, MD

Kenneth L. Wible, MD, Primary Care Clinic Award:
Sophia Hackman, DO

Clark W. Seely, MD, Award: Hitesh Patel, MD

Hematology/Oncology Award: Zuri Hudson, DO

Jane F. Knapp, MD, Excellence in Pediatric Emergency Medicine Award: Michelle Brown, DO

Pediatric Critical Care Award: Michelle Brown, DO

Edward R. Christophersen, PhD, Excellence in Developmental and Behavioral Pediatrics Award:
Kelsey Zubiaur, MD

Michael B. Sheehan Excellence in Neonatal Medicine Award: Kelly Meyer, MD

Hospital Medicine Award: Kaitlin Wittler, MD

Saggie Alon Research Awards: Natalie Katz, MD, PhD (1st); and Tanner Isaacson, MD (2nd)

Resident Research Days Quality Improvement Award:
Michelle Brown, DO

Professor Rounds Awards: Johana Mejias-Beck, MD (1st); Efua Wilmont, DO (2nd-tie); and Lacey Boshe, MD (2nd-tie)

Mercy Award: Kaitlin Wittler, MD

Daniel C. Darrow, MD, Award: Michelle Brown, DO

Fellow Awards

Fellow Teaching Award: Igor Areinamo, MD

Fellow Research Days Awards: Jonathan Hartley, DO (1st); and Wendy Jo Svetanoff, MD (2nd)

Fellow Quality Award at Research Days:
Kathryn VanderVelde, MD

Fellow Quality Improvement Awards: Cree Kachelski, MD and Bryan Stocker, DO (1st); and Benjamin Hoag, MD, and Cintya Schweisberger, DO (2nd)

Faculty Awards

Pharmacist of the Year Award: Leo Guidry, PharmD

Outstanding Teaching Section Award:
Pediatric Infectious Diseases

Herbert A. Wenner, MD, Medical Student Faculty Award:
Ryan Northup, MD

George W. Holcomb, III – Surgeon-in-Chief Award for Excellence in Teaching: Christian Kaufman, MD

Daniel Scagliotti, MD, Educator of the Year Award:
Stephen Pfeiffer, MD



ACCOMPLISHMENTS



PICU team members received some of our top awards this year. Igor Areinamo, MD received the Fellow Teaching Award for the second year in a row while faculty Stephen Pfeiffer, MD walked away with the Pediatric Teacher of the Year award.

MANUSCRIPTS AND PUBLICATIONS

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Dargan C. Management of a hemispherotomy for Rasmussen encephalitis in a patient with mild factor 10 deficiency and low von Willebrand factor levels. *Haemophilia*. 2021; 00:1-4.

Dekonenko C, **Shah N, Svetanoff WJ, Sobrino JA**, et al. Characterization of pediatric breast abscesses and optimal treatment: A retrospective analysis. *J Surg Res*. 2020 Aug 25;257:195-202.

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Faculty like Jennifer Colombo, MD, MHPE, Program Director for Pediatric Gastroenterology, mentor trainees both clinically and in their scholarship.

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Roberts CM, Sharkey CM, **Bakula DM**, et al. Illness uncertainty longitudinally predicts distress among caregivers of children born with DSD. *Journal of Pediatric Psychology*, Volume 45, Issue 9, Oct 2020, Pages 1053–1062.

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Sharkey CM, Espeleta HC, **Bakula DM**, et al. Psychological adjustment outcomes among pediatric brain tumor survivors: A meta-analysis. *Pediatric Blood and Cancer*. 2020 Oct 1;45(9):1053-1062.

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Singh NS, Grimes J, Gregg GK, et al. "Save the Vein" Initiative in children with CKD: A quality improvement study. *Am J Kidney Dis*. 2021 Jan 7:S0272-6386(20)31196-3.

Svetanoff WJ, Dekonenko C, **Briggs KB**, Fraser JA, Oyetunji TA, St. Peter SD. Are posterior crural stitches necessary in pediatric laparoscopic fundoplication? *J Laparoendosc Adv Surg Tech A*. 2020 Oct 27.

Svetanoff WJ, Dekonenko C, **Briggs KB**, et al. Debunking the myth: What you really need to know about clothing, electronic devices, and surgical site infection. *J Am Coll Surg*. 2021 Jan 13:S1072-7515(21)00008-9.

Studyvin S, Aly D, Kuzava L, et al. Online echocardiography modules for pediatric cardiology fellow. American College of Cardiology, May 2021.

Studyvin S, Kuzava L, Shah S. Constrictive pericarditis after repair of ruptured sinus of Valsalva. American College of Cardiology, May 2021.

Studyvin S. The appeal of asynchronous learning in fellowship and six tips for using it effectively. *Fellows in Training Newsletter Article*, American College of Cardiology, Sep 2020.

Svetanoff WJ, Dorman RM, Dekonenko C, et al. Protocol-driven antibiotic treatment of pediatric empyema after fibrinolysis. *Pediatr Infect Dis J*. 2020 Aug 21.

Synhorst DC, Bettenhausen JL, Hall M, et al. Health care encounter and financial impact of COVID-19 on children's hospitals. *J Hosp Med*. 2021 Mar 8.

Synhorst DC, Hall M, Bettenhausen JL, et al. Observation status stays with low resource use within children's hospitals. *Pediatrics*. 2021 Mar 11:e2020013490.

Synhorst DC, Hall M, Harris M, et al. Hospital observation status and readmission rates. *Pediatrics*. 2020 Oct.

Svetanoff WJ, Ahmed A, Hendrickson RJ, Rentea RM. Neonatal renal failure in the setting of anorectal malformation: A case report and literature review. *Cureus*. 2021 May 12;13(5):e14984. doi: 10.7759/cureus.14984.

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Svetanoff WJ, Kapalu CL, Lopez JJ, **Fraser JA, Briggs KB**, Rentea RM. Psychosocial factors affecting quality of life in patients with anorectal malformation and Hirschsprung disease—a qualitative systematic review. *J Pediatr Surg*. 2021 May 21:S0022-3468(21)00380-8.

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Traino KA, Fisher RS, Basile NB, Edwards CS, **Bakula DM**, et al. Transition readiness and quality of life in adolescent and young adult college students. *Journal of American College Health*. (in press).

Traino KA, Sharkey CM, Perez MN, **Bakula DM**, et al. Health care utilization, transition readiness, and health-related quality of life: A latent class analysis in college students with a chronic medical condition. *Journal of Pediatric Psychology*. (in press).

Tucker MH, Ellis K, Linebarger J. Outcomes following perinatal palliative care consultation: a retrospective review. *J Perinatol*. 2021 Feb 17.

VanderVelde K, Harrison CJ. ID pearls and other gems: Tick time. *American Academy of Pediatrics Section on Infectious Diseases Newsletter*, Spring 2021.

VanderVelde K, Harrison CJ. ID pearls and other gems: Managing invasive group A streptococcus infection and contacts in an era of increasing invasive disease. *American Academy of Pediatrics Section on Hematology/Oncology*, Spring 2021.

Villanueva M, Tabassum Iqbal N, Sharma M. 4-month-old with anemia; ASPHO case Quiz, Dec 2020. <http://aspho.org/knowledge-center/enews/december-2020-enews#casequiz>.

Vyhldal CA, **Chapron BD**, Ahmed A, et al. Effect of Crohn's disease on villous length and CYP3A4 expression in the pediatric small intestine. *Clin Transl Sci*. 2020 Dec 5.



Pediatric residents posing with the 2020 Teacher of the Year recipient Marita Thompson, MD. (center). Residents include Neffiee Terrill-Jones, MD, Nana Efua Wilmot, DO, Alison Adam, MD and Hitesh Patel, MD.



Cardiology fellows Anmol Goyal, MBBS, Amulya Buddhavarapu, MBBS and Bianca Cherestal, MD walking from the Professional Office Building through the Children's Mercy Research Institute to their clinical responsibilities. The Institute was planned this way to help integrate academic, clinical and research work.

Wyatt BH, Raymond TO, **Lansdon LA**, et al. Using an aquatic model, *Xenopus laevis*, to uncover the role of chromodomain 1 in craniofacial disorders. *Genesis*. 2020 Sep 11:e23394.

ORAL PRESENTATIONS

Bakula DM, Goodwin EJ, Smith TR. Educational and medical support: All under one roof: Caring for children with medical complexity across settings. Telehealth ROCKS ECHO program. March 2021,

Bakula DM. *Motivational Interviewing*. Presented to Doctoral course: Health Behavior Counseling, University of Kansas Medical Center, March 2021.

Smith TR, Goodwin EJ, **Bakula DM**. Assistive technology: All under one roof: caring for children with medical complexity across settings. Telehealth ROCKS ECHO program, Feb 2021.

Coleman J, Gerson T. Acute and preventative treatment of pediatric hemiplegic migraine. KU Research Day, June 2021.

Dahl S. Case presentation: 18-month-old female with pancytopenia and prolonged fever (*Leishmaniasis*). Kansas City Infectious Diseases Society, Nov 2020.

Donato J, Oschman A, Kopp M, et al. Educating providers: Timely post-operative pain management in a Level IV NICU. Pediatric Academic Societies, May 2021.

Doswell A. Evaluation of child abuse and neglect. Child Protection Protocol Training for Synergy Services. Parkville, MO. April 2021.

Doswell A. Failure to thrive and obesity. SAFE-CARE Medical-Forensic Training. SAFE-CARE Network (Missouri), Nov 2020.

Doswell A. Medical evaluation of child abuse and neglect. Sunflower House Multidisciplinary Team Orientation. Shawnee, KS, Sept 2020.

Goodwin EJ, **Bakula DM**, Smith TR. Behavioral and mental health support: All under one roof: caring for children with medical complexity across settings. Telehealth ROCKS ECHO program, April 2021.

Goodwin EJ, Smith TR, **Bakula DM**. Preparedness & medical emergencies: All under one roof: caring for children with medical complexity across settings. Telehealth ROCKS ECHO program, Jan 2021.

Hamner M. Case presentation: 15-year-old with back pain, weight loss, and right-sided chest swelling. Kansas City Infectious Diseases Society, Kansas City, KS, Nov 2020.

Hamner M, Nedved A, Austin H, et al. Improving skin and soft tissue infection antibiotic duration concordance with national guidelines in pediatric urgent care clinics. UMKC Vijay Babu Rayudu Quality & Patient Safety Day, May 2021.

Kachelski C, Moffatt M. Peeking around the corners. Ken and Cindy's Wild Ride (interesting case presentation by competitive submission), Helfer Society Annual Meeting, April 2021.

Kachelski C. Adolescent human sex trafficking, identification and screening. National Pediatric Emergency Medicine fellows conference, Denver CO, 2020.

Kachelski C, Hansen J. Forensic Medical Lecture. City of Iola KS, Jan 2021.

Kachelski C. Medical Neglect. Missouri Safe Care, Dec 2020.

Kachelski C, Stocker B, Sharma N, et al. Improving time to antibiotics in open fracture in the Children's Mercy Emergency Department. UMKC Vijay Babu Rayudu Quality & Patient Safety Day, May 2021.

Keahey A. Brief ED intervention to facilitate parent-adolescent sexual health communication. Pediatric Emergency Medicine Fellows National Conference, Feb 2021.

Maher M. Pediatric dermatology in the literature lecture. Ohio State Dermatology Residency, March 2021.

Maher M, Horii K, Newell B, Nopper A, Gannon FE. Diagnostic outcomes from a combined pediatric dermatology-genetics clinic. Chart review. Society for Pediatric Dermatology Annual Meeting, July 2021.

McDermott S. Therapeutic plasma exchange in critically ill pediatric patients with leukemia. American Society of Pediatric Hematology/Oncology, April 2021.

Neuhaus, H. Allergic bronchopulmonary aspergillosis and hypersensitivity pneumonitis. Conference of Online Allergy. University of Missouri Kansas City, Children's Mercy Kansas City, April 2021.

Neuhaus, H. Pediatric severe asthma biologics service: from hospital to home and pediatrician perspectives on symptom presentation and treatment of acute allergic reactions. Journal Club for the Conference of Online Allergy. University of Missouri Kansas City, Children's Mercy Kansas City, March 2021.

Neuhaus, H. Serum sickness and serum sickness-like reactions. Patient Management Conference for the Conference of Online Allergy. University of Missouri Kansas City, Children's Mercy Kansas City, February 2021.

Neuhaus, H. Allergic disorders and the severity of COVID-19 and clinical experience in peanut oral immunotherapy in private practice. Conference of Online Allergy. University of Missouri Kansas City, Children's Mercy Kansas City, Oct 2020.

Neuhaus, H. Inhaled beta-2 agonists. Pharmacology Series for the Conference of Online Allergy. University of Missouri Kansas City, Children's Mercy Kansas City, Nov 2020.

Pitt JD. Journal Club: COVID-19 vaccines. Conferences Online Allergy (<https://www.youtube.com/user/ACAAICOLA/videos>), Feb 2021.

Pitt JD. Practice management conference: Hypereosinophilic Syndromes. Conferences Online Allergy (<https://www.youtube.com/user/ACAAICOLA/videos>), Jan 2021.

Pitt JD. Fever syndromes. Conferences Online Allergy (<https://www.youtube.com/user/ACAAICOLA/videos>), Oct 2020.

Schweisberger C. Transgender identity among adolescents with PCOS. Pediatric Endocrine Society, May 2021.

Slogic M, Edwards S, Glynn E, et al. Characterization of comorbidities in patients with a dual diagnosis of Down Syndrome and autism spectrum disorder. Pediatric Academic Societies, May 2021.

Studyvin S. Updates in preventative pediatric cardiology. The American College of Cardiology Missouri Chapter Annual Update, Nov 2020.

VanderVelde K. Case presentation: A CSF cytology hunt. Kansas City Infectious Diseases Society, Kansas City, KS, Nov 2020.

VanderVelde K, Moffat, Hansen, Kilbride. HPV and HBV in SANE patients. Helfer Society, April 2021.

Wambach K, Nelson EL, Davis AM, **Bakula DM,** et al. momHealth: A randomized controlled trial of a multiple health behavior change mHealth intervention for pregnant and parenting teens. Exploring Emotional, Physical and Social Well-being in Diverse Populations of Pregnant Women Symposium, April 2021.

ABSTRACTS

Barnes K, Adhikari B, Selvarangan R, Harrison CJ, Miller M. Prevalence of mycoplasma genitalium and macrolide resistance in adolescent females receiving care at a pediatric hospital. Pediatric Academic Societies, May 2021.

Buddhavarapu A, Goyal A, Shah S, et al. Challenges in echocardiographic diagnosis of corrected malposition of great arteries: The segmental approach coming handy. American Society of Echocardiography Scientific Sessions, June 2021.

Buddhavarapu A. Longitudinal myocardial function assessment for chemotherapy-related cardiotoxicity and possible association with genetic polymorphism in pediatric population. American Society of Echocardiography Scientific Sessions, June 2021.

Buddhavarapu A, Shirali G, Kaine S, Aly D. Transient tricuspid valvulitis: Another brief casualty of COVID-19 in children. American Society of Echocardiography Scientific Sessions, June 2021.

Buddhavarapu A, Warren M, Erickson L, Mathis C, et al. Correlation between strain and weight status in infants with a univentricular heart BY; American Society of Echocardiography Scientific Sessions, June 2021.

Buddhavarapu A, Mathis C, Gibson W, Shah S. Not-so-apparent mixing lesions: Late presentation of cardioembolic stroke. Complex Clinical Cases, American College of Cardiology Annual Scientific Session, May 2021.



Second year residents take a break from clinical and academic work to participate in a virtual escape room as part of their annual retreat. This team didn't win but they had fun trying!

Cherestal B, Aly D. Congenital mitral valve regurgitation: The dilemma of repair versus replacement. Complex Clinical Cases, American College of Cardiology Annual Scientific Session, May 2021.

Cochran T. Role of therapeutic apheresis in treatment of intrahepatic cholestasis in pediatric sickle cell disease. American Society for Apheresis Conference, May 2021.

Dargan C. A study examining the safety and efficacy of ferric carboxymaltose in a large pediatric cohort. The American Society of Pediatric Hematology/Oncology, April 2021.

Dargan C. Levofloxacin versus ciprofloxacin prophylaxis in pediatric cancer patients at a high-risk of infection. The American Society of Pediatric Hematology/Oncology, April 2021.

Dargan C, McDermott S, Chesbro S, Fulbright J. Standardization of fertility preservation discussion amongst pediatric oncology and bone marrow transplant patients. Annual American Society of Clinical Oncology (ASCO) conference, June 2021.

Donato J. Extreme prematurity: Perinatal management, outcomes and approach on the brink of viability. Decision Making for Optimal Care and Outcomes, Regional Neonatal Conference, Sept 2020.

Donato J, Terrill-Jones N, Sherman A, et al. Multimodal pain control in common neonatal surgeries: Post-operative pain protocol reduces opiate exposure and side effects. Pediatric Academic Societies, May 2021.

Dunne K. Gamification: Engaging trainees using play to practice managing high-risk but low frequency situations. Society for Academic Emergency Medicine, May 2021.

Fornander M, Moser C, Egan A, Roberts T. BMI and associated variables in a pediatric gender clinic sample. Pediatric Academic Societies, May 2021.

Goyal A., Buddhavarapu A, Simpson K, et al. Longitudinal analysis of myocardial function using strain in patients receiving cardiotoxic chemotherapy. American Society of Echocardiography Scientific Sessions, June 2021.

Greathouse AD, Zlomke KR. (2020, October). Parent-child interaction therapy for children with Autism Spectrum Disorder: A randomized controlled trial. Nevada Association for Behavior Analysis Annual Convention, October 2020.

Hamner M. Antibiotic durations for skin and soft tissue infections in pediatric urgent care clinics, St. Jude/PIDS Conference, March 2021.

Hamner M, Nedved A, Austin H, et al. Antibiotic durations for skin and soft tissue infections in pediatric urgent care clinics. Pediatric Academic Societies, May 2021.

Higgerson K, Dargan C, Bartholomew J, Gamis A. Posterior reversible encephalopathy syndrome after dinutuximab. American Society of Pediatric Hematology Oncology, April 2021.

Hoag BD, Knoll MM, Paprocki EL. Hyperglycemic hyperosmolar state during the global COVID-19 pandemic. Pediatric Endocrine Society, March 2021.

Hoag BD, Schweisberger CL, Thompson JC, Okah AY. Turner Syndrome guideline compliance quality improvement initiative. UMKC Vijay Babu Rayudu Quality & Patient Safety Day, May 2021.

Hoag BD, Tsai SJ, William DD, Cernich JT. Evaluation of Turner Syndrome international consensus guideline compliance in multiple subspecialty clinics versus a coordinated multidisciplinary clinic format. Endocrine Society, March 2021.

Hoag BD, Tsai SJ, William DD, Cernich JT. Transition readiness in Turner Syndrome: Determining areas for targeted improvement. 12th Annual Virtual Healthcare Transition Research Consortium, Oct 2020.

Hoag BD, Tsai SJ, William DD, Cernich JT. Transition readiness in Turner Syndrome: Years of known diagnosis and years of age. Pediatric Endocrine Society, April 2020.

Jeng H. Hypercalcemia in an infant with Pseudohypoadosteronism Type 1. Endocrine Society, March 2021.

Kachelski C, Stocker B, Sharma N, et al. Improving time to antibiotics in open fractures in the Children's Mercy Emergency Department. American College of Surgeons National Conference, July 2021.

Kantor L, Ahart E, Hitchcock S, Mabry T, Twist K. Physician advocacy: Defining and implementing into practice. MO AAP Early Career Virtual Poster Session, Nov 2020.

Katz N. Use of artificial intelligence to identify predictors of functional outcomes in patients with facioscapulohumeral muscular dystrophy. Joint ICNC/Child Neurology Society, Oct 2020.

Kaur P, Chevalier R, Friesen C, et al. The role of fractionated exhaled nitric oxide (FeNO) in eosinophilic esophagitis and the relationship with downstream eosinophils, North American Society for Pediatric Gastroenterology and Nutrition, 2020.

Kaur P, Issa A. Thromboprophylaxis in pediatric inflammatory bowel disease, North American Society for Pediatric Gastroenterology and Nutrition, and UMKC Vijay Babu Rayudu Quality and Patient Safety Day, 2020.

Knoll MM. Do males with 45,X/46,XY mosaicism have Turner Syndrome? Pediatric Endocrine Society, May 2021

Knoll MM. Pediatrics residents' attitudes and beliefs in the care of transgender youth. Pediatric Endocrine Society, May 2021.

Kurland Y, Hubbard D, Pallott, EK. Learning from the past: A novel approach to reducing unplanned extubations in the neonatal ICU. Pediatric Academic Societies, May 2021.

Lansdon L, Cadieux-Dion M, Yoo B, et al. Many clinical laboratories performing next-generation sequencing have no future plans to migrate to GRCh38. American College of Medical Genetics, April 2021.

Madan N, Aly D, **Buddhavarapu A,** Forsha D. (2021). Impact of obesity on global longitudinal strain in the pediatric single ventricle Fontan population. American Society of Echocardiography Scientific Sessions, June 2021.

Maloy C, DePorre A, Adams E, Olson J, Hunley A, Weidemann D. A SMARTer way to round. Pediatric Academic Societies, May 2021.

Mathis C, Shah S. General cardiac potpourri. Kansas Chapter American Academy of Pediatrics Progress in Pediatrics. Oct 2020.

McCarty KL, Myers D, Sharma M. Hematopoietic stem cell transplant as a novel approach to triosephosphate isomerase deficiency. American Society of Pediatric Hematology Oncology Conference, April 2021.

McDermott S, Dargan C, Dominguez Gonzalez E, et al. Therapeutic plasma exchange in critically ill pediatric patients with leukemia. The American Society of Pediatric Hematology/Oncology, April 2021.

McDermott S, Farooqi MS, Saeed A, Yoo B, **Farrow EG,** et al. Germline variants associated with cancer predisposition and bone marrow failure are common in KMT2A-r infant acute lymphoblastic leukemia patients. American Society of Hematology/Oncology, Dec 2020.

McElroy S, Myers GD, Flatt T. A pediatric case of treatment-related myelodysplastic syndrome while on therapy for Pre-B ALL. The American Society of Pediatric Hematology/Oncology, April 2021.

Meilak K, Kennedy C. Simulation-based clinical systems testing of a pediatric ED to improve staff and process readiness for pediatric hypoglycemia. Pediatric Academic Societies, May 2021.

Morgan, TL, Roberts CM, Traino KA, **Bakula DM,** et al. Illness stigma, health anxiety, illness intrusiveness, and depressive symptoms in adolescents and young adults: A path model. Society of Pediatric Psychology Annual Conference, April 2021.

Morgans HA, Gregg G, El Feghaly R, Cisneros R, Weidemann D. A systematic approach to improving metabolic acidosis in patients with Stage 3-5 CKD in the nephrology clinic at UMKC Vijay Babu Rayudu Quality & Patient Safety Day, May 2020.

Morgans HA, Gregg G, El Feghaly R, Cisneros R, Weidemann D. Improving metabolic acidosis in patients with chronic kidney disease. Society of Nephrology, Oct 2020.

Morgans HA, VanSickle J, Schaefer F, Warady B. Association between ESA dose and blood pressure in pediatric patients on dialysis. Pediatric Academic Societies, May 2021.

Munguia V, **Wee E,** Huckabee M. This poop won't come out. Pediatric Hospital Medicine Virtual Conference. July 2020.

Ojha K. Neonatal seizure burden during therapeutic hypothermia. Joint ICNC/Child Neurology Society, Oct 2020.

Pontiff K, Canty G, Harvey B. Running on empty. American Medical Society for Sports Medicine Annual Meeting, April 2021.

Raza F, Yeh HW, Lantos JD, Connelly M, Sullivant S. Rates of positive suicide screens among the emergency, inpatient and outpatient clinics at a tertiary care children's hospital. Pediatric Academic Societies, May 2021.

Roberts T, Egan A, **Fornander M,** Moser C. Gender dysphoria, general well-being, BMI, and weight-related behaviors among adolescent transgender males. Pediatric Academic Societies, May 2021.

Scheurich J, Christofferson J, Black W, Hoffart C, Wallace D. Psychosocial functioning of parents of youth receiving intensive interdisciplinary pain treatment. Annual Convention of the American Psychological Association, San Diego, CA, Aug 2021.

Schweisberger C. HbA1c as a surrogate for dysglycemia in polycystic ovary syndrome (PCOS). Pediatric Endocrine Society, May 2021.

Schweisberger C. Hyperglycemia requiring insulin among patients with hemophagocytic lymphohistiocytosis. Endocrine Society, March 2021.

Schweisberger C. Intra-individual testosterone variability challenges the diagnostic process in adolescents with PCOS. Androgen Excess and Polycystic Ovary Syndrome Society, Nov 2020.

Schweisberger C. Metreleptin and metformin use in an infant with congenital generalized lipodystrophy secondary to AGPAT2 mutation. Endocrine Society, March 2021.

Studyvin S. Constrictive pericarditis after repair of a ruptured sinus of valsalva. Complex Clinical Cases, American College of Cardiology Annual Scientific Session, May 2021.

Studyvin S. Online echocardiography modules for pediatric cardiology fellows. Complex Clinical Cases, American College of Cardiology Annual Scientific Session, May 2021.

Swanson C, Kreisler K, Montgomery E. Increasing access to dental care and telehealth for refugee populations. Spring Kansas AAP Progress in Pediatrics.

Taha A, Akangire G, Noel-MacDonnell, Willis T, Manimtim W. Impact of early tracheostomy on neurodevelopmental outcome of infants with severe bronchopulmonary dysplasia exposed to postnatal steroids. Pediatric Academic Societies, May 2021.

Taha A, Akangire G, Noel-MacDonnell J, Willis Y, Manimtim W. Impact of early tracheostomy on neurodevelopmental outcome of infants with severe bronchopulmonary dysplasia exposed to postnatal steroids. Perinatal & Developmental Medicine Symposium/AAP-Section on Neonatal-Perinatal Medicine, June 2021.

Tucker MH, Yeh HW, Oh D, et al. Pulmonary severity score as a measure of sepsis-induced acute lung injury in preterm infants. Pediatric Academic Societies, May 2021.

Tucker MH, Yeh HW, Oh D, and Sampath, V. C-reactive protein values to predict sepsis-induced inflammatory response in premature infants. Pediatric Academic Societies, May 2021.

Tucker MH, Menden H, Xia S, Yu W, Rajee N, and Sampath V. Recurrent neonatal herpes simplex virus infection associated with IRF7 and UNC93B1 variants. Pediatric Academic Societies, May 2021.

RESEARCH DAY ORAL PRESENTATIONS

Abella M, Hall M, Gooding HC, et al. Prevalence of adolescent sexual health outcomes at children's hospitals during COVID-19.

Areinamo I, Miller J, Thompson M, Finnsdottir Wagner A. A new paradigm: ECMO therapy in pediatric hematology/oncology patients.

Arends G, Sharma N, Dubey V, **Dillman S**. Educational impact of supervising fellow visits in the Emergency Department.

Brown M, Brunner S, Gilbert A, Benton T, Tieves K, Wallisch JS. Local implementation and standardization of the pediatric severe traumatic brain injury guidelines.

Donato J, Younger D, Palmer R, Smith D, Oschmann A, Kopp M, Reavey D, Pallotto E. Educating providers: Timely post-operative pain management in a Level IV neonatal intensive care unit (NICU).

Donato J, Terrill-Jones N, Sherman AK, Teachout W, Prince S, Lewis T. Multimodal pain control in common neonatal surgeries: Post-operative pain protocol reduces opiate exposure and side effects.

Fraser JA, Briggs KB, Svetanoff WJ, St. Peter SD. Long-term outcomes and satisfaction rates after costal cartilage resection for slipping rib syndrome.

Hartley J, Synhorst D. Financial outcomes of high-flow nasal cannula use for bronchiolitis on the general pediatric floor across children's hospitals.

Horton D, Burrell T, Moffatt M, et al. Evaluation of the hypothesis that viral meningitis is a mimic of abusive head trauma.

Hudson Z, Olaiya O, Bilynsky E, Yeh HW, Carpenter S. Bleeding disorder referrals to hematology clinic: A single institution experience.

Isaacson T. IV amiodarone vs. IV sotalol use in postoperative junctional ectopic tachycardia (JET): A randomized study.

Katz N, Hohan J, Cernik C, Delbango R, Statland JM. Use of artificial intelligence to identify predictors of functional outcomes in patients with facioscapulohumeral muscular dystrophy.

Maloy C, DePorre A, Adams E, et al. SMART Rounding: development of a nurse-driven rounding checklist as a sustainable intervention for improved care communication.

McDermott S, Farooqi MS, Saeed A, Yoo B, **Farrow EG**, Miller N, Brown PA, Guest E. Germline variants associated with cancer predisposition and bone marrow failure are common in KMT2A-r infant acute lymphoblastic leukemia patients.

Meilak K, Kennedy C. Simulation based clinical systems testing of a pediatric ED to improve staff and process readiness for pediatric hypoglycemia.

Qian C, Greathouse D, Nadler C. Factors associated with suicide screenings for an autism spectrum disorder population in a pediatric medical setting.

Scheurich J, Christofferson J, Black W, Hoffart C, Wallace D. Emotional and social functioning of parents of youth presenting for intensive interdisciplinary pain treatment.

Svetanoff WJ, Briggs KS, Fraser JA, Lopez JJ, et al. The power of outpatient botulinum injections in preventing Hirschsprung associated enterocolitis.

VanderVelde K, Schuster J, Myers A. Improving the approach to fellowship trainee feedback.

VanderVelde K, Goldman J. Optimization of perioperative prophylaxis in penicillin-allergic labeled patients.

RESEARCH DAY POSTER PRESENTATIONS

Adah E, Nguyen M, Rajee N, Harris J, Slowik V. TNFAIP3: Evolving clinical picture from autoinflammatory syndrome to autoimmune lymphoproliferative syndrome.

Areinamo A, Miller J. Pediatric pulmonary artery aneurysms causing pulmonary hemorrhage: A case of transcatheter intervention while on VA ECMO support.

Barnes K, Adhikari B, Sherman A, Selvarangan R, Harrison C, Miller M. Prevalence of Mycoplasma genitalium and macrolide resistance in adolescent females receiving care at a pediatric hospital.

Bates C, Palotto IK, Moore RM, Fornander MJ, Covitz LM, Dreyer Gillette M. Changes in family functioning during the first year of pediatric cancer treatment: A mixed-method pilot study

Biggerstaff S, Richardson T, Markham J, Winer J. Impact of high-flow nasal cannula on resource utilization in bronchiolitis.

Briggs KB, Dekonenko C, **Svetanoff WJ, Fraser JA**, et al. Infliximab as rescue therapy in pediatric severe colitis.

Briggs KB, Fraser JA, Svetanoff WJ, et al. Pre-hospital traumatic cardiopulmonary arrest in children at a Level 1 pediatric trauma center.

Briggs KB, Fraser JA, Svetanoff WJ, et al. Reconsidering perioperative antibiotic use in elective laparoscopic cholecystectomy.

Briggs KB, Dekonenko C, **Fraser JA, Svetanoff WJ**, et al. Refining the optimal first treatment for pediatric breast abscesses.

Briggs KB, Svetanoff WJ, Fraser JA, et al. Setting a threshold for discharge antibiotics in children with perforated appendicitis: A study update.

Buddhavarapu A, Mathis C, Gibson W, Shah S. Not-so-apparent mixing lesions: Late presentation of cardioembolic stroke.

Cadieux-Dion M, Farrow EG, Welsh H et al. Phenotypic characterization of JARID2-related intellectual disability: A case series.

Carlson A, Akangire G, Begley, Lachica C, Manimtim W. Functional outcomes of infants with Chiari II malformation with tracheostomy and home ventilator dependence.

Cherestal B, Aly D. Congenital mitral valve regurgitation, the dilemma of repair vs. replacement.

Dargan C, Simon D, Noel-MacDonnell J, Sharma M. A study examining the safety and efficacy of ferric carboxylmatose in a large pediatric cohort.

Dargan C, Bartholomew J, **Johnson A**, et al. Levofloxacin versus ciprofloxacin prophylaxis in pediatric cancer patients at high risk of infection.

Dargan C. Patients: A single institution experience.

Dargan C, McDermott S, Chesbro S, Fulbright JM. Standardization of fertility preservation discussion amongst pediatric oncology and bone marrow transplant.

Fite J, Robinson A, Sien M, et al. Portable low field strength MRI: Preliminary experience in neonates and children.

Fornander M, Roberts T, Egan AM, Moser C. BMI and associated variables in a pediatric general clinic sample.

Fornander M, Bates CR, Dreyer-Gillette ML. Impact of COVID-19 on families with a child in cancer treatment.

Fraser JA, Choi P, **Briggs KB**, Fraser JD. Efficacy of pediatric surgery mobile application for general surgery residents.

Fraser JA, Briggs KB, Svetanoff WJ, Attard T, Oyetunji TA. Evaluation of a symptom-based algorithm for managing battery ingestions in children.

Fraser JA, Briggs KB, Svetanoff WJ, Oyetunji TA. Umbilical access in laparoscopic surgery in infants less than 3 months: Single institution retrospective study.

Goodson R, Nadler C, Wagner J, et al. Pharmacogenetic testing in patients with autism spectrum disorder evaluated in the Children's Mercy GOLDILOKs® Clinic.

Goyal A, Malloy-Walton L, Follansbee C. Atrial standstill in a pediatric patient with SCN5A mutation following procainamide challenge.

Goyal A, Pinnick K, France R, Kiaffas M. Prenatal diagnosis of an uncommon form of a hypoplastic left heart syndrome variant.

Goyal A, Struempfer J, Samrany A, et al. Standardized point-of-care ultrasound (POCUS) set-up for cardiac evaluation during COVID-19 pandemic in a pediatric population.

Goyal A, Pinnick K, France R, Kiaffas M. Tricuspid atresia with totally anomalous pulmonary venous connection: An uncommon finding.

Hackman S, Hudson Z, McCarty K, Oliveros C, et al. Instagram as a tool to enhance virtual recruitment in the era of COVID-19.

Hamner M, Nedved A, Austin H, et al. Antibiotic durations for skin and soft tissue infections in pediatric urgent care clinics.

Higgerson K, Dargan C, Bartholomew J, Gamis A. Posterior reversible encephalopathy syndrome after dinutuximab.

Hoag B, Knoll M, Staggs V, Paprocki E. A case series of hyperglycemic hyperosmolar state during the global COVID-19 pandemic.

Horton D, Killough E, Moffatt M. Medical neglect: Trends in reporting practices and patient characteristics.

Issa A, Friesen C, Edwards J, Edwards S. Esophageal, gastric, and duodenal histologic findings in patients with feeding difficulties.

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Top: Fellows interact with one of two therapy dogs at Children's Mercy
Bottom: Bianca Cherestal, MD, views an echo of one of her patients.

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In addition to trainee scholarship, GME faculty and staff contributed to the field of medical education with the following scholarship:

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Fast Facts FY20

Inpatient Care

Admissions	14,644
Average Length of Stay	6.8
Average Daily Census	253.3

Inpatient Average Daily Census

Medical – Surgical	123.7
Neonatal Intensive Care Unit	74.6
Pediatric Intensive Care Unit	39.6
Fetal Health Center	2.3

Specialty Clinic Visits

Adele Hall Campus	135,552
CM Hospital Kansas Campus	41,180
CM College Blvd.	20,703
CM Northland	16,409
CM East	8,203
CM Blue Valley	2,651
CM Broadway	35,636
Primary Care Clinics	55,776
Outreach Clinics	28,246
Total Clinic Visits	545,137

Emergency/Urgent Care Visits

Adele Hall Campus Emergency Room	62,427
CM Hospital Kansas Emergency Room	34,359
CM Blue Valley Urgent Care	24,357
CM East Urgent Care	28,998
CM Northland Urgent Care	29,105
Total Emergency/Urgent Care Visits	92,651

Surgical Procedures

Inpatient	4,255
Outpatient	13,660
Total Surgical Procedures	13,660

Employees 7,378



Pediatric Hematology/Oncology fellows learning on the floors and in clinic.

For more information

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Adele Hall Campus
2401 Gillham Road
Kansas City, MO 64108

Phone: (816) 234-3000
Fax: (816) 855-1948

 childrensmercy.org/GME

 [@cmpediatricsresidency](https://www.instagram.com/cmpediatricsresidency)



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