

Children's Mercy Kansas City

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2012

### Graduate Medical Education 2011-2012 Annual Report

Children's Mercy Hospital

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#### Recommended Citation

Children's Mercy Hospital, "Graduate Medical Education 2011-2012 Annual Report" (2012). *GME Annual Reports*. 1.

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# Graduate Medical Education

2011-2012 Annual Report



UMKC

 **Children's Mercy**  
HOSPITALS & CLINICS | Kansas City







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Children's Mercy Hospitals and Clinics, based in Kansas City, Mo., is one of the United State's leading free-standing independent pediatric medical centers, offering 354 licensed beds, more than 40 pediatric 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 and World Reports, and we were the first hospital in Missouri or Kansas to receive the prestigious Magnet designation for excellence in patient care from the American Nurses Credentialing Center – an honor we have received three consecutive times. In academic affiliation with the University of Missouri-Kansas City, our more than 400 faculty members provide clinical expertise, leadership in pediatric medical education to the physicians and nurses of the future, and innovative cutting-edge pediatric medical research to discover the treatments and cures of tomorrow. Children's Mercy is also nationally recognized for innovation in creating a family-centered environment that is focused on the unique needs of hospitalized children and their families.

**CONTACT GRADUATE MEDICAL EDUCATION**

Visit: [www.childrensmercy.org](http://www.childrensmercy.org)

Office: (816) 234-3373



[Facebook.com/ChildrensMercyGME](https://www.facebook.com/ChildrensMercyGME)



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President and Chief Executive Officer



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Medicine



**Susan Hathaway, PhD**

Vice Chair, Department of  
Graduate Medical Education  
Assistant Professor of  
Pediatrics, UMKC School of  
Medicine



## Educating Future Pediatric Care Experts

Our education programs are flourishing, and today there is more interest than ever in our fellowship programs, residency program, and opportunities for medical student electives and sub-internships. Our residency program graduates continue to have board passage rates well above the national average, and our pediatrics clerkship remains one of the highest rated by students from the University of Missouri-Kansas City School of Medicine.

We take pride in training the next generation of pediatric specialists and researchers with lessons and techniques not practiced in other pediatric hospitals. We emphasize the importance of preparing our residents and fellows to be the best in their fields, redefining pediatric medical education with every step.

The vision and commitment of Children's Mercy leadership to advancing pediatric medicine is strong and extends throughout the hospital, providing opportunities for our fellows, residents and medical students to pursue their interests academically, clinically and through research.

## Select GME Highlights



- The GME department created the Children's Mercy Global Health Track as a unique program designed to train pediatricians to be leaders in clinical skills, mentoring, research and health policy in global health. Twelve Children's Mercy residents were accepted into the first class offering, which prepares them with the tools to address health care needs around the world.
- In 2012, Children's Mercy Hospitals and Clinics offered 436 programs, worth 1,089.75 continuing medical education credit hours, to 8,530 physicians. In addition, 8,393 other health care professionals attended and benefited from these educational programs for a total of 16,923 attendees.

“ At Children's Mercy, we are changing how residents and fellows are taught by exposing trainees to personalized medicine, genomics, research and new treatments that put them at the forefront of how care is provided and, ultimately, preparing them to be leaders in redefining pediatric medicine. ”

**Jane Knapp, MD**

Chair, Department of Medical Education

- Evolving to meet the communication needs of our former and current residents and fellows, the GME department launched the Children's Mercy GME Facebook pages, inviting alumni to reconnect while also sharing valuable news, information and more with current residents and fellows.
- Striving to provide more educational opportunities for health care professionals, Children's Mercy launched Grand Rounds Online. More than 345 health care professionals – both nationally and internationally – have taken part in the popular, new learning format since its launch.





## Welcome to Pediatrics at Children's Mercy

Children's Mercy Hospitals and Clinics, currently at 354 beds, continues to grow, providing a valuable educational home for our residents to take part in the full spectrum of pediatric care. The consistently high rankings we receive on national benchmarks attest to the exceptional quality of care we provide.

Our teaching faculty of more than 400 pediatric specialists and subspecialists care for patients in the inpatient setting and in more than 40 pediatric subspecialty clinics. We operate the only Level IV intensive care nursery and the only Level I pediatric trauma center in a 200-mile radius of Kansas City. We have been recognized by the American Nurses Credentialing Center with Magnet designation for excellence in nursing services and ranked as one of America's best Children's Hospitals by both U.S. News & World Report and Parents Magazine.

Children's Mercy offers a superior learning environment, with more than 500,000 patient encounters per year, a growing research enterprise, and a rich academic culture. Our dedication to excellence in education and our focus on family-centered care gives all our trainees the knowledge and skills needed to truly advance pediatric medicine for children today and generations to come.

“ We have a moral obligation to improve the future of children. It is not enough to provide great care. We want to learn from each patient so we can do better the next time. We need to help contribute to learning and in coming up with better ways to diagnose, to treat, to cure and hopefully prevent childhood diseases. ”

### Michael Artman, MD

Joyce C. Hall Endowed Chair in Pediatrics  
Professor and Chair, Department of Pediatrics at UMKC School of Medicine



### Michael Artman, MD

Pediatrician-in-Chief  
Chair, Department of Pediatrics



## Residency Program

There is no denying that the Residency Program at the University of Missouri-Kansas City/Children's Mercy Hospital is one of the most robust in the nation.

With more than 40 subspecialties and as the largest pediatric hospital in the region, the Children's Mercy Pediatric Residency Program exposes residents to a diverse patient population in a state-of-the-art facility. The program is built on a competency-based curriculum designed to provide practitioners with comprehensive knowledge and outstanding skills.

Residents benefit from hands-on training through the nationally recognized medical, surgical, nursing and patient/family support services. And, when residents graduate from the residency program, they are fully prepared to pursue whatever career option they choose.

**To learn more about the Pediatric Residency Program at Children's Mercy, visit [childrensmercy.org](http://childrensmercy.org) or the Children's Mercy Graduate Medical Education Facebook page at [facebook.com/ChildrensMercyGME](https://facebook.com/ChildrensMercyGME).**

## Select Residency Program Notables



**Denise Bratcher, DO**  
Pediatric Residency Program  
Director



**Amber Hoffman, MD**  
Pediatric Residency Program  
Associate Program Director



**Ross Newman, DO**  
Pediatric Residency Program  
Associate Program Director



**Celeste Tarantino, MD**  
Pediatric Residency Program  
Associate Program Director

Carrie Hromas, MD and Jon Burnett, MD, both third-year residents, presented at the Mississippi River Valley Pulmonary Conference, a national CME accredited monthly webinar conference. There are several centers involved, including Washington University, St. Louis University, Arkansas, Minnesota, St. Jude's and Vanderbilt.

Nate Hall, MD, PL3 presented his poster, "The curious case of the vanishing ribs," at the Pediatric Hospital Medicine Conference - July 2012.

Sowmya Kallur, MD, and Mary Westfall, MD, both 2012 graduates, completed international electives in India and Albania, respectively. They presented their experiences at Grand Rounds in June 2012.

2011-2012 Chief Resident Emily Killough, MD, received a grant from the American Academy of Pediatrics for Advocacy Training. The award was \$1,000 and was used to provide advocacy education to the Residency Program.

Third-year residents worked on four mentor-led quality improvement projects this year. The Pfizer Foundation funded the pilot programs, which also included didactics.



## Continuity Care – Improving Communications With Spanish-Speaking Patients

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As a resident, John Cowden, MD, MPH, served Spanish-speaking families in a continuity care clinic. It was a period of his training fraught with concerns about miscommunication.

“I worried about the quality of my care,” he explains, thinking back. “I had no safety net when communication broke down.”

When Dr. Cowden arrived at Children’s Mercy Hospitals and Clinics, he continued to worry about the communication gap with the limited-English-proficient (LEP) patients under his and his colleagues’ care.

“Why should we accept just ‘getting by’ with these families, allowing ourselves to guess about our competency and abilities?” he asked himself. However, it wasn’t a rhetorical question.

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Dr. Cowden, Medical Director for the Children's Mercy Office of Equity and Diversity, set out to find a solution. His answer: CHICOS — Clínica Hispana de Cuidados de Salud (Hispanic Health Care Clinic) — a program that formally trains and assesses bilingual physicians-in-training.

Three years after starting, resident enrollment in the program has grown from three the first year to 11 in 2012, with doctors providing bilingual care for more than 1,200 supervised Spanish-language encounters. Early program evaluation data show that the program has improved quality of care, provided valuable resident education and changed the level of expectation clinic-wide of what quality communication with Spanish-speaking families looks like.

Others have taken notice of those superlative results. The program received the Academic Pediatric Association's national Healthcare Delivery Award for 2012. Criteria for the competitive honor include demonstrating innovations in health care delivery, outcomes, sustainability and portability.

Dr. Cowden, Director of the CHICOS program, also serves as Interim Section Chief in General Pediatrics and as Assistant Professor of Pediatrics at the UMKC School of Medicine. He designed and implemented all aspects of the program, serving as the primary teacher and mentor for participants. He also leads the program-evaluation effort.

Dr. Cowden says the recognition and award helps to “highlight this important issue and the improvements we need to make on behalf of LEP families and our trainees.” Yet he doesn't expect the award to have a specific impact on the program.

“We have always been well-supported, and this has continued as the recognition of CHICOS has grown,” he adds.

“The quality of the health care and training is critical to the success of our effort, and this can be achieved best through continued refinement of our methods and processes,” Dr. Cowden explains.

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**The CHICOS program received the Academic Pediatric Association's national Healthcare Delivery Award for 2012.**

## Quality Improvement — Cultivating Enhanced Care Via Physician Involvement

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The benefits of electronic prescribing — or e-Rx — are well-known. The practice reduces errors from hand-written prescriptions, quickly provides details on formulary-based drug coverage and alternatives, and speeds up medication renewals. So, when Continuity Care Clinic (CCC) residents saw that only 61 percent of residents were e-prescribing — compared with attending physician rates of 87 percent — they set out to fix the problem. Through a new curriculum, they worked with Lien Russell, MD, Director of the Continuity Clinic, and Jim Grimm, Quality Improvement Program Manager, to methodically identify solutions and solve the problem.

Their efforts — part of the Evidence-Based Practice and Quality Improvement (QI) for Residents program — boosted residents' e-Rx participation to 93 percent.

Keith Mann, MD, MEd, Medical Director of Quality Improvement and Patient Safety, oversaw students' efforts in the new, multidisciplinary program.

Designed to teach QI methods through experiential, project-based learning, the program may help improve care through the implementation of resident physicians' ideas, Dr. Mann explains. It also may set them up for future success because QI is an essential skill in health care.

“There are recognized gaps in the health care we provide and the health care we could provide if systems of care operated better,” Dr. Mann says. “Resident physicians are on the ‘front line’ of care delivery and can help identify areas for system-level improvement, as well as pilot interventions for providing better care.”

The year-long program — which added the QI portion two years ago — involves third-year residents working on four mentor-led teams. Pfizer Educational Foundation funded the pilot curriculum, which includes didactic lectures interspersed with project work.

Keith Mann, MD

Along with the e-Rx focus, this year's efforts covered improving communication with families during family-centered rounds, improving the percentage of residents' on-time arrivals to noon educational conferences and improving the quality of parent/patient educational materials in the CCC.

Dr. Mann says he and others who oversee the program tweak it each year as they continue to figure out how to make it work better.

"The easy part is teaching the skills," he says. "The hard part is organizing a group of already-overcommitted residents and mentors to longitudinal projects that may or may not coincide with the rotation they are on that month. We are constantly trying to figure out how to integrate this better into their workflow, so it is both logistically easier, as well as more meaningful, to what they are doing."

“ Resident physicians are on the ‘front line’ of care delivery and can help identify areas for system-level improvement, as well as pilot interventions for providing better care. ”

**Keith Mann, MD, MEd**

Medical Director, Quality Improvement and Patient Safety







## Internal Medicine/ Pediatrics Residency

The University of Missouri-Kansas City Internal Medicine Pediatrics (Med/Peds) Residency is a strong academic program that boasts of its participants, graduates and their accomplishments.

Our program, comprised of three individual hospitals that come together to provide a diverse and excellent education, provides the environment and teaching services needed for a successful experience, but our personnel make the program excellent. Our residents are hard working, intelligent and dependable; but they are also feisty, opinionated and unrelenting.

We have seven outstanding Med/Peds-trained faculty dedicated to the success of our residency. They meet with the residents once a month to discuss any potential problems and ensure our faculty is meeting the needs of our residents. They facilitate a weekly clinic curriculum and attend in the weekly combined Med/Peds Clinic.

## Select Med/Peds Program Notables

This past year, Med/Peds residents presented "Potts puffy tumor: A subtle clue in a 19-year-old male convinced he has migraines" at the Med/Peds meetings at AAP and were awarded second place for the presentation.

Emily Haury, MD, currently a fourth-year resident in the program, joined the Med/Peds faculty as the seventh dedicated staff member.



**Sara Gardner, MD**

Internal Medicine/Pediatrics  
Program Director



**Joan Carstensen, MD**

Internal Medicine/Pediatrics  
Associate Program Director



**NOTICE TO ALL FAMILIES**

If you have been waiting for more than 30 minutes and a Physician or Nurse Practitioner has not seen you

PLEASE NOTIFY A NURSE AT THE NURSES' STATION

ROOM #

APPROXIMATE WAIT TIMES COMPLETED BY, MTC, ETC

ROOM #

ROOM #

ROOM #

DELTA HEALTH

DELTA HEALTH

DELTA HEALTH

DELTA HEALTH

## Fellowship Programs

Children's Mercy continues to enhance its track record of attracting the best and brightest candidates to excelling in their chosen pediatric subspecialty by providing them experience in pediatric education, research, administration and critical thinking.

In 2011-2012, we had 74 fellows enrolled in 27 fellowship programs.

"The Children's Mercy fellowship programs provide the opportunity to develop into a top notch physician in critical care, academic teaching and conducting research," explains Dr. Jane Knapp, Chair, Graduate Medical Education, and Professor of Pediatrics, University of Missouri-Kansas City.

Children's Mercy Hospitals and Clinics offers the following fellowship programs:

Allergy/Immunology	Pediatric Gastroenterology
Child Abuse & Neglect (Children at Risk)	Pediatric Hematology/Oncology
Child Neurology	Pediatric Infectious Diseases
Clinical Neurophysiology	Pediatric Nephrology
Clinical Pharmacology	Pediatric Ophthalmology
Developmental-Behavioral Pediatrics	Pediatric Optometry
Neonatal-Perinatal Medicine	Pediatric Otolaryngology
Pediatric Cardiology	Pediatric Pathology
Pediatric Critical Care Medicine	Pediatric Radiology
Pediatric Dentistry	Pediatric Rehabilitation
Pediatric Dermatology	Pediatric Surgery
Pediatric Emergency Medicine	Plastic & Craniofacial Surgery
Pediatric Endocrinology	Surgical Critical Care
	Surgical Scholars

## U.S. News & World Report

Children's Mercy Hospitals and Clinics ranks among the nation's top pediatric medical centers for the fourth year in a row, according to U.S. News & World Report's 2012 "Best Children's Hospitals." The Best Children's Hospitals includes the top 50 pediatric hospitals in 10 major subspecialties. Children's Mercy ranked in all 10 subspecialties. These specialties demonstrate how we are redefining medicine, one child at a time.

Nephrology  
Urology  
Orthopedics  
Gastroenterology  
Cancer  
Cardiology & Heart Surgery  
Pulmonology  
Neonatology  
Diabetes & Endocrinology  
Neurology & Neurosurgery



The same clinical specialists who provide exceptional care to our patients, provide innovative and cutting-edge training to our residents and fellows.



## LEADership Education: Learning How to Supervise With Skill

Faced with a complex situation, many people's first reaction is to make a gut decision.

That was admittedly the case with two doctors – Joseph Cernich, MD, Medical Director of Clinical Services, Endocrine Fellowship Program Director, and Assistant Professor of Pediatrics, and Angela Myers, MD, MPH, Pediatric Infectious Diseases Fellowship Program Director, Assistant Professor of Pediatrics, Children's Mercy Hospitals and Clinics.

Today, however, both doctors have learned new methods of handling conflict — among many other leadership skills. They recently completed the second of three sessions of the inaugural Association of Pediatric Program Directors' Leadership in Educational Academic Development (LEAD) program.

The nine-month, national course, which concludes spring 2013, accepted only a handful of applicants from across the country. Its focus is to provide a unique opportunity for pediatric academic leaders to engage and learn from seasoned program directors, pediatric educators and other national pediatric leaders. The curriculum focuses on organizational leadership, competency-based curriculum development, faculty development, residency and fellowship program administration, and scholarship and career development.

“I am understanding a lot more of what goes into decision-making processes, and that things are often more complex than they seem at first blush,” Dr. Myers explains.

Dr. Cernich had a similar response.

“I’ve had to take more of a thoughtful approach, rather than going with whatever my first instinct is, to solve a problem or to manage something,” he says.

Both doctors agree that one of the program’s greatest benefits is the connections they’ve developed with other program directors across the country.

“There have been some really good topics on conflict management and being able to assess your own strengths, weaknesses and personality,” Dr. Cernich explains. However, “the best thing to come of it, so far, has been making contacts with people that have been in somewhat similar situations that I am.”

The LEAD educators have also had a significant influence on the two.

Along with guiding the participants, Dr. Myers says, “They are all truly interested in us as people, too. I think this is a key element — the human connection. These interactions have made me strive to be a better mentor.”

In addition to coursework and conferences, the participants each tackle an individual project. Dr. Myers’ focus is on professionalism; she’s helped develop a knowledge-and-attitudes survey for fellows. Dr. Cernich’s project is surveying general pediatricians to develop a fellowship curriculum that better reflects real-world experiences.

In general, both say the program is giving them an exceptional overview of what it takes to be great leaders. Dr. Cernich cites the advantage of having critical information delivered in a format you can absorb quickly “without having to learn a lot of mistakes the hard way.” Dr. Myers says an advantage she has gained has been learning to appreciate the “brilliant people in our graduate medical education department.

“Sometimes, when you go away and see new things, you realize just how good you really have it,” she says.

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**The Leadership in Educational Academic Development (LEAD) program is a national course that focuses on providing a unique opportunity for pediatric academic leaders to engage and learn in their health care environment.**

## T32 Training Grant – Cardiology Fellowship Shapes a Future

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John Spertus, MD, is a recognized name within the field of cardiology.

Dr. Spertus is the Daniel J. Lauer Missouri Endowed Chair in Metabolism and Vascular Disease Research and Professor of Medicine at the University of Missouri-Kansas City, and Clinical Director of Outcomes Research at Saint Luke's Mid America Heart Institute. He is nationally recognized for work with the American College of Cardiology and American Heart Association, induction into the American Society of Clinical Investigation and founding the Cardiovascular Outcomes Research Consortium and CV Outcomes, as well as Health Outcomes Sciences, a biotechnology start-up firm.

Natalie Jayaram, MD, a cardiology fellow at Children's Mercy, was particularly impressed by his development of the Seattle Angina Questionnaire.

"The Seattle Angina Questionnaire is a tool used to assess quality of life in individuals with coronary artery disease," Dr. Jayaram explains. "The tool has been used in hundreds of clinical trials and was developed by Dr. Spertus during his Cardiology fellowship."

Seeing how much Dr. Spertus had accomplished during his fellowship spurred Dr. Jayaram to apply for the Postdoctoral Fellowship Training Program in Cardiovascular Outcomes Research. The fellowship is a T32 training grant

funded by the National Heart, Lung, and Blood Institute to the University of Missouri-Kansas City and hosted by Saint Luke's Mid America Heart Institute.

The fellowship is a perfect fit for the young physician. Following medical school and residency in pediatrics, she completed one year of her Pediatric Cardiology fellowship at Children's Mercy. Over the next two years, the majority of her time will be at the Mid America Heart Institute (MAHI) in her new fellowship role.

"The number and different types of projects that are ongoing here at MAHI is incredible," Dr. Jayaram says. She initially spent a lot of time researching the various projects to help her decide what work she might pursue.

She's already identified one goal.

"The IMPACT Registry – IMproving Pediatric and Adult Congenital Treatment – is a multi-institutional registry, which has been collecting data for several years from pediatric and adult congenital patients undergoing diagnostic cardiac catheterization or catheter-based interventions," says Dr. Jayaram. "There is a huge reservoir of collected data ready for analysis and Dr. Spertus has worked to establish MAHI as the analytic center for this data. As a result, I hope to be involved in some of the first projects that emerge from this registry."

Natalie Jayaram, MD

Other projects she's tackling involve developing a risk-standardization model for pediatric cardiac arrest and a project evaluating quality of life in a group of adult patients with heart failure.

"My long-term professional goal is to pursue a career in an academic practice with a variety of ongoing clinical research projects, in addition to continued involvement in clinical work," Dr. Jayaram says. "The formal training in clinical research this fellowship offers is a totally unique experience that will undoubtedly shape my future career."

“The IMproving Pediatric and Adult Congenital Treatment registry is a multi-institutional registry, which has been collecting data for several years from pediatric and adult congenital patients undergoing diagnostic cardiac catheterization or catheter-based interventions.”

**Natalie Jayaram, MD**  
Cardiology Fellow at Children's Mercy







## Medical Students

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As the pediatric leaders in the region, Children's Mercy is proud to offer currently enrolled medical students at accredited allopathic or osteopathic medical schools the opportunity to request an elective rotation or sub-internship.

Children's Mercy offers elective rotations in the following areas:

Adolescent Medicine	Pediatric Nephrology
Advanced Newborn Nursery	Pediatric Neurology
Child Abuse & Neglect	Pediatric Ophthalmology
Child Advocacy	Pediatric Plastic Surgery
Developmental & Behavioral Pediatrics	Pediatric Psychiatry
Infant & Toddlers with Special Needs	Pediatric Pulmonology
Pediatric Asthma-Immunology	Pediatric Radiology
Pediatric Cardiology	Pediatric Rehabilitation
Pediatric Clinical Pharmacology and Therapeutic Innovation	Pediatric Research
Pediatric Dermatology	Pediatric Rheumatology
Pediatric Emergency Medicine	Pediatric Surgery
Pediatric Endocrinology	
Pediatric Ear, Nose & Throat (ENT)	
Pediatric Gastroenterology	
Pediatric Genetics	
Pediatric Hematology-Oncology	
Pediatric Infectious Disease	

**The following sub-internships are also available:**

Neonatal Intensive Care Nursery  
Pediatric Critical Care  
Sub-Internship (General Pediatrics)  
Sub-Internship-Pediatric Hospital Medicine (CMH)  
Sub-Internship-Pediatric Hospital Medicine (CMS)



### APPLYING FOR A ROTATION

Students interested in applying for an elective rotation or sub-internship can visit [childrensmercy.org/medicaleducation](https://www.childrensmercy.org/medicaleducation) for more details.



**Mohamed Radhi, MD**  
Medical Student Program  
Director



**Maria Dycoco, MD**  
Medical Student Associate  
Program Director



**Robert Riss, MD**  
Medical Student Associate  
Program Director



## Toxicology Analysis – A Study in Student Success

The thought of studying brown recluse spiders (BRSs) may cause many people to develop a case of arachnophobia.

Heather Anderson, MD, a 2012 University of Missouri-Kansas City medical graduate, can certainly understand that view. She saw the dangers of the eight-legged creatures during her medical school pediatrics rotation at Children's Mercy Hospitals and Clinics. A teenage patient suffering a BRS bite developed particularly severe hemolytic anemia, requiring several transfusions and a brief admission to the pediatric intensive care unit.

That experience spiked Dr. Anderson's interest in spider-bite toxicology. But, it wasn't until she asked a research coordinator about pediatric studies for student participation that she studied the subject in-depth.

Dr. Anderson spoke with Jennifer Lowry, MD, a pediatrician in Pharmacology and Medical Toxicology at Children's Mercy and Medical Director of the Center of Environmental Health and the Individualized Pediatric Therapeutics Drug Safety Service.

With a wealth of information already compiled by Dr. Lowry and her team, Dr. Anderson was able to dive into the topic, compiling additional statistics and using the studies for her entry in the 2012 School of Medicine Health Sciences Student Research Summit Awards. Her presentation, “Clinical and Ancillary Data in Children with BRS Envenomation,” received first place.

“It was challenging to find the time between other medical-school obligations to review the charts,” says Dr. Anderson, who spent about a year in medical school at the University of Missouri-Kansas City gathering patient information and analyzing data.

Dr. Lowry added that focusing on an unusual topic likely gave Dr. Anderson an edge in winning.

“It’s obviously a novel thing. Brown recluse spider envenomation is not a common poster topic,” she explains, adding that the large patient population of the study added to its interest among reviewers. “There were good numbers, good statistics, some interesting things we hadn’t expected to find. It was just a good summation of a patient population that the majority of reviewers probably had not seen.”

Dr. Lowry says she enjoyed her first role as an adviser.

“It was exciting for me to have her interested in doing this,” says Dr. Lowry. “It’s fun to be a mentor and see that knowledge base grow.”

While Dr. Anderson doesn’t plan to pursue further research on the topic — she is currently a resident in the Department of Pediatric and Adolescent Medicine at Mayo Clinic, a region with few of the creepy creatures — she still believes the project was well worth the effort. Not only did it help her develop an interest in research, but it developed her research skills, which she’s now using in her cardiology research at Mayo Clinic.

“I believe exposure and direct involvement with research in medical school is very important and provides invaluable skills and insight, which students can use throughout their careers as physicians,” she adds.

““ I believe exposure and direct involvement with research in medical school is very important and provides invaluable skills and insight, which students can use throughout their careers as physicians. ””

**Heather Anderson, MD**

2012 UMKC Medical School Graduate

## Dr. Edna Perez-Koury Retires as Year 1 & 2 Docent

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This past year, Edna Perez-Koury, MD, retired as the Year 1 & 2 Docent for the University of Missouri-Kansas City School of Medicine. Dr. Perez-Koury, a pediatrician at Children's Mercy and an Assistant Professor of Pediatrics at University of Missouri-Kansas City, has held the position since 2007.

The Children's Mercy docent rotation is comprised of eight to 12 first- or second-year students who report to the hospital weekly for the first four academic semesters of their medical school curriculum. In her role, Dr. Perez-Koury — affectionally referred to as “Dr. Edna” by her colleagues and students — met with the entire group weekly, working with students in a reflective learning session to review cases and overall curriculum.

In mid-August, Mark Hoeltzel, MD, pediatric rheumatologist at Children's Mercy and Assistant Professor of Pediatrics at the University of Missouri-Kansas City School of Medicine, was named the new Year 1 Children's Mercy Docent.

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“Dr. Perez-Koury brought great enthusiasm and decades of pediatric experience to her role as Docent. She provided an outstanding introduction to pediatric medicine for the students in their first clinical encounters.”

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**Jane Knapp, MD**

Chair, Department of Graduate Medical Education

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## Continuing Medical Education

Valuing the importance and significance of continuing education, Children's Mercy Hospitals and Clinics is committed to maintaining the highest-quality clinical standards, understanding patient care is a lifelong process that requires staying abreast of the latest procedures, technology and approaches in medicine.

The Continuing Medical Education (CME) program at Children's Mercy Hospitals and Clinics supports physicians in their efforts to remain at the cutting-edge of their profession, delivering high-quality educational content to physicians through lectures, conferences, online courses, regularly scheduled series, interactive skill-based programs and enduring materials.

Children's Mercy Hospitals and Clinics is accredited by the Missouri State Medical Association to provide CME for physicians through June 10, 2014. All CME activities are planned and implemented in accordance with the Accreditation Council for Continuing Medical Education (ACCME) Essential Areas, Elements and Guidelines.

## Grand Rounds Online

For more than a year, Children’s Mercy has offered Grand Rounds Online, taking weekly Grand Rounds lectures out of the auditorium and to providers’ computers.

The first offering, presented in August 2011 as a pilot presentation, had six physicians and four additional health care professionals log on to learn more about “Mandatory Influenza Vaccination of Healthcare Workers — A Patient Safety Issue” from Robyn Livingston, MD, a faculty member in the Section of Infectious Diseases at Children’s Mercy,

Since that successful launch, hundreds of physicians and health care professionals have taken advantage of the web-based programs, including participants from nearly 30 states, as well as countries from around the world.

To learn more about Grand Rounds Online at Children’s Mercy, visit [childrensmercy.org/grandrounds](https://www.childrensmercy.org/grandrounds).

### Sampling of Grand Rounds Topics During the Past Year at Children’s Mercy

Solid Organ Surgery	Impact of Poverty on Children
Patient Transition	Fetal Surgery
Outreach Orthopaedics	Sleep and Fatigue
Mentorship in Pediatrics	Global Health
Probiotics and Prebiotics	Retinopathy of Prematurity
Translational Genomics	Human Factors and Healthcare
Infantile Hemangioma	Diagnosis: Drug Rash
Orthopaedic Surgery Training in Haiti	Fetal Interventions
How Harm Occurs in Hospitals	Diagnosis and Management of Food Allergy
Prevention of Youth Violence	Art and Science of Mentorship
Eosinophilic Esophagitis	Electronic Health Record
Advances in Cardiac Imaging	Inherited Arrhythmias
Clinical Microbiology Laboratory	Sports Medicine: Overuse Injuries
Patient Safety	Position Emission Tomography
Early Origins of Cardiovascular Disease	Clotting in Musculoskeletal Conditions,
New Approach to Developing Anticancer Drugs in Children	Surgery and Infections

- Visit <https://www.childrensmercy.org/grandrounds>.
- Set up your new account with a valid email address. This will become your username.
- Set up your password.
- System requirements, a list of available presentations, your list of completed presentations, handouts and printable certificates will be accessible.
- To participate and obtain CME/CE, you must complete a pre-test and post-test. Tests are not scored or reported, but upon completion of the post-test, you will see the correct answers immediately in comparison with your answers. Your certificate will be available to print immediately upon the completion of your post-test and evaluation.
- Grand Rounds will be posted within two business days after presentation and will be available online for 60 days after posting.
- This process can be used for all available Grand Rounds.
- Should you have questions about this new service available to health care providers, feel free to contact either of the below departments:
  - Medical Education: Teresa Shepherd, Manager, Continuing Medical Education  
Phone: (816) 234-3744 or Email: [tshepherd@cmh.edu](mailto:tshepherd@cmh.edu)
  - Nursing and Allied Education: Ellen Kisling, Director of Education  
Phone: (816) 234-3749 or Email: [ekisling@cmh.edu](mailto:ekisling@cmh.edu)



# KREAMER RESOURCE CENTER





## Health Sciences Library and Kreamer Resource Center for Families

The Health Sciences Library at Children's Mercy provides expert medical librarians to assist with education, literature searches, reference assistance and support for clinical, research and evidence-based practice teams throughout the organization. The library also provides pediatric print and electronic resources to answer information needs, along with document delivery and interlibrary loan services.

Print resources include approximately 4,850 books, 260 Bradford history of pediatrics books, 500 journals (most online) and 100 CD-ROM and DVD items. The Virtual Library of online resources include 200 e-books, over 480 e-journals, multiple databases, point-of-care tools, including DynaMed, UptoDate, VisualDx, and drug references such as Lexi-Comp, Micromedex, and Medications and Mother's Milk. These resources complement the resources at the adjacent University of Missouri-Kansas City Health Sciences library.

The Kreamer Resource Center for Families is a pediatric consumer health library that provides services to the patients, their families and the community, while also supporting patient educators with information in different formats, at different literacy levels and for different developmental ages. Qualified medical librarians help patients' families to find reliable health information and resources in words and pictures they can understand. The Kreamer Resource Center for Families has both

consumer health materials and recreation books for parents and children, and loans from collections of approximately 3,800 consumer health books, 3,900 recreation books, 450 videos, 45 periodicals, plus anatomical models, charts, manikins and exhibit boards.

Consumer health materials focus on childhood illnesses, injuries and disabilities, but include psychosocial support materials, special diet cookbooks and more. Services for families include public access to computers, photocopier, fax and a small meeting space.

### **Medical Libraries: Archive Project**

This year, Brenda Pfannenstiel, AHIP, Manager of Library Services at Children's Mercy, launched an extensive archiving project to enhance the educational and historical resources at Children's Mercy.

Working with a preservationist from the Missouri State Library system, the project involves scanning early 19th century copies of the "Mercy Messenger" news bulletin, as well as some "lantern slides" or glass slides.

**If you have documents, photos, artifacts or other material related to Children's Mercy history that you are willing to lend or give to the Health Sciences Library, please call (816) 234-3800 or (816) 234-3900 or email [hslibrary@cmh.edu](mailto:hslibrary@cmh.edu).**



## Resources

### Advanced Degrees and Certifications

**MASTER OF SCIENCE: BIOINFORMATICS** The Master of Science in Bioinformatics supports the education of students interested in a career in bioinformatics or clinical research. Our graduates master core competencies that allow them to participate in biological research, clinical and population health research, or research to develop innovative information systems. We work passionately to equip the next generation of health researchers by emphasizing patient-oriented research in the context of state-of-the-art medical informatics.

Applicants have to complete the traditional application form, but those who have already obtained a graduate or professional degree from a nationally-accredited university are not required to submit scores from the Graduate Record Examination. For those interested in pursuing a Master of Science in Bioinformatics during their fellowship training at Children's Mercy, a tuition-reduction program is available.

**To learn more about this degree program, visit [www.med.umkc.edu/dbhi](http://www.med.umkc.edu/dbhi).**

**GRADUATE CERTIFICATE: CLINICAL RESEARCH** The Graduate Certificate in Clinical Research is comprised of the core courses offered in the Master of Science in Bioinformatics Clinical Research Curriculum and appeals to fellows of any specialty. The 15-credit hour course 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 Services Research

**To learn more about the Graduate Certificate in Clinical Research program, visit [www.med.umkc.edu/dbhi](http://www.med.umkc.edu/dbhi).**

**GRADUATE CERTIFICATE: HEALTH PROFESSIONS EDUCATION** Based on a core curriculum in applied educational research, the 36-credit hour Graduate Certificate in Health Professions Education 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's in Health Professions Education, call (816) 234-3308.**

**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 in Kansas City. 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, fertility and moral distress, end-of-life decisions, pediatric palliative care, research ethics, biobanking and genetics, enhancement, issues in adolescent medicine, and immunization controversies.

**The focus is exclusively on pediatrics. For additional information on the Bioethics Center Certificate Program, contact the Children's Mercy Bioethics Center at [cmhc@cmh.edu](mailto:cmhc@cmh.edu).**

## Fast Facts

## 2012

Inpatient Care	
Admissions	13,397
Average Length of Stay (ALOS)	4.7
Average Daily Census	210.5
Occupancy Rate	65.8%
Patient Days	
Medical/Surgical	43,836
Intensive Care Nursery	19,823
Pediatric Intensive Care Unit	8,094
CMS Patient Care Unit	4,803
Fetal Health Center	273
<b>Total Patient Days</b>	<b>76,829</b>
Outpatient Visits	
Hospital Clinics	174,121
CMS Specialty Center	84,290
CMN Specialty Clinics	33,355
Primary Care Clinics	73,463
Outreach Clinics	5,092
<b>Total Outpatient Visits</b>	<b>370,321</b>

CMH: Children's Mercy Hospital  
 CMS: Children's Mercy South  
 CMN: Children's Mercy Northland

Diagnostic	68,599
Pharmacy	63,691
Home Care Visits	4,062
Emergency/Urgent Care Visits	
CMH Emergency Room	67,447
CMS Emergency Room	30,832
CMS Urgent Care Center	16,014
Urgent Care College Boulevard	7,457
CMN Urgent Care Center	26,188
<b>Total Emergency/Urgent Care Visits</b>	<b>147,938</b>
Surgical Procedures	
Inpatient	4,382
Outpatient Surgery	14,762
<b>Total Surgical Procedures</b>	<b>19,144</b>
Employees: Full-Time Equivalent	5,197
Volunteers: Active	858
Medical Staff	
Medical Staff	737
Transports	
Transports	4,461

## Honors and Awards 2011-2012

**Barbara Allphin Residents as Teachers Award (Pediatrics):**

Kelsey Lueger, DO

**Barbara Allphin Residents as Teachers Award (Internal Medicine/  
Pediatrics):** Heather Doss, MD

**CAPS Clinical Faculty Award:** Douglas Swanson, MD

**CAPS Clinical Resident Award:** Jill Hanson, MD

**Daniel Scagliotti Award, Educator of the Year:** Ross Newman, DO

**Darrow Award:** Mary Westfall, MD

**Edward R. Christophersen Award:** Benjamin Black, MD

**Emergency Medicine Award:** Brandi Martin, DO, and Jessica Ratto, DO

**Fellow - Research Award – 1st Place:** Tamarrah Davis, MD

**Fellow - Research Award – 2nd Place:** Trisha Beck, MD, and  
Jennifer Goldman, MD

**Fellow Teaching Award:** Justin Sharp, MD

**Hematology and Oncology Award:** Mary Westfall, MD

**Herbert A. Wenner, MD Faculty Award for Medical Student Education:**  
Nasreen Talib, MD, MPH

**Hospital Medicine Award:** Mary Westfall, MD

**Laura L. Backus, M.D. Memorial Award:** Deepa Patel

**Lifetime Achievement Award:** Gary Wasserman, MD

**Mercy Award:** Alan Clement, MD

**Neonatal-Perinatal Medicine Award:** Jamie Rosterman, DO

**Outstanding Teaching Section Award:** Cardiology

**Pediatric Care Center Award:** Alan Clement, MD

**Pediatric Critical Care Award:** Laura Plencner, MD

**Professor Rounds Award – 1st Place:** Jamie Rosterman, DO

**Professor Rounds Award – 2nd Place:** Christopher Fitzgerald, MD

**Professor Rounds Award – 3rd Place:** Heather Wilson, MD

**Resident - Research Award – 1st Place:** Emily Fox, MD

**Resident - Research Award – 2nd Place:** Jill Hanson, MD

**Seely Award:** Brandi Martin, DO

**Nursing Unit of the Year Award:** Emergency Department

**Nurse of the Year Award:** David Keeler, RN

# Contact Listing

## Graduate Medical Education

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## Health Sciences Library and The Kreamer Resource Center for Families

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REDEFINING PEDIATRIC MEDICINE | **ONE CHILD AT A TIME**



Children's Mercy Hospitals and Clinics

2401 Gillham Road, Kansas City, MO 64108 | (816) 234-3373 | [www.childrensmercy.org](http://www.childrensmercy.org)

In academic affiliation with the University of Missouri-Kansas City | EOE/AAE

