

EMERGENCY MEDICINE

2019 NEWSLETTER

UMKC

A MESSAGE FROM THE CHAIRMAN

We continue to provide “state-of-the-art, compassionate, emergency care in an environment of academic excellence.”

And yes, that is our mission statement!

Almost two years ago, we changed our “provider-in-triage” process, and we continue with “door-to-doc” times as well as “left without being seen” rates that are the “best ever” in the history of our Emergency Department. Our Missouri State Certified STEMI Center and Level I Trauma Center continue to treat more patients than ever, too!

The residency program is still outstanding. There are 11 residents per year in a 1, 2, 3 format. Amy Stubbs, M.D., the Program Director, Dr. Inboriboon, the Associate PD and Drs. Hillman and O’Rourke, the Assistant PDs continue to do a great job training excellent residents. Hard to believe that Dr. Stubbs has been PD for 5 years, now. Christina Mayne completed her second year as Residency Program Coordinator. Jayna Ross continues in the Student Clerkship Coordinator role. Ms. Karen Manley will be retiring at the end of August after serving as our Administrative Assistant for 11 years. She will be hard to replace!

Melanie Camejo, M.D has taken over as the Director of our Student EM Clerkship. The Emergency Medicine Interest Group continues as the largest in the School. We continue to sponsor a one-day Emergency Medicine Simulation Experience for about 30 medical students

each year as well as participate in the Great Plains Regional SAEM SimWars competition.

The faculty remains academically productive. We continue to be a site for the Emergency ID Net research group and, with the help of three full-time research coordinators, have several studies underway.

The faculty is also busy. Dr. Sullivan transitioned out of the Associate Dean for Graduate Medical Education and DIO (Designated Institutional Official) position after 5 incredibly successful years and is now the Associate Dean for Professional Development, a new position created for her “very particular set of skills!” Dr Ellison continues as the Associate Dean for Learning Initiatives. Dr. Hackman is the Chief Medical Information Officer for TMC and the Chief Quality Officer. Dr. O’Rourke has had another great year improving ED Throughput as the ED Operations Director. Dr Steele has been appointed to a new position as the Executive Chief Clinical Officer (essentially a combination of CMO and COO.) He continues as the Executive Medical Director of our practice group. Drs. Algren and Christian still work as toxicology consultants at Children’s Mercy Hospital and at the Kansas

Poison Control Center and Dr. Algren continues as the Chair of the Selection Committee for the School of Medicine. Dr. Inboriboon is the Director for International Emergency Medicine Studies. Dr. Carney is the EMS Medical Director for the City of Kansas City and is Chief of the EMS Section. Dr. Andrew Balk is the Director of Emergency Ultrasound. Tyler Haas, M.D. is a new faculty member fresh from an EMS Fellowship at Washington U and is the Associate EMS Medical Director for the City of KCMO.

Charlie Inboriboon, M.D. MPH is just back from his Fulbright Fellowship in Thailand. More to follow later in the newsletter.

Under the leadership of Paul Ganss, the Program Director and Dr. Carney, the Medical Director, the EMS Education Program thrives. The Paramedic Program continues its accreditation by the Commission on Accreditation of Allied Health Programs.

We appreciate the support of our alumni. We still have several who work clinical shifts as “moonlighters” and several others who help administer the ever popular “mock” oral board examinations. Three graduates from the Class of 2019 are working as part-timers in the ED: Drs. Spencer, Norman and Tran. Additionally, Dr. Michael Casner is working here and a couple of more graduates are exploring their options here. We appreciate our moonlighters and are always on the lookout for more,

so if you are interested, give me a call and let us see what we can work out. I can almost promise that you will enjoy it and I know that the residents will be appreciative.



MATT GRATTON, MD
Professor and Chair, Emergency Medicine
Truman Medical Center
UMKC School of Medicine

FACULTY

Adam Algren MD
 Andrew Balk MD
 Angela Bogle MD
 Melanie Camejo MD
 Erica Carney MD
 Michael Christian MD
 Stefanie R Ellison MD
 Steven Go MD
 Matthew C Gratton MD, Chair
 Tyler Haas MD
 Jeffrey L Hackman MD
 Emily Hillman MD
 Thomas Hindsley MD
 P Charles Inboriboon MD
 Heather Isom MD
 Kevin O'Rourke MD
 Mark T Steele MD
 Amy Stubbs MD
 Srikala Subramanian MD
 Christine Sullivan MD

ANCILLARY FACULTY

Monica Gaddis PhD
 Jeremy Hampton PharmD

PART-TIME FACULTY

Jeffrey Beckett, MD
 Michael Casner, MD
 Elliott Fried, MD
 Ryan Jacobsen, MD
 Jared Norman, DO
 Hugh Ryan, MD
 Jake Ruthstrom, MD
 Nicholas Smith, DO
 Charles Spencer, MD
 Anthony Toigo, DO
 Kevin Tran, DO
 Paul Williams, DO

MID-LEVEL PROVIDERS

Adam Dobbins, NP
 Jennifer Humphreys, NP

Amy Siebes, NP
 Jacqueline Still, NP
 George Varghese, PA
 Camille Williams, NP

NURSING POSITIONS

Amy Peters MBA BSN RN is the Chief Nursing Officer at Truman Medical Centers.
 Gina Rosser BSN RN is our Emergency Department director.
 Our Nursing Education Coordinators are: Hannah Olson MBA, MSN, RN and Christina Fenwick BSN, RN.
 Our current Clinical Team Managers are: Jennifer Wilson BSN, RN, Lisa Smith BSN, RN, Megan Carrol BSN, RN, Pam Hinrichs MSN, RN, and Lindsay Wiese BSN, RN.

Deborah Gilburn, MSN, RN is our SANE Coordinator.

CLASS OF 2022

Cody Baker, M.D. - University of Arkansas for Medical Sciences College of Medicine
 Christopher Erikson, D.O. - Kansas City University of Medicine & Biosciences College of Osteopathic Medicine
 Ryan Krempels, M.D. - Creighton University School of Medicine
 Peter Lampe, M.D. - Creighton University School of Medicine
 Jonathan Lyons, D.O. - Kansas City University of Medicine & Biosciences College of Osteopathic Medicine
 Brian Opferman, M.D. - Stritch School of Medicine, Loyola University of Chicago
 Nathaniel Rider, M.D. - Texas Tech University Health Sciences Center School of Medicine
 Jeremy Serreyn, D.O. - Kansas City University of Medicine & Biosciences College of Osteopathic Medicine
 Matthew Whitton, M.D. - Texas Tech University Health Sciences Center School of Medicine

Riley Williams, M.D. - University of Kansas School of Medicine
 Hunter Winstead, M.D. - University of Illinois College of Medicine

PRACTICE LOCATIONS 2019

Amanda Augustine, M.D. - Mercy Healthcare, St. Louis, Missouri
 Josef R. Beauvais, M.D. - Sutter Solano Medical Center, Vallejo, California
 Clarence J. Dye M.D. - Mercy Healthcare, Rogers, Arkansas
 Kristoph Haak, M.D. - Southern Colorado Emergency Medicine Associates, Pueblo, Colorado
 Liliya Kraynov, M.D. - Oregon Health & Science University, Portland, Oregon

Taylor L. Neff, M.D. - Lawrence Memorial Hospital, Lawrence, Kansas
 Jared Norman, D.O. - Centerpoint Medical Center, Independence, Missouri
 Grace D. Ortman, M.D. - Chicago, Illinois
 Charles T. Spencer III, M.D. - Kansas City VA Medical Center, Kansas City, Missouri
 Kevin Tran, M.D. - Centerpoint Medical Center, Independence, Missouri
 Wesley W. Winn, M.D. - Mosaic Life Care, St. Joseph, Missouri

2019 AWARDS

ROBERT M ELENBAAS PHARMD RESEARCH AWARD: Liliya Kraynov, M.D., May 2019. Truman Medical Center, Department of Emergency Medicine (chosen by EM Faculty)
 RESIDENT OF THE YEAR: Charles Spencer, M.D. Truman Medical Center, Department of Emergency Medicine (chosen by EM Faculty)
 RESIDENT TEACHING AWARD: Charles Spencer, M.D. (chosen by medical students rotating in department and rotating residents)
 CMH EM RESIDENT OF THE YEAR: Taylor Neff, M.D. (chosen by CMH Pediatric EM Faculty)

HIGHEST IN-TRAINING EXAM SCORES BY PGY CLASS: Wesley Winn, M.D. (PGY3), Jim O'Brien, M.D. (PGY2), Matthew Cook, M.D. (PGY1)
 MOST IMPROVED ITE SCORE: Ben Cross, M.D. (PGY-3)

FACULTY TEACHING AWARD 2019: Melanie Camejo, M.D. (chosen by EM residents)
 2019 SOCIETY FOR ACADEMIC EMERGENCY MEDICINE TEACHING AWARD: Taylor Neff, M.D.
 OUTSTANDING ACHIEVEMENT IN ULTRASOUND AWARD: Wesley Winn, M.D.
 OUTSTANDING EMS PRESENTATION AWARD: Ashley Borden, D.O.
 GOLD HUMANISM HONOR SOCIETY: Clarence Dye, M.D.

2019 ORAL BOARD EXAM

We want to thank our 2019 examiners for sacrificing their free time to help with the Mock Oral Board practice:
 Doug Coe, M.D. (2007)
 Ralph Schutz, M.D. (1987)
 Tim Stebbins, M.D. (2010)
 Kathryn Miner, D.O. (2019)
 Andrew Russell, M.D. (2013)
 Brian Freeman, D.O. (2017)
 David Biller, M.D. (2012)
 Jeff Hackman M.D. (2004)
 Lindsay Schwartz D.O. (2017)

The date for the 2020 exam is Thursday, March 5, 2020. Sign up now and avoid the rush! Contact Christina Mayne (christina.mayne@tmcmcd.org).

WEEKLY CONFERENCES

All alumni are invited to attend our weekly conferences and socialize! Conferences are held every Thursday. For specific details or to be added to the conference schedule distribution list, please contact Christina Mayne (christina.mayne@tmcmcd.org).

ED OPERATIONS

It has been another busy year for Emergency Medicine. As a department, we cared for nearly 61,000 patients last year, of which 11,600 were admitted. We were on diversion for 13 hours the entire year and EMS rewarded us with 14,800 patients. We continually to utilize APPs as a Provider-in-Triage and our Left Without Being Seen was 2.7%. The median time to being seen by a provider was 11 minutes. In the next year, the Operations Committee will continue to look for ways to decrease the length of stay for admitted and discharged patients.

The addition of Dr. Haas to the faculty and shift coverage by part-timers will allow us to expand faculty double coverage nearly to 24/7/365.

We have added a new Ultrasound machine to the department and have been billing for our ultrasound exams.

Residents continue to suggest improvements to Cerner to limit the number of providers who die deaths by a thousand clicks and improve resident satisfaction.

It has been a fun year and I look forward to working with everyone to accomplish more things in the next year.

Kevin O'Rourke MD
 Director of ED Operations and Assistant Program Director

RESIDENCY PROGRAM

I simply cannot believe I am writing my 5th update for the ED newsletter; sometimes I still feel like I just graduated. Alas, time is marching on, but our team feels really fortunate to have these young enthusiastic residents to keep us energized and challenged. Operational improvements, more faculty hours (double covered night shifts!), and ever-evolving didactics provide an exceptional educational and clinical experience for our residents, in turn allowing for excellent clinical care for the community we are proud to serve.

Some residency highlights from this past year include:

- Our popular Annual Wellness Day: this year our wellness crew planned a Winter Wilderness theme, which included an overnight stay in Weston and guest speakers; Dr. Brandon Elder (2016) and Dr. Dan Kalin from UNMC speaking on environmental emergencies.

- Hosting special guest and presenter at Senior Research day, icon of EM, Dr. Amal Mattu. He was genuinely impressed with the quality of our senior projects!

- Multiple faculty and residents traveled to ACEP (San Diego) and CORD (Seattle) conferences together; both were excellent professional development and camaraderie building opportunities!

- Incorporating even more wellness into our didactics including book club and service projects. See the wellness section for more details!

- Ladies' night and Man day: TopGolf and a baby shower for the ladies. Guns, soccer, gambling, and beer for the guys (yes this was all in one day).

- Checkout our Facebook, Instagram, and Twitter (@umkcEM) accounts to keep up on all the latest happenings

The quality and commitment of our faculty and residents continues to be a tremendous source of inspiration and pride for me.

The residents so appreciate learning from our alumni and community partners who have participated in didactics, panel discussions, Mock Oral Boards, and clinical shifts. Many thanks to you and our tireless, dedicated faculty and staff who proudly carry on our UMKC-EM tradition.



Amy Stubbs, MD
 Program Director

P. Charles Inboriboon, MD
 Associate Program Director

Emily Hillman, MD
 Medical Director Simulation - UMKC Clinical Training Facility
 Assistant Program Director, and MedEd/SIM Fellowship Director

Kevin O'Rourke, MD
 Director of ED Operations and Assistant Program Director



NEWSWORTHY UPDATES

Dye and Gratton Inducted into the Gold Humanism Honor Society

On January 26, 2019 Casey Dye, M.D. a PGY3 resident in Emergency Medicine and Matt Gratton, M.D. the Chair of Emergency Medicine, both at UMKC School of Medicine were inducted into the UMKC SOM Chapter of the Gold Humanism Honor Society. Members are nominated and elected by the Society “in recognition of exemplary service, integrity, clinical excellence and compassion.” Congratulations to both!



Matt Gratton, M.D., Casey Dye, M.D.

Dr. Jim O'Brien Appointed to the ALiEM Wellness Think Tank

For the 2019-2020 academic year Dr. O'Brien, our program's resident Wellness Chair, was selected to join the Academic Life in Emergency Medicine's Wellness Think Tank. He will join a team aiming to improve and advocate for physician

wellness on an individual, institutional, and national level. Dr. O'Brien specifically will be involved in a podcast series, research projects, and will develop a national wellness curriculum as a resource for programs looking to bolster wellness



Jim O'Brien, M.D.

initiatives.

Steve Go, M.D. Continues with 21 Years of Service with the NBME!

Dr. Go starts his 21st year of service with the National Board of Medical Examiners. He currently serves on the Board of Directors, which helps set policy and direction for NBME's many initiatives worldwide. He is also a member of the United States Medical Licensing Examination (USMLE) Management Committee, which is responsible for policy, standard setting, and direction for all three Step exams that all physicians must pass to practice in the United States. He was recently appointed as Chair of an



Steve Go, M.D.

Interdisciplinary Review Committee responsible for secondary review and approval of Step 3 items. Finally, he serves on the Special Purpose Examination (SPEX) Management Committee, which oversees a joint NBME and Federation of State Medical Boards (FSMB) exam for physicians seeking licensure reinstatement or reactivation after some period of professional inactivity, or physicians involved in disciplinary proceedings in which a state board determines the need for evaluation.

Charlie Inboriboon, M.D. Completed Fulbright Fellowship in Thailand!

Dr. Charlie Inboriboon recently completed a Fulbright Fellowship to Thailand. He was one of three US Scholar recipients for the academic year. During his stay, he was hosted by Chulalongkorn's emergency medicine program and was supported by the Thai College of Emergency Physicians (TCEP).

The goal of his educational project focused on improving resident education through enhancing active learning and feedback. The timing could not have been better as Thai residency programs were transitioning from traditional time based training to competency based training with the adoption of milestones and entrustable professional actions (EPAs). During the fellowship, he shared his experiences and the skills he acquired as part of the UMKC/Truman Medical Center emergency medicine residency leadership.

He ran workshops for Thai residency and fellowship programs on how to incorporate milestones and EPAs into training programs, including developing workplace-based assessments and utilizing a clinical competency committee. He worked with his host institution to perform a comprehensive program assessment and improvement plan in preparation for their World Federation of Medical Education (WFME) site visit. The program received one of the highest evaluation scores in Thailand by the WFME.

To encourage the transition from traditional lectures to more active forms of learning, he co-hosted a workshop on incorporating active learning strategies into didactics at the Annual Meeting of the Thai College of Emergency Physicians. He also worked directly with Thai emergency medicine educators to teach residents and medical students through the use of simulation, procedure workshops, and small group discussion.



Jesal Amin, M.D., Charlie Inboriboon, M.D., Jim O'Brien, M.D.

Dr. Inboriboon reports that living and working in Thailand for six months was an amazing learning experience. He developed a much deeper understanding and appreciation for adult learning theory and how it applies to medical education. Living in a country as a non-native speaker increased his empathy for his patients in the United States and an even greater appreciation for his medical colleagues that immigrated to the US to train. It also reinforced his experience that emergency medicine physicians share a common bond regardless of borders. Working at Truman also helped him share practical experiences with EM physicians working in resource-limited environments.

During his stay, two of our emergency medicine residents (Drs. Jesal Amin and Jim O'Brien) and a medical student (Deven Bhatia) assisted him with several educational activities. He guest instructed at six training institutions in Thailand, the first EM residency program in Laos, and at the Mongolian National University of Medical Sciences. He plans to continue collaborating with these institutions and hopes to build formal ties between UMKC and these institutions.



Dr. Inboriboon, Students, and Residents in Thailand!

CHIEF RESIDENTS

Ashley Olson, D.O.

I was born and raised in the NW suburbs of the Twin Cities in Minnesota. I attended The College of St. Scholastica in Duluth, MN for undergrad majoring in Biology/Pre-med with a minor in American Sign Language. After graduating college I married my high school sweetheart, Riley, and we began our life together in Blaine, MN. I worked as a scribe for a company called Emergency Physicians Professional Association for 3 years prior to being accepted into medical school at KCUMB here in Kansas City. I have always enjoyed teaching and working with students, which prompted me to apply for KCUMB's anatomy fellowship between my second and third years of medical school. In the fellowship, I conducted research and taught first and second year medical students in anatomical lectures



and gross dissections in the cadaver lab. During this time, my husband and I were fortunate enough to expand our family of our four-legged, furry Olde English Bulldogge child Sarge, to our first human baby Hunter Gordon! We have now been recently blessed with our second child, Aurora Rose, born July 1st! Balancing residency with two children as well as a rambunctious bulldog has been challenging but the program here at Truman is truly a family-oriented one. My husband and I are so thankful we were able to stay here in Kansas City; it is a beautiful place with an endless supply of amazing restaurants and bars as well as fun activities for adults and kids alike. In addition to sampling the local cuisine and adult beverages, I try to keep up with my love for singing and acting, staying active with sand volleyball and running, maintaining my pop culture references with trivia nights, and practicing patience by hanging out with my boisterous toddler and newborn!

Ashley Borden, D.O.



Ashley Borden, DO joined the UMKC Emergency Medicine residency program in 2017 after moving from Texas. She grew up in San Antonio, TX, and later attended Texas A&M University where she received a B.A. degree in English, with a minor in Theater Arts, and a Post-Baccalaureate Teaching Certificate. She spent five years working as a high school English teacher, and was also involved in the school's extra-curricular theater arts productions. It was during this time that she met and married her wife, who was also a teacher. Though she enjoyed teaching, she felt destined for more, and ultimately made the decision to become a doctor. After supplementing her undergraduate education with prerequisite science

courses, she began her medical education in 2013 at the University of North Texas - Texas College of Osteopathic Medicine. She planned to enter the field of Emergency Medicine from the onset, and enthusiastically matched with UMKC in 2017. Though she is now a physician, she will always be a Liberal Arts major at heart. She enjoys theater, musical theater, literature, playing piano, traveling, and spending time with her friends and family.

Ben Cross, M.D.

I was beyond thrilled when I matched into my top-ranked spot here at Truman/UMKC in 2017, and still feel an immense sense of gratitude after two full years! I was born and raised in Arvada, CO, where I grew up loving the outdoors,



mountains, skiing, hiking, etc. I then headed towards the beaches of southern California for college, and graduated from Vanguard University with a degree in Biology/Pre-med in 2011. I spent the next two years working, first in a cancer research lab back home at the University of Colorado. This was followed by a year of "finding myself" and relocating to Washington state to be sandwiched between the ocean and the mountains, while working as a barista at a small, local coffee shop. I was then accepted to the University of Nebraska Medical Center for medical school, and spent my next four years buried in books and exploring Omaha with any free time I had. It was there I met my girlfriend (and newly minted fiancé), MacKenzie. We moved to Kansas City together, where she is entering her third year of being an elementary school counselor. In our free time, we enjoy going to dog parks with our golden retriever, Rooney, exploring the countless restaurants and breweries around Kansas City, seeing all the live music we can, traveling, and taking ski trips in the winter!

DR. SULLIVAN TRANSITIONS TO THE ASSOCIATE DEAN FOR PROFESSIONAL DEVELOPMENT

After 5 years as the Associate Dean for Graduate Medical Education, Dr. Sullivan decided to step away from that role and pursue new interests. During this time, she also served as the Designated Institutional Official for the school's Accreditation Council for Graduate Medical Education (ACGME) 35 programs. She directed

the establishment of four new ACGME programs in 5 years, and is proud that all 35 programs are fully accredited and in good standing. The institution has had no citations and was commended for its substantial compliance with ACGME requirements during this time. Dr. Sullivan has overseen the supervision of over 400 residents and fellows from 47 GME programs annually and also served as the Chair of the school's Graduate Medical Education Council (GMEC).

In July, she became the first-ever Associate Dean for Professional



Christine Sullivan, M.D.

Development for the SOM. The mission of the newly established Office of Professional Development is "to create, optimize, and make possible opportunities to engage faculty to develop their skills and achieve

professional fulfillment throughout their careers." In her role, she will implement formal mentoring programs; develop educational opportunities, including those that foster career progression; professionalism; and well-being for faculty. She Chairs the Professional Development Committee and Faculty Awards Review Committee.

NEW MEDICAL EDUCATION/ SIMULATION FELLOWSHIP

Beginning in July 2020 our department will have a PGY4/5 Medical education/ Simulation Fellowship program. We are currently actively recruiting one fellow for the position. This 1 or 2 year non-ACGME fellowship program is designed for those interested in a career in academic emergency medicine and seeking to build skills in teaching, curricular development, leadership, simulation-based education, and medical education research. 2-year fellows will complete a Master of Health Professions Education (MHPE) degree (Graduate Certificate for 1-year fellows). Candidates must have graduated in good standing from an ACGME-accredited emergency medicine (EM) residency program and must be board-certified or board-eligible in EM. Contact fellowship program director Dr. Emily Hillman at Emily.hillman@tmcmcd.org for more information. Please spread the word about this opportunity!

RESIDENT WELLNESS INITIATIVES

Our residents and faculty have developed a wellness curriculum to face the unique challenges involved in emergency medicine training. We have aimed to substantiate wellness by incorporating it into regular and dedicated conference time. Our wellness activities focus on service, resiliency, and career development, and will continue to grow with creative ideas to support and empower residents.

In August of 2018, we had our first service day at Jewish Vocational Services where we assembled furniture for incoming refugee families. Our second, in May 2019, was at The Kansas City Assessment and Triage Center, a local mental health crisis center. We held conference there, revamping their courtyard with flowers, vegetables and picnic tables. While giving back to our community we reflected on the social adversity of our patients and became familiar with a disposition resource available to us in the ER.

Residents and faculty participated in various extra-curricular activities throughout the year including trivia and outings with furry friends. Our running enthusiasts also successfully completed their 3rd annual "Brew to Brew", a 44-mile relay between Kansas City and Lawrence, KS. This year we had nice weather, no delays, and some did enjoy a brew or two at the end of the course.

DEPARTMENT UPDATES

Throughout the year, we host wellness days that offer guest speakers, field trips, book clubs, career information, and financial education; all ideas from residents wanting to better our program. The Wellness Committee manages department awards, shout-outs, “Saves of the Month” and miscellaneous gifts in efforts to recognize those who go above and beyond. Ultimately, we aim to sustain a positive, open environment for all residents to feel welcome and fulfilled.



Wellness Activities!

WELLNESS CURRICULUM

- Intern Welcome Week
- Service Days (spring and summer)
- Career Workshop
- Resiliency Day
- Post In-Training Exam Festivity
- Book Club
- Miscellaneous outings, consultant mixers, gift giving, awards



Wellness at Sporting KC and the Royals!



Follow us on Instagram!
@umkc.em

PROMOTIONS

Dr. Monica Gaddis, PhD has been promoted to Associate Professor. She came to UMKC- School of Medicine in December of 2013 as the Research Director for the Department of Emergency Medicine and as a faculty member in the Department of Biomedical and Health Informatics.

Dr. Gaddis was tasked with developing and implementing a research curriculum/policy for the EM residency. With this, the program has successfully evolved over the last 5 years to include a first year resident Case Report and a true research based Scholarly Activity project that is completed and presented by all third year residents. Dr. Gaddis guides the residents thought both projects, providing expertise in topic development, method design and statistical analysis as well as providing writing and editing support. Dr. Gaddis has also worked with Emergency Medicine Faculty to establish research groups including the EMS research group with Dr. Erica Carney and the Sepsis Research group with Dr. Charles Inboriboon. The sepsis research group is interdepartmental within the medical school with three current research projects, one of which has received NIH funding. Dr. Gaddis provides research methods and statistical support as well as working with the clinical staff to provide oversight to all ongoing research. In addition, with the advent of the Cerner Health Facts Data Set, she has several research projects in progress with other EM faculty.

Dr. Gaddis has taken her expertise of developing research programs to others outside of the university and has been invited to present research workshops for performing research with limited resources at international EM meetings in several countries including Poland, Myanmar, and Mexico to name a few. She has also presented her research at national and international EM meetings.

In addition to the resident research program, Journal Club has also been reconstituted with a new policy and organization due to Dr. Gaddis' efforts. Journal Club now takes an organized and positive approach to reading the medical literature, focusing on a systematic method for article review with articles selected that should impact the practice of medicine. Additionally, a significant method or statistical analysis concept presented in the articles receives focus each month with a short presentation or



Monica Gaddis, PhD

discussion led by Dr. Gaddis. Residents and Faculty are integrally involved in all aspects of Journal Club each month.

Dr. Gaddis is also core faculty in the Department of Biomedical and Health Informatics where she created and serves as the course instructor for graduate level courses including Applied Biostatistics I and Applied Biostatistics II as well as Introduction to SPSS and the department's Interdisciplinary Weekly Conference. She is also the non-clinical faculty instructor for the 3rd year medical student Neuroscience research project. Finally, Dr. Gaddis serves as Chair of the Admissions Committee for the School of Medicine for the DBHI Certificate and Master's Degree programs and is the Co-chair of the DBHI curriculum committee.

EMERGENCY MEDICINE CLERKSHIP

Dr. Camejo has now taken over the clerkship as clerkship director after Dr. Hillman who led an incredible clerkship for the past 6 years. Small modifications have been made to the clerkship. Students will no longer be using iPads but now have laptop computers that they are able to use while in the department. For UMKC students, the curriculum has been transitioned to Canvas, which has replaced Blackboard for all their educational content that is covered in the course. This year, after much contemplation, the EMS ride-a-longs have also been removed from the curriculum. Medical students still have the opportunity to explore

the EMS world, as there is an EMS elective rotation that they can enroll in. For this year, the clerkship hopes to incorporate student documentation into the electronic medical records, but this is a work in progress. We are excited to see what this year holds.

EMERGENCY MEDICINE INTEREST GROUP

Dr. Camejo has also taken over as EMIG advisor after Dr. Hillman led the interested for many years. EMIG will be taking two teams to SimWars. This year it will be held in Springfield, Illinois from September 20-21st. We are currently planning the year and anticipate many exciting lectures and opportunities to interact with other interest groups.

Melanie Camejo, M.D.
Medical Student Clerkship Director



Follow us on Instagram!
@umkc_emig

The UMKC EMS Education program continues to serve the community by providing competent, entry-level Emergency Medical Technician (EMT) and Paramedic candidates to EMS systems in the Kansas City region and beyond. The UMKC Paramedic program was proudly awarded accreditation by the Commission on Accreditation of the Allied Health Professions (CAAHEP) on July 2, 2016.

The Paramedic program is being facilitated by Lead Instructor Bill Gulick. Our EMT program continues to thrive under Lead Instructor Virginia Wilson. Both have experience as EMS Educators and multiple years of varied professional experience. Ms. Wilson is also in charge of clinical coordination.

In June, Instructors and students from the Paramedic program again traveled to Hutchinson, Kansas to take part in the Hutchinson Community College Paramedic Field Operations. This two-day event puts paramedic students from multiple programs together in teams to respond to simulated calls and multiple victim incidents.

The EMS Education program continues to work with our clinical partners including Truman Medical Centers, Research Medical Center, Liberty Hospital, and field agencies American Medical Response, Excelsior Springs Fire Department, Grandview Fire Department, Pleasant Hill Fire Protection District, and Riverside Fire Department to provide valuable practical experience to our EMT and Paramedic students. The education provided by these affiliates and their staff is essential to the successful outcomes for our students and greatly appreciated. In 2017, we displayed our simulation and training ambulance at the Missouri EMS Expo in Branson where Dr. Carney has annually participated in the “EMS Physicians Lightening Rounds.”

Paul Ganss, MS, NRP, NCEE
EMS Education Program Director

Erica Carney, M.D.
Medical Director



Good times with the Blue Angels!



More EMS Good Times!

ALUMNI UPDATES

Mark Holcomb (1978) reports “Same wife. Same home. Same group. Same friends. Good to be stuck in a groove.”

William Anderson (1980) retired from emergency medicine, but he continues to give back to the community as the volunteer woodshop director for a program helping troubled youth in Lawrence, Kansas.

John Hansen (1996) and his wife Janet became grandparents for the first time on July 7th with the arrival of Carter Joel Jensen.

Gina Ressler (1997) opened Signature Skin Care in August 2001. She opened her second practice, Advanced Ketamine Services in August 2019. She reports, “I’ve already treated my first patient for Treatment Resistant Depression. However, I am officially opening that corporation this next month. I very much wanted to return to my Emergency Medicine career path, but my stroke has prevented me from doing so. I think I’ll be happy treating patients for Treatment Resistant Depression, PTSD, Chronic Pain and Generalized Anxiety Disorder—where I can truly make a positive change in their life.”

Armand Sprechter (1997) continues to work at Médecins Sans Frontières Headquarters (since 2004). He reports that if any residents (or graduates) are interested in pursuing humanitarian medical work (e.g. MSF, IMC, etc.) or working with the Epidemic Intelligence Service (CDC), He would be happy to share my experiences.

Mark Vaughan (1999) co-started the primary care group: Auburn Medical Group in 2005. The Auburn Medical Group YouTube channel has 160,000 subscribers with over 100M views.

Darren Alexander (2000) loves outdoor life in the Pacific NW. All is well with his wife Meghan and three boys Henry, Roland, and Gus (14, 11, and 7).

Daphne Fullerton (2004) reports that after doing Physician Informatics for three years with Baylor, she became the ED Physician Informatics Domain Leader for BSWH-NTX in 2013. In 2018, she became an Epic Certified Physician Builder. She reports “I’m helping oversee the ED migration of the ten hospitals in my region to Epic this year. #doctornerd” She also shares this interesting piece of Truman history: “When I was at Truman, I helped make a web page for the residency. That was back in 2001, when there was neither Facebook nor twitter. Dial up was the only option.”

Robert Lam (2004) recently started as Director of Physician Wellness for UC Health Memorial Hospital; it has allowed him to continue to work on his passion for advocating for physician well-being. He continues to work clinically and teach medical students as part of the CU School of Medicine.

Katie Peraud (2008) and Dominic have three boys—Joey, Teddy, and Peter. She has been with her ER group for 10 years and serves as their sexual assault director.

Brad Kruse (2008) reports that he is an attending physician with Kansas

Emergency Physicians (AdventHealth)

Aaron Barksdale (2008) reports that he is an Associate Professor and Vice Chair of Research at Nebraska.

Matt Sinnwell (2011) reports: “[I am] married to Jennifer Callison, D.O (Family Medicine). We have a lovely little almost three year-old daughter. Since residency, I have become involved in administrative roles and advocacy. I have become the medical director of 2 Emergency Departments and am currently serving as the Kansas ACEP President advocating for our specialty.”

Hoda Tavalali (2011) has recently participated in medical mission trips to Costa Rica and Panama.



Beau Butherus (2014) joined Missouri Task Force-1, a national FEMA Search and Rescue team this year.

Bob Edmonds (2016) became medical director of his ER after returning from a deployment to Afghanistan with the Air Force.

Blake Buchanan (2017) was promoted to Political Advocacy Director of

Florida for US Acute Care Solutions

Paul Williams (2017) married Kate!

Lindsay Schwartz (2017) had a baby boy, Edwin Gerald, born in June.



Bryon Vogt (2018) became engaged shortly after residency last year and is getting married this coming January.

ACCOLADES:

A special thanks to Dr. Bob Edmonds for his guest lecture on Evidence-Based Resuscitation and to Dr. Brandon Elder for his Wilderness Medicine talk at our annual Winter Wellness Retreat. Thank you, Dr. Tom Millard, Dr. Anne Jacobsen, Dr. Brian Freeman, and Dr. Matt Lockwood for their participation in our annual community EM panel, your advice was invaluable. Dr. Doug Coe, Dr. Ralph Schutz, Dr. Tim Stebbins, Dr. Kathryn Miner. Dr. Andrew Russell, Dr. Brian Freeman, Dr. David Biller, Dr. Lindsay Schwartz, and Dr. Jeff Hackman thank you for participating in our annual mock oral boards.

RESEARCH UPDATE:

2018-2019 was a very productive year for faculty and resident research. The faculty and residents had multiple publications, abstracts, and presentations over the course of the year. We have many ongoing projects in the areas of infectious disease, clinical operations, EMS, and resident/medical student education, several of which are grant funded. Please see the full list of studies for further details.

Due to our department's ongoing involvement with EMERGENCY ID Net: An emergency department-based emerging infections sentinel network, we have had the opportunity to work on several large multi-center grant funded trials in the past few years. Our past participation in a large multi-center trial, Strategies using Off-patent antibiotics for methicillin resistant staphylococcus aureus ("STOP-MRSA"), led to multiple publications for Dr. Mark Steele and the team. The sentinel publication in the *New England Journal of Medicine* in 2016 was recently named as one of 50 landmark papers every acute care surgeon should know. Multiple faculty had publications and national/international presentations including Drs. Carney, Gaddis, Hillman, Inboriboon, and Sullivan.

Our residents continue to do a scholarly project and our graduating PGY-3 residents recently presented their projects on Senior Research Day. As always, they did an outstanding job. Dr. Liliya Kravynov was awarded the Elenbaas Award for the most exceptional presentation on "Use of C-Collars in Trauma Patients and Associated Outcomes." Our PGY-1 class also develops a case report for presentation at an annual "Case Report Day" that began in the 2014-2015 academic year. Dr Karl Hesson was awarded the 2019 Gaddis Case Report Award 2019 for his excellent presentation on "Strongyloides Pneumonia". Multiple residents have presented abstracts both regionally and nationally in the past few years and we look forward to ongoing success.



CURRENT GRANTS

An Interprofessional Approach to Enhanced Provider-Patient Relationships as the Cornerstone of Patient Centered Care. 1/16-1/18 funded by Funded in part by the Robert Wood Johnson Foundation, the John A. Harford Foundation, the Josiah Macy Jr. Foundation, the Gordon and Betty Moore Foundation and the University of Minnesota. \$2,000. Ellison, Stefanie, et al, 2016-present. Paul Ambrose Scholarship in Interprofessional Education for Robert Weidling. \$3500, Faculty Sponsor Ellison, Stefanie, 2017-present.

Ribonuclease-mediated control of sepsis-induced systemic inflammation R15 (300K over 3 years) PI- Mingui Fu, PI for clinical arm of study, Pholaphat C. Inboriboon. Awarded 01/08/2019.

Post Resuscitation Debriefing Toolkit (Awarded ACEP Section Grant for QIPS and Peds Section). PI Inboriboon, Charlie, Jain S. \$5820, 2019.

Screening, brief intervention, and referral to treatment for alcohol/drug use (SBIRT). SAMHSA-funded grant awarded to multiple departments at UMKC-SOM including Emergency Medicine Residency. Stubbs, A., Co-Site investigator. Total award: \$859,979 over three years. 2016-present.

Continuation of an "Emergency Department Emerging Infections Sentinel Network" Center for Disease Control and Prevention and the Olive View – UCLA Medical Center, \$7000. FY 2018 projected. Mark T. Steele, M.D., principal site investigator, Amy Stubbs, M.D., co-site investigator, 2018/2019.

A pragmatic trial designed to evaluate a new critical pathway for treatment of patients with acute bacterial skin and skin structure infections. \$83,421. Sponsor: Allergan. Mark T. Steele, M.D., principal site investigator, Amy Stubbs, M.D., co-site investigator, 2018/2019.

Clinical Evaluation of the Film Array GI Panel for use with Rectal Swabs. BioFire Diagnostics. Projected \$19,586. Mark T. Steele, M.D., principal site investigator, 2019.

Alinity I STAT hsTnI Design Validation. Abbott Laboratories. Projected \$346,810. Mark T. Steele, M.D., principal site investigator, 2019.

Specimen Collection and Transport Workflow Evaluations for CLIA-waived Molecular Testing. Received to date: \$111,627 .Sponsor: BioFire Diagnostics. Mark T. Steele, M.D., principal site investigator, Amy Stubbs, M.D., co-site investigator, 2019.

PEER REVIEWED PUBLIS:W

Stobart-Gallagher, M., Smith, L., Giordano, J., Jarou, Z., Lutfy-Clayton, L., Hillman, E. Recommendations from the Council of Emergency Medicine Residency Directors: Osteopathic Applicants. *Western Journal of Emergency Medicine: Integrating Emergency Care with Population Health*. [Internet]. 2019 [cited Jan 2019]; 20(1):111-116

Karr, E., Smith, L., Jarou, Z., Lutfy-Clayton, L., Hillman, E., Kellogg, A., Stobart-Gallagher, M., Pelletier-Bui A. The CORD Student Advising Task Force (SATF) Osteopathic Emergency Medicine Applying Guide [abstract]. *Western Journal of Emergency Medicine, Council of Residency Directors in Emergency Medicine Abstracts Special Issue*. 2018 Aug; 19.

Harris, K., Smith, L., Pelletier-Bui A., Hillman, E., Kelly, S., Hess, J., Kellogg, A. Red-Flags are Waving: Recommendations for the Emergency Medicine Applicant At-Risk of Not Matching- on behalf of the CORD Student Advising Task Force [abstract]. *Western Journal of Emergency Medicine, Council of Residency Directors in Emergency Medicine Abstracts Special Issue*. 2018 Aug; 19.

Edens, M., Druck, J., Kellogg, A., Hillman, E., Desai, S., Kukulski, P.,

Pelletier-Bui A. The CORD Student Advising Task Force (SATF) Emergency Medicine Re-Applicant Residency Guide: Helping Applicants on the Second Go Around [abstract]. *Western Journal of Emergency Medicine, Council of Residency Directors in Emergency Medicine Abstracts Special Issue*. 2018 Aug; 19.

Miller MK, Mollen C, Behr K, Dowd MD, Miller E, Satterwhite CL, Stancil S, Allen N, Michael J, Inboriboon PC, Park A. Development of a novel computerized clinical decision support system to improve adolescent sexual health care provision. *Academic Emergency Medicine*. 2019 Apr; 26(4):420-33.

Keeven N, Inboriboon PC. A Case of Splenic Laceration Presenting as a Delayed Complication of Colonoscopy. *The Journal of Emergency Medicine*. 2019 Feb 28.

Vanichkulbodee A, Issaragrisil S, Inboriboon PC. Massage-induced spinal epidural hematoma presenting with delayed paraplegia. *The American Journal of Emergency Medicine*. 2019 Jan 15.

Dugas AF, Hsieh YH, Lovecchio F, Moran GH, Steele MT, Talan DA, Rothman RE for the EMERGENCY IDNET Study Group (Mark T. Steele, M.D., principal site investigator). Derivation and Validation of a Clinical

Decision Guideline for Influenza Testing in Four U.S. Emergency Departments. *Clin Infect Dis* March 2019.

Named one of 50 landmark papers every acute care surgeon should know: Trimethoprim-Sulfamethoxazole versus Placebo for Uncomplicated Skin Abscess. *Talan DA, Mower WR, Krishnadasan A et al. N Engl J Med* 2016; 374:823-832. Steele, M., 2019

BOOKS

Jarou, Z., Hillman, E., Kellogg, A., Lutfy-Clayton, L., Pelletier-Bui, A., Shandro, J. *EMRA and CORD Student Advising Guide: An Evidence-Based Approach to Matching in EM.* Irving, TX: Emergency Medicine Residents' Association; 2019.

BOOK CHAPTERS:

Camejo Melanie, Wittie Meredith, Fuchs Daniel. *Choosing Emergency Medicine.* EMRA and CORD Student Advising Guide, Emergency Medicine Residents' Association, 2019, Chapter 1.

Gaddis M and Grimstad F: *Emergency Care of the Transgender Patient in: Tintinnali's Emergency Medicine: A Comprehensive Study Guide.* 9th Ed. McGraw Hill Edited by Cline, David. September 2019.

Inboriboon, PC, Buchanan, CB. *Video-Assisted Orotracheal Intubation Devices.* In *Emergency Medicine Procedures*, pp. 147-162 2018. McGraw Hill, 3rd Ed. Reichman, Eric.

Inboriboon, PC. Willet KG. *Methylene Blue Joint Injections.* In *Emergency Medicine Procedures*, pp. 842-847 2018. McGraw Hill, 3rd Ed. Reichman, Eric.

O'Rourke, Kevin (2018) *Phimosis Reduction.* In E Reichman (Ed.), *Reichman's Emergency Medicine Procedures* (3rd ed., pp. 1506-10). New York, NY: McGraw-Hill Education.

O'Rourke, Kevin (2018) *Plantar Wart Management.* In E Reichman (Ed.), *Reichman's Emergency Medicine Procedures* (3rd ed., pp. 1764-9). New York, NY: McGraw-Hill Education.

WEBSITE:

Smith MD, L., Ren MD, R., Camejo MD, M., Schrepel, C. and Pelletier-Bui MD, A. (2018). *The Underrepresented Applicant Emergency Medicine Applying Guide.* [online] *The Vocal CORD.* Available at: <https://cordemblog.wordpress.com/2018/12/06/the-underrepresented-applicant-emergency-medicine-applying-guide/>

Ellison SR, Hoey J, Melkersman E. "The Missouri Community Action Poverty Simulation, Best Practices" Webinar, 6/26/19.

Hillman, E., Pelletier-Bui, A. *Episode 56 EMRA and CORD Student Advising Guide [Podcast on the Internet].* *EM Stud Podcast.* [2019 May 6]-[cited 2019 May 26].

Inboriboon PC, Apibunyopas Y. *Fournier's Gangrene.* 5 Minute Consults Online published 6/2019. Lipincott, Williams, and Wilkins.

MCNABNEY LECTURESHIP 2019 - AMAL MATTU, M.D.

On May 9, 2019, Amal Mattu, M.D. presented the 14th Annual McNabney Lectureship. The Lectureship is a "Dean's Endowed Lecture" honoring W. Kendall McNabney, M.D. the first Chair of Emergency Medicine at UMKC School of Medicine from 1970 – 1986. Amongst many other accomplishments, he founded the Emergency Medicine Residency Program here in 1973, one of the first in the Country!

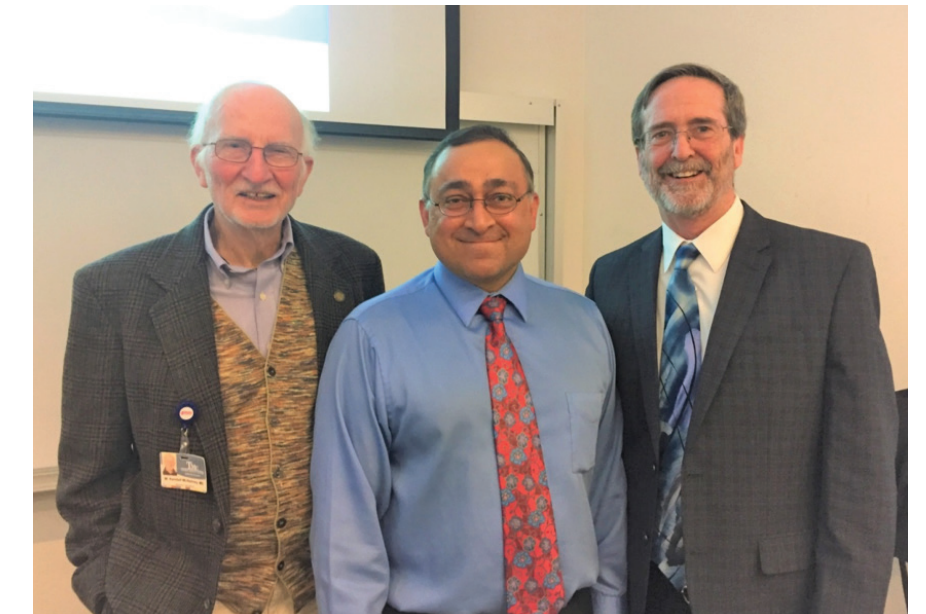
Dr. Mattu is a nationally and internationally known speaker and educator. He graduated from the University of Maryland School of Medicine in 1993 and from the Thomas Jefferson University Hospital Emergency Medicine Residency Program in 1996. He completed an ACEP and EM Foundation Teaching Fellowship in 1997. Honors and awards include: Founder and Co-director of the Emergency Cardiology Fellowship Program at the U of Maryland; Emergency Medicine Residency Program Director of the Year, awarded by EMRA in 2011; Recipient of the Peter Rosen Award from AAEM in 2013 and a winner of the 2000 National Faculty Teaching Award from ACEP.

Dr. Mattu has produced multiple peer-reviewed articles, edited a number of books, and multiple book chapters, delivered an innumerable number of Keynote Speeches and Memorial Lectures and is very present on social media educating physicians in a variety of fora.

In the morning, Dr. Mattu helped judge the Emergency Medicine Annual Research Day presentations and also lectured on the appropriate evaluation of the chest pain patient using the "HEART Score." In the afternoon, he delivered the McNabney Lectureship itself entitled: "Everyday Leadership: Secrets of Great Minds Through the Ages." It was literally standing room only for the talk and everyone present enjoyed it.



Amal Mattu, M.D., Senior Residents and Faculty



W. Kendall McNabney, M.D., Amal Mattu, M.D., Matt Gratton, M.D.

The UMKC logo is positioned on the left side of the image, partially overlapping a large white cross graphic. It consists of the letters 'UMKC' in a serif font, with a stylized flame or wing-like element above the 'M'.

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