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2019

Graduate Medical Education Annual Report 2018-2019

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Graduate Medical Education

Annual Report 2018-19



Children's Mercy

LOVE WILL.



Children's Mercy
ADELE HALL CAMPUS

Children’s Mercy Kansas City

Children’s Mercy is one of the United States’ leading free-standing independent pediatric medical centers, offering 366 licensed beds, more than 40 subspecialty clinics, a level I pediatric trauma center, and a level IV neonatal intensive care unit. We are consistently ranked among the best children’s hospitals in the nation by *U.S. News & World Report*, and we were the first hospital in Missouri or Kansas to receive Magnet® designation for excellence in patient care from the American Nurses Credentialing Center—an honor we have received four consecutive times.

In academic affiliation with the University of Missouri-Kansas City and the University of Kansas, our more than 750 pediatric subspecialists provide clinical expertise, leadership in medical education to the physicians of the future, and cutting-edge pediatric medical research to discover treatments and cures for tomorrow.

Children’s Mercy is nationally recognized for innovation in creating a family-centered environment that is focused on the unique needs of hospitalized children and their families. Our Continuing Medical Education program has received accreditation with commendation from the state of Missouri.

Mission

The mission of the Department of Graduate Medical Education (GME) is to improve the health and welfare of children by shaping and inspiring learners through leadership, innovation and advancement of the finest pediatric medical education programs.

Vision

Committed to creating a culture of excellence in medical education.

Values

- Accountability
- Caring Service
- Diversity and Inclusion
- Highest Quality Care
- Learner-centered
- Respect
- Trusting Collaborations

Department Chairs



Michael Artman, MD

Senior Vice President/Chair, Department of Pediatrics, Professor of Pediatrics, University of Missouri-Kansas City School of Medicine; Professor of Pediatrics, Kansas University Medical Center



Shawn St. Peter, MD

Chair, Department of Surgery; Professor of Pediatric Surgery, University of Missouri-Kansas City School of Medicine



Paul D. Kempinski, MS, FACHE

President and Chief Executive Officer



Bradford W. Olney, MD

Dr. Rex and Lillian Diveley Endowed Chair in Pediatric Orthopedic Surgery; Professor of Pediatric Orthopedic Surgery, University of Missouri-Kansas City School of Medicine



Adam B. Striker, MD

Chair, Department of Anesthesiology; Associate Professor of Pediatric Anesthesiology, University of Missouri-Kansas City School of Medicine



Charles Roberts, MD

Executive Vice President/Executive Medical Director; Professor of Pediatrics, University of Missouri-Kansas City School of Medicine



Robin Onikul, DDS

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



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



Denise Bratcher, DO

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



Douglas C. Rivard, DO

Chair, Department of Radiology; Professor of Pediatric Radiology, 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

Table of Contents

4		Graduate Medical Education Overview
10		Pediatric Residency
14		Internal Medicine/Pediatrics Residency
18		Fellowship Programs
32		Medical Students
34		Faculty Development
38		Continuing Medical Education
42		Library Services
46		Professional Development
48		Honors and Awards
50		Fast Facts
52		Contact Us

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Graduate Medical Education

Visit: childrensmercy.org/GME

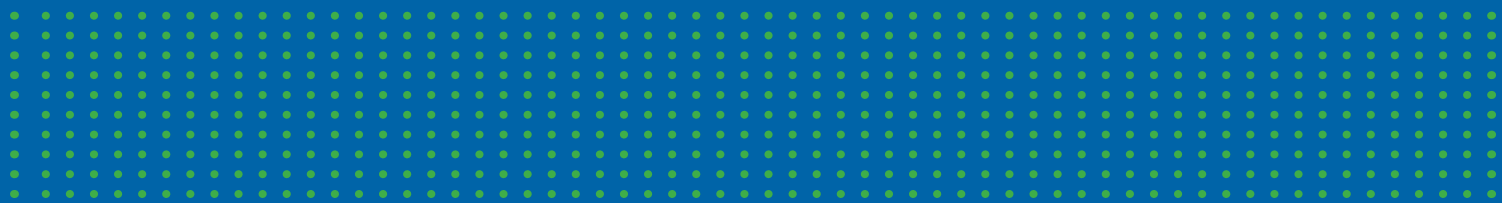
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Charles Roberts, MD, Executive Vice President for Medical Administration, retires 43 years after starting as a pediatric resident.

Overview



As we look back on this past year we are struck by the consistent theme of high-quality teams doing work to improve the health and welfare of all children. As a department, we collaborate across the continuum of learners with the full breadth of seven clinical departments at Children’s Mercy. At each step along the way, we encounter multidisciplinary and interprofessional teams that extend beyond our walls to partnering institutions, our community and even the world. Whether we are engaging in patient-centered, family-centered care on the inpatient teams, working in integrated multispecialty clinics, collaborating with multiple academic institutions, or partnering with the greater Kansas City community, excellent teams propel our progress.

Mental Health Specialist Becomes Valued Member of the Team

As the Accrediting Council for Graduate Medical Education (ACGME) places greater emphasis on wellness efforts within training programs, the Children’s Mercy Graduate Medical Education (GME) has implemented a variety of activities and services for their trainees. Some activities, such as happy hours or group bonding events, were simple changes to create a shared and enjoyable experience, but other changes in the department have had a greater impact.

In June 2016, the pediatric residency program expanded its team by incorporating a therapist, Ann Hakan, LPC. Hakan is a licensed professional counselor with previous experience and focuses on working with those in the health care field, as well as issues specific to individuals who work in it. Hakan had a special interest in meeting with the residents because her daughter also had been a resident at Children’s Mercy. Initially, the residency program scheduled the incoming intern

residents for an optional 30-minute appointment with Hakan during their two weeks of orientation. This first appointment normally consists of an introduction and conversation concerning starting residency and support systems that are in place, as well as any prior concerns or personal life issues. The orientation check-in meetings resulted in feedback that encouraged the program to set up an additional optional appointment for each intern six months into their residency.

The program has developed further as Hakan is now a member of the Employee Assistance Program (EAP) at Children’s Mercy. New trainees still meet with Hakan each year during orientation, but now are able to decide if they would like to meet with her more regularly by reaching out to her directly or on an as-needed basis through the Children’s Mercy Employee Assistance Program. Through an agreement with Children’s Mercy and

Hakan, the EAP now offers five free consultations per employee, and has set up the option for any employees to meet with her when they would like and schedule those meetings themselves. Hakan has created set times that are available for Children’s Mercy employees and onsite meeting space is also available. Due to the continued feedback from learners of the value of meeting with Hakan during orientation, it was decided to make the option for the wellness appointments available to the fellows in the Children’s Mercy fellowship program as of July 2017.

Since the start of the program in June 2017, Hakan has met with all 33 of the interns each year for an initial meeting, and an additional 31 interns met for their check-in appointments halfway through the first year in 2017. From July 2018 through May 2019, Hakan has seen 43 residents and fellows. An additional 27 trainees have reached out to her for appointments on an as needed basis. ●

Global Health Team Reaches Beyond its Borders to Educate Trainees

The Global Health Track at Children’s Mercy Kansas City has gained recognition nationwide for its strength in training outstanding residents prepared to better manage patients internationally, as well as within their own communities. In the fall of 2018, more than half of the first-year class applied for the Global Health Track at Children’s Mercy. Additionally, a platform was built that allowed track participants to work through the curriculum using an education style that would fit their needs. “The Children’s Mercy Global Health Track is a model program with great leadership and a team of people focused on constant improvement,” says Denise Bratcher, DO, Chair of Graduate Medical Education.

Internally, the Director of Global Health Education, Jennifer Watts, MD, put much of the focus in 2018-19 on reformatting and updating the curriculum. The global health leadership team, comprised of three additional faculty members as well as a coordinator, developed activities around each objective to ensure each resident has adequate knowledge regarding that topic while allowing for multiple learning styles. This standardization is vital to ensuring that residents in the track have

the same baseline knowledge to better care for and empathize with their patients locally and abroad, while still acknowledging that trainees learn in different ways. In addition, the process for trainees traveling abroad was standardized with oversight by Dr. Watts so that each residency and fellowship director did not need to recreate a process for international travel.

For the local piece of training, each resident in the Global Health Track participates in a month of activities focused on global health education in Kansas City and the surrounding area. One of the curriculum topics is Communication Across Cultures, which includes the objective “Display effective communication skills (including both spoken language and non-verbal cues) and humility when discussing medical information with families from different cultures, particularly to those for whom English is a second language.” For this particular objective, residents participate in a lecture on navigating cultural differences as well as attend a CONSEJO meeting, which is the Children’s Mercy Spanish Family Advisory Board with the intent to develop better awareness and tools around communicating with



The Global Health Leadership Teams listen to Clayton Mowrer, MD, Medicine-Pediatrics resident discussing his international rotation.



Vickie Blanco, MD, rotated at several clinical sites in Panama.

patients and families from different cultures. Another objective encourages demonstration of the ability to effectively use an interpreter. Although residents frequently utilize interpreter services in their continuity clinic, during their community global health month they shadow an interpreter to receive insight into the process of interpreting for families, as well as acknowledge barriers to effective communication.

Externally, Dr. Watts represented the Children's Mercy Global Health Track and Program on the Association of Pediatric Program Directors Global Health Learning Community Steering Committee, had chapter contributions included in the American Board of Pediatric Global Health Program Director Guide, and reviewed abstracts for the Section of International Child Health in the American Academy of Pediatrics. This increased representation and collaboration with global

health programs nationally has led to multiple research collaborations, as well as networking and career opportunities for trainees. One past graduate of the track, Anik Patel, MD, is currently a pediatric global, rural and underserved child health fellow at the University of Utah. He states, "The global health track gave me the confidence to go out in the world and do what I always dreamed of doing." ●

For more information about the global health track visit: childrensmercy.org/professional-education/residencies/pediatric-residency-program/unique-experiences/global-health-track/.

Staff Accomplishments

Joanna Bradley Joanna Bradley - 2019 MSSDAR Outstanding Junior; Founding President, Public Health Student Association, SNHU; KC Plaza Rotary Club Executive Board Youth Services Chair; Children's Mercy Health Literacy Committee and QI Subcommittee; Member, Children's Mercy Family and Employee Experience Workgroup, Trauma Informed Care Workgroup, and Veterans Day Celebration Planning Committee; Coordinator Forum Discussion Leader at the ACGME Conference.

Sarah Braet – Chair, Children's Mercy Wichita Clinic Council; Co-coordinator APPD Regional Chair, term ended 3/2019.

Olivier Dagbovie - Earned his MBA from Avila University.

Jill Edwards - Co-coordinator APPD, Regional Chair term ended 3/2019.

Rachel Laws - Coordinator Planning Committee for Child Neurology Society Coordinator Conference, Oct. 2018.

Jenny Lyon - Member, MCMLA Education and Research Committees; MLA Hospital Libraries Caucus Representative to the Education Hub; received her MEd instructional design from Western Governors University.

Teresa Shepherd - Chair of the Pioneer Award committee, the Alliance for Continuing Education in the Health Professions (ACEHP) organization.

Keri Swaggart – Children's Mercy Patient Education Committee.

Danelle Vogt - Lean Six Sigma Green Belt certified.

Jennifer Watts, MD – Vice Chair of the APPD Global Health Learning Community.

Presentations and Posters

Aaronson E, Dhakal K, McCall R, **Lyon JA** [Moderator]. *Professionalism & Leadership Immersion Session 3. Searching Clinically: How to Search, Find, and Assess Information at the Point of Care, Part 2*. Medical Library Association 2019 Annual Conference, Chicago, IL, May 2019.

Arnold L, Cuddy PG, **Hathaway SB**, Quaintance JL, Kanter, SL. *Medical School Graduates Identify Personal Characteristics and Experiences Contributing to Their Leadership Success in Medicine*. The Association for Medical Education in Europe (AMEE), Basel, Switzerland, Aug. 2018.

Braet S. *Don't Be a Jerk at Work*, Children's Mercy Wichita Clinic, Jan. 2019.

Bratcher D, Moffatt M, Myers A, Nyp S, Smith T, Willig L, Beins N, Bradley J, **Hathaway SB**. *GME Action Learning: Development of Longitudinal Fellows' Grant-Writing Curriculum*. American Association of Medical Colleges Annual Conference, Portland, OR, April 2019

Hathaway SB, Myers A. *Invited Workshop: Leadership Development for Fellows*. St. Louis University School of Medicine, St. Louis, MO, March 2019.

Jackson MA, Arnold L, Cuddy PG, **Hathaway SB**, Quaintance JL, Kanter SL. *Outcomes of a Combined BA-MD Degree Program*. Annual Meeting Baccalaureate-MD Degree Program Affiliate Group, Association of American Medical Colleges Annual Meeting, Austin, TX, Nov. 2018.

Laws R. *Coordinator Wellness: Ways to Bring Change into Your Life and Those Around You and Juggling Several Programs*. Child Neurology Society Coordinator Session, Chicago, IL, Oct. 2018.

Lyon JA, Butler C, Knackstedt A, Reddy M, Rudder B. *Health Literacy Challenges and Opportunities: Bringing Children's Mercy Hospital and Kansas City Together*. Medical Library Association 2019 Annual Conference, Chicago, IL., May 2019.

Lyon JA. *Medical Fundamentals for Clinical Librarians*. Medical Library Association Continuing Education Course. January - February. 2019. (16 MLA CE credit-hours).

Lyon JA. *"Doctor Speak" for Medical Librarians: An Introduction to Laboratory Tests, Medical Imaging, and Common Drug Types*. Medical Library Association Continuing Education Course. Michigan Health Science Libraries Association Conference 2018, Traverse City, MI. (4 MLA CE credit-hours). Oct. 2018.

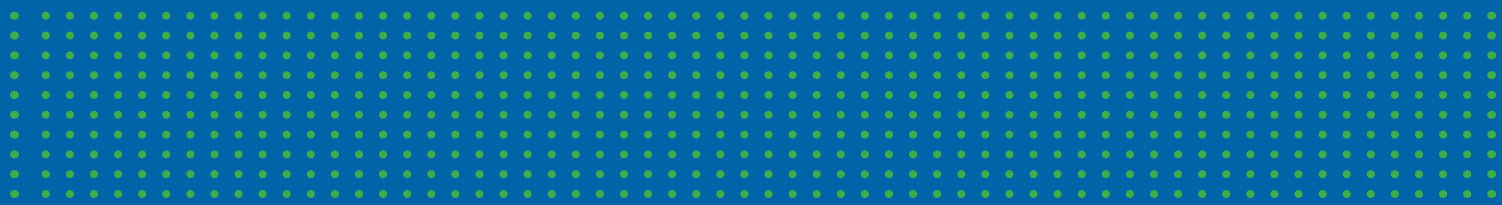
Publications

Gregory MR, Prouhet PM, Russell CL, **Pfannenstiel BR**. Quality of Life for Parents of Children with Congenital Heart Defect: A Systematic Review. *Journal of Cardiovascular Nursing* 2018 Jul-Aug;33(4):363-371.



One of our general pediatrics teams rounding.

Pediatric Residency



Pediatric Resident is Appointed as the National Representative to the Resident Review Board



Children’s Mercy Pediatric Resident, Nefertari Terrill-Jones, MD, has been appointed to the Accreditation Council for Graduate Medical Education (ACGME) Review Committee for Pediatrics. The ACGME is the accrediting body for residency and fellowship programs in the United States and recognizes

programs in GME that are in substantial compliance with its established standards of educational quality. Each specialty, from pediatrics to adult surgery and everything in between has an appointed review committee, or RRC, to conduct periodic reviews of its training program. Each RRC has only one resident member appointed to the national committee. Dr. Terrill-Jones will be the only pediatric resident in the country on the pediatric RRC!

Dr. Terrill-Jones is a Kansas City, Kan., native who graduated from Sumner High School before moving to Washington, D.C. to complete her undergraduate degree at Howard University. She then completed a Master of Science in Public Health degree and medical degree at Meharry Medical College in Nashville, Tenn., before moving back to Kansas City earlier this year to join our pediatrics residency program at Children’s Mercy. Dr. Terrill-Jones has also obtained a certificate in the Health Policy Scholars Program at the Robert Wood Johnson Foundation Health Policy School and has served as an Ella Baker Trainer/Curriculum Trainer, creating curriculum for the Children’s Defense Fund in Washington, D.C. She also volunteered time as a Jumpstart Corps member in the AmeriCorps program during her time in Washington, D.C. ●



Our Pediatric Residency Program engaged the Children’s Mercy Performance Institute to develop a Daily Management System (DMS) for our trainees. Our Chief Residents lead a huddle at our DMS Readiness Board to help prepare our inpatient teams for their daily work. Senior residents discuss workflow and patient safety while utilizing their positions as frontline leaders to problem solve issues and escalate concerns to leadership. Additionally, we developed a DMS Metrics Board as a visual representation of outcomes our residents can influence to improve patient care and our educational programs.

Pediatric Residency Directors



Ross Newman, DO, MHPE
Program Director



Angie Etzenhouser, MD
Associate Program Director



Emily Killough, MD
Associate Program Director



Danielle Reed, MD
Associate Program Director

AAP Grant Positively Impacts Kids and Their Moms

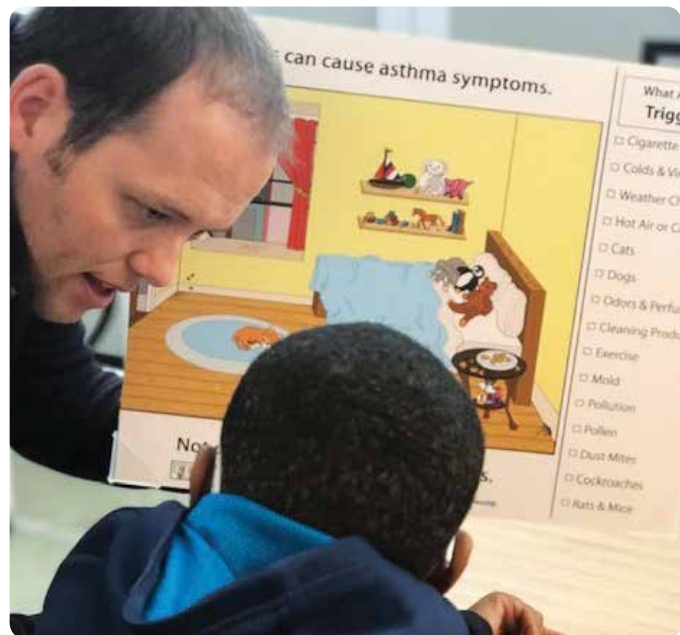
Kristin Streiler, MD, chief resident, and Danielle Gonzales, MD, PGY3, received a Community Access to Child Health, or a CATCH grant from the American Academy of Pediatrics, for their tripartite project about:

- Increasing kids’ consumption of healthy produce by teaching their moms creative ways to prepare it.
- Teaching moms about common general pediatrics topics.
- Co-hosting a smoking cessation program with internal medicine residents from the University of Kansas.

They hosted four picnics over the summer, each featuring a healthy dish involving lots of produce. Kids enjoyed the opportunity to taste new things and be creative with their dishes. One mom of a 5-year-old told them, “My daughter loves spinach thanks to your fruit and veggie smoothie day. She asks to put it in everything and thinks it’s so cool you can eat leaves! She always asks me to make her healthy snacks now. And she keeps bugging me to quit smoking!”

“My daughter loves spinach thanks to your fruit and veggie smoothie day.”

Moms also enthusiastically participated in general pediatrics information sessions, with topics ranging from sleep to behavior to vaccines to general health. Children’s Mercy residents assisted with leading the picnics and information sessions. The smoking cessation program—involving 18 of the moms participating in the CATCH program learning from KU internal medicine residents and using nicotine replacement therapy donated by Children’s Mercy—was tremendously successful. Ten of those moms (and their collective 14 children) have remained tobacco-free for at least six months. All programs took place at Amethyst Place, a local organization that provides drug-free housing and a comprehensive array of therapeutic programs for 38 women recovering from drug or alcohol addiction and their children. Support from the AAP CATCH program made a huge difference for these families!



Sean Stout, MD, and Susamita Kesh, MD, at Operation Breakthrough.

A Fly on the Wall in the Chief Residents' Office

A pediatric chief resident is a recently graduated general pediatrician who has been chosen by the Pediatric Residency Program leadership representing the best administration, education and recruitment interests of the residents.

This is a one-year appointment that immediately follows completion of residency training, and at Children's Mercy, the role currently requires a complement of three full-time chief residents.

Traditionally, the chief residents are on call 24 hours a day, seven days a week for the residents and the hospital divisions in which residents provide patient care. They represent Graduate Medical Education and the Residency Program by serving on a variety of hospital committees, and they spend clinical time as inpatient general pediatrics attending physicians for a total of 12 weeks of service combined annually. They also are tasked with organizing educational conferences for the residents and medical students who rotate through Children's Mercy.

As general pediatricians are encouraged and expected to be champions of advocacy, research/quality improvement and wellness, an innovative and recent separation of specific tasks among the chief residents has led to improvement in various non-clinical opportunities for the residents. Each of the three chief residents now chairs a committee of residents to increase exposure directed at one of these three non-clinical tenants of pediatrics. This organizational strategy began in July 2018, and has led to an increase in resident engagement, both with respect to participation in institutional opportunities at Children's Mercy, as well as organizing outside community events that promote child health and/or physician wellness.

In regard to advocacy, one chief resident leads a committee of residents who are interested in participating and planning events within the community. The goal is to make a positive impact in children's health within the Kansas City area. Events this year have included providing smoking cessation education and resources to mothers at Amethyst Place, teaching children at Operation Breakthrough about asthma and its effects on the lungs, and maintaining a community garden that supplies local food kitchens. Residents have found these opportunities to be rewarding because they enjoy making a positive impact in the lives of their patients, and they particularly relish any chance to do so outside the hospital.

The Wellness Committee is chaired by a second chief resident whose responsibility is to help residents brainstorm and implement activities that will amplify the sense of community within the residency program. This committee has been exceptionally successful all year with high turnout rates for activities such as group karaoke, bowling and even a trip to the pumpkin patch. Residents' children and significant others are encouraged to attend these events as well, which has noticeably increased participation.

"Simply put, a chief's role is to serve as an advocate for resident physicians."

In addition to the direct patient care that resident physicians are expected to provide as the foundation of their responsibilities, access to extracurricular academic and scholarly opportunities help with professional development and career building.

The third chief resident chairs a Research/Quality Improvement arm of the residency program by representing the residents on the Research Education Committee, leading a committee of residents who plan a quarterly journal club, matching residents interested in research with faculty who are experienced mentors, and serving as a billboard of advertisements for various conferences where residents might be interested in presenting their scholarly activities. The residency program has seen an increase in scholarly activity logged, and this year alone residents have presented their work at conferences in Seattle, Atlanta, Vancouver, Orlando and Italy, just to name a few.

Simply put, a chief resident's role on the team is to serve as an advocate for resident physicians, both professionally and personally. Our residency program is known for the high-quality clinical training that residents receive during their three to four years of residency in Kansas City. In addition to educating future pediatricians on clinical care, the chief residents are elevating the attention and exposure to opportunities in advocacy, research and wellness that our trainees deserve. Importantly, these efforts to augment the residency experience will also improve the high quality of patient care that residents will undoubtedly provide their patients and families as future general pediatricians. ●



2019 Graduating Med/Peds residents with some of their faculty.

Internal Medicine/Pediatric Residency

Med/Peds Residents Function Seamlessly Alongside Pediatric Residents

The University of Missouri-Kansas City (UMKC) School of Medicine, Internal Medicine/Pediatrics Residency Program matches six residents yearly for a total of 24 residents in their program. An agreement between UMKC School of Medicine and Children's Mercy Hospital creates a combined program that fully integrates the internal medicine-pediatrics residents into the Pediatrics Residency Program at Children's Mercy, from orientation to their graduation four years later. Through curricular, clinical and human resource processes that have evolved over time, the internal medicine-pediatric residents transition back and forth from medicine rotations to pediatric rotations every three months. While only spending 50% of their residency rotations at Children's Mercy, the improved processes create an environment where the residents are fully integrated with their pediatric resident counterparts.

Orientation is a two-week series of training and lectures that are necessary to provide patient care at Children's Mercy. Internal medicine-pediatric residents participate in the majority of sessions to educate them on hospital policies and procedures and to start relationships early among

the classes. Beginning July 1 each year, three med-peds interns will start on the medicine side, and the other three will start on pediatrics rotations. By completing three rotations with each specialty before switching, residents are able to become more comfortable with the electronic medical records systems, co-residents and cultures of the hospitals in which they work.

Another way that the programs function together effectively is through regularly scheduled meetings of program leadership. Internal medicine-pediatrics and pediatric program directors and program coordinators meet weekly and on an as-needed basis to stay up to date on institutional and program-level information and changes. Changes are made with residents in mind, and having all parties present eliminates roadblocks or errors once changes are in place.

Beginning in July 2019, medicine pediatrics residents will be licensed in Kansas in addition to their licenses in Missouri. This change establishes further uniformity in the programs and gives the residents access to any rotations or experiences they might want to participate in at Kansas sites.●

Congrats to Dr. Jacqueline Kitchen for Being Accepted into the APPD LEAD Program

The Association of Pediatric Program Director's (APPD) "LEAD" Program has been a source of education-related leadership training for a number of faculty. Jacqueline Kitchen, MD, MS, joins Joe Cernich, MD, Endocrinology; Angie Etzenhouser, MD, Hospital Medicine; Mary Moffatt, MD, Child Abuse Pediatrics and Emergency Medicine; Angie Myers, MD, MPH, Pediatric Infectious Diseases; Lina Patel, MD, Emergency Medicine; and Ross Newman, DO, MHPE, General Academic Pediatrics, who have all participated in this program over the past four cohorts.

Internal Medicine/Pediatric Residency



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



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



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

Resident Accomplishments

Posters and Presentations

Black KP, Lim J, Lyman B. *Is It Possible to Predict the Need for Early Gastrostomy Tube in Neonates with Short Bowel Syndrome?* North American Society for Pediatric Gastroenterology, Hepatology and Nutrition, Hollywood, FL, Oct. 2019; and Pediatric Intestinal Failure and Rehabilitation Symposium, Pittsburgh, PA, Sept. 2018.

Black KP, Watts J. *Gastroenterology Elective in the Philippines.* Poster: Global Health Grand Rounds. Kansas City, MO, June 2019. June 2019.

Blanco M. *Pediatría en Panamá: A Spanish International Health Experience.* Poster: Global Health Grand Rounds. Kansas City, MO, June 2019.

Bonanni E, Kesh S, Mulhall D. *Strategy for Improving Timeliness of New Consults in Inpatient General Pediatrics.* Poster: 6th Annual Vijay Babu Rayudu Quality and Patient Safety Day. Kansas City, MO, May 2019.

Burns K. *Global Health Elective in Rural Guatemala.* Poster: Global Health Grand Rounds. Kansas City, MO, June 2019.

Cameron W, Neuhaus H, Palfreeman J. *Evaluation of the Equality of Family Centered Rounds.* Poster: 6th Annual Vijay Babu Rayudu Quality and Patient Safety Day. Kansas City, MO, May 2019.

Chi A, Krzywda K, Pouladian I. *Helping Parents Understand Medications Administered in Hospital.* Poster: 6th Annual Vijay Babu Rayudu Quality and Patient Safety Day. Kansas City, MO, May 2019.

Daniel A. Global Health Experience: Laos. Poster: Global Health Grand Rounds. Kansas City, MO, June 2019.

Dowling PJ, **Neuhaus HN**, Polk BI. *Parental Observation of Environmental Exposures in the Home of Children with Asthma.* Academy of Allergy, Asthma and Immunology Annual Conference. San Francisco, CA, Feb. 2019.

Dowling PJ, **Neuhaus HN**, Polk BI. (2018). *The Role of the Environment in Eosinophilic Esophagitis.* *Clinical Reviews in Allergy and Immunology.* doi:10.1007/s12016-018-8697-9.

Garner RT, Lepse A, Stout S. *Improving Satisfaction with Discharge Instructions and Communication.* Poster: 6th Annual Vijay Babu Rayudu Quality and Patient Safety Day. Kansas City, MO, May 2019.

Gonzales D. *Panama: Exploration of multiple health care settings and Spanish immersion.* Poster: Global Health Grand Rounds. Kansas City, MO, June 2019.

Grumke A. *Philippine Children's Medical Center Dr. Jose Fabella Memorial Hospital.* Poster: Global Health Grand Rounds. Kansas City, MO, June 2019.

Kesh S, Jones B. *Racial/Ethnic Demographics of Participants in Clinical Trials of Biologics Used for Asthma.* Poster: American College of Allergy, Asthma & Immunology Annual Meeting. Seattle, WA, Nov. 2018.

Kesh S, Noel-Macdonnell J, Aljubran S. *Association of Quinoa and Rice Sensitization.* Oral Presentation: World Allergy Organization International Scientific Conference. Florence, Italy, Dec. 2018.

Krzywda K, Wagner J. *Maximal Oxygen Consumption Recovery Delay in a Fontan Population.* 22nd Annual Update on Pediatric and Congenital Cardiovascular Disease Conference, in Huntington Beach, CA, Feb. 2019.

McDowell MD, Estrellado-Cruz W. *Chronic Cavitary Pulmonary Aspergillosis with Aspergilloma in a Previously Healthy Teenager.* American Thoracic Society-ATS. Poster: San Diego, CA, May 2018.

Nalin UG, **Stout SC**, Portnoy J. *Single inhaler – Maintenance and Reviewer Therapy (SMART) in Pediatric Asthma.* Current Opinion in Allergy & Clinical Immunology. In press.

Neuhaus HN, Jones B. *Parental Observation of Environmental Exposures in the Home of Children with Asthma.* *The Journal of Allergy and Clinical Immunology.* 2019. 143(2): AB234.

Nikaeen N. *Global Health Elective: Trujillo, Peru.* Poster: Global Health Grand Rounds. Kansas City, MO, June 2019.

Pomo P. *Global Health Elective in San Pedro La Laguna, Guatemala.* Poster: Global Health Grand Rounds. Kansas City, MO, June 2019.

Prest LN. *Improving First Step Referrals from the NICU.* *MO AAP Advocacy Days.* Columbia, MO, Sept. 2018.

Schweisberger C. *Gender Minorities in the Adolescent PCOS Population.* Poster: North American Society Pediatric Adolescent Gynecology. New Orleans, April 2019.

Seguin C, Lantos J. *Ethics Education During Pediatric Residency.* CMH The Link. March 2019.

Simon D, Colombo J, Schurman J, Friesen C. *Biliary Dyskinesia in Children and Adolescents: A Systematic Review of Treatment Outcomes.* *World Journal of Gastroenterology.* [Submitted]



Page Pomo, MD
Daniel C. Darrow Award Recipient

Stout S, Greninger AL, Selvarangan R, Freeman AF, Newell BD, Stahl ED, Yin DE. *Herpes Simplex Virus Whole Genome Sequencing for Antiviral Resistance in a Child With DOCK8 Deficiency and Chronic Infection*. Poster: Clinical Immunology Society. Atlanta, GA, April 2019.

Streiler K, Kesh S. *Improving Handoffs by Incorporating a Standardized IPASS Section into the Written Handoff Document*. Poster: Children's Mercy National Healthcare Quality Week. Kansas City, MO, Oct. 2018; and Healthcare Human Factors Symposium. Chicago, IL, March 2019.

Streiler K, Kesh S. *Resident Great Catches*. Poster: Children's Mercy National Healthcare Quality Week Poster Symposium. Kansas City, MO, Oct. 2018

Zanaboni C. *Global Health Experience in the Philippines*. Poster: Global Health Grand Rounds. Kansas City, MO, June 2019.

Research Days Oral Presentations by Residents

Black K, Lyman B, Curiel K, Keeler D, Lim J. *Is it Possible to Predict the Need of Gastrostomy Tube in NICU Patients with Short Bowel Syndrome?*

Krzywda K, White D, Teason K, Gudar S, Wagner J. *Maximal Oxygen Consumption Recovery Delay in a Fontan Population*.

Marasigan J, Schwend R. *Operative Times in Adolescent Idiopathic Scoliosis Surgery. What Do They Mean?*

McNeill A, Miller MK, Stancil S, Randell K. *A Retrospective Review of Project InStRuCT: Improving Sexual and Reproductive Health Amongst At-risk Teens*.

Morrow R, Sherman A, Becker M, Funk R, Shaknovich V. *Methotrexate Polyglutamates and the Potential Role in Pediatric Inflammatory Bowel Disease*.

Research Days Poster Presentations by Residents

Chi A, Roberson J. *Mismanagement of a Cervical Spine Fracture by Multiple Health Care Providers in a High School Football Player*.

Gonzales DN, Reed D. *Who Codes in the NICU: an Analysis of Differences Between Neonatal Code Blue Events and Rapid Responses and Subsequent Outcome*.

Kesh S, Streiler K, Etzenhouser A. *Improving Handoffs by Incorporating a Standardized IPASS Section into the Written Handoff Document*.

Kesh S, Jones B. *Racial/Ethnic Demographics of Participants in Clinical Trials of Biologics Used for Asthma*.

Kesh S. *Resident Great Catches: Recognizing Resident Physicians*.

Lundy PA, Vlastos E, Grabb P. *Fetal Ventricular Measurement in Determination for Intrauterine Closure of Myelomeningocele*.

McDowell MD, Estrellado-Cruz W. *Chronic Cavitory Pulmonary Aspergillosis with Aspergilloma in a Previously Healthy Teenager*.

Meilak K, Kaye A, Singh V, Brown L, Feldt M. *Lymphocytic Lobulitis Presenting in an Adolescent Female: A Case Report*.

Neuhaus H, Jones B. *Parental Observation of Environmental Exposures in the Home Of Children with Asthma*.

Prest L, Fenstermann L, Koons T, Khmour A. *Improving NICU referrals to the Missouri Early Intervention Program (First Steps)*.

Schweisberger C, Sherman A, Barral R, Burgert T, Hornberger L. *Prevalence of Sexual Minorities among Adolescents Evaluated for Polycystic Ovary Syndrome*.

Stout S, Greninger AL, Selvarangan R, Freeman AF, Newell BD, Stahl ED, Yin DE. *Herpes Simplex Virus Whole Genome Sequencing for Antiviral Resistance in a Child with DOCK8 Deficiency and Chronic Infection*.



Graduating resident Naseem Nikaeen, MD, shares her Global Health experience with Program Director, Ross Newman, DO.



David Synhorst, MD, Pediatric Hospital Medicine Fellow.

Fellowship Programs

Children's Mercy Recruits for New Academic General Pediatrics Fellowship

Tyler K. Smith, MD, MPH, who joined Children's Mercy in 2018, was hired to create and build the Children's Mercy Academic General Pediatrics (AGP) fellowship training program. Dr. Smith comes to Children's Mercy with a wealth of knowledge and experience, having completed her General Academic Pediatrics Fellowship at Johns Hopkins University School of Medicine.

The Academic General Pediatrics fellowship is designed to provide advanced education to highly-qualified physician educators with a passion for medical education, research, leadership, child advocacy and clinical care of pediatric patients. The training experience will increase the breadth and depth of participants' understanding of pediatric and academic medicine.

Dr. Smith, AGP fellowship program director said, "The mission of the fellowship training program is to prepare and train pediatric clinicians for careers in academic medicine as medical educators and independent researchers for underserved communities and populations."

The first year that the AGP fellowship will recruit here at Children's Mercy will be 2019. Dr. Smith said, "In our first fellow, we are looking for someone who has an interest and passion for medical education, program design/development, and a desire for innovative ways to improve child health through medical education."

The AGP fellow will work at the Broadway outpatient clinics, including primary care, teen and specialty clinics as well as full-term nursery at Truman Medical Center. Since medical education and research are large components of the program, the fellow will also complete either a master's degree or certificate in health professions education while in fellowship.

"What I am most excited about with starting the AGP fellowship is mentoring pediatricians in becoming excellent educators and academicians," said Dr. Smith

For more information on the AGP fellowship visit: childrensmercy.org/professional-education/fellowships/academic-general-pediatrics-fellowship/. ●



Tyler K Smith, MD, MPH, Academic General Pediatrics Fellowship Program Director.



Brad Olney, MD, Chairman, Department of Orthopedic surgery and Musculoskeletal Science and Donna Pacicca, MD

New Fellowship Pediatric Orthopedic Surgery

Children’s Mercy Hospital is excited to announce the new Pediatric Orthopedic Surgery Fellowship, which recently received accreditation from Accreditation Council of Graduate Medical Education. Under the direction of Nigel Price, MD, this fellowship will provide a competitive edge in the pediatric orthopedic surgery field. The department will provide training in comprehensive trauma, hand, musculoskeletal, sports medicine, spine and general orthopedic services along with having an established research program.

“We will provide a fellow with opportunities to be broadly trained

in pediatric orthopedics becoming comfortable with complex reconstruction and exposure to trauma,” Dr. Price said. The Pediatric Orthopedic department has over 4,500 outpatient visits per year and is staffed by 12 faculty, one of the larger programs in the country.

The fellowship will be enrolled in the San Francisco Match for the 2021-22 academic year for this one-year fellowship. Dr. Price states, “Our fellow will be in a variety of patient settings, have the latest in technology for surgeries, and exposure to a world-class sports medicine facility.” ●

Current Fellowship Programs

- Allergy/Immunology
- Child Abuse Pediatrics
- Child Neurology
- Child Psychology Internship
- Clinical Pharmacology
- Congenital Cardiac Surgery
- Developmental-Behavioral Pediatrics
- Epilepsy
- Headache Medicine
- Hospice and Palliative Care
- Laboratory Genetics and Genomics
- Neonatal and Perinatal Medicine
- Pediatric Anesthesia
- Pediatric Cardiology
- 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

2018-19 Problem-Solving for Fellows

Problem-Solving for Fellows is a participative learning experience at Children's Mercy designed to allow fellows to practice an A3 mindset for problem-solving. It is a framework that will be used throughout their career to continuously improve the quality of patient care and productivity of the work environment and clinical teams. Not only are the projects designed to improve patient care within interdisciplinary teams, but they leverage the expertise of coaching staff from a wide range of professions.

PROGRAM	PROJECT TITLE	PROJECT TITLE	COACHES
Pediatric Anesthesia	Joan Strong, MD	Unplanned Intraoperative Extubations during Cranial Vault Reconstruction Sphinx Position	Mary Hunter, BSN, and Meredith Kopp, BSN, CNOR, CPHQ
Pediatric Emergency Medicine	Vivek Dubey, MD, Eric Nau, MD, and Marc Syscip, MD	Blood Pressure for Shunted Patients in Children's Mercy Adele Hall ED	Kaitlyn Hoch, MBA, BHS, RT, and Amy Scott
Pediatric Gastroenterology	Nathan Fleishman, MD, and Taina Jausurawong, DO	Iron Infusion and Anemia in IBD Patients	Abiye Okah, MD, FAAP, and Shannon Lysaught, BSN, CPN, MBA
Pediatric Hematology/Oncology	Sana Farooki, MBBS, and Oluwaseun Kemi Olaiya, DO	Palliative Care in Pediatric Oncology Patients	Nick Clark, MD, FAAP, CPHQ
Allergy/Immunology	Rebin Kader, DO, and Niharika Rath, MD	Intake and On-Time Starts	Ken Sam, BS, LSSBB, and Helen Murphy, BHS RRT AE-C
Pediatric Infectious Diseases	Katie VanderVelde, MD	Optimization of Surgical Prophylaxis in Penicillin-Allergic Labeled Patients	Kate Gibbs, MHA, CCLS, and Rana El Feghaly, MD, MSC
Pediatric Nephrology	Nisha Singh, MBBS	Vein Preservation in Children with Advanced Chronic Kidney Disease and End-Stage Kidney Disease	Charity Thompson, PharmD, BCPS, and Kristi Williams, MD
Pediatric Rehabilitation	Mark Fisher, MD, and Diana Marchese, DO	Physical Activity Education in Cerebral Palsy A3	Andrea Raymond, BA-HCM, RRT-NPS, CPHQ, and Julia Harris, MD
Pediatric Hospital Medicine	Joy Solano, MD	Decreasing Medical Jargon on Rounds	Matt Kafka, MSIE, CPHQ, SSGB, and Christina Gutierrez, MBA, MSN, CPN, CPHQ

Fellowship Accomplishments

Kyler K, Smolderen K. 2018 Sarah Morrison Research Award for *Variation in Medication Dosing and Guideline Adherence by Weight Status for Commonly Prescribed Medications during Pediatric Asthma Hospitalizations*.

Kyler K - Earned her Master of Science in Bioinformatics from the University of Missouri-Kansas City School of Medicine with her Thesis, *Drug Dosing Guideline Non-Adherence Increases with Weight in Children Hospitalized with Asthma*.

Issa A - Served as a peer reviewer for the Journal of Pediatric Gastroenterology and Nutrition.

Oral Presentations

Adelson JL, Little CA, **Pittard CM**. *Recognizing Potential in the Early Grades: Supporting Opportunities for Access*. National Association for Gifted Children Annual Convention, Minneapolis, MN, Nov. 2018.

Adelson JL, Little CA, **Pittard CM**, Kearney KL, O'Brien R. *Summer Program Effects on Geometry Achievement*. American Educational Research Association Annual Meeting and Exhibition, Toronto, Canada, April 2019.

Aly D, Parthiban A. *Congenital Echo Jeopardy*, Greater Kansas City Echo Symposium, Kansas City, MO, April 2019.

Aly D, Shirali G, Goudar S. *Ability of Video Telemedicine to Predict Unplanned Hospital Readmissions for Single Ventricle Infants*. CHOP's Cardiology, Huntington Beach, CA, Feb. 2019. (Best Investigator Award)

Bates C, Bohnert A, Buscem J, Vandell DL, Lee KTH, Bryant FB. *Family Entropy: Understanding the Organization of the Home Environment and Impact on Weight in Elementary School Children*. Society of Behavioral Medicine, Washington, DC, March 2019.

Benedict LA, Sujka J, **Sobrinho JA**, Aguayo P, Ostlie DJ, St. Peter SD, Oyetunji T. *Setting a Threshold for Discharge Antibiotics for Children with Perforated Appendicitis*. Pacific Association of Pediatric Surgeons Annual Meeting, Sapporo, Japan, Nov. 2018.

Calkins-Smith A. *Psychological Treatment for Chronic Pain*. The Greater Kansas City Psychological Association, Kansas City, MO, Oct. 2018.

Calkins-Smith A, Chakawa A. *Treating Pediatric Pain in Outpatient Settings*. Greater Kansas City Psychological Association, Kansas City, MO, Oct. 2018.

Cammack B, Noel-MacDonnell J, Cuna A, Manimtim W. *Impact of Tracheostomy on Language and Cognitive Development in Infants with Severe Bronchopulmonary Dysplasia*. The Children's Hospitals Neonatal Consortium. Columbus, Ohio, October 2018; and The Society for Ear Nose Throat 2018 Annual Conference, Houston, TX, Oct. 2018.

Can Ermerak B, Stahl E. *Failure of Methotrexate Monotherapy and Subsequent Response to Tumor Necrosis Factor Inhibitors in Pediatric Non-Infectious Uveitis*. American Association for Pediatric Ophthalmology and Strabismus, 45th Annual Meeting, San Diego, CA, March 2019.

Can Ermerak B, Stahl E. *Obstructive Melbomian Gland Dysfunction*. 3rd Annual Midwest Pediatric Ophthalmology Symposium, Kansas City, MO, Sept. 2018.

Chakawa A. *Addressing Barriers to Mental Health Service Utilization among Traditionally Underserved Groups*. Greater Kansas City Psychological Association, Kansas City, MO, March 2019.

Choi PM, Dekonenko C, Dorman M, Aguayo P, Juang D. *Another Study about Firearm Injuries: It's Not Just a Big City Problem*. Western Pediatric Trauma Conference, Telluride, CO, July 2019.

Dekonenko C, Benedict LA, Sujka J, **Sobrinho J**, Dorman RM, Aguayo P, Ostlie DJ, St. Peter SD, Oyetunji TA. *Setting a Threshold for Discharge Antibiotics in Children with Perforated Appendicitis*. Annual Academic Surgical Congress Meeting, Houston, Texas, Feb. 2019.

Dekonenko C, Dorman RM, Aguayo P, Juang D, **Choi P**. *Another Study about Firearm Injuries: It's Not Just a Big City Problem*. American College of Surgeons Missouri Chapter Annual Meeting, Lake Ozark, MO, May 2019.

Dekonenko C, Dorman RM, Pierce A, Orrick B, Juang D, Aguayo P, Fraser JD, Oyetunji TA, Snyder CL, St. Peter SD, Holcomb GW. *Outcomes Following Dynamic Compression Bracing for Pectus Carinatum*. Annual International Pediatric Endosurgery Group Meeting, Santiago, Chile, March 2019.

Dekonenko C, Hyun JS, Dorman RM, Boozer A, Hendrickson RJ, Fraser JD. *Pediatric Trauma Whipple: A Literature Review and Rare Case of Survival*. American College of Surgeons Missouri Chapter Annual Meeting, Lake Ozark, MO, May 2019.

Dekonenko C, Hyun JS, Dorman RM, St. Peter SD, Oyetunji TA. *Self-reported Outcomes Following Cholecystectomy for Hyperkinetic Biliary Dyskinesia*. Annual Academic Surgical Congress Meeting, Houston, TX, Feb. 2019.

Dorman RM, Benedict LA, Sujka J, **Sobrinho J, Dekonenko C**, Andrews WS, Warady B, Oyetunji TA, Hendrickson RJ. *Safety of Laparoscopic Gastrotomy in Children Receiving Peritoneal Dialysis*. Annual Academic Surgical Congress Meeting, Houston, TX, Feb. 2019.



Carolyn Bates, PhD, presents her novel research on the organization of the home environment.

Dorman RM, Dekonenko C, Sobrino JA, Noel-MacDonnell J, Oyetunji TA. *Prevalence and Significance of Preoperative Bilirubin Testing in Hypertrophic Pyloric Stenosis.* Annual Academic Surgical Congress Meeting, Houston, TX, Feb. 2019.

Dorman RM, Dekonenko C, Sola R, Sujka J, Benedict AL, Duran Y, Abdelhadi RA, St. Peter SD. *MIC-KEY vs MiniONE Gastrostomy Button: A Randomized Cross-over Trial for Parent Preference.* Annual International Pediatric Endosurgery Group Meeting, Santiago, Chile, March 2019.

Farooki S, Olaiya OO, Lewing K, Clark N. *Increasing Palliative Care Team Involvement in Pediatric Oncology Patients.* Vijay Babu Rayudu Quality & Patient Safety Day at the University of Missouri-Kansas City, Kansas City, MO, May 2019.

Ferreira A, Qayam J. *Acute Acquired Comitant Esotropia (AAE)-Identifying These Patients From The Rest.* Southern Educational Congress of Optometry, New Orleans, LA, Feb. 2019.

Kassing F, Lochman J, Fite PJ, Jarrett M, **Poquiz JL.** *Methodologies: Community Context on Children's Adjustment.* Association for Behavioral and Cognitive Therapies Annual Convention, Washington, DC, Nov. 2018.

Katz NK, Jawdat O. *Myasthenia Gravis- Lambert Eaton Myasthenic Syndrome Overlap Syndrome.* Grand Rounds. University of Kansas School of Medicine, Kansas City, KS, Feb. 2019.

Kearney KL, Adelson JL, Roberts AM, **Pittard CM,** O'Brien R, Little CA. *Access and Identification: Gifted Program Identification Following Early Referral for High-Potential Behaviors.* American Educational Research Association Annual Meeting and Exhibition, Toronto, Canada, April 2019.

Lansdon L, Farooqi M. *A Reference Sequence Discrepancy Results in the Incorrect Annotation of a Clinically-Relevant Variant in RECQL4.* Association for Molecular Pathology Annual Meeting, San Antonio, TX, Nov. 2018.

Mathis C, Tisma-Dupanovich S, Malloy-Walton L, Papagiannis J. *AV Nodal Reentrant Tachycardia In Patients With Twin AV Nodes.* Oral abstract. Heart Rhythm Scientific Sessions, San Francisco, CA, May 2019.

Moser C, **Poquiz J.** *What Can You Do for LGBTQ Youth?* University of Kansas, Kansas City, KS, Nov. 2018

Porath B, Farooqi M. *Occurrence of Medulloblastoma in a Patient with Curry-Jones Syndrome.* Association of Molecular Pathology Annual Meeting and Expo, San Antonio, TX, Nov. 2018.

Pourakbar S, **Olaiya O,** Woods G, Reisz C. *Modeling Inpatient Opioid Consumption Patterns in Teenagers with Sickle Cell Disease.* National Sickle Cell Disease Scientific Meeting, Washington DC, June 2019.

Rao K, Daniel J, Pallotto E, Oschman A, Lewis T. *Challenges of Encountering Infant Delirium on ECMO.* Annual Children's National Symposium: ECMO & the Advanced Therapies for Cardiovascular and Respiratory Failure, Keystone, CO, Feb. 2019

Rao K, Palmer B, Schneider C, Huitt B, Terhune M, Orwick A, Wilderson D, Carboneau S, McKee J, Meinert K, Pallotto E. *Decreasing Unplanned Extubations by Taping Technique and Creating a Culture of Safety.* Pediatric Academic Societies Meeting, Baltimore, MD, April 2019.

Richardson K, Fouquet S, Kerns E, McCulloh R. *Assessing the Impact of a Mobile Device-Based Clinical Decision Support Tool on Guideline Adherence and Mental Workload.* ID Week, San Francisco, CA, Oct. 2018.

Shwaish N. *Anomalous Left Coronary Artery from the Right Sinus with Restenosis Following Unroofing Surgery.* Texas Children's Hospital and Baylor Medical Center 4th Symposium on Coronary Artery Anomalies, Houston, TX, Dec. 2018.

Smith JM. *An Atypical Case of Exertional Chest Pain.* American Academy of Pediatrics National Conference. Orlando, FL, Oct. 2019.

Sobrino JA, Alemayehu H, Juang D, St. Peter SD. *Laparoscopic Ladd Procedure for the Management of Malrotation and Volvulus.* Canadian Association of Paediatric Surgeons 50th Annual Meeting. Toronto, Ontario, Sept. 2018.

Sobrino JA, Alemayehu H, Juang D, St. Peter SD. *Fundoplication for Refractory Gastroesophageal Reflux Disease Following Esophageal Atresia and Tracheoesophageal Fistula Reflux Disease Following Esophageal Atresia and Tracheoesophageal Fistula Repair.* American College of Surgeons Clinical Congress. Boston, MA, Oct. 2018.

Sobrino JA, Alemayehu H, Sujka JA, Benedict LA, Oyetunji T, St. Peter SD, Fraser JD. *Early Bolus Feeding after Fundoplication with or without Gastrostomy.* Academic Surgical Congress. Houston, TX, Feb. 2019.

Sobrino JA, Sujka JA, Benedict LA, Fraser JD, Lautz TB, Oyetunji TA. *Pediatric Breast Abscess: National Epidemiology and Management at Children's Hospitals.* Academic Surgical Congress. Houston, TX, Feb. 2019.

Tucker MH. *Safe Sleep Initiative.* Children's Mercy 5th Annual Regional Neonatology Conference, Kansas City, MO, April 2019.

Tucker MH, Ellis K, Linebarger J. *A Unique Model for Perinatal Palliative Care in a Level IV Neonatal Intensive Care Unit.* Pediatric Academic Societies Meeting, Baltimore, MD, April 2019.

U.G.N. *Periodic Fever Syndromes.* Children's Mercy Department of Allergy/Immunology; Conferences On-Line Allergy (COLA) Lecture Series. Kansas City, MO, Sept. 2018.

U.G.N. *Patient Care Management: Case of DRESS Children's Mercy Department of Allergy/Immunology; Conferences On-Line Allergy (COLA) Lecture Series.* Kansas City, MO, Dec. 2018.

U.G.N. *Journal Club.* Children's Mercy Department of Allergy/Immunology; Conferences On-Line Allergy (COLA) Lecture Series, Kansas City, MO, Jan. 2019.

Van Mason A. *Asthma Pharmacotherapy*. American Lung Association - Asthma Educator Institute, Columbia, MO, March 2019.

Van Mason A. *The Role of Outdoor Tree Pollen Levels on Healthcare Visits for Respiratory Infections in Infants and Toddlers: A Case Cross-over Analysis*. American Thoracic Society International Conference, Dallas, TX, May 2019.

Van Mason J. Rajee N. *Autoinflammatory Disorder in a Pediatric Patient*. Case Report Poster Presentation at American College of Allergy Immunology Conference. Seattle, WA, Nov. 2018

Van Mason J. *Asthma Medicine Devices and Demonstration*. Asthma Educator I-iate. Columbia, MO, March 2019.

Van Mason J. *Antileukotriene Therapy*. Conferences On-line Allergy. Kansas City, MO, March 2019.

Van Mason J. *Journal Club*. Conferences On-line Allergy. Kansas City, MO, Feb. 2019

Van Mason J. *Patient Management Conference: Drug Eruptions*. Conferences On-line Allergy. Kansas City, MO, Jan. 2019.

Van Mason J. *Respiratory Tract Mucosal Immunology*. Conferences On-line Allergy. Kansas City, MO, Nov. 2018.

Van Mason J. *Journal Club*. Conferences On-line Allergy. Kansas City, MO, Oct, 2018.

Poster Presentations

Abel M, **Poquiz JL**, Fite P. *Reactive Aggression and Suicidal Behaviors in Child and Adolescents Receiving Outpatient Therapy Treatment: The Moderating Role of Inhibitory Control*. National Conference in Clinical Child and Adolescent Psychology, Kansas City, MO, Oct. 2018.

Adelson JL, Little CA, **Pittard CM**. *Above-level Achievement in the Early Grades: Classroom and Assessment Implications*. National Association for Gifted Children Annual Convention, Minneapolis, MN, Nov. 2018.

Aly D, Forsha D. *Inter-vendor Reproducibility of Speckle Tracking Echocardiography Derived Strain Rate in Infants and Children*. American Society of Echocardiography, Portland, OR, June 2019.

Aly D, Shirali G, Goudar S. *Ability of Video Telemedicine to Predict Unplanned Hospital Readmissions for Single Ventricle Infants*. Update on Pediatric and Congenital Cardiovascular Disease Conference, Huntington Beach, CA, Feb. 2019. (**Top 5 Outstanding Investigator Finalist**) and American College of Cardiology, New Orleans, LA, March 2019.

Amos LE, Carpenter SL. *Heavy Menstrual Bleeding in Adolescent Females with Platelet Function Disorders*. Hemostasis and Thrombosis Research Society Scientific Symposium. New Orleans, LA, May 2019.

Amos LE, Carpenter SL. *Initial Evaluation of Adolescent Females Hospitalized with Heavy Menstrual Bleeding*. American Society of Hematology Annual Meeting. San Diego, CA, Dec. 2018.

Bates C, Dreyer Gillette M, Papa AE, Vandal J, Hampl S. *Measuring Clinical Weight Loss in Young Children with Severe Obesity: Comparison of Outcomes Using zBMI, Modified zBMI, and Percent of 95th Percentile*. Society for Pediatric Psychology Annual Conference, New Orleans, LA, April 2019. (Society of Pediatric Psychology Obesity Special Interest Group Award Winner).

Behrle N. *Reducing Transthoracic Echocardiogram Diagnostic Error in Congenital Heart Disease: A Quality Improvement Project*. Annual Update on Pediatric and Congenital Cardiovascular Disease Conference, Huntington Beach, CA, Feb. 2019.

Behrle N, Sabbir Salek M, Farahmand M, Kung E, Sanket S, Divekar A. *Applying Cardiac MR to Develop a Patient-Specific 3D Model of the Right Ventricle to Pulmonary Artery Conduit for In-Vitro Simulation*. Society of Cardiac Magnetic Resonance Annual Scientific Sessions. Bellevue, WA, Feb. 2019; and Annual Update on Pediatric and Congenital Cardiovascular Disease conference, Huntington Beach, CA, Feb. 2019.

Behrle N, Divekar A. *Vitamin D Deficiency Induced Infantile Heart Failure in the Twenty First Century: A Fault in Public Health Primary Prevention*. American Academy of Pediatrics National Conference and Exhibition, Orlando, FL, Nov. 2018.

Brown L, Bowel L, Zhang L, **McCarthy L**, Garola R, Gener M, Li W. *Burkitt-like Lymphoma with 11q Aberration: a Series of Three Cases in the Pediatric Population*. Society for Pediatric Pathology Spring Meeting, Arlington, VA, March 2019.

Calkins-Smith A, Wallace DP, Rapoff M. *Adherence Behaviors in Youth Following the Completion of an Intensive Interdisciplinary Pain Rehabilitation Program*. Society of Pediatric Psychology Annual Conference, New Orleans, LA, April 2019.

Cammack B, Noel-MacDonnell J, Cuna A, Manimtim W. *Impact of Tracheostomy on Language and Cognitive Development in Infants with Severe Bronchopulmonary Dysplasia*. Pediatric Academic Societies Annual Meeting, Toronto, Canada, May 2018.

Cammack B, Oschman A, Lewis T. *Improving Recognition and Reporting of Adverse Drug Reactions in the NICU: A Quality Improvement Project*. The Children's Hospitals Neonatal Consortium, Columbus, OH, Oct. 2018.

Chakawa A, Shapiro S. *Innovation and Culture: Using Telecommunication and Face-to-face Modalities to Address Unmet Mental Health Care Needs among African American Children*. Association for Behavioral and Cognitive Therapies Annual Convention, Washington, DC, Nov. 2018.



Joan Strong, MD, Pediatric Anesthesia Fellow, explains her research at Research Days.

Cummings L. *Genetic Predisposition to Neonatal Disseminated Herpes Simplex Virus Infection and Decreased Antibiotic Use in Well-Appearing Infants Exposed to Maternal Chorioamnionitis.* Pediatric Academic Societies Annual Meeting. Baltimore, MD, April 2019; and *Decreased Antibiotic Use in Well-Appearing Infants Exposed to Maternal Chorioamnionitis.* Annual Academic Pediatric Association Conference, Baltimore, MD, April 2019.

Cummings L, Holmes A, Gibson M, Johnston J, Farrow E, Venkatesh S. *Genetic Predisposition to Neonatal Disseminated Herpes Simplex Virus Infection.* Pediatric Academic Societies Annual Meeting. Baltimore, MD, May 2019.

Cummings L, Miner J, Churchman L, Akangire G, Weiner J, Jackson J. *Decreased Antibiotic Use in Well-Appearing Infants Exposed to Maternal*

Chorioamnionitis. Vermont Oxford Network's Annual Quality Congress. Chicago, IL, Sept. 2018; Midwest Society for Pediatric Research Annual Meeting, Royal Oaks, MI, Oct. 2018; Annual Academic Pediatric Association Conference. Baltimore, MD, April 2019 and Annual Vijay Babu Rayudu Quality & Patient Safety Day, Kansas City, MO, May 2019; and Pediatric Academic Societies Annual Meeting. Baltimore, MD, May 2019.

Dahl S, Hurley E, Lee B, Newland J, Bradley-Ewing, Donis-Miranda E, Pina K, Mackenzie A, Goggin K, Myers A. *Provider Education and Rapid Antigen Detection Test Use in Private and Academic Pediatric Clinics.* St. Jude-PIDS Conference, Memphis, TN, March 2019.

Dargan C, Li W, Tolbert J. *Treatment of Hepatosplenic T Cell Lymphoma.* American Society of Pediatric Hematology/Oncology 32nd Annual Meeting, New Orleans, LA, May 2019.

Dekonenko C, Dorman RM, Duran Y, Juang D, Aguayo P, Fraser JD, Oyeturji TA, Snyder CL, Holcomb GW, Millspaugh DL, St. Peter SD. *Comparison of Post-Operative Pain Control Modalities for Pectus Excavatum Repair.* American Pediatric Surgical Association Meeting, Boston, MA, May 2019.

El Tawil D, Walker A, Colombo J. *A Review of First Year Fellow's Endoscopic Skills and Time to Proficiency.* North American Society for Pediatric Gastroenterology, Hepatology and Nutrition, Hollywood, FL, Oct. 2018.

Ferreira A, Twardowski C. *Pediatric Skull Fracture Leads to Neurotrophic Sequelae.* Heart of America Eye Care Congress, Kansas City, MO, Feb. 2019.

Ferreira A, Twardowski C. *Infantile Neurotrophic Keratopathy Secondary to Goldenhar Syndrome.* American Academy of Ophthalmology, San Antonio, TX, Nov. 2018.

Fisher M, McLaughlin M. *Spasticity Management in Pediatric Patient with Co-Morbid Duchenne Muscular Dystrophy and Cerebral Palsy: A Case Report*. American Association of Physical Medicine and Rehabilitation Annual Meeting, Orlando, FL, Oct. 2018.

Fleishman N, Attard T. *Paediatric PPI Use and Fracture Risk*. European Society Pediatric Gastroenterology, Hepatology, & Nutrition, Glasgow, Scotland, June 2019.

Goubeaux DL, Hoch K, Woods GM, Routhieaux J, Guignon M, McDougall Kestner V. *Medication Timeliness in Emergency Department in Pediatric Sickle Cell Disease Population Presenting with Vaso-occlusive Episode*. American Society of Hematology Annual Meeting & Exposition, San Diego, CA, Dec. 2018.

Goubeaux DL, Kalpatthi R, Sherman A, Woods GM. *Relationship between Hemolytic Index Early in Life with Development of Abnormal Transcranial Doppler Velocities in Pediatric Patients with Sickle Cell Anemia*. American Society of Hematology Annual Meeting & Exposition, San Diego, CA, Dec. 2018.

Grimstad F, Knoll M, Jacobson J. *Premature Height Deceleration: A Risk in Transmasculine Youth*. North American Society for Pediatric Gastroenterology, Hepatology and Nutrition, Chicago, IL, Oct. 2018.

Hanks T, Sparks J, Tobler M, Onikul R and Bohaty B. *Characteristics of Parents and Children Accepting of Silver Diamine Fluoride As a Treatment Modality for Dental Caries at a Midwestern Children's Hospital*. AAPD Annual Session, Chicago, IL, May 2019.

Hansen TP, Cuna, A. *Consensus Guidelines for Postnatal Steroids in Preterm Infants with Developing Bronchopulmonary Dysplasia: a Quality Improvement Initiative*. Pediatric Academic Societies Annual Meeting, Baltimore, MD, April 2019; and Annual Vijay Babu Rayudu Quality & Patient Safety Day, Kansas City, MO, May 2019.

Jacobson J, **Grimstad F, Knoll M**. *Premature Growth Deceleration in Transmasculine Patients*. Pediatric Academic Societies Annual Meeting. Baltimore, MD, May 2019.

Kader R. *Mold-specific and Total IgE in Relation to Age in a Mid-Western Pediatric Population*. American College of Allergy, Asthma and Immunology, Seattle, WA, Nov. 2018.

Lansdon L, Zhang L. *Coexistence of an Unbalanced 2;18 Translocation and Mosaic SRY Deletion in a Neonate with Ambiguous Genitalia and other Severe Anomalies*. American College of Medical Genetics Annual Meeting, Seattle, WA, April 2019.

Mathis C, Romans R, Divekar A. *Choosing Catheter Sheath Introducers in Infants – Information You Are Not Provided but Should Have!* CHOP Cardiology Conference, Huntington Beach, CA, Feb. 2019.

Mathis C, Tisma-Dupanovich S, Malloy-Walton L, Papagiannis J. *AV Nodal Reentrant Tachycardia In Patients With Twin AV Nodes*. 40th Heart Rhythm Society Scientific Sessions. San Francisco, CA. May 2019.

Matta B, Alon US, Srivastava T, Warady BA, Weidemann D. *Effect of Antihypertensive Dose on Hypertension in Children with CKD*. Pediatric Academic Societies Annual Meeting. Baltimore, MD, May 2019.

McKee A, Onikul R, Burselson A, Bohaty B. *HOIL-1- Interacting Protein Deficiency Resulting in Immunodeficiency and Auto Inflammation: A Review of Literature and Report of a Case*. AAPD Annual Session, Chicago, IL, May 2019.

McCarthy L, Chastain K, Flatt T, Taboada E, Garola R, Herriges J, Cooley L, Ahmed A. *Neuroblastoma in Adolescents and Children Older than 10 Years: Unusual Clinicopathologic and Biologic Features*. American Society of Pediatric Hematology/Oncology Annual Meeting, New Orleans, LA, May 2019.

McCarthy L, Nicklaus P, Thompson M, Sheeran P, Benton T, Miller J, Rivard D, Gener M, Whitney S,

August K. *Implementation of Bedside Huddle to Improve Communication when Coordinating Care for PICU Patients with Newly Diagnosed Anterior Mediastinal Masses*. Annual Quality Improvement Project Poster Session, Kansas City, MO, Oct. 2018 and American Society of Pediatric Hematology/Oncology Annual Meeting, New Orleans, LA, May 2019.

McDermott S, August K, Kats A, Goyal R. *CD30-(+), EBV-(+) T-cell Lymphoma Associated with Chronic Active EBV Infection: Treatment with Brentuximab Vedotin*. American Society of Pediatric Hematology/Oncology Annual Meeting, New Orleans, LA, May 2019.

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Porath B. *Clinical Utility of Exon Deletion/Duplication Microarray Testing: a Children's Mercy Kansas City Two-Year Experience.* American College of Medical Genetics Annual Clinical Genetics Meeting in Seattle, WA, April 2019.

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Pourakbar S, **Olaya OO**, Woods G, Reisz C. *Modeling Inpatient Opioid Consumption Patterns in Teenagers with Sickle Cell Disease.* *Journal of Sickle Cell Disease and Hemoglobinopathies.* National Sickle Cell Disease Scientific Meeting, Washington, DC, June 2019.

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Richardson K, Fouquet S, Kerns E, McCulloh R. *Impact of a Mobile Device-Based Clinical Decision Support Tool on Guideline Adherence and Mental Workload Amongst Trainees and Attending Physicians.* St. Jude-PIDS Conference, Memphis, TN, March 2019; and Pediatric Academic Societies Annual Meeting Conference, Baltimore, MD, April, 2019.

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Smith JM. *Running the Distance: A Case of Lateral Knee Pain.* AMSSM National Conference. Houston, TX, Apr. 2019.

Solano J, Singh M, Sherman A, Linebarger J. *Does Palliative Care Involvement Influence Location of Death?* APA Region VI Conference. Madison, WI, March 2019. **(First Place Poster)**

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Van Mason A. *Bleomycin Induced Pulmonary Toxicity*. ATS Case Conference Series Webinar, Kansas City, MO, March 2019.

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Grants

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Research Days Oral Presentations by Subspecialty Trainees

Bates C, Bohnert A, Buscemi J, Vandell D, Lee KT, Bryant F, Dryer Gillette M. *Family Entropy: Understanding the Organization of the Home Environment and Impact on Health Behaviors and Weight in School-Age Children*.

Dekonenko C, **Dorman RM**, Duran Y, Juang D, Aguayo P, Fraser JD, Oyetunji TA, Snyder DL, Holcomb GW, Millsbaugh DL, St. Peter SD. *Comparison of Post-Operative Pain Control Modalities for Pectus Excavatum Repair*.

Goubeaux DL, Kalpatthi R, Sherman A, Woods G. *Relationship Between Hemolytic Index Early in Life and Development of Abnormal Transcranial Doppler Velocities in Pediatric Patients with Sickle Cell Anemia*.

Kyler K, Hall M, Betenhausen J. *The Disproportionate Impact of Obesity Among Hospitalized Children*.

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Paprocki E, McDonough R, Musick T, Cernich J. *Quality Improvement: Implementing a Diabetic Foot Exam to Improve Quality of Care for Youth with Diabetes Mellitus*.

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Research Days Poster Presentations by Subspecialty Trainees

Alem MAA, **Farooki S**, Iwakuma T. *Mutant P53 Depletion by Curcumin-Derived Compounds*.

Amos L, Carpenter SL. *Heavy Menstrual Bleeding in Adolescent Females with Platelet Function Disorders*.

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Can Ermerak B, Cooper A, Keck KM, Stahl ED. *Failure of Methotrexate Monotherapy and Subsequent Response to Tumor Necrosis Factor Inhibitors in Pediatric Non-Infectious Uveitis*.

Chapron A, Abdel-Rahman S. *Predictive Performance of Existing Population Pharmacokinetic Models of Tacrolimus in Pediatric Kidney Transplant Recipients.*

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Chapron BD, Vyhldal C, Ahmed A, Shakhnovich V. *Effect of Crohn's Disease on Villous Length and CYP3A4 Expression in the Pediatric Small Intestine.*

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Donato J, Williams D, McCulloh RJ. *Incomplete vs. Complete Testing for HSV in Febrile Neonates.*

Ellis KL, **Tucker M**, Linebarger J. A *Unique Model for Perinatal Palliative Care in a Level IV Neonatal Intensive Care Unit.*

El Tawil D, **Walker AAO**, Colombo J, Clark N. *A Review of First Year Fellow Endoscopic Skills and Time to Proficiency.*

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Jeng HS, **Knoll M**, Ugrasbul F. *Thyrotoxicosis Presenting with Nondiabetic Ketoacidosis in a 4-Year-Old Female.*

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Medical students participate in simulation activities at the annual conference.

Medical Students



16th Annual Midwest Regional Pediatric Conference

On March 2, 2019 Children's Mercy hosted medical students from across the region at the 16th Annual Midwest Regional Pediatric Conference for Medical Students at Children's Mercy Hospital. Seventy-one students representing seven schools participated in the day-long program, which included morning speakers, a resident lunch panel, simulation labs and speed dating. Featured faculty and staff included:

Morning Speakers

Maria Dycoco, MD
Molly Uhlenhake, MD
Ross Newman, DO

Resident Lunch Panel

Whitney Cameron, DO, Pediatrics
Jayme Kwak, MD, Medicine Pediatrics
Danny Muhall, MD, Pediatrics
Paymon Savoji, MD, Medicine Pediatrics

Simulation Lab

Jennifer McBride, MD
Jeffery Michael, DO
Christopher Nitkin, MD
Christopher Veit, MD

Skills Lab

Karen Alexander, MD, Radiology
Willie Williams, Orthopedics Clinic
Beth Lyman, MSN, RN, CNSC, Nutrition
Jewell VanEaton, RRT-NPS, Respiratory Therapy
Kanda Steenbock, BS-RRT, A-C, Respiratory Therapy
Lori McGhee, RRT-NPS, Respiratory Therapy
Leslie Brown, CCLS, Child Life
Jennifer Biggs, MD, Newborn Dermatology



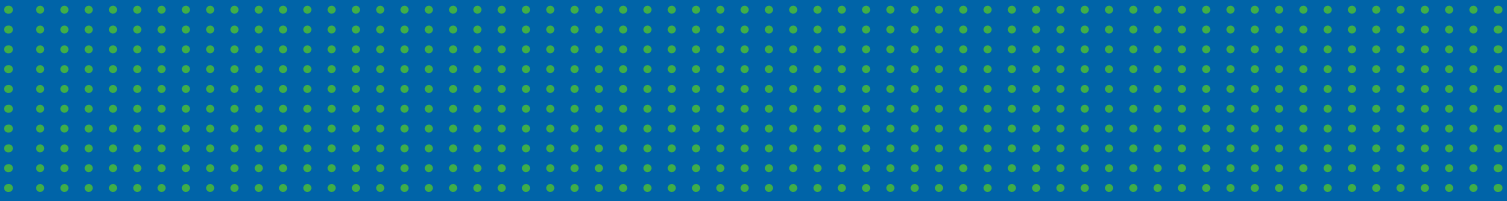
Grace Arends, MD

Laura L. Backus, MD, Memorial
Award for Excellence in Pediatrics



OFD staff participating in a weekly team huddle.

Faculty Development



Faculty Development Team Gets New Medical Director

This year, leadership from the Office of Faculty Development (OFD), Graduate Medical Education, Medical Staff, Wellness, Medical Administration and the chairs of Pediatrics, Surgery and Radiology set about the task of identifying a new medical director for OFD. The goal was to find a leader whose vision for OFD was aligned with the hospital's future, had academic credibility, and who had the ability to generate engagement, cultivating relationships, coach, and advocate for faculty, representing faculty voice, coaching. Not only did Eric Rush, MD, meet these expectations, he has actively engaged in clinical, research and educational activities.

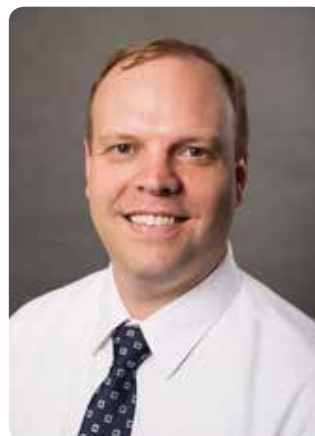
“Dr. Rush is passionate about advancing faculty at all levels.”

Dr. Rush is an Associate Professor of Pediatrics in the Division of Medical Genetics. He obtained his undergraduate and medical degrees from the University of Kansas and completed internal medicine/pediatrics residency at the University of Nebraska Medical Center with an additional year as pediatric chief resident and a fellowship in clinical genetics at the Munroe-Meyer Institution for Genetics and Rehabilitation

After fellowship, Dr. Rush accepted a faculty appointment at the University of Nebraska Medical Center, where he served as the Program Director for the Clinical

Genetics Fellowship Program and the Medical Director for the Osteogenesis Imperfecta and Metabolic Bone Clinic. His academic work has focused on outcomes and best practices for the care of patients with rare bone disorders and has been supported by intramural and extramural foundation and pharmaceutical funding. He has a strong publication track record in his medical subspecialty, as well as medical education journals, and has won several medical student teaching awards throughout his career. He participates as a member of the Scientific Advisory Boards for the Global Foundation for Peroxisomal Disorders and the Rare Bone Alliance.

In 2017, Dr. Rush joined the faculty of Children's Mercy in the Division of Medical Genetics, where he holds a joint appointment at the University of Missouri-Kansas City and the University of Kansas Medical Center to establish an adult genetics presence in The University of Kansas Cancer Center. At Children's Mercy, Dr. Rush has been building partnerships to establish multidisciplinary clinics to diagnose and treat patients with rare skeletal dysplasias, metabolic bone



Eric Rush, MD

disorders and connective tissue diseases. Dr. Rush has been working closely with the KUMC and UMKC Schools of Medicine to better integrate clinical genetics into the curricula, and he has been working to improve the utilization and quality of genetic testing ordered at Children's Mercy. Dr. Rush is passionate about advancing faculty at all levels and is able to bring a unique perspective from his prior academic experiences, as well as his productive collaborative integration into KUMC. ●



Chris Kennedy, MD

Daniel Scagliotti Outstanding Educator Award Recipient

New Year–New Team

The Office of Faculty Development (OFD) has grown to more effectively support Children’s Mercy faculty

OFD is committed to cultivating an academic medicine community that actively engages each faculty member to reach their singular professional potential. We accomplish this goal by engaging Children’s Mercy faculty in their professional growth and fostering support for development of their peers.

OFD is led by Director Jacqueline Hill, PhD, MPH, and Medical Director Eric Rush, MD. They focus primarily on cultivating faculty and academic institution relationships, organizational strategy alignment and faculty growth. The OFD team is comprised of unique talents to best support Children’s Mercy faculty.

OFD’s four primary areas of focus

Academic Appointment Advancement, which includes support to obtain initial academic faculty appointments and academic promotion at the University of Missouri-Kansas City School of Medicine (UMKC SOM) and University of Kansas Medical Center (KUMC) Kansas City and Wichita campuses.

Professional Development Opportunities, which include multiple monthly live development opportunities at Children’s Mercy, growing online development resources and just-in-time education and new scholarship programs for faculty to attend national professional development programs.

Strategy and Advocacy Activities, which include gathering data and research to represent the faculty voice on a myriad of organizational issues regarding change management, leadership development, mentorship structures and faculty benefits.

Scholarly Product Generation, which includes consultation, editing services, and education to assist in the generation of high-quality scholarly publications, grants, abstracts and presentations among our faculty and trainees.

Meet the OFD Team

Emilie Keeton joined OFD at the end of February as a Development Coordinator. She is primarily responsible for our curriculum and development programming, as well as the creation of our online faculty resources. Emilie brings with her multiple years of experience in academic medicine from the University of Colorado and professional development training in the legal field.

Olivier Dagbovie, MBA, joined OFD in April as a Development Analyst. He is primarily responsible for creating and maintaining faculty data and generating analyses and reports to support faculty-related decisions. Olivier was previously

an information systems analyst at Children’s Mercy. He has a background in nursing and completed his Master’s in Business Administration this spring.

Heather McNeill, MA, joined OFD in 2015 as a Scientific Editor in our Medical Writing Center. She is primarily responsible for performing editing services and consultations with faculty and trainees. Heather has strong knowledge as an editor, previously holding the position of senior editor for the Writing Consult Center at the University of Kansas School of Medicine for eight years, and obtaining professional certification as a scientific editor.

Martha Montello, PhD, joined OFD in 2015 as the Director of our Medical Writing Center. She is primarily responsible for writing consultations and education of faculty and trainees. Martha has a wealth of knowledge in medical writing and is currently faculty with the Department of Global Health and Social Medicine at Harvard Medical School and Editor-in-Chief of Perspectives in Biology and Medicine.

Position Available

In addition to the above staff, OFD is currently recruiting for a Database Coordinator.

Office of Faculty Development by the numbers

Live Development Events **34**

(total sessions in 5 domains (professional development, career advancement, education, research, systems-based practice))

Micro-sessions **20** | Workshops **7** | Panel Discussions **5** | Orientations **2**

Academic Promotions **43**

(total applications (40 successful; 93% success rate))

Professor **8** | Associate Professor **32**

Development Event Attendance **804**

(total attendees as of 5/30/19 - no June micro-sessions or workshops included; 311 or 39% of attendees were faculty; 2x last year's attendees (n=403))

Micro-sessions: average: 22, range: 8-51 | Workshops: average: 42, range: 25-61
Panel Discussions: average: 22, range: 8-49 | Orientations: average: 28, range: 25-30

Medical Writing Center by the numbers

76 Documents
copy edited



2 Abstracts | **1** Book – **1** Published | **9** Grants
60 Manuscripts – **8** Published so far this year
4 Other documents



2 Targeted Writing Workshops



10 Consultations

Resource Use (document downloads, video watches, etc.)

31 Mini-didactic video views



Participants at the 2018 Grant Writing Workshop.



The CME team at a professional development workshop.

Continuing Medical Education

Continuing Medical Education Broadens Access to Maintenance of Certification

As the Continuing Medical Education (CME) team focused on 2019-20, they will be providing CME for activities that physicians want and need to improve not only medical knowledge, but patient outcomes and the overall experience for patients at Children's Mercy. The team will continue to look for opportunities to offer both CME and Maintenance of Certification (MOC) Part 2 points for ABP and other specialty boards, offering CME for MOC activities (currently ABIM, ABA, ABPATH, ABOHNS & ABO). It will be a priority to incorporate patients and families into appropriate offerings, as their perspective and voices offer such powerful lessons, as well as continue to work to improve physician participation in CME offerings at Children's Mercy.

Children's Mercy is one of 23 providers offering CME through accreditation by the Missouri State Medical Association, but provides a disproportionate amount of the education in the state:

- 31.4% of CME activities
- 21.2% of hours of instruction
- 24.8% of physician interactions
- 11.6% of the interactions with non-physicians

Only 5 CME providers accredited by the Missouri State Medical Association dually provide CME and MOC. Children's Mercy provides 41.9% of the activities and 40.9% of the MOC points. At Children's Mercy, 49.5% of the hours of instruction and 54.5% of CME activities are also offered for MOC points.



A Grand Rounds audience member participates in the discussion.

Accommodation with Honors

Continuing Medical Education (CME) at Children's Mercy currently has accommodation with honors. As accreditation standards for CME change, Children's Mercy will focus on activities that meet the following criteria:

- Incorporates health/practice data
- Collaborates effectively
- Optimizes learner's communication skills
- Optimizes learners' technical/procedural skills
- Engages in research/scholarship
- Supports professional development for CME staff
- Demonstrates creativity/innovation
- Improves health care quality



Jennifer Bickel, MD, performs acupuncture on a patient.

Acupuncture

CME course offers a new skill set to professionals in the region.

According to the National Institutes of Health, studies show acupuncture works particularly well on chronic pain and headaches. First offered at Children’s Mercy in 2015, acupuncture therapy has been overwhelmingly accepted by patients and families – with about 30 patients a week receiving acupuncture treatments and a two-month wait list in 2018.

In response to this demand, Drs. Jennifer Bickel, Anna Esparham and Jennifer Dilts, three board-certified medical acupuncturists from Children’s Mercy Kansas City, with the support of the Continuing Medical Education (CME) department, launched a new Basic Acupuncture Training in fall 2018.

With chronic and recurring pain symptoms being a growing complaint in the Emergency Department (ED), the first acupuncture training was offered to interested ED and hospital medicine physicians. A total

of 21 physicians completed the 10-hour training, which included online modules, live sessions, at-home practice and a skills-based exam. Successfully demonstrating proficiency in two acupuncture techniques, these 21 physicians have earned basic acupuncture privileges to administer these protocols to accepting patients at Children’s Mercy locations. In addition to earning privileges at Children’s Mercy Kansas City, they also earned 10 continuing medical education credits and 10 Maintenance of Certification Points through the American Board of Pediatrics (ABP).

“Acupuncture gives providers another tool when treating pain.”

Acupuncture may not be for every pediatric patient at Children's Mercy, but it does give providers another tool when treating pain. Having multiple options to treat pain is helpful to patients, but can also help prevent misuse or over-prescribing of opioids. This larger impact on the community is a secondary goal for the training.

"We must offer a way that physicians can be trained to help patients in pain, and acupuncture is one modality that can be a solution beyond opioid regulation. As physicians, it's our responsibility to help our colleagues find non-pharmacologic ways to provide pain treatment" says Dr. Bickel.

The attendees appreciated this new option. Jeffrey Michael, MD, Medical Director for Evidence-Based Practice and ED physician, views acupuncture as an adjunct to compliment the pharmacologic treatment in the ED. "Providers in the ED treat both acute and chronic pain in children, and learning new non-drug related techniques is exciting and a great opportunity. Perhaps it will reduce the dosing requirements of some of the drugs we use and help inform families of alternatives to medication as the sole treatment for pain in their child."

The impact of the first training session is still being evaluated, but early results are promising. This work has led to two national awards. The American Academy of Pediatrics Section on Integrative Medicine awarded Drs. Dilts and Esparham a monetary education award for their PEACE (Pediatrician Engagement with Acupuncture Expansion) project and they were awarded best poster at the American Academy of Medical Acupuncturists.

Patient outcomes and satisfaction will be reviewed and included in research as it becomes available. A second training took place in the summer of 2019. ●



Children's Mercy Continuing Medical Education by the numbers

366 courses offered



1,226 credit hours available

10,171 physicians attended

11,387 health care professionals attended

21,558 total attendees

53 of the 309 courses were
online activities*



56.25 credit hours awarded

2,027 physicians participated

1,265 health care providers participated

3,292 total learners

In 2018, the CME staff awarded American Board of Pediatrics Maintenance of Certification, or MOC, Part 2 points for 113 courses for a total of 677 MOC Part 2 Points. From those courses, 796 physicians earned 3,204 points!

*Grand Rounds online, Surgery Grand Rounds online, and a number of Cornerstone modules on which we partner with the Child Health Association.



In addition to the physical library, the Virtual Library provides access to 1,550 online journals and 1,537 online books.

Library Services

What Does Library Services Do?

Clinical Librarians

Clinical Librarians at Children’s Mercy Kansas City are embedded on hospital teams. They attend daily rounds with four inpatient resident medicine teams, as well as the PICU cardiovascular and medicine services. The librarians’ work entails performing expert literature searches to provide same-day evidence from the literature to support patient care, clinical education, or patient education. The questions are received in-person or by email from the team members, and each team asks one to three questions daily, on average. The goal is to provide accurate, just-in-time information that might not otherwise be obtained by the team.

Background searches for education about a topic are typically brief, 30-minute searches; complex, clinical care questions may require three hours or more to complete. The average time spent on each question is two hours.

Expert Searches

All medical librarians assist with search requests from the Children’s mercy workforce including literature searches for systematic reviews. Formal systematic reviews of the literature are labor and time intensive projects requiring over 100 hours per review, spread over 18 to 24 months. Librarians Susan Sanders and Brenda Pfannenstiel assist with information for quality improvement projects, writing an updated guideline, or research about a specific procedure and its use in patient care.

In 2018, 29 h-index analyses of faculty publications were performed upon request. This was primarily in support of university faculty promotion applications.

Evidence-Based Practice

Librarian Keri Swaggart serves as the liaison to the Evidence-Based Practice Collaborative and attends weekly meetings. To support the creation and updates of Children’s Mercy clinical practice guidelines, a librarian participates in committee meetings and performs literature searches. Quality improvement projects, value analysis purchasing decisions and nurse residency projects are supported by expert literature searches.

Education and Training

In addition to graduate medical education, librarians offer library orientation to new faculty, teach literature search skills to the Advanced Practice RN Fellowship program and Nurse Leadership Academy, offer classes through the Office of Faculty Development workshops, provide one-on-one support and training in a wide variety of specialized information skills including the use of MyNCBI services, understanding bibliometrics and accessing point-of-care tools on mobile devices. A total of 287 learners received 157 hours of instruction, indicating the high number of individual instruction sessions. The Library Services department hopes to increase its group instruction opportunities through its teamwork with the Nurse Leadership Academy.

Graduate Medical Education

Librarians provide library orientation and literature search instruction to all incoming residents and fellows, supply literature on resident education topics provided through clinical rounds, work individually with residents on their Professors’ Rounds presentations, and provide research support and one-on-one training for fellows. Professors’ Rounds instruction included 40 librarian hours provided to 38 residents.

Institutional Repository:

SHARE@Children’s Mercy is raising our academic profile and publicizing the hospital’s proud 120-year history.

Library Services administers the repository, provides staff training, and hosts conferences on this site, which has increased in content and audience over 2018.

In its first full year of operation, SHARE@Children’s Mercy housed material that was accessed by 214 institutions in 60 countries with a total of 2,452 downloads. There are 675 works in the repository, 627 of which were added during 2018. Hospital annual reports are the most popular category, but quality and safety posters have also garnered a lot of attention. As content grows even more in the coming years, SHARE@ChildrensMercy will elevate our academic profile throughout the USA and the world.



scholarlyexchange.childrensmercy.org/

Library Services by the numbers



Calendar year 2018

Performed **347** clinical searches requiring approximately **725** search hours

Executed **29** H-index analyses of faculty publications were performed upon request

2,878 Print books

1,537 Online books

1,050 Online journal subscriptions

3 Print journal subscriptions

Changes in Library Services Leadership



Brenda Pfannenstiel,
MALS, MA, AHIP



Katie Mulik Dayani,
MLS, AHIP

Brenda Pfannenstiel

In June 2019, Brenda Pfannenstiel retired as manager of Library Services at Children’s Mercy. Brenda has been with Children’s Mercy for more than 20 years, having served as the Consumer Health Librarian when the Kreamer Resource Center for Families first opened. She has worked as the Manager of Library Services for the past 15 years, adapting to the growing institution and changing demands of information management services. She was also instrumental in the preservation of Children’s Mercy archives and the creation of the institutional repository.

In addition, Brenda created the Virtual Library, managed a variety of major software implementations and led the department through the addition of new services and resources supporting the Children’s Mercy workforce, patient care, research and professional development. She has also been active in the promotion and advancement of the library profession at the local, regional and national level throughout her career and has supported the professional development of all.

Best wishes to Brenda on a well-deserved retirement!

Katie Mulik Dayani

Joining Library Services as the new manager is Katie Mulik Dayani, whose last position as the manager of the library for the American Academy of Family Physicians placed her in a position to support the information and knowledge needs of approximately 350 staff and 130,000 family physician members. In that position, she worked closely with executive management to align the library’s goals and mission to the organization’s strategic plan.

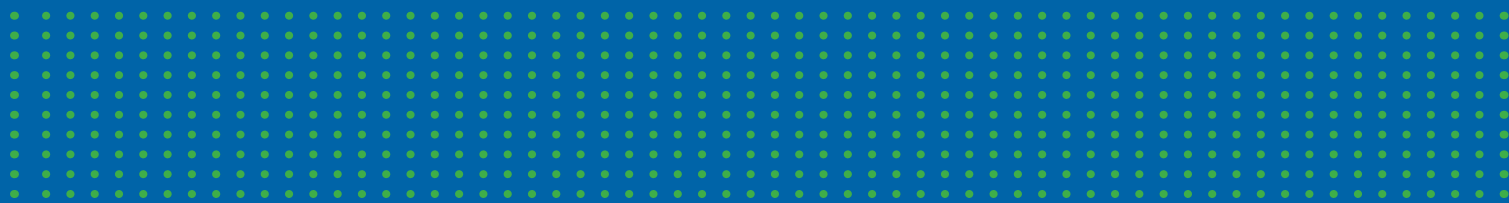
Children’s Mercy is excited to welcome Dayani to our educational family.





Jennifer Colombo, MD, Pediatric Gastroenterology Program Director and former Associate PD, John Rosen, presenting their work nationally.

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 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. 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.

"The unique experiences and perspectives of those involved in the care of children incorporates many constituents, and the certificate program highlights the need to consider each of those when confronted with ethical dilemmas. I've used the knowledge I gained in the program to serve on the Ethics Committee of my hospital and contribute to the education of the healthcare staff."

— Brenda Rogers, MD, Bioethics Center Certificate Alumnus



Chris Kennedy, MD (left), receives the 2019 Daniel Scagliotti Educator of the Year Award from the 2018 recipient, Grant Latta, DO.

Honors and Awards

Medical Student Education Award

Laura L. Backus, MD, Memorial Award for Excellence in Pediatrics
Grace Rector, MD

Resident Awards

Barbara Allphin, MD, Residents as Teachers Award, Pediatrics
Michael Kramer, MD

Barbara Allphin, MD, Residents as Teachers Award, Internal Medicine/Pediatrics
Kaitlin Wittler, MD

Daniel C. Darrow, MD Award
Page Pomo, MD

Mercy Award
Cody Jorgenson, MD

Clark W. Seely, MD Award
Page Pomo, MD

Edward R. Christophersen, PhD Excellence in Developmental and Behavioral Pediatrics Award
Mikail Kraft, DO

Jane F. Knapp Excellence in Pediatric Emergency Medicine Award
Christina Zanaboni, MD

Kenneth L. Wible, MD, Primary Care Clinic Award
Evan Weber, MD

Hematology/Oncology Award
Claire Seguin, MD

Hospitalist Medicine Award
Page Pomo, MD

Michael B. Sheehan, MD Excellence in Neonatal Medicine Award
Danielle Gonzales, MD

Pediatric Critical Care Award
Evan Weber, MD

Professor Rounds Awards – First Place
Naseem Nikaeen, MD

Professor Rounds Awards – Second Place
Irene Pouladian, MD

Saggie Alon Resident Research Award – First Place
Ryan Morrow, MD

Saggie Alon Resident Research Award – Second Place
Joanne Marasigan, MD

Fellow Awards

Fellow Quality Improvement Project – First Place
Kathryn VanderVelde, MD

Fellow Quality Improvement Project – Second Place
Vivek Dubey, MD, Eric Nau, MD, and Marc Sycip, MD

Fellow Research Day – First Place
Derrick Goubeaux, DO

Fellow Research Day – Second Place
Charlene Dekonenko, MD

Fellow Research Day (QI) – First Place
Karishma Rao, MBBS

Fellow Teaching Award
Joel Waddell, MD

Faculty Awards

Daniel Scagliotti, MD Educator of the Year
Chris Kennedy, MD

Excellence in Teaching in Resident Education
Renee Cation, MD

Excellence in Education in Student Education
Brad Schow, MD

Herbert A. Wenner, MD, Faculty Award for Medical Student Education
Kristin Johansen, MD

Outstanding Teaching Section Award
Pediatric Hospital Medicine

Nursing Awards

Advanced Practice Provider of the Year
Melissa Ehling, MSN, NNP-BC, FNP-BC

Nurse of the Year
Teresa Wilson, RN

Nursing Unit of the Year
Primary Care Clinic



Charlie Roberts, MD

This year, Graduate Medical Education is presenting Charles Roberts, MD, with a Lifetime Achievement Award which reads “In recognition of your Leadership, Service, and Support in Medical Education.” Dr. Roberts, Executive Vice President and Executive Medical Director, began his Children’s Mercy Hospital career in 1975 as an intern.

In 2010, Dr. Roberts stepped into the Executive Medical Director position.

He has been a huge champion of medical education at Children’s Mercy and has been involved in administrative decisions that have allowed us to double the number of pediatric fellowships and have really put Children’s Mercy on the map in terms of excellence in pediatric education in the U.S.

Fast Facts FY 2018

Inpatient Care

Admissions	15,198
Average Length of Stay	5.9
Average Daily Census	268.9

Inpatient Average Daily Census

Medical – Surgical	124.4
Intensive Care Nursery	66.1
Pediatric Intensive Care Unit	37.0
Fetal Health Center	1.8

Specialty Clinic Visits

Adele Hall Campus	180,348
CM Hospital Kansas Campus	56,661
CM College Blvd.	25,830
CM Northland	25,777
CM East	10,128
CM Blue Valley	4,620
Primary Care Clinics	76,200
Other	34,065

Total Clinic Visits **413,629**

Emergency/Urgent Care Visits

Adele Hall Campus Emergency Room	68,303
CM Hospital Kansas Emergency Room	41,407
CM Blue Valley Urgent Care	25,460
CM East Urgent Care	33,942
CM Northland Urgent Care	31,713

Total Emergency/Urgent Care Visits **200,825**

Surgical Procedures

Inpatient	4,322
Outpatient	15,822

Total Surgical Procedures **20,144**

Employees **8,219**





Children's Mercy Hospital Fellowship Coordinators

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