Graduate Medical Education Annual Report 2018-2019

Children's Mercy Hospital

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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

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

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

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

Leadership

Paul D. Kempinski, MS, FACHE
President and Chief Executive Officer

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

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

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

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

Vicki Blanco, MD, rotated at several clinical sites in Panama.
Research Days Celebrates Trainee Research Community

It takes a village to develop research talent among our trainees. At least one week per year, we celebrate the fruits of that labor as we learn about the diversity of research in which our trainees are engaged.

Research Days is an annual event sponsored by GME and coordinated by a committee comprised of physicians and administrators. This year, committee members were Michael Nyp, DO, Chairman; Jessica Bettenhausen, MD; Matthew Johnson, MD; Emily Killough, MD; Tamorah Lewis, MD; Angela Myers, MD; Sarah Nyp, MD; Melissa Gener, MD; and Joanna Bradley, GME Department Representative.

All compelling scientific research and quality improvement projects generated by residents and fellows and submitted by the Feb. 1 deadline were considered for either a platform or poster presentation. This year, the Research Days Committee received an unprecedented 76 submissions, which was a 52% increase over last year.

In addition to the increase in submissions this year, the committee has also set aside a separate day to highlight quality improvement projects.

“We had a significant increase in the number of best practice abstracts leading to an outstanding week.”

Many participants have already presented their research at national and international conferences and symposiums. GME has the expectation that all trainees who have received financial support for a project participate in Research Days. Many submissions are ongoing as our learners seek to improve the diagnosis and treatment of our patients.
Staff Accomplishments

**Joanna Bradley**  
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**  

**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.

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**Presentations and Posters**


- 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.


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


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**Publications**

Pediatric Residency

One of our general pediatrics teams rounding.
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!
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.
Internal Medicine/Pediatric Residency

2019 Graduating Med/Peds residents with some of their faculty.
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-pediatrics 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-pediatrics 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.
Resident Accomplishments

Posters and Presentations


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.


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

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


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


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.
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.
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.”

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

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.

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


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)


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


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.


Poster Presentations


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.


Morgans H, Chadha V. Unusual PD Catheter Malfunction. Annual Dialysis Conference; Dallas, TX, March 2019.


Porath B. Case Reports of Two Rare and Cytogenetically Distinct 15q11.2q13 Rearrangements: A Novel der(14;15) Rearrangement and An Intrachromosomal Triplication. American College of Medical Genetics Annual Clinical Genetics Meeting, Charlotte, NC, April 2018.


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)


Angela Myers, MD, MPH and Steven Dahl, MD from Pediatric Infectious Diseases.


Publications


Calkins-Smith A, Marker A, Clements MA, Patton SR. Hope and Mealtime Insulin Boluses Mediate the Relationship between Depressive Symptoms and Glycemic Control in Youth with Type 1 Diabetes Mellitus. Pediatric Diabetes. 2018.


Marshall CM, Salimi-Jazi F, Hyun JS. Evaluation of Guidelines for the Diagnosis and Management of Pediatric Renal Trauma. [in process]


Smith JM. Back Pain in the Young Child and Adolescent- A Case Based Guide. Chapter 26: *Case of a Middle School Student with Back Pain due to a Heavy Back*.


Grants


Research Days Oral Presentations by Subspecialty Trainees


Goubeaux DLt, Kalpathi 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.


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.


Richardson KM, Fouquet SD, Kerns E, McCulloh RJ. Impact of a Mobile Device-Based Clinical Decision Support Tool on Guideline Adherence and Mental Workload Among Trainees and Attending Physicians.


Research Days Poster Presentations by Subspecialty Trainees

Alalem 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.

Amos L, Carpenter SL. Initial Evaluation of Adolescent Females Hospitalized with Heavy Menstrual Bleeding.


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 BD, Dinh J, Leeder S. Characterization of the Relative Contribution of CYP2D6 and CYP3A4 to the Metabolism of Pimozone.


Cummings LE. Decreased Antibiotic Use in Well-Appearing Infants Exposed to Maternal Chorioamnionitis.


Dekonenko C, Sujka J, Dorman RM, St. Peter SD, Oyetunji TA. Self-Reported Outcomes Following Cholecystectomy for Hyperkinetic Biliary Dyskinesia.

Dekonenko C, Dorman RM, Pierce A, Orrick BA, Juang D, Aguayo P, Fraser JD, Oyetunji TA, Snyder CL, St. Peter SD, Holcomb GW. Outcomes Following Dynamic Compression Bracing for Pectus Carinatum.


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.


Farooki S, Alalem MAA, Iwakuma T. Preventing Osteosarcoma Progression with Small Molecular Inhibitors Targeting Macrophage Migration Inhibitory Factor: CD74 Interaction.

Fleishman NR, Richardson TE, Attard TM. Pediatric PPI Use and Fractures.


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


Kilbride S, Moffatt M, Wilkerson E. Implementation of HPV Vaccination for Child and Adolescent Victims of Non-acute Sexual Assault/Abuse.

Knoll M, McDonough, Halpin K. Can Point-of-Care Betahydroxybutyrate Testing Be Used to Predict Diabetic Ketoacidosis in the Pediatric Emergency Department?

Lansdon LA, Yoo B, Miller N, Cadieux-Dion M, Farrow E, Repnikova E, Saunders CJ, Thiffault I, Farooq MS. A Discrepancy Between the Human Reference Genome (GRCh37) and Transcriptome (RefSeq) Results in the Incorrect Annotation of a Clinically-Relevant Sequence Variant in RECQL4.

Lansdon L. A Discrepancy Between the Human Reference Genome (GRCh37) and Transcriptome (RefSeq) Results in the Incorrect Annotation of a Clinically-Relevant Sequence Variant in RECQL4.


McDermott SE, Goyal R, Kats A, August K. CD30-Positive, EBV-Positive T-cell Lymphoma Associated with Chronic Active EBV Infection: Successful Treatment with Brentuximab Vedotin.

Moore B, Lants J. When Parents Take Conflicts to Digital Media.

Murano MC, Feldt MM, Lants J. Putting Parental Concerns on Short Stature in Perspective.

Lansdon L. A Discrepancy Between the Human Reference Genome (GRCh37) and Transcriptome (RefSeq) Results in the Incorrect Annotation of a Clinically-Relevant Sequence Variant in RECQL4.


Poquiz, J. Moser C. Associations Between Weight Perception, Weight Management Behavior, and Suicidal Behaviors Among Gender Diverse Youth.


Rao K, Pallotto E, Oschman A, Lewis T, Daniel J. Challenges of Encountering Infant Delirium on ECMO.

Solano JL, Singh M, Sherman A, Linebarger J. Does Palliative Care Involvement Influence Location of Death?


Winningham C, Nyp S, Palotto E, Sherman AK, Nadler C. Developmental Intervention Patterns in a Level IV Neonatal Intensive Care Unit (NICU).

Medical students participate in simulation activities at the annual conference.

Medical Students
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
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 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.

Eric Rush, MD
New Year–New Team

The Office of Faculty Development (OFD) has grown to more effectively 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
- 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.
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.

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
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 complement 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.

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.

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**Children’s Mercy**

**Continuing Medical Education**

**by the numbers**

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses offered</td>
<td>366</td>
</tr>
<tr>
<td>Credit hours available</td>
<td>1,226</td>
</tr>
<tr>
<td>Physicians attended</td>
<td>10,171</td>
</tr>
<tr>
<td>Health care professionals attended</td>
<td>11,387</td>
</tr>
<tr>
<td>Total attendees</td>
<td>21,558</td>
</tr>
<tr>
<td>Online activities</td>
<td>53 of the 309 courses were online activities*</td>
</tr>
<tr>
<td>Credit hours awarded</td>
<td>56.25</td>
</tr>
<tr>
<td>Physicians participated</td>
<td>2,027</td>
</tr>
<tr>
<td>Health care providers participated</td>
<td>1,265</td>
</tr>
<tr>
<td>Total learners</td>
<td>3,292</td>
</tr>
</tbody>
</table>

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87 Graduate Medical Education Annual Report 2018-19
In addition to the physical library, the Virtual Library provides access to 1,550 online journals and 1,537 online books.
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.

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

scholarlyexchange.childrensmercy.org/
Changes in Library Services Leadership

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 cmbc@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  
Evon 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  
Evon Weber, MD

Professor Rounds Awards – First Place  
Naseem Nikaeen, MD

Professor Rounds Awards – Second Place  
Irene Pourladian, 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
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