

# Department of Emergency Medicine **2023 Annual Report**

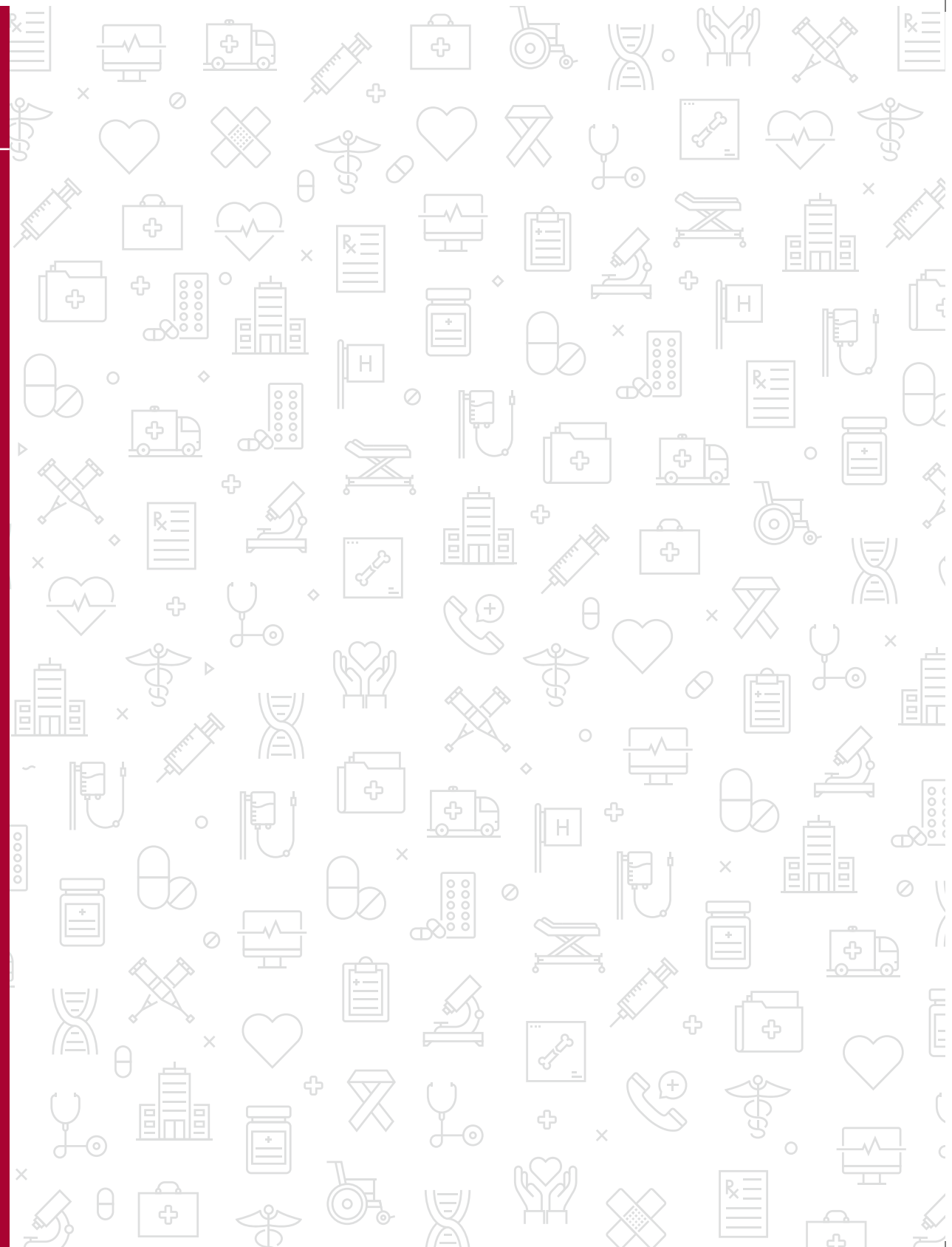


*School of*  
**COMMUNITY  
MEDICINE**



# CONTENTS

- 01** Letter from the Chair
- 02** Meet the Program Director
- 03** National Presence
- 04** Research
- 05** Meet Our New Faculty
- 07** Ultrasound
- 09** Student Education
- 10** Simulation
- 11** Social EM
- 13** EMS
- 15** HEMS
- 17** CPDM
- 19** Meet Our Support Team
- 20** Chief Residents
- 21** Meet the Class of 2026



## LETTER FROM THE CHAIR



I am honored to introduce you to our truly outstanding Emergency Medicine training program. First approved by the University of Oklahoma Board of Regents in 2006, our inaugural class graduated in 2011. Many of our alumni provide critical lifesaving care in underserved areas across multiple hospital systems. As we continue to emerge from the wake of the pandemic and enter our new 'normal' our hope is to continue to foster resilience through the inherent adversity that exists within the healthcare environment, develop transformational leaders, to enable opportunity and success at all levels within our Department.

To date, 54 of our 86 alumni practice within the state of Oklahoma within all types of communities including urban, rural, suburban areas. In addition, according to the American Medical Association, physicians positively impact the State's economy through output, job creation, employee wages and benefits and State/local tax revenue.

Economically each physician in the state of Oklahoma is responsible for:

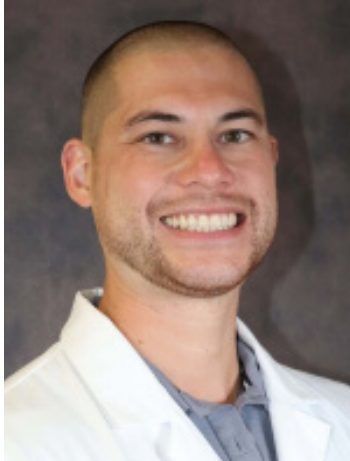
- \$1.9 million in economic generation
- 11.68 downstream jobs
- \$67,400 in average tax revenue for the State
- \$896,988 in total wage and benefit support

As we continue to emerge from the wake of the pandemic and enter our new 'normal' our hope is to continue to foster resilience despite the inherent adversity that exists within the healthcare environment, develop transformational leaders, to enable opportunity and success at all levels within our Department.

Our Faculty numbers have doubled since our inception and our total resident complement has grown from 18 over three years of training to now approval for 30. Our influence and reputation has spread to the national stage. I feel very fortunate to lead this department that trains the next generation of Emergency Medicine leaders. I am extremely proud of our dedicated faculty, residents, and staff. It is my honor and privilege to serve as Chair of this Department.

**Bo Burns, DO, MBA, MHA, FACEP**  
Professor & George Kaiser Family Foundation  
Chair of Emergency Medicine  
Department of Emergency Medicine  
University of Oklahoma School of Community Medicine

## MEET THE PROGRAM DIRECTOR



Dr. Eric Lee joined the OU faculty in 2018 after finishing residency at Brown University in Rhode Island. In his first year as a clinical instructor, he developed a clinical rotation at Saint Francis and served as the site director. This rotation, initially developed for senior residents, has grown into an integral clinical rotation that now provides 3 months of clinical training. Saint Francis provides a high acuity, quick pace and procedurally heavy clinical site that challenges our resident's clinical aptitude. For 3 years, Dr. Lee served as an associate program director and transitioned this past year to the Program Director. His major focus is to optimize our resident's education and serve as a clinical role model. Multiple changes were made in his first year as program director to improve the clinical and didactic experience. In the clinical realm, Dr. Lee is recognized for his procedural teaching and teaching style that cultivates clinical growth. As program leadership, we recognize that mentorship comes in many forms. The faculty understand that adversity during residency is not only from the difficulty of the medical profession. Dr. Lee works to ensure that the culture of our residency remains supportive and provides the optimal environment for success during residency and post-graduation.

**Eric J. Lee, MD**  
Program Director  
Assistant Professor  
OU-Tulsa Department of Emergency Medicine  
University of Oklahoma School of Community Medicine





## LEADERSHIP, ADVOCACY & INVOLVEMENT

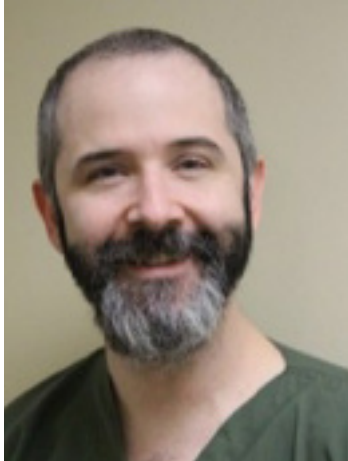


As our Department has grown there have been several individuals who have advanced academically with specialized areas of expertise recognized on the national stage. For this academic year alone, we will have nearly 20 national and regional presentations. Drs. Goodloe, Martinez, and Burns serve at the national level within various EM organizations (ACEP, EMRA, and CORD respectively). In addition, Drs. Whelan, Gentges, and Janneck are teaching classes and serving as formal mentors within the School of Community Medicine. And at the local level we currently have several faculty serving within the leadership of the hospital, as committee members, chairs, and even within the Executive portion of the Medical Executive Committee.



# RESEARCH

## LETTER FROM THE DIRECTOR



The Research Section promotes scholarly activity and a scientific approach to medicine for the faculty, residents, and students in the OU-TU School of Community Medicine Department of Emergency Medicine. This section focuses on research, evidence-based medicine, and scholarly outreach. When put together, these three pillars form a base that leads students and residents into a lifelong appreciation and understanding of the scientific basis of emergency medicine. OU Department of Emergency Medicine (OUDEM) requires yearly scholarly activity from each resident and faculty member. Residents and students are encouraged to work with faculty on original research projects. Each year every OUDEM faculty and resident completes a type of scholarly work consisting of journal articles, book chapters, or poster presentations.

This work has established a strong national presence for our Department and led to multiple published articles and abstracts including research in CPR effectiveness, non-invasive ventilation, and research on homelessness and housing insecurity.

Dr. Gentges, the OUDEM Research Director, is currently the Research Chair for the Council of Emergency Medicine Residency Directors (CORDem), a large national EM education society. In this role he helps present and administer 150 poster presentations a year.

OUDEM Resident Dr. Leslie Jewett presenting at the CORD Clinical Pathologic Case Competition at the CORD Academic Assembly in San Diego

### Ongoing research this year includes:

- Cannabis hyperemesis syndrome
- Antibiotic stewardship and utilization
- Analysis of moderate risk chest pain in a cardiology hospital

### Scholarly Output and Impact

OUDEM faculty and residents are active in the national academic community.

Our faculty and residents lecture, present, and judge at with increasing frequency and presence at research meetings locally, regionally, and nationally.

In the last academic year, faculty and residents have lectured, presented, or written for:

- Council of Emergency Medicine Residency Directors
- American College of Emergency Physicians
- EMS State of the Science - A Gathering of Eagles XXIII
- Society for Academic Emergency Medicine







# MEET OUR NEW FACULTY

MIKE HUNIHAN II, MD



Hi I'm Mike Hunihan and I could not be more excited to join the OUDEM faculty this year. It's only been a few months, but the sense of excitement over the growth of this program and what's been happening here is real. I am very grateful for this opportunity and excited to discover what I can bring to the team.

In the near term my priority will be to work to become a great teacher. Throughout medical school at University of California San Francisco and residency training at Brown University, I have been lucky to have had a few great teachers who have truly altered the trajectory of my life, and I have found a good sense of purpose in trying to pay it forward. On shift I emphasize fundamentals, because while our specialty does demand speed, my experience in a busy high acuity tertiary care center has taught me that a fast doctor is only fast because they know exactly what they are doing. After years of hard work and repetition they are able to bring a powerful combination of knowledge, heuristics, and muscle memory to every situation with humility and decisiveness. Speed is a side effect. My philosophy could be summarized as: "high expectations, with full support."

Farther out on the horizon, I hope to add value to the department by merging my interest in teaching with my interest in Performance Science, in investigating its potential applications in medical

education. Performance Science is an emerging and amorphous field that incorporates ideas from the fields of physiology, psychology, neuroscience, and others, to try to explain "mastery". Coming out of residency I was surprised to find some of the "non-technical" aspects of our job to be the most challenging, and I believe skills like public speaking, conflict management, metacognition, mindfulness training, and more, might be undervalued, and under-taught, in residency training. I'd like to explore how some of these applications might help make us as good as we can be at this job, for the longest possible time.

As I approach my fortieth year, I feel like I'm making a fresh start. For a long time, whether it has been on a wave, a mountain bike, a triathlon course, or while running a chaotic ER, I have largely been focused on the pursuit of my own excitement. In this new phase I am finding a different kind of contentment in becoming part of a tribe and contributing to things bigger than myself, both at home managing our young family, and at work, as the newest member of this one. I am immensely grateful for this opportunity and very excited to be a part of OUDEM.

**Mike Hunihan, MD**  
Assistant Professor



# FACULTY SPOTLIGHT

CHRISTOPH SCHIECHE, MD



Born in a socialist country to a doctor and a nurse, I received an early insight into the medical profession. My wonderful grandparents taught me to be quiet and listen and learn how to do things the right way and I observed many of their teaching skills.

We do not know what life throws at us and I want to teach my students and residents to be prepared for daily life as well as extraordinary circumstances. In my youth in Germany, I spent many hours in the woods and learned the little things such as, what was safe to eat or drink. How to build a shelter and to make a fire. But most of all, not to be afraid of situations which may develop. One very important lesson was, “if it rattles don’t touch it!” and personally I learned the hard way. Teaching about wilderness medicine and survival while outside or camping with my residents are my favorite things to do. Enjoying the nature and the wild of Oklahoma, being with friends and having talks and playing music is getting your thoughts away from work and stress and easing your mind.

What do I want to teach my students and residents? Don’t be afraid what life and work can throw at you, you are going to master it. You have to love what you are doing, otherwise you not going to survive. For me my work place is my second family and like in a real family there are members you don’t like, but

you have to work together for the greater good. I think knowing at least something about wilderness medicine, survival skills and history is going to manage your work and life better and makes you a better doctor. I hope my graduating residents, at last once in there later life, say this ‘one thing I learned from Schieche helped me out.’ Be humble about all the things you don’t know and learn from your mistakes. To end with a quote from one of my former residents: “Residency is hard man”, but we all here to get you through it..

## Christoph Schieche, MD

Assistant Clerkship Director

Director of Clinical Quality Improvement



# ULTRASOUND

## LETTER FROM THE DIRECTOR



Emergency Medicine has been the leader in bedside, physician-performed ultrasound for the past 25 years. Bedside ultrasound has become the standard of care at academic centers and community hospitals across the United States. OU-TU School of Community Medicine's Department of Emergency Medicine has implemented a comprehensive bedside ultrasound training program that includes didactic instruction and skill acquisition in the core emergency ultrasound exams.

Our residents start their ultrasound training on the very first day of residency, as we provide a full day emergency ultrasound course that was developed and taught by our Departmental Ultrasound Director, Dr. Lori Whelan. The course includes instruction in the physics of ultrasound and our residents are able to perform bedside ultrasounds of the aorta, heart, lungs, kidneys, and to detect the presence of blood clots (Deep Venous Thrombosis). There is didactic and hands-on instruction on multiple live models as well as the use of simulators. They also receive instruction in ultrasound-guided peripheral and central venous access, ultrasound-guided peri-tonsillar abscess drainage, and ultrasound guided peripheral nerve blocks.

Our residents complete an ultrasound rotation during the first few months of residency, and they are required to complete over 200 scans in the core emergency ultrasound areas. This

ensures they have an excellent foundation very early in their training which allows them to move on to more advanced ultrasound procedures and exams. Our residents graduate with an average of 550 bedside ultrasound exams. One of our recent graduates performed over 1,000 exams during his residency and passed the Registered Diagnostic Medical Sonographer exam, making him RDMS certified as a third-year resident.

Residents and faculty from the OU Department of Surgery, Internal Medicine, Family Practice, and Pediatrics have attended Dr. Whelan's Emergency Ultrasound Course. She has also taught the course as part of the yearly Oklahoma ACEP conference and for private Emergency Medicine groups throughout the state. In addition to training physicians from other specialties, Dr. Whelan has provided ongoing scan review, feedback, credentialing services, and mentorship to other departments within OU to assist in the development of bedside ultrasound training programs within other specialties.

In the spring of 2017, formal didactic bedside ultrasound instruction was offered to OU-TU School of Community Medicine students. Dr. Whelan partnered with the Internal Medicine Department to offer a series of bedside ultrasound workshops to fourth-year medical students. The workshops included



hands-on instruction on live models and simulators and led to the development of a formal Ultrasound curriculum which integrated bedside ultrasound instruction into the clinical medicine courses in the first and second year of medical school, beginning in the fall of 2017.

Beginning in 2021, Dr. Cody Due joined the EM Faculty as the Assistant Ultrasound Director and works to deliver the Emergency Ultrasound curriculum to the residents and faculty. Dr. Due assists with the Ultrasound courses and the medical student ultrasound labs as well as teaching during the required resident ultrasound scanning shifts.

**Lori Whelan, MD**

Professor and George Kaiser Family Foundation Chair in  
Emergency Medicine  
Vice Chair of Education  
Director of Ultrasound



# STUDENT EDUCATION

## LETTER FROM THE DIRECTOR



Under the direction of Dr. Julie Dodson, our department has experienced exciting developments as we broaden the scope of rotating students in our department. Throughout the year, we have a mix of rotating third- and fourth-year OU medical students, as well as first- and second-year students shadowing in the department. Additionally, in the first five months of the academic year, we welcome dozens of rotating students from across the nation. It is an exciting and busy time of the year for our clerkship!

Our student curriculum is an ever-evolving entity to which we continually add new elements both in terms of lectures and outside readings. Our overall goal is to improve the educational experience and increase the readiness of our students as they prepare to enter the next phase of their careers. With the explosion of learning formats and resources available in medical education, we strive to adapt and come alongside our students as they navigate the often-overwhelming body of knowledge that is required for practicing Emergency Medicine. In our curriculum, self-directed educational materials include assigned student-level online readings, podcasts, and procedure videos. Directed educational interventions include student-focused lectures that follow our weekly resident conference. The student-focused lectures vary widely, but have included pre-hospital emergency care, use of bedside ultrasound, first steps in resuscitation, non-invasive ventilation, and airway management.

This year, we are including residency interview preparation specifically tailored to the style of the typical Emergency Medicine interview format. In addition, we are providing more hands-on training for the students using simulation cases.

We continue to support our OU medical and PA students through our involvement in the Tulsa campus Emergency Medicine Student Interest Group. This provides our department with the ability to help students learn about careers in Emergency Medicine and to provide timely mentorship. By cultivating that relationship early, we can help offer exposure to the emergency department and advise them in their medical school career. Dr. Julie Dodson also serves as faculty mentor for the Emergency Medicine Student Interest Group for the School of Community Medicine in Tulsa and Health Science Center in Oklahoma City.

Each year, we strive to find new and innovative ways to help expose our students to Emergency Medicine. Our residents and faculty play a pivotal role in the development of students both locally and nationally, and we are excited as a department going forward in the new academic year.

**Julie Dodson, MD, FACEP**

Director of Student Education

Assistant Professor

University of Oklahoma School of Community Medicine



# SIMULATION

## LETTER FROM THE DIRECTOR



Dr. Brandon Koenigsknecht, OUDEM graduate Class of 2022, became the Department's first Director of Simulation in July of 2022 and has quickly incorporated simulation based educational sessions into the curriculum for both residents, SCM students and visiting students.

Simulation is a well-recognized and effective adjunct in medical education we use heavily at OU-TU School of Community Medicine's Department of Emergency Medicine. Operating out of the Tandy Education Center (TEC) at our Schusterman Campus we utilize two fully equipped acute treatment bays with state-of-the-art high-fidelity manikins along with a large assortment of procedural trainers.

As a program we come together monthly to perform simulated patient encounters with focused procedural training designed to reinforce concepts introduced in conference and didactics. In the Tandy Education Center (TEC) at the School of Community Medicine we can safely encounter and practice the most acute of patient presentations and perfect technique in high-acuity-low-opportunity (HALO) procedures like perimortem c-section and cricothyrotomy. Utilizing formally trained individuals acting as simulated patients we also learn to navigate and optimize

encounters with difficult and vulnerable populations using trauma informed care and other communication techniques. And as the technology and software matures, we plan to incorporate cutting edge technology like augmented reality and virtual reality in to our curriculum to increase the breadth of situations we can simulate. In addition to the above, our section also hosts biannual cadaver procedure labs for all our residents to promote continued skill proficiency and growth.

The faculty of OUDEM and the staff at TEC are committed to our resident's education and continued growth as physicians. Ideally, we would all see every emergent presentation possible during training but that is an impossibility in any training program. With simulation we hope to expose our residents to those once in a lifetime presentation and provide the pattern recognition, clinic acumen, and procedural skills necessary to manage any pathology that may present and foster the development of competent and self-sufficient physicians.

### **Brandon Koenigsknecht, MD**

Director of ED Simulation  
Clinical Assistant Professor  
Department of Emergency Medicine







# SOCIAL EMERGENCY MEDICINE



Social Emergency Medicine (Social EM) refers to the incorporation of social context into the structure and practice of emergency care. It is a field that has its grounding in the founding experience of emergency medicine, in caring for all in need of acute care, and serving as a safety net for our communities' most vulnerable, as well as the social medicine movement, health equity, social epidemiology, and global health. The mission of the Social EM Section is to incorporate a holistic understanding of our patients' lives and social contexts into how we serve as emergency physicians. We do this to improve our patients' health before, during, and after receiving care in an emergency department, and thereby build a healthier society.

Topics related to social EM are incorporated into the residency curriculum starting during intern orientation where we introduce core concepts, to didactics throughout the year for all residents. The residents participate in community partner visits to organizations that serve our patients and with whom we interact as emergency medicine physicians.

Residents also have ample opportunity with faculty support to take on Social EM projects according to their interests such as quality improvement, research, or advocacy for improvements in policies and protocols.

## **Recent educational components:**

Intern orientation program on introduction to social emergency medicine

## **Visits to community organizations including:**

- Local psychiatric facilities
- Homeless shelters
- Food pantry
- Federally qualified health center
- Trauma-informed care workshop

## **Presentations on:**

- Critical access and health disparities in rural emergency medicine
- Effects of legal changes on reproductive healthcare in the ED

## **Selected ongoing projects:**

- Partnership with Indian Health Services using simulation training to enhance pediatric readiness
- Development of compendium of community resources in Tulsa
- Research study of connection to resources for patients experiencing homelessness
- Partnership with national consortium developing curriculum modules for social EM topics

# EMERGENCY MEDICAL SERVICES (EMS)



Dr. Goodloe is frequently sought at regional, national, and international EMS academic conferences and is a faculty fixture at meetings that include: National Association of EMS Physicians Annual Meeting and EMS State of the Science - A Gathering of Eagles.. He additionally serves on the editorial board for Prehospital Emergency Care and the Journal of EMS. Further, academic progress is evident in the multitude of formal research projects in EMS approved by OUs Institutional Review Board on and presented at national conferences.


Mr. William “Bill” Justice, NRP is an invaluable team member in the EMS section. Bill is a gifted educator and has an extensive service background as a paramedic, firefighter, and law enforcement officer. Bill lectures around the state teaching law enforcement officers the life-saving interventions necessary to treat themselves and fellow officers if they are shot or wounded in the line of duty. Bill’s teachings have been directly linked to a multitude of law enforcement officers being saved across Oklahoma.

Bill is a well-known national speaker and trainer. He is a consummate ambassador for our program through the activities of the EMS Section and the CPDM.

The principal activity of the EMS (Emergency Medical Services) section is to advance the practice of EMS medicine under the direction of Jeffrey M. Goodloe, MD, NRP, FACEP, FAEMS.







Locally, Dr. Goodloe serves as the Chief Medical Officer for the EMS System for Metropolitan Oklahoma City and Tulsa. This system is one of America's largest urban EMS systems, with over 2,700 credentialed EMS professionals who collectively answer over 251,000 emergency calls for medical care annually.

**Agencies that comprise the EMS System for Metropolitan Oklahoma City and Tulsa include:**

- Emergency Medical Services Authority (EMSA)
- Oklahoma City Fire Department
- Tulsa Fire Department
- Edmond Fire Department
- The Village Fire Department
- Nichols Hills Fire Department
- Will Rogers World Airport Fire Department
- Deer Creek Fire Protection District
- Sand Springs Fire Department
- Bixby Fire Department
- Jenks Fire Rescue
- Green Country Volunteer Fire Department
- Tulsa International Airport Fire Department
- Tulsa Police Department officers credentialed as EMT or Paramedics
- American Airlines Emergency Response Team at Tulsa Maintenance & Engineering Base (This maintenance facility is the largest commercial aviation maintenance facility in the world according to American Airline)
- Oklahoma Highway Patrol

Evidence-based medical treatment protocols are researched and crafted by Dr. Goodloe and the Office of the Medical Director staff, including Curtis Knoles, MD, FAAP (Pediatric Emergency Medicine Fellowship faculty at University of Oklahoma College of Medicine in Oklahoma City and EMS System Associate Chief Medical Officer) and paramedics David Howerton, Duffy McAnallen, and Matt Cox. The Office of the Medical Director includes a full-time Masters-degreed statistician, Anna Bailey. They collectively work with Dr. Goodloe and report to the Medical Control Board. This physician advisory board sets local EMS standards of care. These protocols and related training materials produced by the Medical Control Board/Office of the Medical Director are benchmarked by EMS systems around the world, utilizing them to advance their own local standards of care.

Modern examples of advancing the EMS standards of care locally include initiating low-titer O+ whole blood in traumatic hemorrhagic shock, utilizing head-up "neuroprotective" CPR, near future incorporation of video laryngoscopy for AEMTs and Paramedics, and mobile integrated health programs for high frequency patients and for opioid use disorder patients with opioid toxidromes.

**Jeffrey M. Goodloe, MD, NRP, FACEP, FAEMS, LSSBB**

Chief Medical Officer - Medical Control Board, Emergency Medical Services System for Metropolitan Oklahoma City & Tulsa  
Professor & EMS Section Chief  
Director - Oklahoma Center for Prehospital & Disaster Medicine  
Department of Emergency Medicine





# HEMS

## LETTER FROM THE DIRECTOR



In addition to its EMS section, OUDEM has a strong background in HEMS (Helicopter Emergency Medical Services). Since the inception of the program, OUDEM has provided medical direction for much of Oklahoma's HEMS services. Department chairman, Boyd Burns, had shared medical direction for the largest HEMS service in Oklahoma along with the former department chairman, Stephen Thomas. John Nalagan has also been part of OUDEM's clinical faculty since 2008. John has been medical director for Oklahoma's two oldest HEMS programs, MediFlight of Oklahoma since 2001, and Tulsa Life Flight since 2011. He currently heads the HEMS section for OUDEM and continues to serve as medical director for MediFlight/Tulsa Life Flight Residents and students alike are encouraged to participate in HEMS education and medical direction. Chart reviews of complex cases are discussed every month, and residents can attend the meeting in person or virtually. In this

same conference, participants review cases for morbidity/mortality and discuss literature review of recent pertinent articles. Conference ends with a brief lecture on high risk but low incidence pathology seen from the month prior. Procedure labs for HEMS personnel are given quarterly, and OUDEM residents are invited to attend that as well. Lastly, residents are offered opportunities to fly with the HEMS crews as they embark on missions statewide.

**John Nalagan, MD, FACEP, FAAEM**  
Director of Medical Student Education/OUHSC  
Medical Director, MediFlight of Oklahoma/Tulsa Life Flight 5  
Clinical Assistant Professor



# THE CENTER FOR PREHOSPITAL & DISASTER MEDICINE (CPDM)

The Center for Prehospital and Disaster Medicine (CPDM) arose out of growing overlap in departmental efforts with-in realms of prehospital, disaster, tactical, and ground/air EMS. In 2013, the OU Department of Emergency Medicine (OUDEM) EMS Section and the Oklahoma Disaster Institute were merged into the Oklahoma CPDM. Prehospital refers to any care rendered to a patient by first responders, Fire, and EMS or Flight Crew members prior to arrival at a receiving hospital. The CPDM is the overarching organization responsible for OUDEM's efforts in the prehospital and out-of-hospital realms: ground EMS, air medical operations, tactical/special operations EMS, and mass casualty/disaster medicine.

The CPDM represents state-of-the-art integration of multiple facets of prehospital care, education, planning, oversight, and research. The CPDM focuses on facilitating collaborative efforts that cross traditional boundaries of law enforcement, first responders and prehospital providers with the goal of improving response times, collaboration, and improved patient care. The efforts of the Oklahoma CPDM are enabled by generous support from the State of Oklahoma. CPDM works closely with the Oklahoma State Department of Health as well as prehospital and disaster personnel around our state.



## Clinical

Special operations medical support for the Oklahoma Highway Patrol Tactical Team and US Marshals Service Fugitive Task Force. This included training and actual high-risk missions.

## Specific Courses Provided Each Year

- **Cadaver/Procedure Labs** — These labs provide vital skill proficiency practice for EMS, first responder law enforcement, medical students, residents, nursing, and physician assistant clinicians.
- **Trauma Casualty Care Courses (TC3)** — Required by all military combatants prior to being deployed.
- **Trauma Emergency Casualty Care** — Focused on civilian medical response to an active shooter or other direct threat event.
- **Law Enforcement First Response (LEFR)** — Trauma management for self-aid or buddy-aid for all law enforcement personnel (local, state, and federal). Currently supported by a partial grant from Oklahoma Department of Homeland Security.
- **Advanced Cardiac Life Support (ACLS)** — Required for prehospital paramedics and majority of critical care areas within the hospital.
- **Pediatric Advanced Life Support (PALS)** — Required for prehospital paramedics and majority of critical care areas within the hospital.
- **Basic Disaster Life Support (BDLS)** — Hazards response course for all prehospital and in-hospital staff. Required for members of the Medical Reserve Corp (MRC).
- **Advanced Disaster Life Support (ADLS)** — Focused on advanced clinicians utilizing updated skills in an austere environment.
- **High-fidelity simulation lab** for all levels of skill enhancement.







## MEET OUR BUSINESS MANAGER



As a long-time OU-Tulsa employee, I was delighted to join the OU Department of Emergency Medicine as their Department Business Manager in 2019. The faculty and staff welcomed me into the fast-paced and ever-changing world of Emergency Medicine.

The model of Emergency Medicine was fundamentally put to the test as our faculty, residents and staff endured and persevered through the COVID-19 pandemic, I am honored to have witnessed the dedication, fearlessness, and strength demonstrated by every member of our team during this unprecedented global event. Our shared experience strengthened us far beyond what we could ever imagined.

Our doctors treat patients in all three hospitals in Tulsa (Hillcrest Medical Center, St. Francis Hospital and Ascension St. John Medical Center) and our service has extended to Claremore, Owasso, Pryor, Coffeyville, KS, and the Muscogee Creek Nation. The success of the Department of Emergency Medicine is evident as we continue to expand our faculty and service beyond the Tulsa city limits.

**Angie Childers**  
Department Business Manager

## MEET OUR RESIDENCY COORDINATOR



I am in my ninth year as the Residency Coordinator with the Department of Emergency Medicine at the OU-TU School of Community Medicine in Tulsa. During this time, our program has grown from 6 residents a year to now 9 residents a year. It has been such a rewarding experience to play a role in our departments growth. From interview season, to orientation, to graduation — the Department of Emergency Medicine is the place to be.

**Melisa Garner**  
Emergency Medicine Residency Coordinator



# FROM THE CHIEF RESIDENTS



We are humbled and honored to be the incoming Chief Residents for 2023-24. Graduation is always an exciting time for OU Emergency Medicine. It's an opportunity to reflect on growth over the past years while embracing the future. The training provided at OU EM prepares our residents for a career providing high-quality, evidence-based emergency care wherever their talents take them.

## Some of the highlights of our program include:

Our residency program continues to attract medical students from all over the country. This year we welcomed nine new residents to our program. We were thrilled with our match this year and can't wait for them to get started.

Our residents are supported here. They are encouraged to (with supervision) safely manage critically ill patients from their first day of residency. By the time they finish residency, our residents are prepared to take care of anyone, anywhere, and at any time.

We continue to provide high-quality research opportunities for our residents. We have multiple opportunities to present research at local and national conferences.

Our involvement nationally continues to grow with our faculty and residents taking leadership roles in organizations like The

American College of Emergency Physicians (ACEP), Society for Academic Emergency Medicine (SAEM), The Council of Emergency Medicine Residency Directors (CORD), and the Emergency Medicine Residents Association (EMRA).

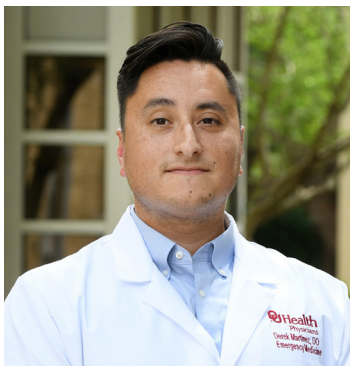
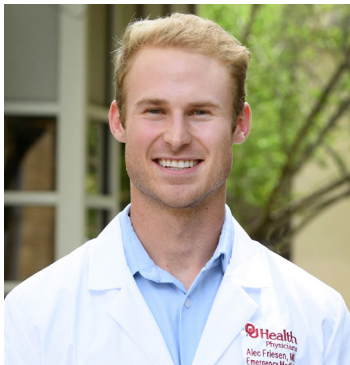
Our residents in-training service exam scores are above the national average for every class. Our didactic curriculum is always improving with new additions to faculty who are passionate about resident education.

Our rural longitudinal emergency medicine track prepares our residents to serve in areas where there is limited access to medical care.

We would like to thank outgoing chiefs, Dr. Dauglas, Dr. El-Kouri, and Dr. Hiatt for their contributions to our education over the past few years. Completing a year as chief resident shows their dedication to their peers and to OU EM. We look forward to their future successes and gladly welcome them back anytime.

Sincerely,

**Joshua Miller, DO**  
**Alec Friesen, MD**  
**Derek Martinez, DO**



## MEET THE CLASS OF 2026



**Ethan Allison, MD**

**Undergraduate:** BA in Intelligence Studies with a concentration in Middle East Studies

**Medical School:** OU-TU School of Community Medicine

**What are your interests/hobbies?**

Spending time with family and friends, anything outdoors.

**Why did you choose EM?**

I chose EM because I wish to serve patients of all backgrounds and walks of life in their time of greatest need.

**What would you like us to say about you at graduation?**

I hope that, over the next three years, I will have shown myself to be a humble leader, a dedicated team member, a competent physician, and, most importantly, a compassionate caregiver.

**What is an interesting fact about you?**

I was attacked by a wolf when I was three years old



**Nic Hoggatt, DO**

**Undergraduate:** BS in Biology

**Medical School:** Rocky Vista University

**What are your interests/hobbies?**

Weightlifting, swimming, board and card games

**Why did you choose EM?**

Of course, I enjoy the acuity and procedures performed in the ED, but I also particularly enjoy that we never shut the door on anyone in the emergency department. Our door is always open and we are always there to help.

**What would you like us to say about you at graduation?**

He's a hard-working team player who goes above and beyond for his patients.

**What is an interesting fact about you?**

I taught myself how to bake as a kid since nobody in my family baked and I had a terrible sweet tooth, which hasn't gotten any better.



**Daniel Joslin, MD**

**Undergraduate:** Biology

**Medical School:** Pacific Kansas City University

**What are your interests/hobbies?**

Traveling, Mountain Biking, Soccer & Basketball, Gaming

**Why did you choose EM?**

I wanted a specialty that was highly interpersonal, saw every demographic, and had plenty of procedures. EM people are also objectively the coolest people.

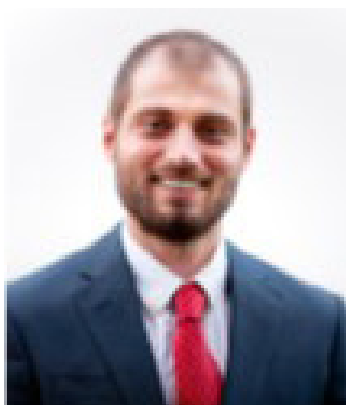
**What would you like us to say about you at graduation?**

I want people to have known me as an incredibly hard worker, someone who cares, and a friend.

**What is an interesting fact about you?**

I can flawlessly solve the triangle game at Crackle Barrel (experts say this is harder than a rubix cube).





**Nick Morse, MD**

**Undergraduate:** Health Administration

**Medical School:** University of Kansas

**What are your interests/hobbies?**

Hunting, fishing, camping, and water skiing

**Why did you choose EM?**

I enjoy the challenge of caring for patients that are critically ill.

**What would you like us to say about you at graduation?**

Hard worker and dependable

**What is an interesting fact about you?**

I was accepted to medical school while on Bourbon Street during a trip to New Orleans.



**Nathan Wilks, DO**

**Undergraduate:** BS, Cell and Molecular Biology

**Medical School:** Pacific Northwest University of Health Sciences

**What are your interests/hobbies?**

My wife and family, hiking, mountaineering, homebrewing

**Why did you choose EM?**

It's the best fifteen minutes of every specialty. The procedures, the acuity, the best patient population out there.

**What would you like us to say about you at graduation?**

Nate truly cared about the people around him. You could tell he wanted to leave this place better than when he got here.

**What is an interesting fact about you?**

I have summited Mt. Rainier three times.



**Tiga Wright, DO**

**Undergraduate:** Nutritional Sciences at Oklahoma State University

**Medical School:** Oklahoma State College of Osteopathic Medicine

**What are your interests/hobbies?**

I enjoy anything outdoors including hiking, sports, and taking my dogs on walks around the Tulsa area! I love to sit on a patio when the weather is nice with a spicy margarita and some tacos!

**Why did you choose EM?**

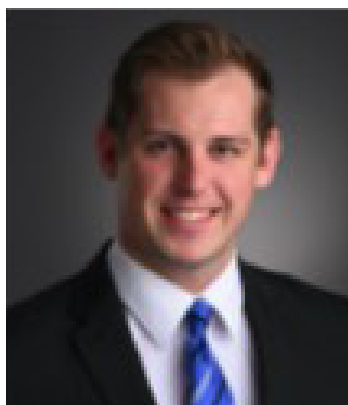
I was exposed to EM prior to medical school and knew it was the specialty that fit my personality and everything I wanted in a career. I love the acuity and procedures EM offers while also having a set schedule!

**What would you like us to say about you at graduation?**

I hope people will say that I'm a hard worker and they had a good time with me on shift!

**What is an interesting fact about you?**

I was born in Malaysia



**Brent Spurling, DO**

**Undergraduate:** Bachelor of Arts in Biology, minor in mathematics

**Medical School:** Oklahoma State University College of Osteopathic Medicine

**What are your interests/hobbies?**

Lifting weights, hiking with my dogs, and other outdoor activities around the Tulsa area. I also enjoy snowboarding and hunting excursions with my brother.

**Why did you choose EM?**

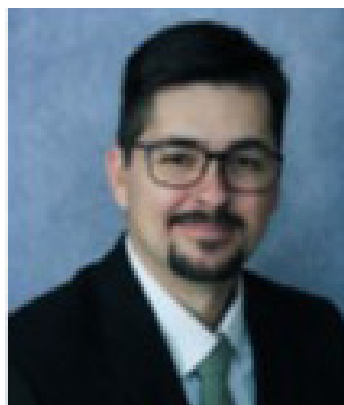
I wanted a broad scope of practice and high acuity. I also enjoy procedures performed in the ED, and the team aspect an ED requires.

**What would you like us to say about you at graduation?**

I want to be known as a hard-working individual, always eager to go the extra mile to help out any of my peers. I want to be someone everyone is excited to work with.

**What is an interesting fact about you?**

I lived in Hawaii for two summers working at a YMCA on the North Shore of Oahu.



**Nicholas Stearns, DO**

**Undergraduate:** Biology with a minor in Chemistry

**Medical School:** Arkansas College of Osteopathic Medicine

**What are your interests/hobbies?**

Camping, Hiking, Hunting, Fishing, Golfing, Woodworking

**Why did you choose EM?**

The diversity of patient presentation and team-based approach to patient care.

**What would you like us to say about you at graduation?**

That I was dedicated and hard working but also maintained a healthy work/life balance.

**What is an interesting fact about you?**

I was a Division I pole vaulter and multi event athlete.



**Caleb Niehues, DO**

**Undergraduate:** Nutritional Sciences from Kansas State University

**Medical School:** A.T. Still University- Kirksville College of Osteopathic Medicine

**What are your interests/hobbies?**

Weightlifting, golfing, gaming, hanging with friends and family, and walking the dog.

**Why did you choose EM?**

It allows me to be at the forefront of healthcare and help individuals in the acute setting. I enjoy the challenges and uncertainty that each day brings.

**What would you like us to say about you at graduation?**

I was a resident who was a true team player and met and exceeded all expectations put before him.

**What is an interesting fact about you?**

According to a google search, there is only one other person with the same name as me and we lived 20 miles from each other while growing up.







---

Hillcrest Physician's Building  
1145 S. Utica, 6th Floor  
Tulsa, OK 74104  
(918) 579-2368