

Abercrombie & Fitch Emergency Department

Emergency 

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THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER

Department of Emergency Medicine

Annual Report 2020



THE OHIO STATE
UNIVERSITY

WEXNER MEDICAL CENTER

FROM OUR CHAIR



Welcome to this celebration of the success of The Ohio State University Wexner Medical Center Department of Emergency Medicine in 2020. Mark Angelos, MD, retired as the third chair of our department in January 2020. We owe him a tremendous amount of thanks and gratitude for his service and years as chair, but also for his 29 years of service to the department and the university. Congratulations, Mark, and happy retirement!

As I assume the role of chair, I'm particularly grateful for the accomplishments and skill of our faculty, emergency medicine and emergency medicine/internal medicine residents, fellows and advanced practice providers. Last year, we provided care to 128,782 patients who visited our two emergency departments and two after-hours clinics. There

have been a number of innovative clinical accomplishments, including the expansion of our MAT program for opioid-dependent patients, as well as new video visits for our after-hours clinics.

We continue to grow with now 60 emergency medicine faculty. This past year, we added faculty members who had completed their fellowships in ultrasound, education and research. We have national experts across the mission areas contributing to the development of new knowledge, educating the next generation of emergency physicians and delivering cutting-edge emergency care.

In research, we've increased our NIH funding and are now 14th in the country, with over \$1.4 million in funded research. We have five faculty principal investigators on federally funded projects. In education, we recruited seven fellows (two ultrasound, two EMS, one medical education, one administration and one research), as well as 19 emergency medicine residents, including two EM military and two EM/IM residents.

Department physicians led the way in many aspects of the medical center and university's disaster response to the COVID-19 pandemic. Dan Bachmann, MD, set up central Ohio's first and most productive swab station. Nick Kman, MD, and others created an online curriculum for medical students, and our clinical leadership, including Eric Adkins, MD, Michael Dick, MD, and Mark Conroy, MD, adapted our clinical operations in an ever-changing environment. The entire physician and APP group worked collaboratively with our nurses, pharmacists and support staff to see us through the worst of COVID-19.

As we enter the next year, we'll continue to face challenges, including the ongoing COVID-19 pandemic, and the need to focus on identifying and attacking racism and social justice issues in our communities, workplace and our own lives. The university and the The Ohio State University College of Medicine have developed comprehensive initiatives, and the department will be a leader in this area. To start, we've formed a diversity and inclusion committee, and have announced a national search for a vice chair of Diversity and Inclusion.

Despite the challenges of the past year and going forward, Ohio State's Department of Emergency Medicine continues to produce exceptional research, educational initiatives and clinical care. We look forward to continuing our successes in the coming year.

Jeffrey Caterino, MD, MPH
Professor and Chair
Department of Emergency Medicine



MISSION STATEMENT

TO PROVIDE

innovative, efficient, safe and compassionate patient care to patients presenting to The Ohio State University Wexner Medical Center's Emergency Departments and AfterHours clinics.

TO BE A LEADER

in the education of medical students, residents and fellows in emergency medical care.

TO PERFORM

cutting-edge research and scholarly investigation to identify the causes, treatments and prevention of emergency medical conditions.

TO PROMOTE

transforming emergency medicine through innovation, faculty development and excellence.

VISION STATEMENT

Transforming emergency medicine through innovation.

BEHAVIORS OF A COHESIVE TEAM [TO CARE]

TRUST

Trust is the confidence among team members that their peers' intentions are good, and there is no reason to be protective or careful around the group.

COMMIT

The ability to engage in conflict and provide input enables team members to buy in or commit to decisions.

ACCOUNTABLE

After commitment is established, team members must be willing to hold one another accountable for their behaviors and remind each other when actions are counterproductive to the team.

RESULTS

Collective team results must supersede personal objectives or pursuits.

ENGAGE

When trust is present, teams are able to engage in unfiltered ideological debate around ideas, issues and the decisions that must be made.

OHIO STATE EMERGENCY MEDICINE BY THE NUMBERS

Research Funding:

NIH funding: \$1,441,679

Grant funding: \$2,222,690

Research grants submitted: \$5.5 million

Blue Ridge Institute National Ranking for NIH Funding: **14th**

Emergency Medicine Clinical Operations:

Total Patient Visits: **134,531**

University Hospital patient ED visits: 76,224

East Hospital patient ED visits: 45,691

AfterHours Martha Morehouse Outpatient Care: 7,838

Outpatient Care Gahanna: 4,280

Hyperbaric sessions: 498

ED Admissions:

34,366

University Hospital: 27,152

East Hospital: 7,214

Emergency Medicine Team:

Faculty: 63

Faculty new hires: 2

Fellow new hires: 4

Residents: 60

Advance practice providers: 24

Scholarship:

Peer-Reviewed Publications:

67

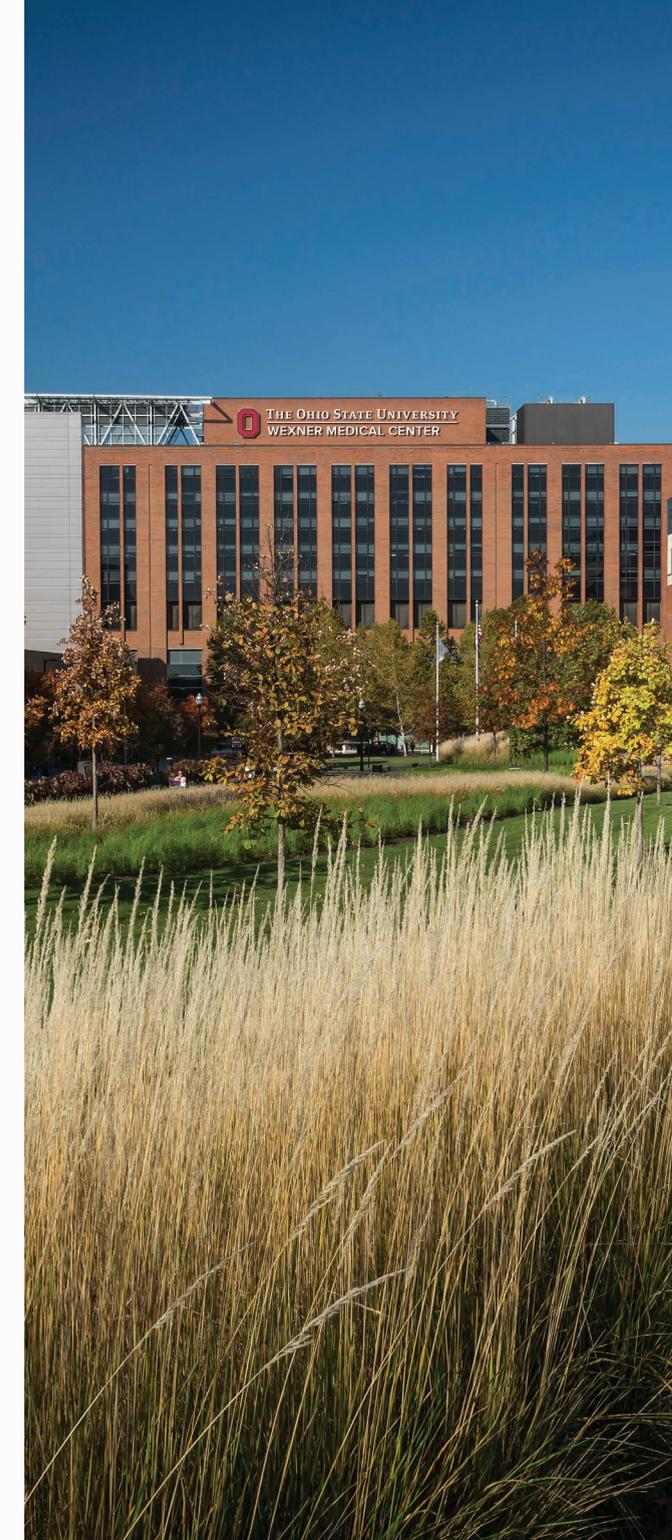
Non-peer-reviewed: 20

Book chapters: 55

Case reports: 4

National presentations: 93

Regional presentations: 50



CLINICAL MISSION HIGHLIGHTS



Over the past year, the EDs were on pace to see continued clinical growth. The emergence of the COVID-19 pandemic has had an unprecedented impact on emergency departments across the country, resulting in significant declines in patient volumes, but a

significant increase in the complexity and acuity of patients seeking emergency care. The emergency departments and faculty have served an essential role in continuing to answer the call to care for any patient, anytime, anywhere in the form of surge tent preparation, telehealth visits and ongoing ED visits as the patients began to return to the EDs coming out of quarantine. Our group has been working on a number of clinical projects to improve the care for patients in our emergency departments and AfterHours care sites. Below is a list of significant projects and accomplishments. We look forward to continued improvements and ongoing innovation for the care of our patients and support of the clinical team members.

COVID-19 Response

The ED physicians and nursing staff at University Hospital and East Hospital contributed to the regional response for swabbing tent stations and surge planning. The combined efforts allowed The Ohio State University Wexner Medical Center to support the people of central Ohio and ensure that well-designed surge plan was in place for ED volumes.

AfterHours Clinics

Providers are participating in video visits to improve access for patients needing urgent care services. They've also developed a system to provide urgent care and follow-up services for COVID-19-positive patients to minimize exposures to other ambulatory clinics.

University Hospital ED

The GE AirStrip technology for digital signing of EKGs is being rolled out. The Ohio State Wexner Medical Center is the first ED in the country to implement the AirStrip app for real-time EKG review. An updated Arrival Zone evaluation process to improve efficiency of care is slated to be rolled out in the new academic year.

Oncology ED

As part of the Centers for Medicare and Medicaid Services (CMS) conditions of participation, there's a new workflow that guides staff through the ED evaluation and transfer admission to The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute.

East Hospital ED

The Ohio State East Hospital ED was recognized as a Lantern Award winner by the Emergency Nurses Association. This award is given to less than 1% of EDs in the country, and it recognizes exceptional practice and innovative performance in the core areas of leadership, practice, education, advocacy and research. The East ED also achieved Level 3 trauma certification, with plans to apply for Level 2 certification.

Medical Assisted Treatment Program (MAT)

The MAT program at both EDs to address opiate addiction and increased ED naloxone distribution is active in addressing the opiate abuse epidemic.

Care Innovation and Community Improvement Program (CICIP)

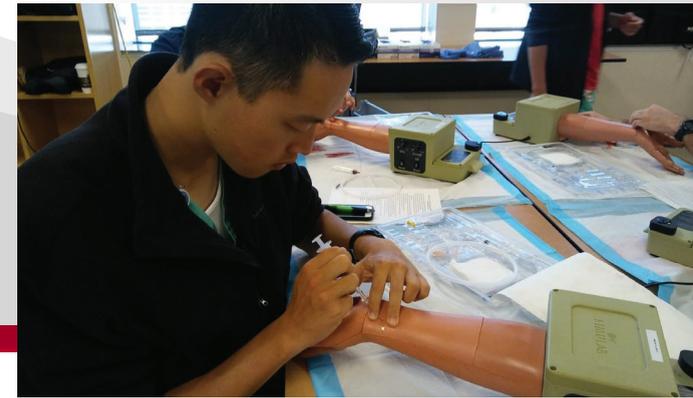
The EDs have been actively involved in working with other regional EDs to share best practices. Ohio State Wexner Medical Center EDs have been recognized for their focus on improvements in ED high-utilizer programs.



EDUCATION MISSION

This year, we continue to move forward in a number of areas. Our wellness curriculum continues, with new wellness family assignments underway and a robust list of activities led by one of our assistant program directors, Simiao Li-Sauerwine, MD, and funded in part from our Samuel J. Kiehl Endowed Chair in Emergency Medicine. Daniel Bachmann, MD, and Nicholas Kman, MD, led two virtual medical school classes in a course titled "Pandemic and Disaster Medicine and COVID-19; Response From the Bedside to the Federal Level." Three of our former chief residents, Katie Buck, MD, Carolyn Martinez, MD, and Krystin Miller, MD, rolled out a yearlong journal club curriculum that was highly successful, and the second year is underway.

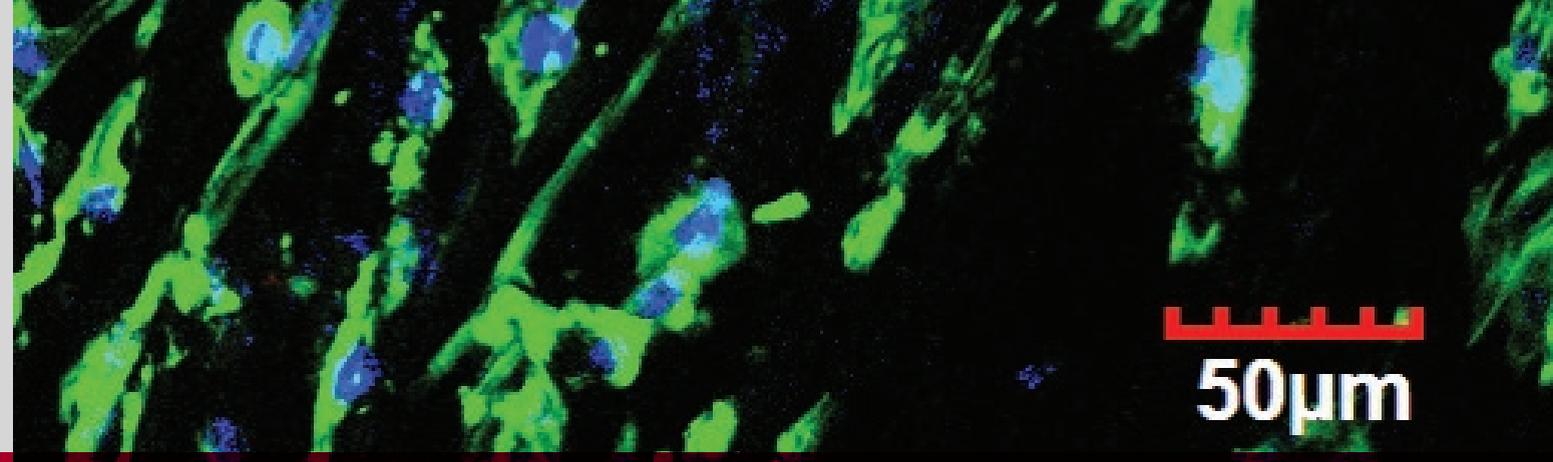
This year, our residency programs not only matched excellent classes from all over the country, we also accepted a candidate from the military match and two transfers from another EM residency program that closed (total current FY 2021 residents — 63) for the largest total number of residents ever. We also welcomed a record seven fellows into our department's fellowship programs, including two in EMS, two in ultrasound and one in medical education, administration and research for the coming fiscal year. Since the COVID-19 pandemic began, our didactic transition from in-person lectures and small groups to totally virtual has been flawless and excellent.



EDUCATION PROGRAM HIGHLIGHTS

- For the second time in three years, four female residents were elected to serve as EM chief residents for 2020 – 2021: Kimberly Bambach, MD, Natalie Elder, MD, Jacqueline Furbacher, MD, and Kelli Robinson, MD. Divyesh Mehta, MD, and Paul DeJulio, MD, are the chiefs of the EM/IM program.
- The emergency medicine residency was ranked #29 in the country by [Doximity](#).
- Jennifer Yee, DO, developed a procedure mastery curriculum for incoming first-year residents.
- A record number (9/16) of EM residency 2020 graduates plot a course for academic medicine:
 - Aubri Charnigo, MD—Disaster Medicine Fellowship
 - Alan Chu, MD—Administration Fellowship
 - Natalie Ferretti, MD—EMS Fellowship
 - Christine Luo, MD—Medical Education Fellowship
 - Ryan McGrath, MD—Sports Medicine Fellowship
 - Milap Mehta, MD—Administration Fellowship
 - Michelle Nassal, MD, PhD—Research Fellowship
 - Bridget Onders, MD—Doctors Medical Center Attending
 - Travis Sharkey-Toppen, MD—EMS Fellowship
- All three EM/IM graduates matched into pulmonary critical care at Ohio State: Matthew Huang, MD, Patrick Sylvester, MD, and Caleb Taylor, MD. Of our four fellows from 2019 – 2020 (EMS, research, ultrasound and medical education), three stayed at Ohio State as academic faculty members.
- Kimberly Bambach, MD, won a national Society for Academic Emergency Medicine (SAEM) award for her video presentation, “What makes academic emergency medicine the best field of medicine to practice in?”





RESEARCH MISSION HIGHLIGHTS

Clinical Research Mission

NIH-Funded Research

The EM research group continued its success, being listed #14 nationally for National Institutes of Health (NIH) funding among all departments of emergency medicine, with \$1.4 million in NIH funding. Six faculty are principal investigators or site PIs on NIH-funded research. Scholarly output kept pace with past years, with increasing publications in high-impact journals.

Leadership Announcement

Lauren Southerland, MD, was appointed director of Clinical Research. In this role, she'll have oversight of all clinical studies within the department.

New Grants Awarded

Nick Kman, MD, Jillian McGrath, MD, and Ashish Panchal, MD, are participating in an Agency for Health Research and Quality (AHRQ) study using virtual reality to train emergency personnel in mass casualty incidents. Emily Kauffman, DO, received a \$500,000 grant from the Franklin County Department of Public Health to expand our ED coordinated care program for opiate addiction.

COVID-19-Related Studies

Lauren Southerland, MD, with the assistance of research managers Jennifer Frey, PhD, and Michael Hill, RN, initiated several studies in response to the COVID-19 pandemic. These include RCTs of prophylactic therapy for health care workers (HEROES) and of convalescent plasma for high-risk COVID-19 patients well enough to be discharged from the ED (C3PO).

Ongoing NIH Studies

Federally funded clinical studies are ongoing in the areas of sepsis/ARDS, geriatric UTIs, geriatric observation care, TBI and diagnosis of pneumonia in older adults.

17th Annual Department Spring Research Day

On April 24, 2020, the Lashutka Emergency Medicine Endowed Lectureship was delivered by Elizabeth Goldberg, MD, from Brown University. She is an NIH-funded investigator and national expert on care coordination for fall prevention in older adults.

New Researcher

Katie Buck, MD, is joining the department as faculty after completing her residency and research fellowship at Ohio State. She's currently the recipient of an NIH R03 GEMSSTAR award to study improving pneumonia diagnosis in older adults.

New Researcher

Venkata Srikanth Garikipati, PhD, has joined our basic science research faculty from Temple University. He's funded by the American Heart Association (AHA) to study the role of a novel class of RNAs (circular RNAs) in cardiovascular disease.

New Research Fellow

Michelle Nassal, MD, PhD, will stay on after her Ohio State residency as a research fellow. She was chief resident, received her PhD in cardiovascular physiology from Case Western Reserve University and will be conducting translational research in resuscitation science.

Research Laboratory Mission

Our current research focuses on establishing the role of stem cells and/or evaluating cell-free products such as extracellular vesicles in cardiac repair for acute myocardial infarction (MI). We're currently studying the role of intramyocardial delivery of stem cells or biomimetic nanofiber cardiac scaffolds to repair the damaged heart. Jointly, we're also working on the reprogramming of stem cells (hiPSCs) into cardiac and endothelial lineage to repair and regenerate the failing heart muscle. Another interesting new research focus area is to evaluate the role of non-coding RNAs (both small and long) in the myocardial infarction mouse model. The next step is to translate the findings from our small animal MI model into a pre-clinical large-animal MI model, which could be utilized for clinical translation in the near future.



FACULTY DEVELOPMENT AND PROMOTION HIGHLIGHTS

Faculty development and promotion in the Department of Emergency Medicine is crucial for the success of our patient care mission, and for the success of The Ohio State University as a greater community. Our overarching goal in this realm is to shine a light on the amazing amount and quality of research, education, innovative patient care initiatives and program development. This is accomplished through a multitiered approach within the department and focused on individual successes snowballing into greater recognition of the department, both nationally and internationally. Our standing within the medical center, the College of Medicine and the university is strong and getting stronger each year.

Department of Emergency Medicine Mentorship Program

Faculty are actively involved with mentorship and sponsorship within our department and beyond to the medical community at Ohio State. The mentorship pairing allows early career development of specific areas of emergency medicine content expertise, but also aids in developing educational pedagogy, research methodology and clinical excellence standards.

Appointment, Promotion and Tenure Moving Toward Rewarding Academic Productivity in Multiple Forms

2020 saw the beginning of a revision process for the promotion and tenure guidelines for our department. The academic productivity measuring stick is changing in the world of social media, blog posts, webcasts and overall virtual connectivity. The department has incredibly productive faculty in its ranks whose work hasn't been easily translated into traditional media for distribution. A revision of the promotion and tenure guidelines hopes to recognize this work as well as many other forms of contribution to the College of Medicine and the university.

Faculty Promotions

During the 2020 academic year, three faculty were promoted:

Colin Kaide, MD, promotion to professor, clinician-educator pathway
Ashish Panchal, MD, PhD, promotion to professor, clinician-educator pathway
Mahmood Khan, MPharm, PhD, tenure granted at his established associate professor level

Invited Guest Speakers

Emergency Medical Services—Bill Krebs, DO
Disparities of Care in Low-Resource Settings (Global Health Panel)—Hovaire Nsabimana, MD, Rwanda; Mutai Joseph, MSN, Kenya; Kahato Neimiah, MHA, Kenya; Maranatha Persad, MD, Guyana; Sara Singh, MD, Guyana
Social Media—Dave Stukus, MD
Fatigue Mitigation—Asim Roy, MD
Pregnancy Emergencies—Ashley Heaney, MD

Visiting Professor Lecture Series:



“Keeping Health Care Human in the Wake of a Mass Shooting”

Katherine Hiller, MD, MPH

Professor
Department of Emergency Medicine
University of Arizona
College of Medicine



“The Rebirth of the Cool: Influence of Cooling Duration on Efficacy in Cardiac Arrest Patients (ICECAP)—A Bayesian Adaptive Clinical Trial of Therapeutic Hypothermia”

William Meurer, MD

Associate Professor of Emergency Medicine
Associate Professor of Neurology
University of Michigan



“A Team Approach to Safe Discharge and Fall Prevention for Older Emergency Department Patients”

Elizabeth Goldberg, MD

Associate Professor
Emergency Medicine and Health Services, Policy and Practice
Brown University



ULTRASOUND DIVISION MISSION HIGHLIGHTS

The Ohio State University Ultrasound Division within the Department of Emergency Medicine has had a productive academic year. As a growing faculty, it continues to strive for the cutting edge of ultrasound technology. The division was made up of eight core faculty during 2019 – 2020, with one fellow, Carolyn Martinez, MD, joining the US Division upon graduation. The US fellowship director is Creagh Boulger, MD, a former chief resident and graduate of the Department of Emergency Medicine. The research director of the US Division is Michael Prats, MD, a former medical student and fellow graduate of Ohio State. Lauren Branditz, MD, a former medical school and ultrasound fellow graduate leads our ultrasound educational efforts. Irene Mynatt, DO, is an ultrasound fellow graduate who leads the emergency medicine intern orientation and mentorship. Jess Everett, MD, Ohio State US fellowship graduate, is focused on medical education and helps lead the honors ultrasound advanced course for fourth-year medical students. Delia Gold, MD, is the pediatric ultrasound expert who is a leader in the Ground School (Med 3s) and pediatric emergency medicine curriculum. Daralee Hughes, MD, is a former Ohio State medical school and emergency medicine residency graduate. She published a paper this year titled “Billing I AIM” on the details of successful ultrasound imaging billing.

The US Division was active with publications, book chapters, presentations at a national meeting and with international engagement. The division had over eight publications this past year, including in *Chest*, *Journal of Ultrasound in Medicine* and in specialty journals. Division faculty participated in multiple book chapters, including on The Science of Image Generation and Gynecologic Ultrasound for the premier textbook “Emergency Ultrasound” 3rd edition. The division was well represented at the World Congress of Ultrasound in Medical Education – WCUME, held at UC Irvine in

Orange County, California, in September 2019. Multiple students and residents presented ultrasound research, while Creagh Boulger, MD, and David Bahner, MD, gave a keynote presentation on financing of ultrasound in medical education. The US Division has multiple achievements this past year, including:

- Under the leadership of Dr. Boulger, the US Division entered into a memo of understanding with the Department of Family and Community Medicine to provide ultrasound training and development of a primary care ultrasound fellowship.
- The I POCUS, or Institutional Point of Care Ultrasound committee, is led by Dr. Boulger, and is charged with implementing ultrasound best practice across the institution. This committee agreed on and implemented hospitalwide POCUS orders and developed handheld and disinfection policies at the institutional level. The I POCUS committee is working on revising credentialing documents for those scans performed by various providers across departments and service areas within the medical center.
- The GEL Podcast continues to grow across many countries and listeners. This review of the literature—Getting Evidence From the Literature—was the brainchild of Mike Prats, MD. With the help of Dr. Boulger, Jacob Avila, MD, and others, Dr. Prats has won acclaim and respect with his insightful teaching points and discussion with experts/guests to his award-winning podcast heard around the world. The podcast is coming up on its 100th episode and challenges listeners to dream

what ultrasound research will look like in the future.

- The US Division participated in the upgrade of the Q Path ultrasound documentation software to QPATH E, and brought four more units within the medical center on board with this documentation and image software solution.
- Lauren Branditz, MD, delivered a grand round presentation for the Mount Carmel Department of Internal Medicine in Grove City in November 2019.
- The division had five fellow candidates and matched two fellows for the 2020 – 2021.
- Faculty in the US Division are working on national planning committees for Sonogames (SAEM) and Sonoslam (AIUM) national ultrasound competitions.
- The US Division participated in all four years of medical student ultrasound training as well as training house staff and SICU fellows this past calendar year.

The Ultrasound Division continues to produce scholarship in medical education and case reports on how best to use ultrasound in the clinical setting. It continues to work with industry and administration to provide best clinical practice for our Emergency Department and medical center patients. Our research director, Mike Prats, MD, continues to work with our Ultrasound Research Interest Group to improve our research publication efficiency. Altogether, the Ultrasound Division continues to contribute to the Emergency Department mission, the medical center and the university with our clinical, academic and service roles.

DIVERSITY AND INCLUSION INITIATIVE LAUNCHES

The Ohio State University College of Medicine received the **2019 Health Professions Higher Education Excellence in Diversity (HEED) Award**.

University and College Initiatives

The recent events in our society and community have made it clear that we need to focus on issues of racism, diversity and inclusion as a department, college and university. In response to recent events, The Ohio State University has created a task force to examine issues related to racism and racial disparities on campus and in the community. There will be seed funding for research in this area. Subsequently, the Wexner Medical Center and health sciences colleges have developed an action plan and launched their own initiatives. Key components of this plan are to make **anti-racism efforts** foundational to what we do, to equip our teams to move us forward, to empower our staff to make a difference, and to evaluate our efforts regularly.

Ohio State Diversity Resources

Anti-Racism Initiatives

Improving health equity through anti-racism efforts

Community and Culture

Improving the health of our community

Employee Resource Groups

Employee-led groups that foster a diverse, inclusive workplace aligned with our missions, values and goals



Faculty Mentorship

Faculty Advancement, Mentoring and Engagement (FAME)

Implicit Bias Training

Raising awareness about implicit bias that minorities face

MEDPATH Program

Enriching the academic knowledge and skills of students underrepresented in medicine

The Buckeye Spirit

Shared Values

Departmental Initiatives

Within the department, we've formed a diversity and inclusion committee co-led by faculty and residents. The committee will be led by Drs. Robert Cooper, Mercy Dickson and Rishan Desta.

The committee is meant to be one of action and to identify areas to improve our recognition of and response to racism and threats to diversity and inclusion. This will include action within the department, the college and the medical center, as well as the community. Early initiatives may include exploring voter registration options in the Emergency Department, addressing racism from patients, re-examining our care of patients from diverse backgrounds, identifying ways to advance the careers of underrepresented minorities in medicine, identifying opportunities to be more active in the local community, taking a leadership role within the medical center and college initiatives, and supporting our faculty, residents and fellows in the challenges they experience.

We're also excited to announce a national search for a vice chair of Diversity and Inclusion. The vice chair's role will be to expand our efforts in racism, diversity and inclusion, and provide structure and leadership around these efforts.



The Ohio State University EM Residents and Faculty Female Tribe (RAFFT) supports the professional development of female residents and faculty, and the unique challenges faced by women as emergency medicine physicians.

DEPARTMENT OF EMERGENCY MEDICINE DOUGLAS A. RUND ALUMNI SOCIETY HIGHLIGHTS

The Douglas A. Rund Emergency Medicine Alumni Society is in its fifth full year of operation. The presidency of the society transitioned from Michael McCrea, '07 MD, to Travis Ulmer, '07 MD, at the annual business meeting, held at Ruth's Chris Steak House in Denver, adjacent to the 2019 ACEP Academic Assembly. The current slate of officers was approved at this meeting. October was the society's most active month, kicking off with an alumni tailgate sponsored by Dr. Ulmer during the Buckeye's Homecoming Football Game with Michigan State University. Shortly thereafter, the alumni society provided the incoming class of residents (Class of 2022) with alumni jackets during a special "Black Coat" ceremony. Frank Birinyi, '86 MD, was on hand to take pictures. On Nov. 4, 2019, The Ohio State University College of Medicine Department of Emergency Medicine dedicated the Emergency Medicine Residents' Community Room, made possible by a generous gift from Samuel J. Kiehl III, '71 MD. Dr. Kiehl cofounded the EM Residency Program at Riverside Hospital before moving to Ohio State to create the current Ohio State-EM Residency Program with Dr. Rund around 1980.

The arrival of the new year has been tough on everyone, including the Alumni Society and its slate of programs for the spring. The Annual Life-Long Learning and Assessment (LLSA) event planned for the end of January had to be canceled due to the illness of our beloved instructor Colin Kaide, '96 MD (now fully

recovered). Our community service, providing medical care at the annual Arnold Sports Festival, was also canceled, this time due to the COVID-19 pandemic. This service project has been organized by Brian Hiestand, '01 MD, for several years. Finally, our annual opportunity to gather socially for the department-sponsored dinner at the annual meeting of the Society for Academic Emergency Medicine was derailed due to COVID -19.

Fortunately, the Alumni Society and the department have been able to carry out a few traditions over the past year. The department held its 17th annual Research Day in May, albeit virtually, with the Lashutka (2002) Emergency Medicine Endowed Lectureship being delivered by Elizabeth Goldberg, MD, an associate professor from Brown University. Dr. Goldberg's address was titled "A Team Approach to Safe Discharge and Fall Prevention for Older Emergency Department Patients." This presentation particularly resonated with the department, which received Level 1 Geriatric Emergency Department Accreditation (GEDA) last year under the leadership of Geriatric Director Lauren Southerland, MD.

Ceremonies for the graduating class of 2020 and annual awards were also impacted by the COVID-19 pandemic. Graduates were sent off in style with a socially distanced parade held at the Ohio Stadium. Graduates drove by in the vehicle of their choice (including a pickup made to look like a bubble bath, a Ryder moving van and a brand new Tesla with gull wing

doors) to the cheers and applause of faculty, other residents and staff. This year's Linda Hom Robinson, MD, endowed scholarship for a medical student committed to EM was awarded to Martina Diaz, MD, who will be starting residency at the University of Cincinnati this fall.

The Department of Emergency Medicine also recognized James Jones, MD, as this year's Richard N. Nelson Alumnus of the Year. Dr. Jones is a graduate of The Ohio State University College of Medicine (1979) and professor emeritus of Clinical Emergency Medicine at Indiana University. The Nelson award goes to an alumnus who distinguishes themselves in the field of emergency medicine. Dr. Jones joined the faculty at the Eskenazi Emergency Department and the Indiana University School of Medicine in 1999, and served as vice chair of the academic department for over 10 years. He served as assistant dean for Graduate Medical Education at Indiana and served on the ABEM Board of Directors.

Douglas A. Rund Emergency Medicine Alumni Society Board Officers (2020)

President	Travis Ulmer, MD
Vice President	Open
Secretary	Hannah Hays, MD
Treasurer	Daniel Martin, MD
Past President	Michael McCrea, MD
Campus Alumni Relations Liaisons (CARL)	MJ Fortney





EMERGENCY MEDICINE AWARDS AND ACCOLADES

Eric Adkins, MD: 2020 Ohio ACEP Emergency Physician Leadership Award; 2019 Central Ohio's Best Doctors in Emergency Medicine, *Columbus Business First*

Farhad Aziz, MD: 2019 Appointed Ohio State Medical Director for the Emergency Medicine Observation Unit

Kimberly Bambach, MD: 2019 grant reviewer for AAMC-Group on Educational Affairs National Grant Program

Katherine Buck, MD: 2019 Chief Resident of the Year Award, American College of Emergency Medicine EMRA; 2019 SAEM Resident Researcher of the Year Award; 2019 Top 50 Peer Reviewers for Annals of Emergency Medicine

David Bahner, MD: 2019 – 2021 named to the World Federation in Medicine and Biology student education task force; 2019 3D printed ultrasound probe invention was accepted by Ohio State Technology Commercialization Office

Jason Bischof, MD: 2020 Award for Outstanding Poster, "Emergency Department Chest Imaging Utilization in Patients With Cancer," 2020 Oncologic Emergency Medicine Conference hosted by MD Anderson; 2019 Project DIRECT manuscript, *Academic Emergency Medicine Education and Training* recognized as one of the most downloaded papers in the journal's history

Creagh Boulter, MD: 2020 American College of Emergency Medicine Physicians National Emergency Medicine Faculty Teaching Award

Jeffrey Caterino, MD: 2020 Training Program Faculty on T32NR014225 Training in the Science of Health Development; 2019 Central Ohio's Best Doctors in Emergency Medicine, *Columbus Business First*

Mark DeBard, MD: 2019 welcomed to The Ohio State University Emeritus Academy

Luca Delatore, MD: 2019 Central Ohio's Best Doctors in Emergency Medicine, *Columbus Business First*

Phillip Dixon, MD: 2019 appointed as the Ohio State assistant medical director for the University Hospital Emergency Department; 2020 elected to serve on the American Academy of Emergency Medicine Board of Directors and Young Physician Section Director

Geremiha Emerson, MD: 2019 Project DIRECT manuscript, *Academic Emergency Medicine Education and Training* recognized as one of the most downloaded papers in the journal's history

Jennifer Frey, PhD: 2019 grant reviewer for AAMC-Group on Educational Affairs National Grant Program; 2019 grant reviewer for Society for Academic Emergency Medicine

Andrew Gathof, MD: 2020 completed the ACEP Medical Directors Academy

Colin Kaide, MD: 2020 received the Ohio ACEP Emergency Physician Medical Education Award; 2020 recognized by the Ohio State College of Medicine and Vice Dean for Education Dan Clinchot for outstanding performance evaluations in the Longitudinal Practice Preceptorship for class 2018 – 2020



Gary Katz, MD: 2019 named Central Ohio's Best Doctors in Emergency Medicine, *Columbus Business First*

Emily Kauffman, DO: 2020 Ohio ACEP Emergency Medicine Physician of the Year Award

Mahmood Khan, PhD: Awarded tenure in Emergency Medicine

Sorabh Khandelwal, MD: 2019 served as National Board of Medical Examiners board member, Nominating Committee member and USMLE Computer-based Case Simulations (CCS) Committee member; 2019 Project DIRECT manuscript, *Academic Emergency Medicine Education and Training* recognized as one of the most downloaded papers in the journal's history

Nicholas Kman, MD: 2020 Clerkship Directors in Emergency Medicine Distinguished Educator Award

Ashley Larrimore, MD: 2020 EMS Medical Director of the Year Award, the Ohio Emergency Medical Services, Ohio Department of Public Safety

Simiao Li-Sauerwine, MD: 2020 Core Mentor for Academic Life in Emergency Medicine Faculty Incubator; 2020 inducted into the Emergency Medicine Education Research Alliance (EMERA)

Carolyn Martinez, MD: 2019 Chief Resident of the Year Award, American College of Emergency Medicine EMRA

Krystin Miller, MD: 2019 Chief Resident of the Year Award, American College of Emergency Medicine EMRA; AAMC-Medical Education Research Certificate by completing six MERC workshops

Jennifer Mitzman, MD: 2019 Project DIRECT manuscript, *Academic Emergency Medicine Education and Training* recognized as one of the most downloaded papers in the journal's history; co-investigator on the Ohio Department of Health – HRS: Simulation Training of Obstetric Emergencies for Emergency Medicine Providers

Ashish Panchal, MD, PhD: 2020 Frank Giampetro Distinguished EMS Educator of the Year Award, the Ohio Emergency Medical Services; 2019 Great Rivers Affiliate Distinguished Achievement Award, American Heart Association; 2019 Board Certified in Emergency Medicine and Emergency Medicine Services

Caitlin Rublee, MD: 2019 Chief Resident of the Year Award, American College of Emergency Medicine EMRA

Matthew Schwab, MD: 2019 grant reviewer for AAMC Group on Educational Affairs National Grant Program

Lauren Southerland, MD: 2020 *Columbus Business First* 40 Under 40 Honoree; 2019 Project DIRECT manuscript, *Academic Emergency Medicine Education and Training* recognized as one of the most downloaded papers in the journal's history

Patrick Sylvester, MD: 2020 Award for Outstanding Poster, "Emergency Department Chest Imaging Utilization in Patients With Cancer," 2020 Oncologic Emergency Medicine Conference hosted by MD Anderson; 2020 Clinical Excellence Award, Ohio State Department of Emergency Medicine Residency Program; 2020 Academic Excellence Award, Ohio State Department of Emergency Medicine

Caleb Taylor, MD: 2020 Resident Teacher of the Year Award, Ohio State Department of Emergency Medicine

David Way, MEd: 2019 Project DIRECT manuscript, *Academic Emergency Medicine Education and Training* recognized as one of the most downloaded papers in the journal's history

Howard Werman, MD: 2020 Jack B. Liberator Lifetime Achievement Award by the Ohio Emergency Medical Services, Ohio Department of Public Safety; 2019 Chair for Prolonged and En Route Care-2 (PERC-2) peer review panel of the 2019 Defense Medical Research and Development Program (DMRDP) of the Department of Defense; 2019 Top 50 Peer Reviewer for *Annals of Emergency Medicine*

Jennifer Yee, DO: 2020 acknowledged for Telepresent Mechanical Ventilation Training Versus Traditional Instruction: A Simulation Based Pilot Study; the publication was acknowledged as "Articles of Influence" by IMSH Society for Simulation in Healthcare; 2020 Ohio State Faculty Teacher of the Year Award, Emergency Medicine Residency Program

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