

A photograph of two surgeons in an operating room. They are wearing blue scrubs, blue bouffant caps, and light blue surgical masks. One surgeon is wearing glasses. They are looking down at a patient on the operating table. A large C-arm X-ray machine is visible in the background, with the brand name 'MAVIC' on its arm. The room is brightly lit with overhead surgical lights.

2015-2016 NEWSLETTER

UMKC
School of Medicine

RADIOLOGY

**Residency prepares for Early Specialization
in Interventional Radiology program**

ALUMNI ASSOCIATION MESSAGE



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Dear Esteemed Colleagues, Staff, Fellows and Residents,

Coming Home to UMKC

“All of our lives we’re looking for home and if we’re really lucky, we find it.” Annita Krizzan

The University of Missouri Kansas City (UMKC) Radiology Residency is fortunate to have dedicated staff from a myriad of backgrounds, creating an exceptional educational environment. In recent years the program has experienced a surge in graduates “coming home” to UMKC Radiology.

My own route back has been indirect, following a body imaging fellowship at Johns Hopkins, along with years in teleradiology. All of these experiences have molded me into the radiologist I am today. I am thrilled to return to UMKC Radiology, not only diving into a job at the VA Medical Center serving veterans, but also a position allowing me to teach residents and students. I am eager to meld my experiences into educational opportunities helping residents excel in radiology knowledge, consultation and interpersonal skills.

Dr. Kay North, a 2009 UMKC graduate, reflects on her decision to stay at UMKC. She states “I joined Children’s Mercy Hospital faculty in 2010 because I really enjoy being part of resident education. It is challenging to allow each resident to approach patient care in their own unique way while still gently guiding them. Not only do I learn from them, but also simultaneously help develop their radiology knowledge. It is definitely a mutually beneficial relationship.”

Working with diverse faculty at UMKC affiliated institutions exposes residents to a vast breadth of pathology and expertise. This educational variety is paying off as residents and faculty continue to flourish in their accomplishments. Last year’s UMKC radiology resident’s average score on the ACR in-service exam was 89 percent compared nationally, which is quite an achievement!

Many of our “locally grown” staff have been here for several years, quietly helping our program and emphasizing radiology’s importance to clinical colleagues. Dr. Lawrence Ricci, class of ’98 UMKC radiology graduate and Radiology Chair at Truman Medical Center, heads a medical student radiology course that has increased student knowledge and interest in our profession. Dr. Martin Reed, class of ’01, is the primary teacher for students and residents at the VA. Several other former residents have returned after fellowships to UMKC affiliated hospitals such as Drs. Brent Cully (pediatric radiology), Chad Ruble (musculoskeletal), Joseph Witham (MRI), Natasha Acosta (neuroradiology), Stephanie Reid (body imaging), Nebiyu Beteselassie (body imaging), Megan Saettele (breast imaging), Sutchit Patel (Interventional) and Jordan Sessions (neuroradiology).

Dr. Jordan Sessions, a 2014 UMKC neuroradiology fellowship graduate who joined the VA Medical Center staff, discussed his decision to stay. “Now that I am an alumnus of the residency and fellowship, my viewpoint on the value of training I received has been magnified. The quality of teaching, caliber of faculty, and diversity of learning opportunities left a very positive impression on me. I was eager to be affiliated with the program after fellowship and now I look forward to working with residents daily.”

The growing accomplishments and camaraderie in radiology at UMKC have fostered a spirit of “hometown” or “home-program” pride and dedication. For many graduates such as myself, it’s great to be back “home” at UMKC!

Sincerely,

Melissa Leimkuehler, M.D.
President
UMKC Radiology Alumni Association





Radiology faculty at the Kansas City VA Medical Center perform a percutaneous extremity catheter angiogram.

Residency prepares for designation as program in Early Specialization in Interventional Radiology

Medical residents with desires of becoming interventional radiologists can get an early start on their training in UMKC School of Medicine's Radiology Residency program. Lisa Lowe, M.D., F.A.A.P., chair of radiology and director of the radiology residency, said the program easily meets all of the Accreditation Council for Graduate Medical Education requirements as a site for Early Specialization in Interventional Radiology.

The ESIR program being headed by Saint Luke's Hospital interventionalist and UMKC associate professor of Radiology, John Borsa, M.D., is intended to help standardize the training of diagnostic radiology residents who express an early interest in concentrating on interventional radiology. The graduate medical education body has been encouraging radiology residency programs to include a minimum of 12 months of subspecialty

"It is our goal at UMKC to make a program flexible enough that all residents may explore all of their many options."

LISA LOWE, M.D.
Chair of radiology

training by the end of the PGY5, R4, year.

Borsa said the designation will ensure the residency remains an attractive program for those considering interventional radiology as a career.

"It will provide our residents full flexibility in deciding on a career path – that being interventional radiology or diagnostic radiology. ESIR will integrate seamlessly into the current curriculum," he said. "I think it will ultimately raise the awareness of interventional radiology among medical students. That can only help the field in the

future."

Lowe said the designation formalizes what has already been in place at the UMKC program, which has offered residents early specialization in interventional training for a number of years. In fact, half of last year's graduating residency class is currently enrolled in interventional radiology fellowships. Graduates in the ESIR program will complete 12 months of interventional training, a month of ICU medicine and over 500 interventional procedures. Four current

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Radiologists at Saint Luke's Hospital will train UMKC School of Medicine radiology residents in a wide array of interventional radiology procedures.

Radiology lectures provide students added instruction

Students at the School of Medicine are getting a taste of radiology throughout their curriculum. An integrated series of radiology lectures has been introduced in courses throughout the first five years providing imaging content that corresponds with individual courses, said Stefanie Ellison, M.D., associate dean for curriculum.

The series is headed by UMKC Assistant Professor and Truman Medical Center Radiology Department Chair Larry Ricci, D.O. Additional UMKC radiology department faculty who practice at one of the School of Medicine affiliates assist with the lectures, showing a variety of images such as radiographs, ultrasound, CT and MRI scans. Lectures include instruction on imaging indications, how to choose the correct imaging study, and an overview of risk factors and benefits regarding radiological studies.

“Students have a better grasp on the utility of imaging and a better understanding of radiology careers.”

LARRY RICCI, D.O.
TMC Radiology Chair

Ellison said the lectures encourage longitudinal learning about radiology and appropriate imaging.

“They’re designed to reinforce what students are seeing in clinics and help them understand the imaging needs of the patients in those clinical experiences,” Ellison said.

Lectures presented early in the curriculum are generally delivered live during the course. Those given during corresponding clerkships are offered online through voice over PowerPoint presentations that students can view on their own.

“Since the School of Medicine began incorporating radiology lectures in 2014-15, we are seeing students have a better grasp on the utility of imaging and a better understanding of radiology careers,” Ricci said.

Residency prepares for ESIR designation

Continued from Page 1
seniors have been accepted into interventional radiology fellowships for the 2016-2017 academic year, and at least one graduating resident has obtained an interventional radiology fellowship each of the last four years.

UMKC radiology residents can start taking electives in interventional training as early as their PGY2 year, which is far earlier than most other programs.

“For us, it is a matter of formalizing what we are already doing, rather than making a big change,” said Lowe. “We are simply making sure that if one of our residents decides to pursue interventional radiology, they will be prepared and qualified to make the transition.”

A variety of diagnostic and treatment procedures can be performed by interventional radiologists such as balloon angioplasty, inserting stents to open narrowed or blocked blood vessels, inserting drainage catheters, sclerotherapy or embolization of vascular malformations, clot removal in strokes, and percutaneous tissue sample biopsies for pathological examinations. “Interventional radiology is becoming so complex with all of the various procedures in various patient populations, that to expose our residents to the breadth of training they need, rotations in diverse hospitals is required,” Lowe said. “Fortunately, our residents are able to rotate on interventional at all of our affiliated institutions which gives them access to more variety than any

other institution in the region. Specifically, they do pediatric interventional at children’s, neurointerventional at Saint Luke’s Neuroscience Institute, vascular interventional at the veterans hospital, basic body interventional at Truman, and various, highly complex tertiary referral body cases at Saint Luke’s Hospital. Access to such a variety of cases allows our residents to receive unparalleled training locally whether or not they enrolled in the ESIR program.”

The UMKC program does offer ACGME approved radiology fellowships in neuroradiology and pediatric radiology. A thoracic imaging fellowship is available at UMKC as well. However, Lowe said that the UMKC residency program is heavily-resident oriented and also provides a high degree of specialization during residency in areas that are often less accessible to residents in general, such as cardiovascular imaging, pediatric radiology, musculoskeletal, thoracic, breast, and neuroradiology. “Although resident-oriented, it is our goal at UMKC to make a program flexible enough that all residents may explore all of their many subspecialty options,” she said.

“If we’re an Early Specialization in Interventional Radiology program, our residents have choices. Instead of being locked into a separate interventional residency, they can easily transition into interventional radiology through the ESIR program or transition out of interventional radiology if they decide at some point to change their plans,” Lowe said.

Radiology Alumni Reunion & New Resident Welcome

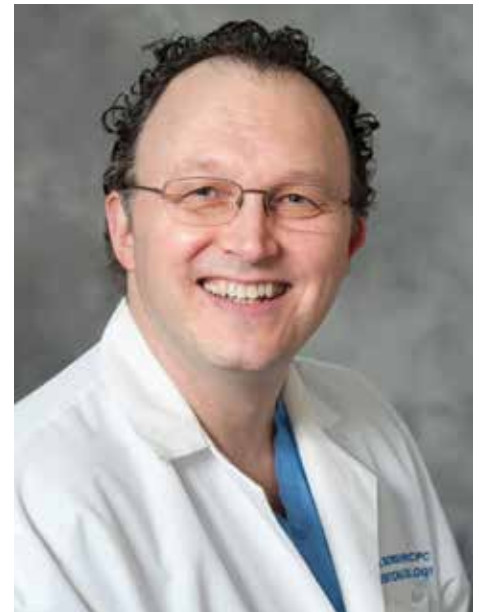


Faculty, residents, and fellows enjoy a beautiful poolside evening at the Intercontinental Hotel on the Plaza. Top image: PGY1 residents Travis Brown, Travis Kauffman and guest, and Jennifer Buckley with guests. Second row: (left image) Moe Tun, PGY4, Megan Saettele, and Lisa Lowe (faculty); (right image) Sarah Kurain, PGY2, Justin Stowell, PGY3, and guest; third row: Jordan Smoit, PGY1, Anatoly Luskotov, PGY2, and guest, and Chris Ellington, PGY1; bottom row: (left) a clown did balloon-making and face-painting; (right) Kevin Cormier (pediatric radiology fellow, CMH) & family.





Kelli Andresen, M.D., (right) Educator of the Year, with 2014 graduate Jake Tellier, M.D.



John Borsa, M.D., Advocate of the Year

Radiology residents recognize faculty with 2015 awards

Residents from the Department of Radiology presented two special awards to faculty for their exceptional work as educators and resident advocates during the 2015 graduation dinner.

Senior residents selected John Borsa, M.D., associate professor of radiology, as this year's Advocate of the Year. Borsa is an interventional radiologist at Saint Luke's Hospital. The award recognizes a faculty member for excellence in supporting the residents' education and interests.

Kelli Andresen, M.D., associate program director and clinical associate professor, was honored with the Educator of the Year Award for her excellence in teaching. Andresen served as section chief of abdominal imaging at Saint Luke's Hospital. She has served on the UMKC School of Medicine selection committee and has been a speaker at the American Roentgen Ray Society case based review course for several years in a row.

Faculty take part in national faculty development programs

Department of Radiology faculty members Melissa Rosado de Christenson, M.D., F.A.C.R., professor of radiology, Jessica Sanchez, M.D., assistant professor of radiology; and Sherwin Chan, M.D., Ph.D.; assistant professor of radiology, participated in two prestigious national meetings and faculty development programs this past April.

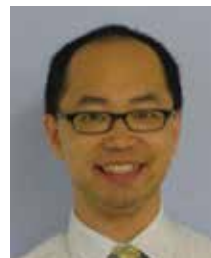
Rosado de Christenson, who is serving as president of the American Roentgen Ray Society, presided over the group's 2015 American Roentgen Ray Society meeting in Toronto, Canada, in April. The ARRS, founded in 1900, is the first and oldest radiology society in the United States.

Sanchez also attended the meeting after receiving a grant from the organization to take part in its prestigious Clinical Educator Development Program.

Junior faculty are nominated by their department chairs and medical directors to participate in the program. Twenty-five radiologists across the country are selected and receive a grant to attend a two-day workshop.



Jessica Sanchez, M.D.



Sherwin Chan, M.D., Ph.D.

Leading educators present the workshops to aid the faculty members in increasing proficiency in teaching skills and designing educational activities. The workshops cover topics such as adult learning theory and practice, developing curriculum, interactive techniques and exercises, and case-based learning.

Rosado de Christenson, who is also one of the country's preeminent thoracic radiologists, has worked with numerous radiology societies during her career. She has served as president the American Association of Women

Radiologists, the Latin American Thoracic Radiology Society and the Society for Thoracic Radiology in addition to the American Roentgen Ray Society.

Chan received a grant to participate in the 2015 Association of University Radiologists Academic Development Program in New Orleans. The program gathers promising junior faculty members for a one-day program of education and networking.

"I was honored to be chosen to attend the AUR faculty development workshop," Chan said. "The highlight was a roundtable with prominent radiology department chairs and one-on-one meetings with mentors who have successfully applied for extramural grant funding. I know that the knowledge from this meeting will help me to be a better teacher, trainee advocate and researcher."

Participants attend workshops that focus on topics such as career development, ethics and publishing, excelling in education and research, attaining and maintaining academic productivity, and service with radiology organizations.

Residents receive awards for excellence in radiology

David Lerner, M.D., was one of seven residents honored for their outstanding work and accomplishments in radiology with individual awards at the 2015 graduation dinner. Lerner was the recipient of the RSNA Roentgen Resident Research Award that is given to a resident at any level who demonstrates outstanding scholarly work.



David Lerner, M.D.

During his residency, Lerner compiled an impressive list of scholarly achievements through interest and work in aerospace medicine. He was a finalist for the 2013 Space Medicine Association Jeff Myers Young Investigator Award from the Aerospace Medical Association. Lerner was invited to speak to NASA officials at a Space Medicine Grand Rounds session at the Johnson Space Center in Houston on his study of using interventional radiology rather than open surgery while in outer space.

Lerner started a body imaging fellowship in July 2015 at Mallinckrodt Institute of Radiology, Washington University. His accomplishments are listed below:

Award: Finalist, Space Medicine Association Jeff Myers Young Investigator Award, Aerospace Medical Association 2013 meeting. Chicago, IL. Lerner DJ, Parmet AJ. Interventional Radiology: The future of surgery in microgravity.

Publications: 1. Lerner D. Portable Radiography: A Reality and Necessity for ISS and Explorer Class Missions. Aerospace Med & Human Perform 2015; 86(2):140-2.

2. Lerner DJ, Samson M, Holloway W, Akhtar N. Spinal Dural Arteriovenous Fistula with Bilateral Lateral Sacral Arterial Supply and Embolization. Kansas J Med 2013; 94-7.

Posters: 1. Lerner DJ, Cho K, Parmet A, Wible B, Borsari J. Portable Digital Radiography: A Reality and Necessity for ISS and Future Explorer Class Missions. Aerospace Med Assoc Nat conference. San Diego, CA

2. Lerner DJ, Wible BC, Chesis P, Gooden C, Pelletier S, Randall HB. A novel procedure for managing excluded segmental postoperative bile duct leak. Amer Hepato-Pancreato-Biliary Assoc meeting. Miami Beach, FL

Oral presentations: Lerner D, Parmet AJ. Interventional Radiology: The Future

of Surgery in Microgravity, Applications and Proof of Concept for Training at NASA Astronaut Program. Aerospace Med Assoc. meeting. San Diego, CA

Additional Resident Awards Schottman German Outstanding Graduating Resident Award

Marcus Kater, M.D., PGY5, was the recipient of the 2015 Schottman German Outstanding Graduating Resident Award. This award was established in 1992 to honor Drs. Gerhard W. Schottman and Donald R. Germann. The fund was established through the Sain Luke's Hospital Foundation to be a \$1,000 cash award given at graduation to the most outstanding graduating radiology resident. The honoree is selected based on voting from the entire UMKC faculty and residents.



Marcus Kater, M.D.

Outstanding Graduate in Neuroradiology Award

Jared Halpin, M.D., PGY5, was the recipient of the 2015 Outstanding Graduate in Neuroradiology Award. This award is given to a graduating resident who demonstrates outstanding performance, professionalism, communication skills and exceptional service on the neuroradiology during the prior academic year. A cash award is given with this honor.



Jared Halpin, M.D.

Excellence in Chest Imaging Award Gerald Finke Spirit of Excellence Award

Blake Cohen, M.D., PGY4, was selected as the 2015 recipient of the Excellence in Chest Imaging Award. This award is given annually to a resident at any level of training who demonstrates outstanding performance and leadership while on the thoracic imaging rotation during the prior academic year. The Saint Luke's Hospital Foundation established the award in 2010 and fully funded the award in 2011.



Blake Cohen, M.D.

Cohen also received the 2015 Truman Medical Center/Medical Imaging Gerald Finke Spirit of Excellence Award. This award is given annually to a resident at any level who demonstrates the qualities one would most want to have in a radiology colleague such as hard working, professional, affable, conscientious, kind and a team player. Both honors also include cash awards.

Peer Review Award

Matt Towsley, M.D., PGY5, was recognized with the 2015 UMKC Peer Review Award. Towsley had the highest overall cumulative peer evaluation score during the academic year. This award is based on evaluations filled out by each of the UMKC radiology residents. It is a great honor to be selected by your peers for this award.



Matt Towsley, M.D.

Excellence in Neuroradiology Award

Ross Holwerda, M.D., PGY3, received the 2015 Excellence in Neuroradiology Award. This honor, including a cash award, is given to a resident at any level of training who demonstrates outstanding performance, professionalism, communication skills and exceptional service in neuroradiology during the prior academic year.



Ross Holwerda, M.D.

TMC Consultant of the Year

Chad Davis, M.D., PGY2 resident, was honored as recipient of the 2015 Truman Medical Center Consultant of the Year Award. The Emergency Department at TMC gives this award annually to a radiology resident selected as the most helpful on-call radiology consultant during the past academic year. Radiology Chair Lisa Lowe, M.D., said it is a great honor to receive an award for helping another department care for its patients.



Chad Davis, M.D.

Conference offers insight into challenges, opportunities

A leadership development program sponsored by the Association of University Radiologists offered Zach Bailey, D.O., insight into some of the unique opportunities and challenges in the field of academic radiology.

The Radiology Resident Academic Leadership Development Program was part of the radiology society's national meetings in New Orleans. Attendees were chosen through an application process for highly motivated, second-year residents interested in careers in academic



**Zach Bailey,
D.O., MBA**

unique opportunities available to academic

radiology.

Bailey said the program included lectures that focused on leadership and quality improvement initiatives.

"I thought the program was beneficial in demonstrating the

radiologists, as well as pointing out the challenges involved in the field and how current academics are meeting those challenges," Bailey said.

During the event, Bailey met other radiologists and explored the lifestyles of academic radiologists from career development and promotion opportunities to maintaining a work-life balance.

"The program served as a valuable networking opportunity," Bailey said.



Radiology faculty Natasha Acosta, M.D., (left) and Lawrence Ricci, D.O., (middle) co-chaired the 2015 Fashion for a Cause benefit for the Truman Medical Center Charitable Foundation with Leawood, Kansas Mayor Peggy Dunn (right).

Radiology faculty co-host fundraiser for hospital's NICU

Radiology faculty members Lawrence Ricci, D.O., and Natasha Acosta, M.D., served as co-chairs for the 10th annual Fashion for a Cause benefit for the Truman Medical Center Charitable Foundation. The event took place on April 17 at the Grand Ballroom in Kansas City.

Ricci serves on the foundation's board. He and Acosta, both radiologists at Truman Medical Center, have actively supported the event that raises money for women's health at the hospital for the past nine years, Ricci said.

This year, Ricci and Acosta were asked to serve as the main chair people of the event. Leawood, Kansas Mayor Peggy Dunn served as honorary chair, and actor and syndicated talk show host Mario Lopez

was the event's celebrity host.

"We were involved with making contacts to donors, news appearances, helping with the planning of the event and speaking during the event," Ricci said.

This was the 10th anniversary for Fashion For A Cause, which has grown into one of Kansas City's top-rated fashion events. Women's health at TMC includes areas such as breast health, obstetrics, gynecology, cancer care, and primary health and wellness.

This year's event, Ricci said, was the largest Fashion For A Cause ever. More than 1,100 people attended the event. The program raised more than \$410,000 that will help to provide medical equipment for the neonatal intensive care unit at Truman.

Radiology welcomes Class of 2020

Six new residents have joined the UMKC Radiology Residency program as members of the Class of 2020. They are listed below along with the medical school they graduated from.

- Travis Brown, D.O.** —
Kansas City University of Medicine and Biosciences
- Jennifer Buckley, M.D.** —
University of Kansas
- Chris Ellington, M.D.** —
University of Arkansas
- Sherief Garrana, M.D.** —
University of Oklahoma
- Travis Kauffman, D.O.** —
Kansas City University of Medicine and Biosciences
- Jordan Smith, D.O.** —
A.T. Still University

FELLOWSHIPS: WHERE HAVE THEY GONE?

Graduates of the UMKC School of Medicine Radiology Residency have gone on to prestigious fellowship as listed below.

2015-2016

Resident	Fellowship Type	Institution
Blake Cohen, M.D.	Musculoskeletal	Mayo Clinic
Neal Desai, M.D.	Interventional Radiology	Emory University
Brett Donegan, M.D.	Interventional Radiology	Emory University
Ben Haverkamp, M.D.	Interventional Radiology	University of Kansas
Randall Heller, M.D.	Interventional Radiology	MD Anderson Cancer Center
Shane Rassman, D.O.	Breast Imaging	University of Wisconsin
Alicia Schrader, D.O.	Musculoskeletal	Yale University

2014-2015

Resident	Fellowship Type	Institution
Marcus Kater, M.D.	Musculoskeletal	Mayo Clinic
Matt Towsley, M.D.	Interventional Radiology	Johns Hopkins School of Medicine
David Lerner, M.D.	Body Imaging	Mallinckrodt Institute / Washington Univ.
Jared Halpin, M.D.	Neuroradiology	UMKC/Saint Luke's Neuroscience Institute
Craig Steeds, M.D.	Interventional Radiology	University of North Carolina
Susan Gutschow, M.D.	Thoracic Imaging	UMKC/Saint Luke's Hospital
Jacob Tellier, M.D.	Interventional Radiology	University of South Florida



Randy Heller, M.D.



Jared Halpin, M.D.



Kalie Adler, D.O.



Stephane Desouches, D.O.

Heller, Adler, Desouches assume 2015 chief resident positions

The radiology department is pleased to announce that Randy Heller, M.D., has assumed the role of senior chief resident. Heller, a graduate of the University of Missouri-Columbia School of Medicine, previously served as 2014-15 junior chief resident.

He replaces outgoing senior chief

resident Jared Halpin, M.D., who is now a neuroradiology fellow at Saint Luke's Neuroscience Institute.

The department is also happy to welcome Kalie Adler, D.O., and Stephane Desouches, D.O., who were elected by fellow residents to serve as the junior chief residents for 2015-16.

Winningham elected to AOA honor society

Peter Winningham, M.D., radiology resident class of 2018 and a UMKC School of Medicine graduate, was selected to the UMKC Missouri Delta chapter of the Alpha Omega Alpha Medical Honor Society.

The organization recognizes those who excel in scholarship and advocate for the highest ideals in the medical profession. Its members display values that include honesty, honorable conduct, morality, virtue, unselfishness, ethical ideals, dedication to serving others and leadership.

The AOA allows chapters to select three to seven residents or fellows for membership each year. Winningham was one of three UMKC residents/fellows selected in 2015 from an outstanding list of candidates.



Peter Winningham, M.D.

RESEARCH RECOGNITION

Faculty (italics), fellows/residents (bold) and students (*).

2015

Research Awards & Kudos

First Place Scientific Exhibit, Am Soc Spine Radiology (**ASSR**)-spine section. Las Vegas, NV. Spectrum of Pediatric spinal neoplasms: An interactive tutorial. **Haverkamp B**, *Nizmaunddin R, **Winningham P**, **Lowe LH**
Am Coll of Radiol (**ACR**) Radiology Resident Program. Selected to receive grant to represent the state of Missouri at the ACR meeting. Washington DC. **Towsley M & Tun M**
Selected for Neurographics at Am Soc Spine Radiol (**ASSR**) meeting. Las Vegas, NV. Spectrum of Pediatric spinal neoplasms: An interactive tutorial. **Haverkamp B**, *Nizmaunddin R, **Winningham P**, **Lowe LH**.

Peer Reviewed publications

Chan SS, Pollack AN. Lyme Arthritis. *Pediatr Emerg Care* 2015 (in press).
Simionescu-Bankston A, Pichavant C, Canner JP, Apponi LH, Wang Y, **Steeds C**, et al. Creatine kinase B is necessary to limit myoblast fusion during myogenesis. *Am J Physiol Cell Physiol* 2015 Mar
Chan SS, Whitehead KK, Kim TS, et al. Repaired tetralogy of Fallot with coexisting unrepaired partial anomalous pulmonary venous connection is associated with diminished right ventricular ejection fraction and more severe right ventricular dilation. *Pediatr Radiol* 2015 May 3.
Shah VA, **Martin CO**, Hawkins AM, **Holloway WE**, *Junna S, **Akhtar N**. Groin complications in endovascular mechanical thrombectomy for acute ischemic stroke: a 10-year single center experience. *J Neurointerv Surg* 2015 May 22.
Linfante I, Starosciak AK, Walker GR, Dabus G, Castonguay AC, Gupta R, Sun CJ, **Martin C**, **Holloway WE**, et al. Predictors of poor outcome despite recanalization: a multiple regression analysis of the NASA registry. *J Neurointerv Surg* 2015 Jan 6
Mahmariam JJ, Peterson LE, Xu J, Cerqueira MD, Iskandrian AE, **Bateman TM**, Thomas GS, Nabi F. Regadenoson provides perfusion

results comparable to adenosine in heterogeneous patient populations: a quantitative analysis from the ADVANCE MPI trials. *J Nucl Cardiol* 2015;22(2):248-61.

Bateman TM, Case JA. Variability in normal myocardial blood flow measurements: physiologic, methodologic, or protocol related. *J Nucl Cardiol* 2015;22(1):85-8.

Bateman TM. Twelfth annual Mario S. Verani, MD memorial lecture: Vision, leadership, and change-A reflection on the challenges and opportunities in the community-based practice of nuclear cardiology. *J Nucl Cardiol* 2015;22(3):435-49.

Bateman TM, Lance Gould K, Di Carl MF. Proceedings of the Cardiac PET Summit, 12 May 2014, Baltimore, MD: 3: Quantitation of myocardial blood flow. *J Nucl Cardiol* 2015;22(3):571-8.

Heller GV, **Bateman TM**, et al. Proceedings of the ASNC Cardiac PET Summit, 12 May 2014, Baltimore, MD. *J Nucl Cardiol* 2015;22(3):555-6.

Shaw KA, **Dunoski B**, **Mardis NJ**, Pacicca D. Knee morphometric risk factors for acute anterior cruciate ligament injury in skeletally immature patients. *J Child Orthop* 2015;9(2):161-8.

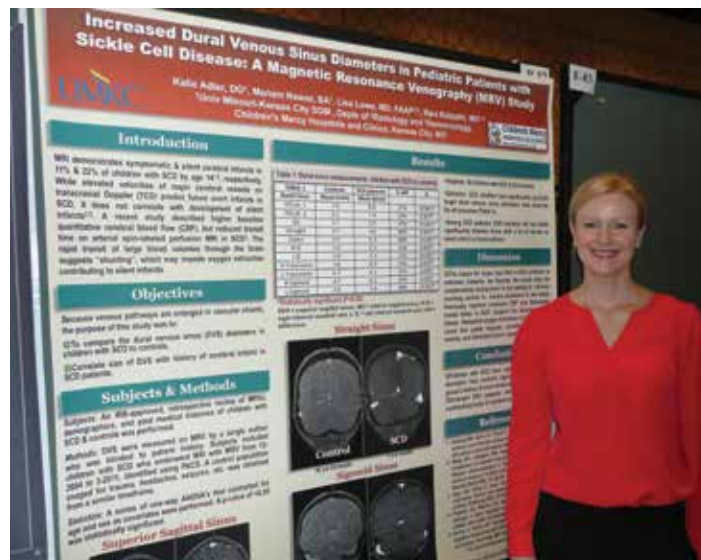
*Dahlstrom K, **Dunoski B**, Zerlin JM. Blunt renal trauma in children with pre-existing renal abnormalities. *Pediatr Radiol* 2015;45(1):118-23.

Walker CM, **Rosado de Christenson ML**, **Martinez-Jimenez S**, **Kunin JR**. Bronchial arteries: Anatomy, function, hypertrophy and congenital anomalies. *Radiographics* 2015;35(1):32-49.

*Shah S, **Desouches SL**, **Lowe LH**, **Kasraie N**, **Reading B**. Implementation of a competency check-off in diagnostic fluoroscopy for radiology trainees: impact on reducing radiation for three common fluoroscopic exams in children. *Pediatr Radiol* 2015;45(2):228-34.

Lerner D. Portable Radiography: A Reality and Necessity for ISS and Explorer Class Missions. *Aerospace Med & Human Perform* 2015; 86(2):140-2.

Saettele MR, **Loskutov A**, **Sigley MJ**, **Lowe LH**, **Nielsen DB**. Biopsy-proven case of childhood primary



Kalie Adler, D.O., presents her poster at the Association of University Radiologists meeting in Los Angeles.

angiitis of the central nervous system presenting with bilateral panuveitis and anisocoria. *Pediatr Radiol* 2015;45(2):291-95.

Grants

*Vidhi Shah, MS-UMKC (Mentor: **Sherwin Chan, MD, PhD**). Radiological Soc N Am (**RSNA**) medical student grant. Topic: Visualizing the difference between life and death: A comparison of liver ultrasound findings in children with sinusoidal obstruction syndrome after bone marrow transplantation.

Chan SS. Children's Mercy New Investigator Award. Topic: Designing software for motion compensated digital tomosynthesis (DTS).

Chan SS. GE Investigator. Topic: Pediatric Airway VolumeRAD protocol optimization. Use airway phantoms to optimize GE protocols for pediatric imaging.

2014

Research Awards & Kudos

Certificate of Merit, Radiol Soc N Amer (**RSNA**) meeting. Restrepo CS, Murillo H, Vargas D, Ocazonez D, **Martinez-Jimenez S**, Baxi AJ. Infectious Diseases of the Heart: Pathophysiology, Clinical and Imaging Overview. Chicago, IL
Selected for Radiographics, Radiol Soc N Amer (**RSNA**) meeting. **Gutschow S**, **Walker C**, **Martinez-Jimenez S**, **Rosado de Christenson ML**, **Kunin JR**. Emerging Concepts in Intramural

hematoma. Chicago, IL
Best Paper Award, Brit Assoc Pediatr Surg (**BAPS**) & Int Pediatr Endosurg Group (**IPEG**) meeting. **Rivard D**, **Reading B**, **Cully B**. Edinburgh, Scotland

Certificate of Merit, Radiol Soc N Amer (**RSNA**) meeting. **Desouches S**, *Alikhan W, **Sanchez J**, **Stull MA**. Bone Densitometry: A Resident's Guide to Common Pitfalls and How to Avoid Them. Chicago, IL
RSNA Honored Educator award.

Martinez-Jimenez S. Selected by RSNA as one of the best radiology educators in the world. Chicago, IL
Outstanding Resident Award, UMKC Grad Med Ed (GME). **Stowell J**. Most Helpful Physician 2014, Children's Mercy Hospitals & Clinics. **Kucera E**. Board of Directors, American College of Radiology (ACR), Missouri chapter. **North K**. Selection for 3 year term. RSNA/AUR/ARRS Introduction to Academic Radiology (IAR) Program. **Tun M**. Selected to attend IAR program. RSNA meeting, Chicago, IL

Peer Reviewed publications

Castonguay AC, Zaidat OO, Novakovic R, Nguyen TN, Taqi MA, Gupta R, Sun CH, **Martin C**, **Holloway WE**, et al. Influence of age on clinical and revascularization outcomes in the North American Solitaire Stent-Retriever Acute Stroke Registry. *Stroke* 2014;45(12):3631-6.
Wible BC, Gooden C, **Saucier N**, **Borsa JJ**, Cummings LS, **Cho KH**. Ethylene-



Resident David Lerner, M.D., presented his poster at the Aerospace Medical Association National meeting in San Diego, Calif.

vinyl alcohol copolymer endobiliary obliteration of hepatic segments in a patient with isolated bile leaks. *J Vasc Interv Radiol* 2014;25(11):1821-5.

Sharp NE, Svetanoff WJ, Alemayehu H, Desai A, Raghavan MU, Sharp SW, **Brown JC, Rivard DC**, St Peter S, Holcomb GW 3rd. Lower radiation exposure from body CT imaging for trauma at a dedicated pediatric hospital. *J Pediatr Surg* 2014;49(12):1843-5.

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14.

Alemayehu H, Fraser JD, Pahud BA, **Davignon DA**. Herniation of Meckel's diverticulum into a ventriculoperitoneal shunt tract. *J Pediatr Surg Case Reports* 2014; 2:243-245.

Walker CM. Editorial. *Curr Probl Diagn Radiol* 2014;43(3):99.

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Linfante I, Dabus G, Starosciak A, Castonguay A, Gupta R, Sun C, **Martin C, Holloway W**, et al. O-032 predictors of poor outcomes despite successful recanalization in patients with acute ischemic stroke. *J Neurointerv Surg* 2014; 6 Suppl 1:A17-8.

Grants

Knowlton JQ. Co-Investigator. Topic: Non-invasive evaluation of cardiac function in pediatric cancer survivors, IRB # 12020130. Performing functional cardiac MRI up to 50 children and young adult pediatric cancer survivors. Comparing cardiac function evaluation using MRI vs. echocardiogram. **2014-present**

Behbod F, **Meierotto R**. Co-PI. Sponsor: NIH (R21 CA185460). Topic: Essential Role of BCL9 in Promotion of Human DCIS to Invasive Ductal Carcinoma. To identify and validate a biomarker, BCL9, that alone or in combination with other existing biomarkers can predict a future risk of IDC in DCIS patients and by doing so help guide decisions regarding treatment and follow-up. **2014-2016**

Behbod F, **Meierotto R**. Co-PI. Sponsor: AACR. Topic: Essential Role of BCL9 in Promotion of Human DCIS to Invasive Ductal Carcinoma. 2014-2016



School of Medicine

RESIDENCY COORDINATOR

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Children's Mercy
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U.S. Department
of Veterans Affairs



RESEARCH RECOGNITION

Faculty (italics), fellows/residents (bold) and students (*).

2015

Research Awards & Kudos

First Place Scientific Exhibit, Am Soc Spine Radiology (**ASSR**)-spine section. Las Vegas, NV. Spectrum of Pediatric spinal neoplasms: An interactive tutorial. **Haverkamp B**, *Nizmaunddin R, **Winningham P**, **Low LH**

Am Coll of Radiol (**ACR**) Radiology Resident Program. Selected to receive grant to represent the state of Missouri at the ACR meeting. Washington DC. **Towsley M & Tun M**

Selected for Neurographics at Am Soc Spine Radiol (**ASSR**) meeting. Las Vegas, NV. Spectrum of Pediatric spinal neoplasms: An interactive tutorial. **Haverkamp B**, *Nizmaunddin R, **Winningham P**, **Low LH**.

Peer Reviewed publications

Chan SS, Pollack AN. Lyme Arthritis. *Pediatr Emerg Care* 2015 (in press).
Simionescu-Bankston A, Pichavant C, Canner JP, Apponi LH, Wang Y, **Steeds C**, et al. Creatine kinase B is necessary to limit myoblast fusion during myogenesis. *Am J Physiol Cell Physiol* 2015 Mar

Chan SS, Whitehead KK, Kim TS, et al. Repaired tetralogy of Fallot with coexisting unrepaired partial anomalous pulmonary venous connection is associated with diminished right ventricular ejection fraction and more severe right ventricular dilation. *Pediatr Radiol* 2015 May 3.

Shah VA, **Martin CO**, Hawkins AM, **Holloway WE**, *Junna S, **Akhtar N**. Groin complications in endovascular mechanical thrombectomy for acute ischemic stroke: a 10-year single center experience. *J Neurointerv Surg* 2015 May 22.

Linfante I, Starosciak AK, Walker GR, Dabus G, Castonguay AC, Gupta R, Sun CJ, **Martin C**, **Holloway WE**, et al. Predictors of poor outcome despite recanalization: a multiple regression analysis of the NASA registry. *J Neurointerv Surg* 2015 Jan 6

Mahmariyan JJ, Peterson LE, Xu J, Cerqueira MD, Iskandrian AE, **Bateman TM**, Thomas GS, Nabi F. Regadenoson provides perfusion results comparable to adenosine in heterogeneous patient populations: a quantitative analysis from the ADVANCE MPI trials. *J Nucl Cardiol* 2015;22(2):248-61.

Bateman TM, Case JA. Variability in normal myocardial blood flow measurements: physiologic, methodologic, or protocol related. *J Nucl Cardiol* 2015;22(1):85-8.

Bateman TM. Twelfth annual Mario S. Verani, MD memorial lecture: Vision, leadership, and change-A reflection on the challenges and opportunities in the community-based practice of nuclear cardiology. *J Nucl Cardiol* 2015;22(3):435-49.

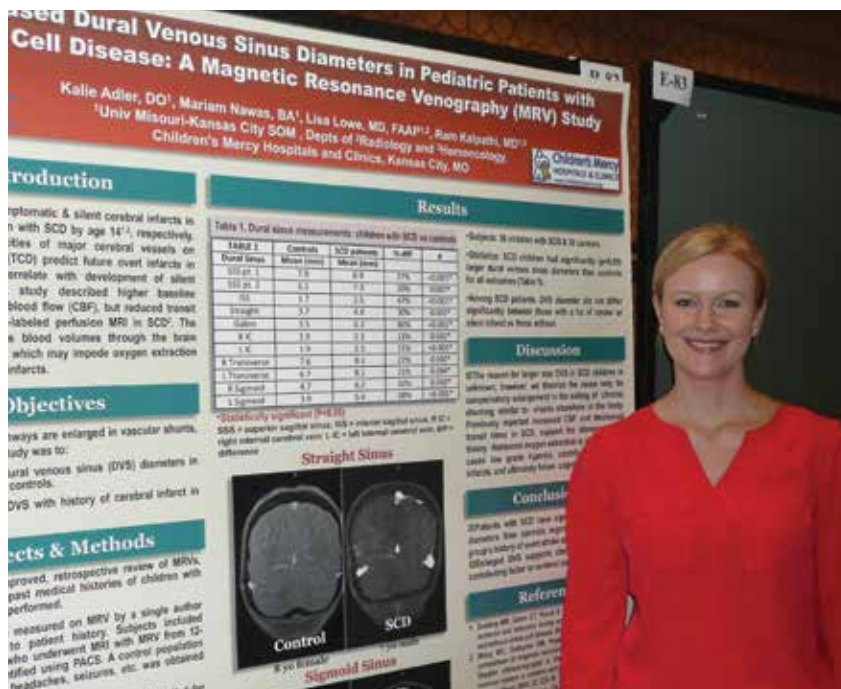
Bateman TM, Lance Gould K, Di Carli MF. Proceedings of the Cardiac PET Summit, 12 May 2014, Baltimore, MD: 3: Quantitation of myocardial blood flow. *J Nucl Cardiol* 2015;22(3):571-8.

Heller GV, **Bateman TM**, et al. Proceedings of the ASNC Cardiac PET Summit, 12 May 2014, Baltimore, MD. *J Nucl Cardiol* 2015;22(3):555-6.

Shaw KA, **Dunoski B**, **Mardis NJ**, Pacicca D. Knee morphometric risk factors for acute anterior cruciate ligament injury in skeletally immature patients. *J Child Orthop* 2015;9(2):161-8.

*Dahlstrom K, **Dunoski B**, Zerlin JM. Blunt renal trauma in children with pre-existing renal abnormalities. *Pediatr Radiol* 2015;45(1):118-23.

Walker CM, **Rosado de Christenson ML**, **Martinez-Jimenez S**, **Kunin JR**. Bronchial arteries: Anatomy, function, hypertrophy and congenital anomalies. *Radiographics* 2015;35(1):32-49.



Kalie Adler, D.O., presents her poster at the Association of University Radiologists meeting in Los Angeles.

*Shah S, **Desouches SL**, **Low LH**, **Kasraie N**, **Reading B**. Implementation of a competency check-off in diagnostic fluoroscopy for radiology trainees: impact on reducing radiation for three common fluoroscopic exams in children. *Pediatr Radiol* 2015;45(2):228-34.

Lerner D. Portable Radiography: A Reality and Necessity for ISS and Explorer Class Missions. *Aerospace Med & Human Perform* 2015; 86(2):140-2.

Saettele MR, **Loskutov A**, **Sigley MJ**, **Low LH**, **Nielsen DB**. Biopsy-proven case of childhood primary angiitis of the central nervous system presenting with bilateral panuveitis and anisocoria. *Pediatr Radiol* 2015;45(2):291-95.

Grants

*Vidhi Shah, MS-UMKC (Mentor: **Sherwin Chan, MD, PhD**). Radiological Soc N Am (**RSNA**) medical student grant. Topic: Visualizing the difference between life and death: A comparison of liver ultrasound findings in children with sinusoidal obstruction syndrome after bone marrow transplantation.
Chan SS. Children's Mercy New Investigator Award. Topic: Designing software for motion compensated digital tomosynthesis (DTS).

Chan SS. GE Investigator. Topic: Pediatric Airway VolumeRAD protocol optimization. Use airway phantoms to optimize GE protocols for pediatric imaging.

2014

Research Awards & Kudos

Certificate of Merit, Radiol Soc N Amer (**RSNA**) meeting. Restrepo CS, Murillo H, Vargas D, Ocazonez D, **Martinez-Jimenez S**, Baxi AJ. Infectious Diseases of the Heart: Pathophysiology, Clinical and Imaging Overview. Chicago, IL
Selected for Radiographics, Radiol Soc N Amer (**RSNA**) meeting. **Gutschow S**, **Walker C**, **Martinez-Jimenez S**, **Rosado de Christenson ML**, **Kunin JR**. Emerging Concepts in Intramural hematoma. Chicago, IL
Best Paper Award, Brit Assoc Pediatr Surg (**BAPS**) & Int Pediatr Endosurg Group (**IPEG**) meeting. **Rivard D**, **Reading B**, **Cully B**. Edinburgh, Scotland

Certificate of Merit, Radiol Soc N Amer (**RSNA**) meeting. **Desouches S**, *Alikhan W, **Sanchez J**, **Stull MA**. Bone Densitometry: A Resident's Guide to Common Pitfalls and How to Avoid Them. Chicago, IL
RSNA Honored Educator award. **Martinez-Jimenez S**. Selected by RSNA as one of the best radiology

educators in the world. Chicago, IL Outstanding Resident Award, UMKC Grad Med Ed (GME). **Stowell J.** Most Helpful Physician 2014, Children's Mercy Hospitals & Clinics. **Kucera E.**

Board of Directors, American College of Radiology (ACR), Missouri chapter.

North K. Selection for 3 year term. RSNA/AUR/ARRS Introduction to Academic Radiology (IAR) Program.

Tun M. Selected to attend IAR program. RSNA meeting, Chicago, IL

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