



2022-23

# GRADUATE MEDICAL EDUCATION ANNUAL REPORT





Children's Mercy

#### **OUR PURPOSE**

The purpose 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.

#### **OUR PROMISE**

Committed to creating a culture of excellence in medical education.

#### **OUR VALUES**

Kindness, Curiosity, Inclusion, Team, Integrity.



## DEPARTMENT CHAIRS



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# OVERVIEW

## Denise Bratcher, DO, Receives Kansas City University Alumnus of the Year Award



There are few greater examples of the ripple effect of medical education than Denise Bratcher, DO, Designated Institutional Official, and the Dr. Sidney F. Pakula Endowed Chair in Graduate Medical Education. It's no surprise, then, that she was named the 2023 Alumnus of the Year by Kansas City University (KCU), where she attended medical school. Below are some excerpts from the nomination letter submitted by John Wagner, DO, a fellow alum from KCU:

"On behalf of the hundreds of faculty members and former pediatric residents at Children's Mercy, I am honored to nominate Denise Bratcher, DO (KCU '86), as the 2023 KCU Alumnus of the Year. As a native of Liberty, Missouri, Dr. Bratcher has been the embodiment of a homegrown talent. ... Dr. Bratcher was single-handedly responsible for the dramatic growth of our small-to-medium-sized pediatric training program to one of the largest pediatrics programs. ... Despite the exceedingly large class size, Dr. Bratcher always knew each resident by name, their family members' names, hobbies, interests, talents, etc. I have never had someone in leadership care about trainees as much as Dr. Bratcher. ... She is truly a trailblazer for the osteopathic community in academic medicine and pediatric academic medicine."

Congratulations to Dr. Bratcher!

**I think about all the trainees that come through and the collective influence they can have on child health. It can be both daunting and addictive to think about how big of an impact we can make.**

— Denise Bratcher, DO

## It's a Match!

### RESEARCH LEARNER PORTAL PAIRS STUDENTS WITH EXPERIENCED CM FACULTY

When Kevin Thomas, a second-year medical student at UMKC, wanted to enhance his hands-on research skills, he found a match with Children's Mercy Research Institute's John Perry, PhD, Doctoral Research Faculty-Hematology/Oncology/BMT, through the hospital's Research Learner Portal.

Undergraduate, graduate and professional students interested in working with Children's Mercy researchers can submit their information using the portal to be linked with Children's Mercy faculty.

"I had done some research on ovarian and pancreatic cancer in high school, really enjoyed it, and knew I wanted to do some sort of oncology-related research," Kevin said. "But finding research opportunities is hard. Everybody's busy and has tight schedules."

Kevin searched online and completed the form he found on Children's Mercy's Research Learner Portal.

"The hospital reached out to me, said Dr. Perry was available and asked if I would like to meet with him," Kevin said. "I was ecstatic! We started communicating, and I also talked with two other senior researchers about the projects they were working on and future projects they have planned. I was hooked! I was immediately ready to join."

Kevin said working with Dr. Perry's team has enhanced his understanding of subjects such as flow cytometry (a lab test used to analyze characteristics of cells or particles); T-cells (white blood cells of the immune system); and lentivirus (retroviruses that cause chronic and deadly diseases).

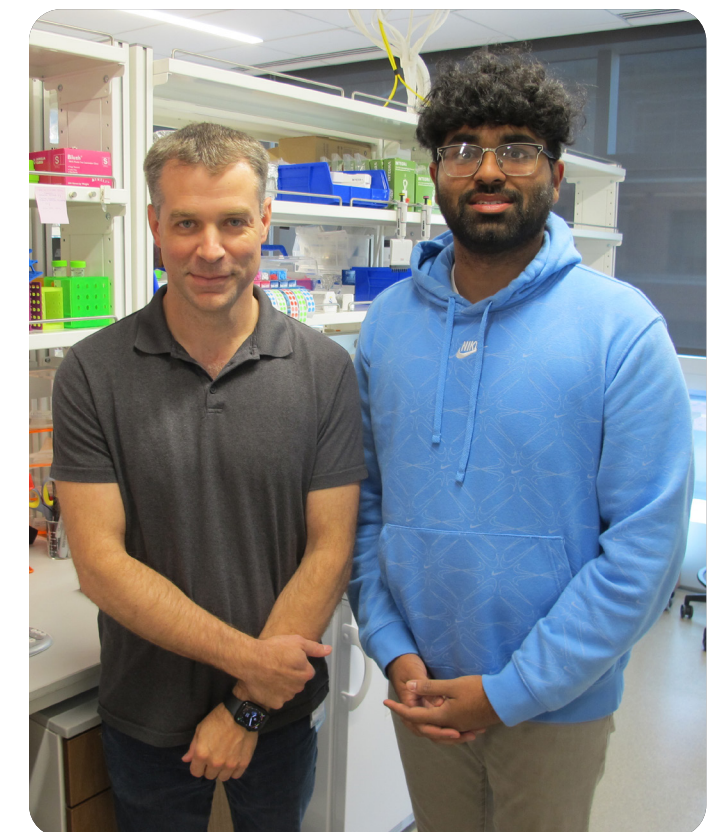
"I've been able to expand what I already had learned in the lab, from basic culturing techniques to more advanced things that I had never even heard of before I came here," Kevin said.

Dr. Perry said when GME Coordinator Anna Moody contacted him about the possibility of taking on a research learner, "Based on Kevin's background, I said, 'Sure, why not?' He had done some work in immunology, and although we are more of a stem cell and cancer (especially leukemia)-focused lab, there was some alignment with his goals and our work."

"It's been mutually beneficial," Dr. Perry added. "We get an extra pair of hands to get some things done, and he gets to have lab experience and mentorship from people in our lab and myself. Hopefully we can further his career development in the long run. Helping to train the next generation is super important to me. Hopefully we can prepare a good set of people to do bigger and better things than we've done."

Both Kevin and Dr. Perry said they would encourage learners and faculty to participate in the program.

"I feel blessed to have this opportunity to come into the lab and gain valuable experience," Kevin said.



John Perry, PhD, and Research Learner Kevin Thomas in Dr. Perry's CMRI Lab.



Dr. Uché Blackstock shares her story at a DEI-focused Grand Rounds.

## Uché Blackstock, MD, visits Children’s Mercy

In honor of Black History Month and National Women’s Physicians Day, Children’s Mercy hosted a special Grand Rounds on Thursday, Feb. 23 on Racial Equity in Healthcare featuring Uché Blackstock, MD, Founder and CEO of Advancing Health Equity.

Dr. Blackstock is a physician, thought leader and sought-after speaker on bias and racism in medicine and health care. Dr. Blackstock founded Advancing Health Equity in 2019 with the goal of partnering with health care organizations to dismantle racism in health care and to close the gap in racial health inequities.

In 2019, Dr. Blackstock was recognized by Forbes magazine as one of “10 Diversity and Inclusion Trailblazers You Need to Get Familiar With.” In 2020, she was one of 31 inaugural leaders awarded an unrestricted grant for her advocacy work from the Black Voices for Black Justice Fund. Dr. Blackstock has received numerous awards and honors, including the American Medical Women’s Association’s 2021 Presidential Award, the 2021 Harvard Humanist of the Year, and the NAACP Brooklyn Chapter’s 2022 Valiant Service Award. Dr. Blackstock and her sister, also a physician, were raised by a black physician mother.

Dr. Blackstock’s writing, including numerous op-eds, has been featured in the Chicago Tribune, Scientific American, The Washington Post and New York Magazine. In April 2021, she became an exclusive medical contributor for MSNBC and NBC News. She is a former associate professor in the Department of Emergency Medicine and the former faculty director for recruitment, retention and inclusion in the Office of Diversity Affairs at NYU School of Medicine.

These experiences uniquely qualified her to discuss structural racism and how it has impacted black physicians.

While the percentage of physicians who are black in the U.S. only increased 4 percentage points over the past 120 years, there continue to be barriers to success in the field of medicine. Blackstock went on to describe the income gap between white and black physicians and how black women physicians have historically reported unethical treatment, dismissal and invalidation all rooted in structural racism and racial stereotyping.

Following the didactic presentation, Dr. Blackstock answered questions from viewers.

## Kim Vipond, LCSW, LSCSW, and Hunter join GME team!

In August 2022, the Center for Wellbeing and Graduate Medical Education announced that Kim Vipond, LCSW, LSCSW, had accepted the position of Program Manager in the Center for Wellbeing. Kim is a licensed clinical social worker who has been part of the Children’s Mercy community for 14 years, serving in both front-line and leadership positions.

Along with supporting the current scope of services offered through the Center, Kim dedicates 50% of her time to wellbeing programming and support of our residents and fellows. She has worked in close collaboration with GME and program leadership over the past year on several new initiatives including:

- Monthly wellbeing theme/topic
- Wellbeing activities during GME Month
- Monthly Art in Medicine activities
- In Training Exam goodie bags during testing
- 1:1 staff support
- Intern orientation
- R.S.V.P (Resource.Support.Validation.Person Centered) sessions with the interns
- Wellbeing presentation to the fellows
- Wellbeing on Wheels (WOW) Cart
- Semi-Monthly Coffee Cart
- Workroom Walks on the inpatient floors with Hunter once a month

Hunter, a Children’s Mercy facility dog, was born Feb. 2, 2014, and he began working at Children’s Mercy in June 2015. This was six years after Kim’s arrival, but he has been at CM longer if you count Hunter’s time in dog years! Hunter originally spent time with patients and families in the Hematology/Oncology inpatient unit, helping patients achieve treatment goals. He now works part-time and has become an honorary member of the GME staff along with his handler.

Children’s Mercy’s facility dogs provide comfort, motivation and smiles to our patients and families. Our dogs are born and raised at a nonprofit organization called Canine Assistants Inc. in Milton, Georgia. Their special training and calming presence make them a paw-fect match for our program.



**I don’t know how we got so lucky to get someone like Kim on our team. She has integrated seamlessly in our program.**

— Ross Newman, DO

Valued Staff Member Hunter greets July Jean Cuevas, MD, at a Program Director Workshop.

# PEDIATRIC RESIDENCY

## Residency Prepares for Launch of X+Y Curriculum

During the 2022-23 academic year, the Pediatric Residency worked on a transition plan to an “X+Y” master schedule. In X+Y, residents rotate in four-week X block on core ACGME rotation experiences that are followed by one-week Y experiences that focus on continuity clinic and other longitudinal experiences in residency. The classes are divided into five cohorts with a rolling schedule of 1/5 of the residents on a Y week. One of the many benefits of X+Y is that residents are not pulled from their X rotations for continuity clinic and therefore are committed to their rotations all day. There are significant benefits of X+Y: Each resident’s personal X+Y master schedule has much more balance than the traditional master schedule with more intense experiences balanced more evenly with slower weeks throughout the year.

X rotations include experiences like general inpatient, critical care, neonatology, hematology/oncology, emergency medicine, infectious diseases and electives, etc. The rolling nature of the schedule

means there is always someone on the team from the week before. However, it did require creative scheduling and lots of communication among the residency program, the clinical divisions and other units that rotate learners. The extra uninterrupted time on these rotations creates more opportunity for residents to learn from our high volume. Residents also will not miss out on an unusual case because they are expected in clinic that day.

The Y weeks include longitudinal experiences in continuity clinic, developmental and behavioral pediatrics, adolescent medicine, advocacy, career development, research/QI, and procedures, among others. Residents spend at least four half days in clinic each week.

Ross Newman, DO, applauded the current residents’ growth mindset during the transition and explained the rationale of the change:

“We have been extremely deliberate in using X+Y to take advantage of the significant benefits to you. At the same time, we remain responsible for your

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Moving to X+Y involved a lot of planning and a bit of puzzle making, too!

individual success and ensuring you graduate from this program as an outstanding pediatrician. This includes utilizing X+Y to meet our residency program ‘true north’ pillars that you: 1. See lots of patients. 2. Be available to learn from experts. 3. Independently study.”

In a post-interview survey of applicants who applied to the program in 2022-23, 75% responded favorably to the residency’s plans to move to X+Y.

- “I think moving to X+Y will be beneficial for the residents, especially for mental health and wellness.”
- “I ADORE that you guys are moving toward X+Y; that is a huge plus in my mind!”
- “Happy and excited to hear about the change, as I know this will implement some natural slower time for residents to catch up on normal life things.”

These comments echo those of the current residents as well.

**X + Y wasn’t the only great work our leadership was working on. Chief Resident Zuri Hudson, DO, and Lori Kubicki, RN received the Team Member Safety Hero Award for their work on the Security Threat action plans across the hospital.**



Ross Newman, DO, MHPE  
Program Director

Angie Etzenhouser, MD  
Associate Program Director

Emily Killough, MD  
Associate Program Director

Danielle Reed, MD  
Associate Program Director

## As the Global Pandemic Wanes, the Global Health Program Surges

### INTERNATIONAL ELECTIVES RETURN

In 2020, two things happened to disrupt the growing Global Health program that had been established for many years by Jennifer Watts, MD. The first was a volcano erupting in the Philippines that resulted in residents being sent home early from their Global Health International Elective. The next was a global pandemic. As the world has opened back up after three years, the Global Health International Elective is available again, and the Global Health Program overall is growing.

In the 2022-23 academic year, seven of eight of the Global Health Track residents participated in a Global Health International Elective. Funds from the Medical Staff Executive Council were used for scholarships to support these rotations. Additional information about a few of these experiences can be found in other sections of the Annual Report.

### LEADERSHIP TRANSITION

While international travel was not possible during the height of the pandemic, the Global Health Track remained quite active. Ryan Northup, MD, moved from Associate Director to Director of Global Health Education and identified Kourtney Bettinger, MD, of the University of Kansas as Associate Director for Global Health. Together, they have worked with former Global Health Coordinator Jill Edwards and Current Coordinator Shelby Kaup to codify the experiences in the track and received formal Graduate Medical Education Committee (GMEC) designation. The track is the first at Children's Mercy to receive this designation at the beginning of AY 2023. The leadership team has also tapped into the experience and expertise of Anik Patel, MD, former CM Pediatric Resident, who returned to CM after a two-year Global Health Fellowship to complete a fellowship in Pediatric Emergency Medicine.

### VISIT BY DR. MANUEL GONZALEZ

In late May and early June, Children's Mercy and the Global Health team coordinated with the Orthopedic Surgery Department to host Dr. Manuel Gonzalez, head of the Orthopedic and Trauma program and the Medical Director of Hospitalito Atitlán. Located on the shores of Lake Atitlán in the small town of Santiago, Guatemala, Hospitalito has been an international partner to Children's Mercy since 2019. In advance of his visit, Hospitalito gave several examples of needed clinical training, specifically surrounding the need to screen, identify and treat developmental dysplasia of the hip and to experience different surgical and nonsurgical interventions in the repair of club foot.

Dr. Gonzalez co-presented a Grand Rounds presentation entitled "Beyond Borders: Pursuing Equity Through Bidirectionality" with Director of Global Health Dr. Northup; PEM fellow and Global Health leader Dr. Patel; and graduating pediatric resident and Global Health track member Jess Boerner, MD.

With a special guest in town, it was a great opportunity to resume the Global Health Program's "Cultural Nights." Global Health residents and leadership and others met for an informal dinner and journal club at Dr. Bettinger's house for traditional Central American food. Second-year pediatric resident Ali Fowler, MD, and Manager of Culture and Language Coaching Francisco "Paco" Martinez, MA, discussed a Children's Mercy-published study on common cultural health beliefs. Participants also heard anecdotes from Dr. Gonzalez about the cultural beliefs of his own patients in Guatemala.

The Global Health team wants to particularly thank the Orthopedics faculty and leaders and to give a special thank you to Alicia Ponte, Senior Medical Interpreter.



Dr. Manuel Gonzales joins CHiCoS residents and others at Culture Night

### BIDIRECTIONALITY IN GLOBAL HEALTH EDUCATION

The Children's Mercy Global Health program is based on the principle of bidirectionality and mutual benefit. One example of resource investment in the spirit of bidirectionality was demonstrated by the Children's Mercy Neonatology division for Hospitalito Atitlán. In Guatemala, there's a shortage of accredited nurses who speak Mayan languages in the lake region, leading to frequent discrimination against indigenous populations. This translates to lower access to health care for the population of Sololá in a native language, which results in worse health outcomes. The closest nursing school is more than two hours away, and travel and inscription fees can be cost-prohibitive. Seeing this need, Hospitalito Atitlán will be opening a nursing school called Escuela Privada Maya de Auxiliar de Enfermería starting in 2024, the first accredited auxiliary nursing school in Sololá. While many resources are still needed, the Neonatology division was able to loan several unused infant manikins to the nursing school, as these models are required for final accreditation.



Residents do not need to travel for a little culture. Resident Tomara Spiess, MD, with her husband and Paul Rudd at Big Slick!

# INTERNAL MEDICINE/ PEDIATRICS RESIDENCY

## Jennifer Paumen, MD, Med/Peds Resident, Visits Hospital San Pedro in San Pedro La Laguna, Guatemala

When Dr. Jenni Paumen left for Guatemala on a Global Health rotation in April 2023, she hoped to experience different cultures and health care systems to help better care for patients from diverse backgrounds and advance her Spanish proficiency. She also became another thread weaving a relationship between Children’s Mercy and the small towns that surround Lake Atitlán, inhabited primarily by indigenous Mayan populations. While there, she participated in cultural activities, learned about traditional medicine, and stayed with a local family in San Pedro. Through Community Spanish School, she practiced her Spanish language skills.

Dr. Paumen’s primary objective was to learn about the health care system of Guatemala, including the challenges and strengths, but she was also focused on specific global health issues: infant/child health, women’s health, maternal and neonatal mortality, and preventive care. The Global Health track provided the knowledge for navigating global health experiences, and a Guatemala Healthcare Assessment provided an overview of Guatemalan health care. Being in Guatemala gave her a close-up look at both clinical practice and traditional medicine. She worked with a local general physician who saw acute illnesses,

I would love to continue to incorporate global health into my career, both abroad and locally.

— Jennifer Paumen, MD

chronic conditions, traveler’s illnesses, emergencies, pre-op evals and deliveries.

The Guatemalan Civil War has had lasting impacts, and private hospitals can be cost-prohibitive. Hospital San Pedro is a private hospital for the Lake Atitlán region, and access to care, cost, health education, transportation and health perceptions all impact health care.

A key learning objective in global health training is providing effective health care that understands traditional beliefs and customs. In Guatemala, traditional medicine plays a role in patient care and patient health-related beliefs, and more than 70% of infants are delivered at home with a traditional midwife.



Jennifer Paumen, MD, travelling in Guatemala.



**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

Left: Internal Medicine/Pediatrics residents and program directors



## Megan Carroll, MD, Returns to Kenya

When third-year Medicine/Pediatrics resident Megan Carroll, MD, went to Moi Teaching and Referral Hospital in Eldoret, Kenya, in fall 2022 as part of the Global Health Track, it wasn't her first time. She first experienced Eldoret as a fourth-year medical student. Now a resident, she had a strong desire to translate her Medicine/Pediatrics training into a global health experience and enhance her interest in medical education and training, especially within different health care systems around the world.

Her goals for this trip included:

- Explore tools necessary to optimize health care in low-resource settings.
- Improve professional and cultural humility in caring for patients of various socioeconomic and ethnic backgrounds and recognize how those factors play a role in social determinants of health.
- Better understand the global burden of disease and identify especially vulnerable populations.

From Dr. Carroll's perspective, "Successful Global Health initiatives focus on sustainable practices, cultural awareness and exchange of knowledge."

Kenyan culture is rich in community and hospitality, yet financial burden and health care literacy remain constant barriers in health care access for many patients. Community outreach is a crucial component to engaging the general public's negative perception of the medical system. Dr. Carroll had access to the inpatient ward/teaching teams at Moi Teaching and Referral Hospital as well as general pediatrics at Shoe4Africa. She also spent time with the hospital's pediatric cardiologist in the cardiac ICU, which matches her future aspirations to pursue a career in Pediatric/Adult Congenital Cardiology and address global disparities in access to subspecialists.

**In embracing cultural humility, I made meaningful connections with both my patients and Kenyan colleagues and immersed myself in the country's rich culture and traditions.**

— Megan Carroll, MD



Dr. Megan Carroll returns to Moi Teaching and Referral Hospital in Eldoret

## Internal Medicine/Pediatrics Residents Raise Awareness about Diversity and Social Determinants of Health

### CATCH GRANT

Jennifer Paumen, MD, has continued her CATCH grant project called Supporting Families Impacted by ACEs (adverse childhood experiences). She received the CATCH grant last year for the project, which takes place at the University Health Med-Peds clinic. Dr. Paumen has implemented ACEs screening for all families with infants and collaborated with several community organizations to connect families to extra support as needed. Under her leadership, the Med-Peds clinic is also screening for social determinants of health needs and provides resources as indicated. Family surveys are being conducted to determine which parental supports are most beneficial.

The American Academy of Pediatrics' Community Access to Child Health (CATCH) grants support the advancement of the health of all children through physicians' collaborations with their communities.

CATCH is a national grant program of the American Academy of Pediatrics that supports pediatricians to lead community-based initiatives to improve child health and increase access to health care. CATCH supports pediatric residents in being leaders in community-based advocacy programs through competitively awarded CATCH grants. Children's Mercy has a history of successfully applying for and receiving CATCH grants.

### ONGOING EDUCATION ABOUT DEI TOPICS

Understanding social determinants of health falls under the umbrella of diversity, equity and inclusion (DEI) topics taught in GME programs.

Phil Jurasinski, DO, MPH, MSN, is contributing to this understanding by championing DEI topics related to pediatrics in both the Pediatrics and Medicine/Pediatrics Housestaff meetings. Topics have included presenting information about physicians of color and highlighting contributions of those who have worked locally and nationally to improve the health of children. Education during special awareness months like Asian Awareness and Pacific Islander Heritage Month, National Hispanic Heritage Month, etc., have added to each program's cultural competency. Additionally, topics related to our most vulnerable populations and their care have been discussed.



Jennifer Pauman, MD.

# FELLOWSHIP PROGRAM

## Jane Knapp, MD, Gives Back to Fund Future Generations of Pediatric Emergency Medicine Leaders

Jane Knapp, MD, believes in giving back to the places and programs that have helped her learn, grow and flourish in her life and career. In keeping with this philosophy, she has given \$25,000 to the Children's Mercy Hospital Foundation to create the Legacy Endowment in Pediatric Emergency Medicine. This endowed fund will provide supplemental support for fellowship training, education and research. The annual endowment distribution will be split among the fellowships that include training in pediatric emergency medicine (PEM).

William A. Anderson, MD, trained in both pediatrics at Children's Mercy Kansas City and emergency medicine at Truman Medical Center (now University Health). As the Chief of Emergency Medicine at Children's Mercy, he conceived a new fellowship in PEM that would combine the skills of both specialties into a sub-specialty in the emergency care of children.

In 1981, he started the PEM fellowship training program at Children's Mercy and invited Dr. Knapp to become the first fellow. Little did they know at that time that another fellowship in PEM had simultaneously started at the Children's Hospital of Philadelphia and that these two fellowships would be known as the first two-year fellowships in PEM in the United States.

In 1983, Dr. Knapp completed her fellowship and became the new Chief of PEM at Children's Mercy. One of Dr. Knapp's primary goals was to keep the fellowship alive and growing. Forty years later, the PEM Fellowship remains one of the oldest in the United States and has trained more than 85 physicians who provide emergency care for children across the country and internationally. These PEM fellows have become accomplished researchers, leaders in national professional organizations, innovators in new programs in emergency medicine, and outstanding educators for the next generation of physicians in the care of ill and injured children. This is a legacy they share with pride. Dr. Knapp's goal with establishing this endowment is to provide financial resources for fellowship training and to help ensure its enduring success. This gift is given to honor, enrich and ensure the legacy of one of the oldest and most respected PEM fellowships in the United States on the occasion of the 40th anniversary of the graduation of the first fellow.

**Legacies should not be planned. Rather they should reflect accomplishments viewed through the lens of time.**

— Jane Knapp, MD

### CURRENT FELLOWSHIP PROGRAMS

- Academic General Pediatrics
- Adolescent Medicine
- Allergy/Immunology
- Child Abuse Pediatrics
- Child Neurology
- Child Psychology Internship and Fellowship
- Clinical Neuropsychology
- Congenital Cardiac Surgery
- Developmental-Behavioral Pediatrics
- Epilepsy
- Headache Medicine
- Hospice and Palliative Care (with KU)
- Laboratory Genetics and Genomics
- Neonatal-Perinatal Medicine
- Non-Invasive Cardiac Imaging
- Pediatric and Adolescent Gynecology
- Pediatric Anesthesia
- Pediatric Cardiology
- Pediatric Clinical Pharmacology
- Pediatric Coagulation Medicine
- Pediatric Critical Care Medicine
- Pediatric Dentistry
- Pediatric Dermatology
- Pediatric Emergency Medicine
- Pediatric Emergency Medicine/Child Abuse Pediatrics
- 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 Plastic Surgery
- Pediatric Pulmonology
- Pediatric Radiology
- Pediatric Rehabilitation Medicine
- Pediatric Sports Medicine
- Pediatric Surgery
- Sleep Medicine
- Surgical Critical Care
- Surgical Scholars



Anna Nelson, MD, works with her Program Director, Joti Sharma, MD, and colleagues in the NICU.

## Fellowship and Residency Alumna April McNeill Johnson, MD, Receives NIH Grant

As a consequence of her PEM fellowship at Children's Mercy, **April McNeill-Johnson, MD**, a former CM resident and fellow, is poised to impact a patient population frequently forgotten and left behind.

Dr. McNeill-Johnson was recently awarded a two-year, \$375,319 KL2 Mentored Career Development Award from the National Center for Advancing Translational Sciences (part of the National Institutes of Health), via a subaward from The University of Kansas Medical Center.

Dr. McNeill-Johnson's "Improving Sexual and Reproductive Health Care in the Juvenile Detention Center" will provide critical insight to understand current sexual and reproductive health (SRH) practices within juvenile detention or correction facilities (JDCF) and unmet SRH needs among detainees.

She explains there is a critical need to comprehensively assess barriers and facilitators to SRH care in JDCFs. Challenges to general health care for adolescents in JDCFs are well-documented and include recruitment of health care providers, security concerns, tight daily schedules, and adolescent perceptions. However, barriers to SRH care have not

been well-documented in the JDCF setting, resulting in a knowledge gap that limits effective SRH care.

The research team will assess current SRH care practices in JDCFs, identify key barriers and facilitators to care, and assess SRH needs of detainees. Research data will be used to create SexHealth-JD, an evidence-based, computerized SRH intervention created specifically for juvenile detention centers.

The research builds on her team's success in improving adolescent SRH health service uptake with SexHealth, the computerized SRH intervention used with adolescents in the pediatric emergency department.

**This study is an integral step toward sexual and reproductive health equity for detained teens.**

— April McNeill-Johnson, MD

## Jeremy Stewart, MD, Peds GI Fellow, Joins Team to Improve Education at National Level

If you work in pediatric gastroenterology, you pay attention to what the North American Society for Pediatric Gastroenterology, Hepatology & Nutrition (NASPGHAN) is doing. But **Jeremy Stewart, MD**, 2023 fellow, was not content just listening. He wanted to shape the educational content being published by NASPGHAN. After joining the Fellows Committee in 2022 (which includes fellows from the United States, Mexico and Canada), Dr. Stewart noticed that some of the educational topics were not as useful as others and there was not consistency or standardization across content.

The chair of the committee approached Stewart with a fellow-driven idea for a new educational platform for which they were seeking funding, but they needed someone who could help put educational materials together. Stewart joined two fellows from California, a couple on the East Coast, and a few colleagues from the Midwest, all from different institutions, to meet at least monthly to design educational materials.

The goal was to provide a tool kit of educational materials for pediatric GI faculty to teach medical students, residents and general pediatricians with

relevant 10-15 interactive PowerPoint slides of quick hits that can be taught in 15 to 20 minutes. The team of fellows consulted faculty and fellowship leaders across the country to determine what topics should be included.

"What are topics that pediatricians and residents really want to know about? When do they need to refer to GI?" explains Dr. Stewart. "I think that's the connection to purpose ... to leave pediatricians and residents with ... a general understanding of what we're doing and why we do what we do, but also what they can do in the meantime while they're waiting for those referrals."

Dr. Stewart was highly involved in the development of the inflammatory bowel disease (IBD) educational content, as he also sits on the NASPGHAN IBD Committee.

The final step in the process will be to get the NASPGHAN seal of approval on the content to publish their case-based, evidence-based education. In the meantime, the organization has standardized the existing education to make it easier to use.

**Our goal is to help pediatricians be very confident in their management of GI care and knowing when to refer.**

— Jeremy Stewart, MD



**Left:** Residents and fellows enjoying free tickets to BIG SLICK!, which raised \$3.5 million for cancer research in one night.

**Right:** Pediatric Pathology APD Sultan Habeebu, MD, PhD, and former fellow-now faculty, Emily O'Donnell, MD.



# MEDICAL STUDENTS

## Children's Mercy Pediatric Education for Medical Students

Children's Mercy Kansas City is the host site for the University of Missouri-Kansas City School of Medicine Pediatric Clerkship. Clerkship students also rotate through the NICU at University Health. Course instructors are Clerkship Director Maria Dycoco, MD, and Associate Directors Chris Veit, MD, and Emily Goodwin, MD.

### Clerkship Program Highlights

- Competencies of our program align with the six competencies of the school of medicine.
- Teaching methods include orientation, patient presentations on rounds, progress notes, role modeling, observation, student presentations, CLIPP cases, conferences, chief resident report, teaching sessions, formal observation of H&Ps and workshops.
- Assessment methods include written assessment, daily feedback forms, formative assessment by residents and faculty after direct observation, NBME exam, CLEX journal and review of medical student written patient documentation.

Additionally, Children's Mercy hosts all University of Kansas medical students for two to four weeks of their eight-week pediatric clerkship and experiences for Kansas City University students who are interested in pediatrics as a career. Approximately 500 to 600 medical students rotate through Children's Mercy for clerkship, elective or research experiences.



Medical Student Leadership Chris Veit, MD, Maria Dycoco, MD, and Emily Goodwin, MD.

## Annual Midwest Regional Pediatric Conference

The 20th Annual Midwest Regional Pediatric Conference for Medical Students was conducted in person on Saturday, March 4, 2023. The full-day event included participants from a number of regional medical schools, including:

- Kansas City University College of Osteopathic Medicine
- University of Kansas School of Medicine
- University of Missouri-Kansas City School of Medicine

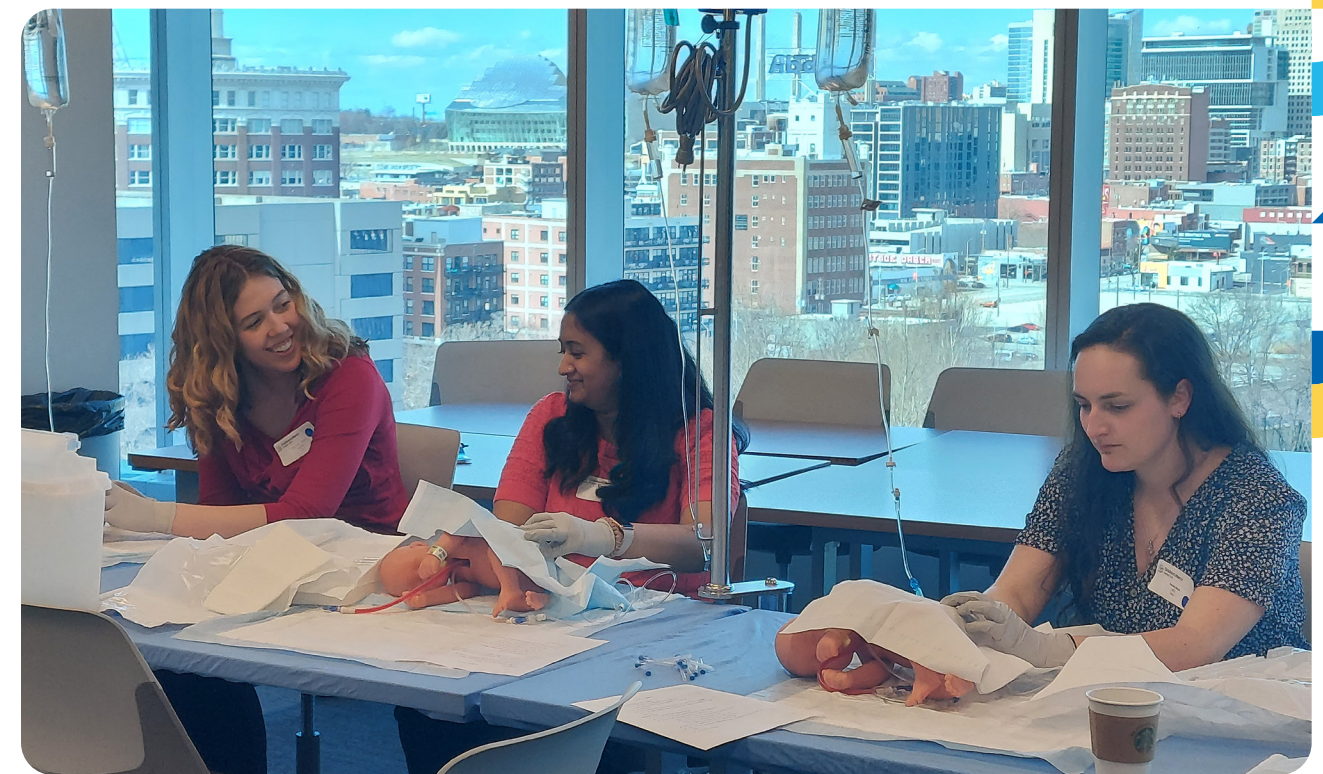
Panelists included residents:

- Zoe Hildreth, MD (Gen Peds)
- Maya Gibson, MD (Gen Peds)
- Jessica Boerner, MD (Gen Peds)
- Ronald Palmen, MD (Med-Peds)
- Justin Coogle, MD (Child Neuro)

And faculty:

- Jessica Neuhart, MD (Pediatric Hospitalist)
- Lovya George, MD (NEO)
- Jennifer Goldman, MD (Peds ID)
- Jennifer McBride, MD (Med-Peds)
- Ryan Northup, MD (Gen Peds)

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



Regional Medical Students participating in a skills lab at the Children's Mercy Research Institute.

# OFFICE OF FACULTY DEVELOPMENT

## CONNECTING TO PURPOSE

### Romina Barral, MD's Testimonial from Faculty Development Scholarship

Romina Barral, MD, MSCR, a physician in Adolescent Medicine, was one of the first to participate in the Children's Mercy Faculty Development Scholarship Program, which the Office of Faculty Development launched in 2022.

The Faculty Development Scholarship Program was created to increase and sustain the number of faculty who attend external training programs each year. The program annually selects competitive national training opportunities with an emphasis on early career, women and underrepresented in medicine minority faculty to align with Children's Mercy faculty demographics.

Dr. Barral received a scholarship to participate in the Association of American Medical Colleges (AAMC) Mid-Career Minority Faculty Leadership Seminar in 2022. Since attending the AAMC seminar, she has become the chair of the diversity committee for a professional society in her field, has been awarded a National Institutes of Health training grant, and has produced numerous other grant submissions, conference presentations and manuscripts. Her success speaks to the benefits of participating in an external leadership program.

"I found this seminar to be extremely helpful to build foundational skills in identifying professional development goals and designing a career path, developing key professional competencies in academic and organizational leadership, building skills in grant writing and communications, as well as developing a network of like-minded colleagues," she said.

Dr. Barral's achievements reflect the promise of the scholarship program to connect faculty with leadership opportunities that align with their professional goals.



Romina Barral, MD, MSCR

## Wellbeing

The Office of Faculty Development (OFD) supports faculty in their general wellbeing in two main ways. The first is in collaboration with the Children's Mercy Center for Wellbeing by partnering to provide workshops and training on both clinical and nonclinical topics that support work-life integration and wellbeing. Example of topics that have been provided include "Discovering Tips and Tools to Improve Your Sleep and Fight Fatigue" and "Understanding the Role of Optimism in Wellbeing."

OFD also partners with the CM Office of Equity and Diversity (OED) to equip faculty to support the diverse team members and patients with whom they work. Topics in 2023 include: "Social Determinants of Health" and "Facilitating Conversations Around Anti-Racism in Academic Medicine."

The second way OFD supports faculty in their wellbeing journey is by providing resources and trainings to faculty as they navigate their careers

in academic medicine. New faculty members are provided with support in obtaining and maintaining their faculty appointments with partnering universities. Once faculty are ready for promotion to the next academic rank, the OFD supports them by providing guidance on how to effectively compile their academic work into a robust portfolio. The resources provided to support faculty in this phase of their career include one-to-one strategy conversation and weekly email reminders that break this overwhelming process of putting together an academic promotion portfolio into manageable parts. Faculty also have access to a wide range of "how-to guides" to help them navigate this process. The academic promotion process is often a stressful time for faculty, but having a support system in place provides a way for faculty to reduce their stress and anxiety around this.



## Office of Faculty Development by the Numbers

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

- 87** faculty career strategy conversations
- 100%** successful applications for 2022 cycle (promotions effective 9/1/2023)
- 13** professors
- 25** associate professors

### Live Development Events (7/1/2022 – 6/30/23):

- 490** Pathway to Innovations Series total attendance
  - Micro-sessions (13): 217 attendees
  - Workshops (2): 64 attendees
  - Orientations (1): 56 attendees
  - Faculty Discussions (2): 42 attendees
  - Not-So-Journal Clubs (4): 79 attendees
  - Grant Writing Clubs (14): 203 attendees
  - Networking Events (1): 32 attendees

### Medical Writing Center Services (7/1/2022 – 6/30/23):

- 121** total document editing requests
  - 11 grants (1 funded, 9 pending)
  - 49 manuscripts (23 accepted, 24 pending)
  - 34 personal statements
- 2** consultation requests
- 1** targeted writing workshop

## Mentor Program

The Office of Faculty Development (OFD) has many strengths, including its commitment to supporting the professional and personal growth of all faculty members in their academic medicine career. Whatever their discipline, whatever their focus, OFD can help faculty find their path. OFD supports faculty in three primary areas: onboarding, academic promotion and career development. The last area, career development, is robust but has not previously included a faculty mentoring program. Over the years, the OFD has researched faculty mentor program best practices from similar institutions. In the past year, the OFD has been meeting with a collaborative committee to develop a Children's Mercy Faculty Mentor Program, and in September 2023, the program began its pilot phase.

The purpose of the Faculty Mentoring Program is to assist early- and mid-career faculty in actualizing goals in their academic, professional and personal lives through developing trusted, mutually rewarding relationships for guidance on decision-making, professional development and career opportunities. We also aim to build a community of faculty members that will cultivate opportunities for connection among a network of colleagues across Children's Mercy.

The objectives of the program are:

- Provide equitable opportunities for faculty to have access to mentorship relationships.
- Help faculty build connections and networks.
- Enhance faculty career satisfaction by promoting trusted mentor-mentee relationships.
- Build mentor and mentee skills that will serve faculty throughout their careers.
- Provide guidance through faculty career transitions (e.g., clarifying initial career focus or refining purpose after academic promotion).
- Empower faculty to proactively take ownership of their career growth.

The overall hope is the program will create career opportunities and growth for both mentees and mentors.



### MENTORS

- Increase your network of current and future CM leaders.
- Gain recognition for your skills and experience.
- Achieve a sense of fulfilment and personal growth.
- Reinforce your own knowledge of your areas of expertise.
- Share best practices.
- Increase your confidence and motivation.

### MENTEES

- Enhance your CV.
- Gain organizational knowledge.
- Enhance your professional network.
- Clarify your professional goals.
- Learn how to conduct yourself in an informational interview.
- Receive constructive feedback for growth and improvement.

## Associate Medical Directors

In September 2022, Ruba Abdelhadi, MD, NASPGHAN-F, CNSC, and Sarah Tsai, MD, FAAP, FRCPC, CPI, joined the Office of Faculty Development (OFD) at Children's Mercy as Associate Medical Directors. They joined the current OFD team and leadership of Jacqueline Hill, PhD, and Eric Rush, MD, to expand faculty representation along the faculty career development continuum.

Dr. Abdelhadi is a Professor of Pediatrics in the Division of Pediatric Gastroenterology at Children's Mercy. She obtained her medical degree from the University of Jordan and completed her pediatric residency training at Michigan State University and her pediatric gastroenterology, hepatology and nutrition fellowship at Wayne State University. In 2013, Dr. Abdelhadi joined Children's Mercy and was appointed as an Assistant Professor of Pediatrics at the University of Missouri-Kansas City School of Medicine (UMKC SOM) and Clinical Assistant Professor of Pediatrics at the University of Kansas School of Medicine (KU SOM). Subsequently, she was promoted to Associate Professor in 2015 and Professor in 2019 at UMKC SOM. Since 2018, Dr. Abdelhadi has served as Associate Division Director of Gastroenterology for Education and Staff Development. In 2020, she received designation as Fellow of the North American Society of Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN). Dr. Abdelhadi's commitment to developing faculty is evident by her unwavering passion for mentoring and fostering career advancement opportunities for junior faculty. This new role is a natural extension of the work she is currently doing at the division level to the institutional level.

Dr. Tsai is an Associate Professor of Pediatrics in the Division of Pediatric Endocrinology at Children's Mercy. She obtained her medical degree from Memorial University of Newfoundland and completed her pediatric residency training at Janeway Children's Health and Rehabilitation Centre and her pediatric endocrinology fellowship at the University of Ottawa.

In 2012, Dr. Tsai joined Children's Mercy and was appointed as an Assistant Professor of Pediatrics at UMKC SOM. In 2020, she was promoted to Associate Professor at UMKC SOM. Since 2018, Dr. Tsai has been a Certified Principal Investigator with the Association of Clinical Research Professionals and was appointed Assistant Director of Clinical Research in the Division of Endocrinology. Dr. Tsai's steadfast commitment to mentorship and research education for junior faculty, along with her collaborative approach and creative problem-solving, will serve her well in this new role.

Drs. Abdelhadi and Tsai were selected from a pool of excellent candidates, who each had unique strengths in our focus areas of cultivating relationships, leadership, advocacy, academic credibility, and generating engagement. Please join us in welcoming Drs. Abdelhadi and Tsai to their new leadership roles!



Ruba Abdelhadi, MD



Sarah Tsai, MD

# CONTINUING MEDICAL EDUCATION

## Purpose

To provide leadership in Continuing Medical Education (CME) for our physicians and regional health care providers who serve children from birth through adolescence. We strive to provide timely, evidence-based education relating to clinical practice, research and/or professional responsibilities in appropriate education format to improve participants' knowledge, competence and performance. These changes should promote high-quality care and improve outcomes for all patients.

## CME Prepares for New MATE Act

As fentanyl overdoses continue to plague our youth and increased cases of accidental ingestion threaten our pediatric patients, we feel a deep connection to purpose through the new Medication Access and Training Expansion (MATE) Act. When the DEA announced that health care provider license holders would be required to complete eight hours of education on opioid and substance disorders, the CME team poured energy into finding a way to support those facing this new requirement.

As information trickled in on the new guidelines, providers began reaching out with urgency to identify exactly what they would need to do to meet the new requirement. Collaborating with their Medical Director Fadi Al Muhaisen, MBBS, FAAP, GME, hospital leadership, and various community experts, the CME team began planning education as a solution.

Though the schedule for the Clinical Advances in Pediatrics Symposium (CAPS) was nearly complete, a post-conference option was added to the final day of CAPS, providing up to five of the eight required hours. The remaining hours are available through Grand Rounds recordings or other educational activities.

Working closely with the CAPS Course Directors, Denise Bratcher, DO, and Emily Killough, MD, it was all hands on deck to brainstorm expert speakers who could deliver education in these areas. The driving motivation was not only to provide education that would meet the needs of the new requirement, but that could also intercede in an ongoing battle pediatricians and pediatric advance practice providers face every day to prevent yet one more needlessly lost life to overdose of any kind.



Training on quality improvement and lean leadership are regularly offered with CME.

## CONNECTING TO PURPOSE Hybrid Education: CME Expands learning opportunities

Children's Mercy strives to create a world of wellbeing for all children. Part of that vision includes educating health care providers so they can provide the best possible care to children everywhere.

The Continuing Medical Education department at Children's Mercy is contributing to this effort by offering live Grand Rounds sessions to all. Providers across the country, or the world, can view the livestream of our Grand Rounds lectures in real time. While Grand Rounds recordings have always been available, this addition enables all to engage in the presentation by asking questions of speakers during the event. "This is a way for Children's Mercy to offer valuable, pediatric-focused education not only to our staff, but to pediatric providers anywhere" – Amy Hill, MBA, Director of Continuing Medical Education.

Grand Rounds topics cover a wide variety of clinical areas and health-related issues. Some highlights from 2022-2023 include:

- Uché Blackstock, MD – Mobilizing for Health Equity
- Sandra Bloom, MD – Burnout, Chronic Organizational Stress and Using Trauma-Informed Care to Respond to These Challenges
- J. Corey Feist, JD – Healing Healthcare Together: The Dr. Lorna Breen Heroes' Foundation
- Cliff Coleman, MD - Health Literacy and COVID-19 Vaccine Hesitancy Among Adults and the Children They Care For
- Peter Jay Hotez, MD – COVID-19 Vaccines: Science vs. Antiscience

Those interested in viewing live Grand Rounds sessions can find information on upcoming lectures, including links to the livestream, in CloudCME under Regularly Scheduled Series. Grand Rounds online remain available in CloudCME under Online Courses.



Rose Mettlen, MSW, and Fadi Al Muhaisen, MBBS, at the Accreditation Council of Continuing Medical Education Annual Conference.

## CME by the Numbers

### The Continuing Medical Education Office at Children's Mercy:

- offered **598** activities
- offered **1,317.75** hours
- awarded **17,258** CME credits

### These programs were made available to:

- 15,359** physician learners
- 8,622** other learners

# LIBRARY SERVICES

## Library Services Open House Explores Children's Mercy History

As part of National Nurses Week, all CM team members were invited to a Library Services Open House featuring a "Legacy of Mercy" exhibit with artifacts and archival images from around the hospital and across time.

"While going through the archives collection, we found some great historic CM nurses' items and photos," said Katie Dayani, MLS, AHIP, Director, Library Services & Archives.

"We're highlighting the amazing work that nurses have done for the hospital across all of our history," said Heather Steel, MLS, Librarian and curator of the exhibit.

Exhibit artifacts include:

- A vintage nurse uniform, cap and cape owned by Elizabeth Martin, hospital administrator from 1936-1955. Martin, who was trained as a nurse before becoming an administrator, "took up the mantle after [CM co-founder] Dr. Katharine Berry Richardson passed away," Steel said. Martin's nursing kit is also on display.
- A quilt made especially for a nurse's room in the Nurses' Hall next to the former Independence Avenue CM building that housed the hospital from 1917 to 1970. "It was really important to Katharine that nurses and student nurses who lived in the hall felt at home," Steel said, adding that Richardson commissioned quilting clubs to make quilts for the nurses' beds.
- Furniture, including a chair and table, built by Katharine Berry Richardson (carpentry was one of her hobbies). "She, along with a [professional] carpenter, made pretty much all the furniture that was in the Nurses' Hall," Dayani said.
- Photos of X-ray equipment as it evolved through the years since 1940.
- Typewritten sheets of rules for student nurses to follow and a nurses' handbook.
- A 1920s-era old-time "selfie" of surgical nurses posing in the operating room at the Independence Avenue building.

Children's Mercy CEO Paul Kempinski stops by the Library to participate in an open house with Library Services Director Katie Dayani.



## Library Services Provides Support and Learning Opportunities for Community, Students, Residents and Faculty

Children's Mercy Library Services & Archives supports patient care and the academic and research activities at Children's Mercy, and 2022-23 was a busy year for its mighty team.

In the areas of research, the team worked with CM researchers to support compliance with the new NIH grant open-access rules. Staying compliant is a critical component to current and future funding for the growing research base at the Children's Mercy Research Institute. The team also supported GME Research Days and Children's Mercy Research Month to make posters and presentations available in SHARE@Children's Mercy, the hospital's scholarly repository. Staff members continued to elevate the organization's scholarly reach by adding content to SHARE@Children's Mercy and created collections of CM podcasts and evidence-based practice materials.

To teach our hospital community, staff members collaborated with teams across the organization to curate new resource collections, including a Wellbeing collection and a Trauma-Informed Care collection – critical for working with our patient population.

The clinical librarian rounded with the teams and provided resources for residents' questions to support patient care. Additional support for the residents came during their preparation of Professor Rounds, a weekly case/didactic conference, in which a resident teaches the community. Library staff members meet individually with residents to teach library skills, including the important skill of finding health disparity data for the conversation. Library services also provided post-learning resources for all Grand Rounds events and offered new learning opportunities, including our Library Takeaways learning series.

Our youngest learners were not left out: Library Services supported the STAR 2.0 research program for middle and high school students by teaching about information literacy and best practices for searching. Finally, to support our community, Library Services partnered with Lead to Read KC to provide free books for patients and families visiting the clinics of Children's Mercy Kansas City Broadway.



## Library Services by the Numbers

### Library Door Count:

**7,354** door swipes/visitors to Library Services

### Library Website:

**15,783** keyword searches completed in the Discover search box

**27,967** full-text articles in the Library's collection provided at immediate access

**26,451** visitors to the Library website

### Library Resource Access:

**4,157** requested articles delivered to CM faculty and staff

**848** articles requested via interlibrary loan sent to other libraries

**157** print books checked out to users

### Librarian Assistance:

**421** literature searches submitted and completed through ServiceNow

**112** library meetings with patrons & instruction sessions

**243** clinical questions answered

### SHARE Statistics:

**30,483** items downloaded

**121** podcast streams

**29,281** page hits

**1,829** new CM works added



# PROFESSIONAL DEVELOPMENT

## Advanced Degrees and Certifications

Children's Mercy fellows and faculty are able to 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 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 fellowship's end. To learn more about either the Graduate Certificate or Master of Health Professions Education, contact (816) 235-2465.

### 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](http://med.umkc.edu/dbhi).

## BIOETHICS CENTER CERTIFICATE PROGRAM

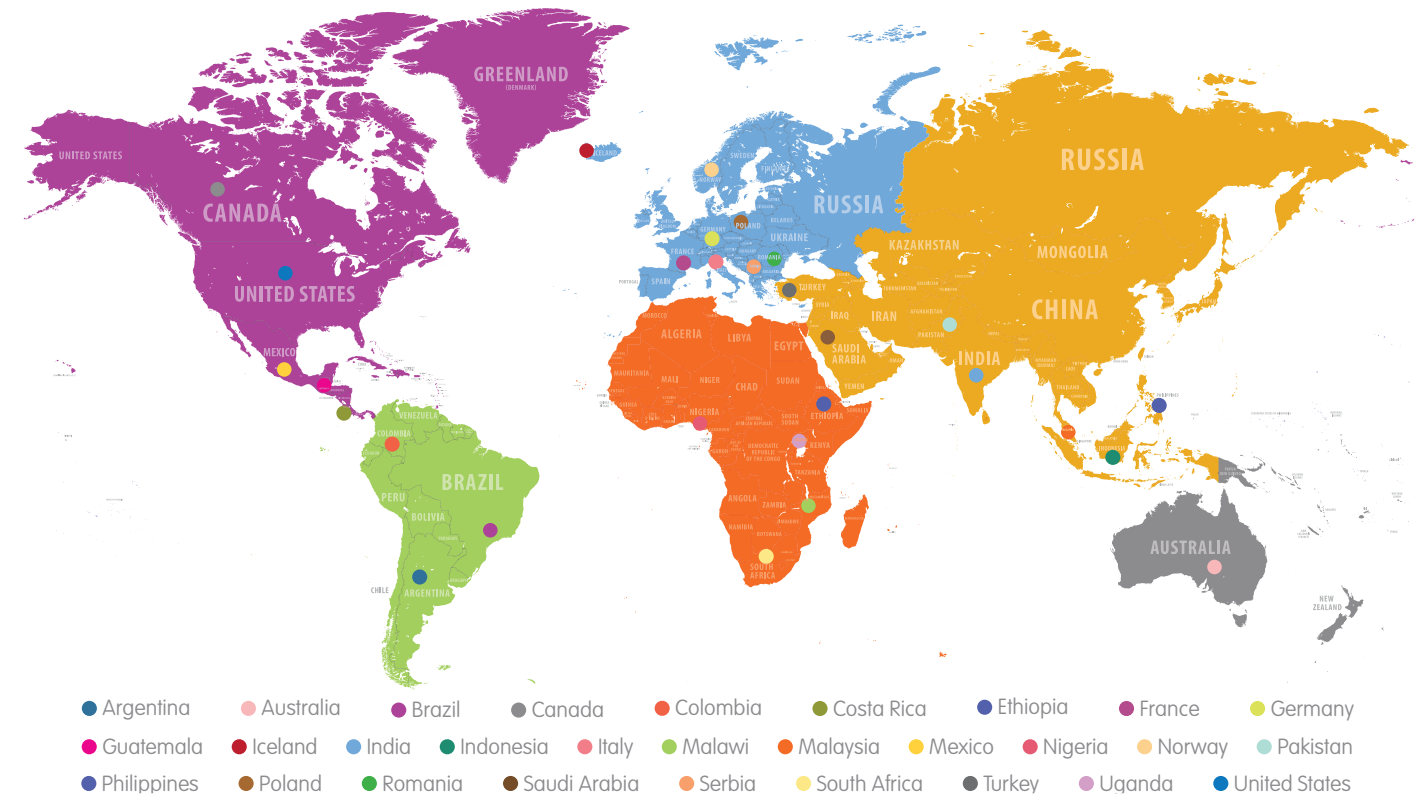
The Children's Mercy Bioethics Center Certificate Program is a nine-month course with an intensive three-day weekend on site. For the rest of the course, students and faculty discuss assigned readings online and in periodic conference calls and webinars. The program is designed to help students understand 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](mailto:cmhc@cmh.edu).



Faculty and Program Director Joe Cernich, MD, with fellow Emily Metzinger, MD.

## Children's Mercy Certificate Program in Pediatric Bioethics

Our Students Come from All Over the World



# HONORS & AWARDS

## NURSING AWARDS

**Nursing Unit of the Year Award:** 6 Hall

**Nurse of the Year Award:** Cheyenne Miller, RN

**Advanced Practice Provider of the Year Award:**  
Marcela Santacruz, APRN

## RESIDENT AWARDS

**Barbara J. Allphin, MD, Residents as Teachers Awards:** Caitlin Armstrong, MD, and Sean Stringham, MD

**Clark W. Seely, MD, Award:** Grace Milburn, MD

**Hematology/Oncology Award:** Abbey Elsbernd, MD

**Jane F. Knapp, MD, Excellence in Pediatric Emergency Medicine Award:** Chandra Swanson, MD

**Pediatric Critical Care Award:** Brittany Moore, MD

**Edward R. Christophersen, PhD, Excellence in Developmental and Behavioral Pediatrics Award:** Samantha Winstead, MD

**Michael B. Sheehan Excellence in Neonatal Medicine Award:** Grace Milburn, MD

**Hospital Medicine Award:** Shelby Chesbro, MD

**Research Days Saggie Alon Awards:** Rachel Granberg, MD (1st), Roxana Guggemos, MD (2nd)

**Research Days Quality Improvement Award:** Brittany Moore, MD

**Rex L. Dively Excellence in Research and Scholarly Activity Award:** J. Taylor Lackey, MD

**Professor Rounds Awards:** Alison Fowler, MD (1st), Andrew Donaldson, MD (2nd)

**Mercy Award:** Sean Stringham, MD

**Daniel C. Darrow, MD, Award:** Lauren Arney, MD

## STUDENT AWARDS

**Laura L. Backus, MD, Award for Excellence in Pediatrics:** Francesca Moissan, MD

**Christophersen Award for Excellence in Pediatric Psychology/Clinical Child Psychology:** Kelsey Zaugg, PhD

## FELLOW AWARDS

**Fellow Teaching Award:** Nate LaVoy, MD, and Edward Lyon, DO, MA (tie)

**Fellow Research Days Awards:** Bianca Cherestal, MD, (1st) and Megan Colling, MD (2nd)

**Fellow Quality Award at Research Days:** Alexandra Prosser-Dombrowski, MD, and Thomas Cochran, MD, (1st) and Maribel Martinez, MD

**Fellow Quality and Performance Improvement Awards:** Edward Lyon, DO, MA; and Stephanie Green, DO, and Amanda Lindenberg, DO, OTR (tie)

## FACULTY AWARDS

**Pharmacist of the Year Award:** Dan Younggren, PharmD

**Outstanding Teaching Section Award:** Pulmonary Medicine, Division of Allergy, Immunology, Pulmonary and Sleep Medicine

**Herbert A. Wenner, MD, Medical Student Faculty Award:** Katelyn McAnany, MD

**Excellence in Pediatric Orthopedic Surgery Teaching Award:** Dale Jarka, MD

**George W. Holcomb III – Surgeon-in-Chief Award for Excellence in Teaching:** Laura Plummer, MD

**Daniel Scagliotti, MD, Educator of the Year Award:** Gene Peir, MD



# ACCOMPLISHMENTS

## RESEARCH DAYS ORAL PRESENTATIONS

**Cherestal B, Jayaram N.** Association between remote monitoring and interstage morbidity and mortality in single ventricle patients across socioeconomic groups.

**Cho Y, Chan SS, Friesen CS, Shakhnovich.** Magnetic resonance image-based quantification of estimated hepatic blood flow in pediatric population: Correlation with anthropometric measures.

**Collins M, Hall M, Shah S, et al.** Phlebotomy-free days in common conditions among hospitalized children and the association with clinical outcomes.

**Cruz-Centeno N, Stewart S, Marlor D, Rentea RM et al.** Duodenal atresia repair: A single-center comparative study.

**Cruz-Centeno N.** Exchange of extracorporeal membrane oxygenation cannulas for hemodialysis catheters in children requiring renal replacement therapy.

**Daniel A, Miller J.** A comparison of large TBSA scald versus flame burns in young children.

**Granberg RE, Bettenhausen J.** Rural and urban caregiver experiences of financial strain and food insecurity during pediatric hospitalizations.

**Green S, Lindenberg A.** Optimization of form and signature requests via electronic system.

**Guggenmos R, Bettenhausen J, Markham J.** Female authorship concordance in academic pediatrics.

**Keys J, Bettenhausen JL, Markham JL, Hall M.** Treatment of post-operative pain in children with severe neurologic impairment.

**Martinez M.** Increasing utilization of gestational age-based table for initial intubation in a Level IV Neonatal Intensive Care Unit.

**McAnany S.** Comparing the ability of new definitions of severe bronchopulmonary dysplasia to better predict outcomes.

**McLoughlin ZL, Bettenhausen J.** Relationship between rurality and access to care for families of hospitalized children.

**Moore B, Okah A.** Influencing influenza immunization: QI project in a pediatric resident continuity clinic.

**Prosser A, Cochran T, Thompson J.** Increasing incentive spirometry use in patients with sickle cell disease: Longer follow-up of PDSA Cycle 1.

**Stewart S, Fraser J, Cruz-Centeno N, Marlor D, et al.** Management of primary spontaneous pneumothorax in children: A single institution protocol analysis.

**Thoenen E, Iwakuma T.** Mutp53 suppresses the formation of ER-stress induced stress granule formation.

**Walton M, Raghuvver G.** Cardiac biomarkers differentiate Kawasaki disease from multisystem inflammatory syndrome in children associated with COVID-19.

**Ward JS, Yeh HW, Tucker M, Sampath V.** Reducing variability of fluid management during the first three days of life for premature infants in the Intensive Care Nursery.

**Rachel Segal, MD, concurrently earned her MPH from the University of Missouri and was selected into the Delta Omega Gamma Eta chapter, an honorary society in public health, as a result of her outstanding academic record during the MPH program and her dedication to the field of public health. Dr. Segal also served as a Subspecialty Fellowship Trainee Delegate with the American Academy of Pediatrics' Council on Child Abuse and Neglect from October 2020 until graduation.**

**Ward JS.** Sepsis-induced acute lung injury and the development of bronchopulmonary dysplasia (BPD) in premature infants.

**Warren J, Link RC, Bonanni S, et al.** Two AIS cases, two surgeons, one operating room, one day. The results of a quality improvement initiative.

## RESEARCH DAYS POSTERS

**Anderson M, Newell BD, Escobar H, et al.** A case Of DOCK8 deficiency treated with Dupilumab.

**Bokova E, Svetanoff WJ, Levitt MA, Rentea RM.** Pediatric bowel management options and organizational aspects.

**Bokova E, Svetanoff WJ, Lopez J, Levitt MA, Rentea RM.** State-of-the-art bowel management for pediatric colorectal problems: Anorectal malformations.

**Bokova E, Svetanoff WJ, Lopez J, Levitt MA, Rentea RM.** State-of-the-art bowel management for pediatric colorectal problems: Functional constipation.

**Bokova E, Svetanoff WJ, Lopez J, Levitt MA, Rentea RM.** State-of-the-art bowel management for pediatric colorectal problems: Hirschsprung disease.

**Bokova E, Svetanoff WJ, Lopez J, Levitt MA, Rentea RM.** State-of-the-art bowel management for pediatric colorectal problems: Spinal anomalies.

**Cochran T, Lee BL, Carpenter SL.** Prevalence of iron deficiency in patients with inherited bleeding disorders.

**Cruz-Centeno N, Fraser J, Stewart S, Marlor D, et al.** Complications associated with the use of stabilizers in pectus excavatum repair.

**Cruz-Centeno N, Fraser J, Stewart S, Marlor D, et al.** Hypertrophic pyloric stenosis protocol: A single center study.

**Cruz-Centeno N, Fraser J, Stewart S, Marlor D, et al.** Long-term recurrence rates and patient satisfaction after repair of pectus excavatum.

**Cruz-Centeno N, Fraser J, Stewart S, et al.** Parental reports on the experience of using tube feeds: blenderized vs. non-blenderized formulas.

**Cruz-Centeno N, Stewart S, Marlor D, et al.** Exchange of extracorporeal membrane oxygenation cannulas for hemodialysis catheters in children requiring renal replacement therapy.

**Cruz-Centeno N, Stewart S, Marlor D, Dekonenko C, et al.** Penetrating gallbladder trauma in a pediatric patient.



CHiCoS residents engaged in a friendly baking contest.

**Munro T, Yoderq J, Lee B, Harvey B.** Pilot study using sideline hand-grip dynamometry to assess strength changes in a high school baseball season: A feasibility study.

**Parker J, Turcotte Benedict F, Hillman E.** Pediatric educational outreach to a community-based emergency department: Clinical management of the febrile infant.

**Paumen J, Plencner L, Kitchen J.** Supporting families impacted by adverse childhood experiences.

**Prosser A, Cockrell A, Miller D, et al.** Functional evaluation of a novel RPL30 mutation and its role in diamond-blackfan anemia.

**Segal R, Rose S, Dutcher et al.** Understanding home visitor attendance at well child checks: A mixed methods study.

**Shaw A, Lee BR, Kazmaier L, et al.** Stewardship opportunities for cervical lymphadenitis and deep neck space abscesses.

**Stewart S, Cruz-Centeno N, Marlor D, et al.** Antibiotic monotherapy vs. dual-drug therapy in perforated appendicitis: Single center retrospective review.

**Stewart S, Dekonenko C, Cruz-Centeno N, Marlor D, et al.** A Novel approach for laparoscopic direct inguinal hernia repair in children.

**Stewart S, Fraser J, Rentea RM, et al.** Institutional outcomes of blunt liver and splenic injury in the ATOMAC era.

**Stewart S, Kim DH, Marlor D, et al.** Institutional use of ultrasound in the evaluation of cryptorchidism.

**Stewart S, Svetanoff W, Fraser J, et al.** Laparoscopic versus open inguinal hernia repair: A single institution comparison of 1,200 patients.

**Wee E, Feldt MM.** Inpatient insulin management for severe hypertriglyceridemia in pediatrics.

## PRESENTATIONS

**Akhouri R.** It's just a cellulitis. New York City Poison Center Consultants' Conference, Jan 2023, New York NY.

**Akhouri R.** A bite of anemia. SUNY Upstate Medical Center National PEM Consultants Case Conference, Nov 2022, Syracuse NY.

**Akhouri R, Kennedy C, Giovanni, J.** Rapid cycle simulation based assessment and reinforcement of ATLS primary survey. Kansas City Regional Simulation Alliance, July 2022, Kansas City MO.

**Adah E.** Experiences of racism among black and African American children. American Academy of Allergy, Asthma & Immunology, Feb 2023, San Antonio TX.

**Arends G, Perry E, Sherman A, Flint J.** Pediatric acute ischemic stroke clinical practice guideline for pediatric transport: A three-year single-site analysis. Pediatric Academic Societies, April 2023, Washington DC.

**Azouz H.** Growth hormone deficiency: When is MRI imaging indicated. Pediatric Endocrine Society, May 2023, San Diego CA.

**Anderson M.** Case of DOCK8 deficiency treated with Dupilumab. American College of Allergy, Asthma & Immunology, Nov 2022, Louisville KY.

**Babar G, Wee E, Cramer E, et al.** Assessing the effect of the changing levels of restrictions placed by the COVID-19 pandemic on children and their behaviors. Endocrine Society, June 2023, Chicago, IL.

**Barani B, Selewski D, Soranno D, Weidemann D.** Women in the American Society of Pediatric Nephrology Program. Pediatric Academic Societies, April 2023, Washington DC.

**Bettenhausen JL, Granberg R, McLoughlin Z, et al.** Experiences of rural and non-rural caregivers during their child's hospitalizations. Pediatric Academic Societies, April 2023, Washington DC.

**Biller A.** Rumination syndrome diagnosis supported by colon manometry in a pediatric patient. North American Society for Pediatric Gastroenterology, Hepatology and Nutrition, Oct 2022, Orlando FL.

**Biller A, Alatorre-Jimenez M, Stewart JW, Abdelhadi R.** Endoscopic removal of safety pin from appendiceal orifice. North American Society for Pediatric Gastroenterology, Hepatology and Nutrition, Oct 2022, Orlando FL

**Bonanni E. Platt, M, Latta G, Etzenhouser A, Irvin C, Walker JM, Solano J, Heller K, Ermer J, Collins ME, Best S.** Leadership across the career continuum: using self-reflection effective leadership practices for optimal team functioning. Pediatric Academic Societies, April 2023, Washington DC.

**Cherestal B, Erickson L, Noel-MacDonnell J, et al.** Impact of remote monitoring during the interstage period on outcomes in single ventricle patients across socioeconomic groups. Update on Pediatric and Congenital Cardiovascular Disease. Sep 2022. Huntington Beach CA.

**Clark N, Kyler K, Allen G, Ausmus A, Berg K, Beyer J, et al.** Variations in rates of clinical alarm burden, source, and cause across inpatient unit types at a children's hospital. Pediatric Academic Societies, April 2023, Washington DC.

**Dosani K, Music Aplenc L, Pfeiffer S.** Therapeutic plasma exchange to alleviate ventricular tachycardia after diphenhydramine ingestion.

**Dunne K, Dubey V, Gavin K, et al.** "There's a difference in practice when you have to make the decision": Autonomy in pediatric emergency medicine fellowship.

**Green S, Fisher MT, McLaughlin MJ.** Improvement on the slopes: the impact of an adaptive snow sports program on children and young adults with disabilities.

**Gibson M, Suppes S, Lovins J, et al.** Pediatric serum-like sickness: a multicenter analysis.

**Ho H, Bauer PN, Tam-Williams JB.** Socioeconomic factors and PICU interventions in high mortality risk asthmatics.

**Johnson A, Gamis A, Molina A, et al.** A novel therapy for Refractory CBFA2T3:GLIS2-associated AMKL Using STRO-002 and plerixafor.

**Khalifee E, Tracy M, Arganbright J.** Tracheostomy dependence patterns in children with 22q11 deletion syndrome.

**Marlor D, Briggs-Groves K, Stewart S, Cruz-Centeno N, Dekonenko C, Fraser JD.** Persistent pediatric breast abscesses following initial treatment at tertiary and community centers.

**McCann L, Harvey L, Almahbub N, et al.** Drug metabolizing enzymes and transporters may help determine effective budesonide dosing in EoE.

**Cochran T**, Lee B, Carpenter S. Prevalence of iron deficiency in patients with inherited bleeding disorders. Hemostasis and Thrombosis Research Society, March 2023, Orlando FL and International Society on Thrombosis and Haemostasis, June 2023, Montreal CAN.

**Cortez AL**. Clinical case presentation for ASPN radiology webinar: Autosomal recessive polycystic kidney disease. American Society of Pediatric Nephrology, Aug 2022, Orlando FL.

**Cortez AL**, Moore J, Smith V, VanSickle J. New onset of abnormal involuntary movements after intermittent hemolysis treatments in a 4 yo. Annual Dialysis Conference, March 2023, Kansas City MO

**Cruz-Centeno N**, Fraser JA, **Stewart S**, **Marlor DR**, Oyetunji TA, St. Peter SD. Long-term recurrence rates and patient satisfaction after repair of pectus excavatum. American Pediatric Surgical Association, May 2023, Orlando FL.

**Cruz-Centeno N**, Fraser JA, **Stewart S**, **Marlor DR**, et al. Parent satisfaction with same-day discharge after laparoscopic appendectomy for non-perforated appendicitis. Academic Surgical Congress, Feb 2023. Houston TX.

**Cruz-Centeno N**, Fraser JA, **Stewart S**, **Marlor DR**, et al. Hypertrophic pyloric stenosis protocol: A single center study. Academic Surgical Congress, Feb 2023. Houston TX.

**Cruz-Centeno N**, Jovet-Toledo, G, Ramirez-Tanchez C. What happens after percutaneous cholecystostomy tube for acute calculous cholecystitis? American Medical Association Research Symposium, Oct 2022, Virtual.

**Cruz-Centeno N**, **Stewart S**, **Marlor DR**, et al. Complications associated with the use of stabilizers in Nuss Procedure for pectus excavatum. International Pediatric Endosurgery, July 2023, Sorrento IT.

**Dosani K**, Pfeiffer S, Music L. Therapeutic plasma exchange to alleviate ventricular tachycardia after diphenhydramine ingestion. Society of Critical Care Medicine, Jan 2023, San Francisco CA.

**Daniel A**, Flint J, Miller J, Aguayo P. Clinical features and outcomes in severe pediatric scald burn patients. Society of Critical Care Medicine, Jan 2023, San Francisco CA.

**Donaldson A**, **Munro T**, Roberson J. Atraumatic knee pain and effusion in an 11-year-old. American Medical Society for Sports Medicine, May 2023, Phoenix AZ.

**Ehrhardt MD**, Fornander M, Moore R. Psychosocial needs of pediatric patients with cancer predisposition syndromes: Standardized screening needed. Society of Pediatric Psychology, April 2023, Chicago, IL.

**Ermer J**, **Chesbro S**, **Boerner J**, Solano J, Veit C, Walker J. Who is my child's main doctor? Caregiver presentations of teaching teams. Pediatric Academic Societies, April 2023, Washington DC.

Farrukh S, **Wee E**, Sherman AK, Yan Y. Alterations in the metabolic profiles of overweight and obese youth during the COVID-19 pandemic. American Academy of Family Physicians, July 2022, Kansas City, MO; American Academy of Pediatrics, Oct 2022, Anaheim, CA.

**Gaur S**, Holland MJ, Hays JA, Ahmed I. Bone marrow transplant for macrophage activation syndrome in systemic juvenile idiopathic arthritis. American Society of Pediatric Hematology/Oncology, April 2023, Fort Worth TX.

**Gavin K**, Liptzin DR. An unusual case of Hymoptysis. American Thoracic Society International Conference, May 2023, San Diego CA.

**Gibson M**, Suppes S, Lovins J, Monique E, Goldman J. Pediatric serum-like sickness: A multicenter analysis. Pediatric Academic Societies, April 2023, Washington DC.

**Gibson M**, Kiler T, Erickson L, et al. Identifying predictors of cardiac necrotizing enterocolitis in interstage patients. The Pediatric Cardiac Intensive Care Society, Dec 2022, Miami FL.

**Griffing E**, Halpin K, Lee B, Paprocki E. Premature pubarche in Prader-Willi Syndrome: Potential predictors and consequences. Pediatric Endocrine Society. May 2023, San Diego CA. **Designated as a Presidential Poster**

Halpin K, El Buri J, Noland K, Vergarabagby RS, Kenyon R, Reynolds C, Kaminsky A, **Zarse E**, Boyd J. Using quality improvement techniques to reduce delayed hospital follow-up in youth with known type 1 diabetes admitted in diabetic ketoacidosis. T1D Exchange Learning Sessions, Nov 2022, Kansas City MO.

Heller K, **Ermer J**, Etzenhouser A, Trenkamp M, Aline T. Engaging learners at night using virtual and asynchronous techniques. Pediatric Hospital Medicine, July 2022, Orlando FL.

**Hudson Z**, Lee B, Monsees E, et al. Health inequities in antibiotic choice for common infections in pediatric emergency departments despite antimicrobial stewardship initiatives. Pediatric Academic Societies, April 2023, Washington DC.

**Hultman L**. Physical abuse literature update. Safe Care Annual Update Training, Sep 2022, Columbia MO.



Program Directors John Anderson, MD, and Caroline Tougas, MD, with new grad fellow Stephanie Coupal, MD.

**Hultman L**, Harris J, Frazier T, Hansen J. Improving frequency of peer review of abnormal genital exam findings in patients undergoing sexual abuse evaluation. Vijay Babu Rayudu Quality & Patient Safety Day, May 2023, Kansas City MO.

Kearse L, **Stewart S**, Williams K, et al. An analysis of preliminary general surgery resident matriculation into categorical positions. National Medical Association, July 2022, Atlanta GA.

**Keys J**, Bettenhausen J, Markham J, Hal M. Treatment of post-operative pain in children with severe neurologic impairment. Pediatric Academic Societies, April 2023, Washington DC.

**Krzywda K**, Tieves K. Safety, timing, and outcomes of early postoperative cardiac catheterization following congenital heart surgery. Pediatric and Congenital Cardiovascular Disease, Aug 2022, Huntington Beach CA.

**LaVoy N**, Cowden JD, Miller JO, et al. Association of patient demographics, code characteristics, and survival to discharge after in hospital cardiac arrests in the PICU. Society of Critical Care Medicine, Jan 2023, San Francisco CA.

**LaVoy N**, Birnbaum B, Harris J, Pandya A, Taber A. Eosinophilic myocarditis case report. Pediatric Cardiac Intensive Care Society, Dec 2022, Portland OR.

**Le TP, Farrow E,** Singh A, Thiffault I, Raje N. Clinical course of a patient with agammaglobulinemia caused by SLC39A7 Defect. Clinical Immunology Society, May 2023, St. Louis MO.

**Lindenberg A,** Sathya Vadivelu S. Late onset paradoxical effect of zolpidem after anoxic brain injury: A pediatric case report Association of Academic Physiatrists, Feb 2023, Orlando FL.

Longoria-Dubocq T, **Cruz-Centeno N,** Mendez W. Where did you come from? International Endocrine Surgery Association, Aug 2022, Vienna Austria.

**Lyon E,** Wetzel T, Wirtz A, et al. Increasing vaccination rates of 23-valent pneumococcal polysaccharide vaccine among patients at high-risk for invasive pneumococcal disease. Vijay Baby Rayudu Quality & Patient Safety Day, May 2023, Kansas Cit, MO.

**Lyon E,** Goldman J, Lee B, et al. Repeat tracheal aspirates in pediatric intensive care patients: Frequency, resistance and antimicrobial use. IDWeek; October 2022, Washington DC.

**Marlor DR,** Briggs KB, **Stewart S,** **Cruz-Centeno N,** **Dekonenko C,** Oyetunji TA, Fraser JD. Persistent pediatric breast abscesses following initial treatment at tertiary and community centers. Academic Surgical Congress, Feb 2023, Houston TX.



Elie Khalifee, MD, working in the temporal bone lab.

**Martinez M.** Increasing utilization of gestational age-based table for initial intubation in a level IV neonatal intensive care unit. Pediatric Academic Societies, April 2023, Washington DC.

**McAnany S,** Akangire G, Sherman A, Sampath V, Manimtim W. Anatomical phenotypes for severe bronchopulmonary dysplasia modestly impact short-and long-term clinical outcomes. Pediatric Academic Societies, April 2023, Washington DC.

**McAnany S,** Akangire G, Sherman A, Sampath V, Manimtim W. Comparing the ability of new definitions of severe bronchopulmonary dysplasia to better predict outcomes. Pediatric Academic Societies, April 2023, Washington DC.

**McAnany S.** Decreasing documentation time by minimizing redundancy and increasing efficiency. Pediatric Academic Societies, April 2023, Washington DC.

**McCann L,** Chevalier R. Investigating CYP3A5 genotypes and mRNA expression of patients with eosinophilic esophagitis for effective budesonide treatment. Digestive Diseases Week, May 2023, Chicago IL.

**Munro TM,** Harvey BS. Innovative management of posterior upper thigh pain in two adolescent athletes. American Medical Society for Sports Medicine, May 2023, Phoenix AZ.

**Nelson A,** Marks A, Patel E. Increasing the rate of infants rooming-in with their mothers with low-acuity congenital heart disease. Vijay Babu Rayudu Quality & Patient Safety Day, May 2023, Kansas City MO.

**Parashar S,** Oermann C, Carpenter S, et al. EBV-related lymphoproliferative disease in Wiskott-Aldrich Syndrome patient. Clinical Immunology Society, May 2023, St. Louis MO.

**Parashar S,** Reddy A, Raje N, Pandya A. EGPA/hypereosinophilic overlap syndrome in two 16-year-old patients. American Academy of Allergy, Asthma, and Immunology, Feb 2023, Washington DC.

**Patel A.** Protecting children in complex humanitarian crises: solutions to mitigate the health consequences of earthquakes and war in Syria and Turkey. European Society for Pediatric Infectious Diseases, May 2023, Lisbon Portugal.

**Patel A.** Careers in global health: Expanding your skillset for a global landscape. Illinois AAP Chapter, Refugee Immigrant Child Health Initiative, May 2023, Virtual.

**Patel A.** Experiences from the border. AAP Book Club, May 2023. Virtual.

**Patel A.** Clinical care of the immigrant child. University of Oklahoma, April 2023, Tulsa OK.

**Patel A.** Reynosa, Mexico and the US/Mexico border. Refugee immigrant child health initiative. AAP Illinois Chapter, Jan 2023, Chicago IL.

**Rouchou B.** Becoming more common: Managing an uncommon disease with unexpected barriers. American Academy of Hospice and Palliative Medicine, March 2023, Montreal Canada.

**Segal R.** Home visiting. Missouri SAFE CARE Echo Series, March 2023, Virtual.

**Segal R.** More than a bruise: Approach to injuries concerning for abuse. MO AAP Caring for Kids, Oct 2022.

**Segal R.** Introduction to child maltreatment. Operation Breakthrough, May 2023, Kansas City MO.

**Segal R.** Child maltreatment: Dental aspects. University of Missouri-Kansas City Dental Resident didactics, Sep 2022, Kansas City MO.

**Segal R.** Promise 1000. University of Missouri-Kansas City OBGYN Grand Rounds, Aug 2022, Kansas City MO.

**Shaw AJ,** Lee B, Kazmaier L, Baker R, Dao T, Arnold S, Myers A. Stewardship opportunities for cervical lymphadenitis and deep neck space infections. IDWeek™ Oct 2022, Washington DC.

**Spiess T, Anderson M,** Pandya A. Severe CD4 lymphopenia in a patient with TRAF3 haploinsufficiency. American Academy of Allergy, Asthma & Immunology, Feb 2023, San Antonio TX.

**Stewart JW,** Fleishman NR, Stoecklein N, et al. Capsule endoscopy findings in children with Peutz-Jeghers Syndrome. European Society for Paediatric Gastroenterology, Hepatology and Nutrition. May 2023, Vienna Austria.

**Stewart JW,** Schuster J, Bass J, et al. DLC1-1 Expression variability in rectal tissue of pediatric patients with inflammatory bowel disease compared to controls. DDW, May 2023, Chicago IL.

**Stewart S.** Critical care: Adult vs pediatric airway and ventilation management. Midwest Region Burn Conference, Oct 2022, Kansas City MO.

**Stewart S,** Aguayo P. Vascularized dermal matrix for burn scar reconstruction in pediatric surgery. North American Burn Society, March 2023, Mammoth Mountain CA.

**Stewart S, Dekonenko CJ, Lupo A,** Oyetunji TA. Are you lost? A case of incarcerated left ovary, hemi uterus and salpinx within a left inguinal hernia. Southeastern Surgical Congress, Feb 2023, Savannah GA.

**Stewart S**, Fraser JA, Kearse L, Aguayo P. Variability in the management of SJS/TEN in the pediatric population. Congress of the International Society for Burns Injuries, Aug 2022, Guadalajara MEX.

**Stewart S**, Fraser JA, Shah N, et al. Institutional outcomes of blunt liver and splenic injury in the ATOMAC Era. Pediatric Trauma Society, Nov 2022, Portland Oregon.

**Stewart S**, Kim DH, **Cruz-Centeno N**, **Marlor DR**, et al. Use of ultrasound in the evaluation of cryptorchidism: A Single institution analysis. Academic Surgical Congress, Feb 2023, Houston TX.

Swanson C, **Milburn G**. Alimentacion. Santiago Atitlan, Guatemala.

**Vacek M**, Tarbell L, List M, et al. Increasing palliative care team involvement in pediatric hematopoietic stem cell transplant patients. Vijay Babu Rayudu Quality and Patient Safety Day, June 2023, Kansas City MO.

**Ward JS**, Hubbard D, Clark N. Reducing variability of fluid management during the first three days of life for extreme prematurity infants in the intensive care nursery. Children's Hospitals Neonatal Consortium Symposium, Nov 2022, Indianapolis IN.

**Ward JS**, Yeh H, Tucker M, Sampath V. Sepsis-induced acute lung injury and the development of bronchopulmonary dysplasia in premature infants. Pediatric Academic Societies, April 2023, Washington DC.

**Walton M**, **Atlas N**, Shah S. Improving imaging practices following arterial switch operation. Vijay Babu Rayudu Quality & Patient Safety Day, May 2023, Kansas City MO.

**Walton M**, Raghuvver G, Sundraram B, et al. Cardiac biomarkers aid in differentiation of Kawasaki Disease from multisystem inflammatory syndrome in children associated with COVID-19. American Heart Association Scientific Sessions, Nov 2022, Chicago IL.

**Wee E**, McDonough, R, Feldt M. Inpatient insulin management for severe hypertriglyceridemia in pediatrics. Pediatric Endocrine Society, May 2023, San Diego CA.

**Wee E**, **Zarse E**, **Baldrige L**, Ravi S et al. Improving transition planning to adult care in a diabetes clinic. Pediatric Endocrine Society, May 2023, San Diego CA. **Awarded the 2023 Leona Cutler Prize for the best abstract.**

**Zarse E**, **Coupal S**, Grote C, Rana P, Lupo A, Boyd J. Severe autoimmune hypothyroidism presenting in a 9-year-old girl as heavy vaginal bleeding and anemia. Pediatric Endocrine Society, May 2023, San Diego CA.

## PUBLICATIONS

**Adlakha V**, **Akhouri R**, Andrade J. (2022). Healthy toddler with refusal to walk. *Clinical pediatrics*. 2023 Feb;62(2):154-156.

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## GRANTS

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**Farrow E.** An immersive experience in medical genomics. *NIH/NHGRI Award*. \$401,593.

**Farrow E.** Comprehensive congenital hypotonia panel. *Research Innovation Incubator Award*. \$200,000.

**Prosser A.** Functional evaluation of a novel RPS19 mutation and its role in bone marrow failure: A model for studying ribosomopathies. *Children's Mercy Fellows Internal Grant*. \$7,990.

**Zarse E.** Education initiative for hyperglycemic emergencies in pediatric patients with type 2 diabetes. *Children's Mercy Fellows Internal Grant*. \$5,000.

*The contents are those of the investigator and do not necessarily represent the official views of, nor an endorsement, by NIH, or the U.S. Government.*

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