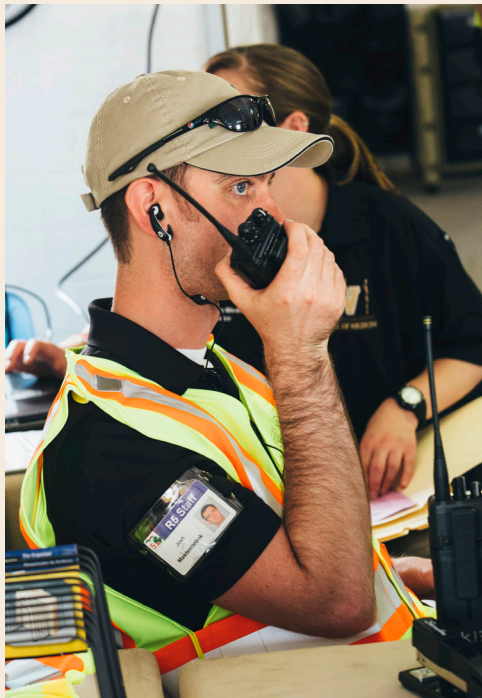


EMERGENCY MEDICAL SERVICES FELLOWSHIP



**THANK YOU FOR YOUR INTEREST IN THE
EMERGENCY MEDICAL SERVICES FELLOWSHIP
AT WESTERN MICHIGAN UNIVERSITY HOMER
STRYKER M.D. SCHOOL OF MEDICINE (WMed).**

One of the most important reasons to consider continuing your education at the Western Michigan University School of Medicine (WMed) is our record of training outstanding physicians. WMed serves a patient population of 250,000 in Kalamazoo County, and with a dedicated physician response vehicle, you will work alongside pre-hospital providers to ensure quality care of our county residents and visitors. Regionally, WMed serves a population of more than one million, generating a diverse range of cases that you will treat in leading-edge medical institutions. As the principal continuing medical education provider for the region, WMed attracts nationally-known speakers who will update you on the latest trends, research, and procedures. Additionally, our dedication to quality throughout the program ensures a dynamic and comprehensive experience, which will lay the foundation for a long and successful career.



EMS Fellow providing triage coordination at a statewide full-scale exercise of MI-TESA Medical Unit

EXCELLENCE IN EMS / DISASTER MEDICINE

THE CURRICULUM

The Department of Emergency Medicine offers a fully accredited, one-year fellowship in Emergency Medical Services (EMS) with two fellowship positions available each year. The program provides fellows with opportunities in operations, administration, medical oversight, education/teaching, and clinical care in the pre-hospital environment. The Kalamazoo County EMS system is a high-performance single tier ALS system with countywide BLS first responders. Serving a population of a quarter million, the EMS system is made up of four ambulance services covering designated areas of the county and sixteen first responder agencies provided through fire and public safety agencies. The fellows are assistant medical directors for the Kalamazoo County Medical Control Authority (KCMCA) in Kalamazoo, Michigan. KCMCA is the agency responsible for coordinating and overseeing the EMS system and is physically housed within the WMed Department of Emergency Medicine. This partnership allows for very close interaction between residents, faculty, and the EMS system staff. The educational experience is enhanced by a response vehicle allocated solely for fellows, which allows for scene response and quality improvement activities in the field. Through the hard work and dedication of our EMS personnel and a highly effective EMS system design, cardiac arrest survival in Kalamazoo County is among the highest in the nation.

The educational experience is enhanced by a response vehicle allocated solely for the fellows, which allows for field response and quality improvement activities in the field.

Our curriculum includes:

- 3 hours of fellowship didactics per week
- Monthly M&M and EMS case review
- Monthly teaching with field responders, medical students, and residents
- Monthly administrative and training meetings – KCMCA PSRO and EMS council, 5th District Medical Response Coalition, Kalamazoo County Hazmat Team, Kalamazoo County Fire Chiefs Association, Kalamazoo County Child Death Review committee
- Quarterly Regional Medical Control Authority and Trauma Network meetings
- State of Michigan EMS meetings
- 48 hours per week on-call for pre-hospital scene response and EMS consults with dedicated physician response vehicle
- Tactical EMS/SWAT Team involvement
- Kalamazoo County HazMat Team involvement
- Research and QI projects, utilizing the state EMS run report database

DISASTER PREPAREDNESS

Fellows actively engage in regional and state disaster preparedness activities. They are given the opportunity to help plan, implement, and evaluate disaster preparedness exercises with various federal, state, and local agencies, hospital systems, private companies, and volunteer agencies. KCMCA serves as the fiduciary agency for the 5th District Medical Response Coalition (5DMRC), one of the oldest such coalitions in the nation and previously recognized by the Centers for Disease Control and Prevention as a national model. The 5DMRC meets monthly and includes representatives from the nine counties of southwest Michigan (about one million population). Members come from hospitals, EMS, emergency management, public health, and other healthcare and human service organizations. Additionally, WMed serves as the statewide coordinating agency for the National Disaster Life Support (NDLS) Program. Fellows complete NDLS training and serve as instructors in NDLS courses. Fellows also assist in the planning of and operations at mass gatherings, such as the Kalamazoo Marathon, WMU football games,



Michigan International Speedway, the B-93 music festival, MI-TESA, and regional full-scale exercises. Actual MCIs to which our fellows have responded include a tour bus vs. semi-truck incident, large apartment fires, a 193 vehicle pileup on I-94, and multiple carbon monoxide exposures at a local greenhouse.

FLIGHT

WMed works closely with West Michigan AirCare, our sole regional air medical service. AirCare brings unique skills and capabilities to patients in need. The medical director for this agency is one of the core faculty for both the residency and fellowship programs. Fellows work with AirCare to gain direct experience in providing air medical care and are actively involved in AirCare's quality improvement and educational programs. Although flight experience is optional, fellows with an interest in flight medicine have ample opportunity to become more involved with AirCare operations.

RESEARCH

During your tenure as a fellow, you will participate in ongoing research studies conducted by the faculty. Our goal is to help you develop outstanding research skills by providing opportunities and resources to cultivate these skills.

The state of Michigan's EMS Information Systems (MI-EMSIS) program is coordinated by WMed, housing the state EMS Data Manager. With more than six million EMS records, fellows have access to a massive amount of data to conduct research under an ongoing State of Michigan Department of Health and Human Services IRB-approved research project. Fellows have excellent access to bio-statistical services. Our department has successfully secured over \$14 million in state and federal grants and is one of only a handful of institutions to receive multiple EMS for Children Targeted Issues grants.

Fellows are encouraged to attend and present at the annual meeting of the National Association of EMS Physicians. WMed provides financial support for travel expenses for presentations at state and national meetings.

CLINICAL

Clinically, the fellows work approximately 40 hours a month as attending physicians at two regional tertiary care centers (both ACS-verified trauma centers). Together these facilities see approximately 150,000 ED patient visits annually.

Fellows have teaching opportunities with students and residents at both facilities. WMed is one of the largest emergency medicine residencies in the country, with 20 emergency medicine residents per class.

WMed has a new simulation center that opened in the summer of 2014 and is one of the largest in the Midwest. EMS fellows have full access to the center to hone their own skills and to instruct students, residents, and EMS personnel.

THE FACULTY

Our diverse EMS faculty has unique background niche interests and skills. They have experience and interest in air medicine, disaster preparedness, fire service, tactical EMS, wilderness medicine, pediatrics, prehospital education, and EMS system operations, just to name a few.

■ William Fales, MD

- Associate Professor of Emergency Medicine and Fellowship Program Director
- Medical Director, Kalamazoo County Medical Control Authority
- State EMS Medical Director, State of Michigan
- Board Certified EMS

■ Joshua Mastenbrook, MD

- Assistant Professor of Emergency Medicine and Associate Fellowship Program Director
- Medical Director, Allegan County Medical Control Authority
- Firefighter/Emergency Medical Responder, Richland Township Fire Department
- Board Certified EMS

■ Glenn Ekblad, DO

- Assistant Professor of Emergency Medicine
- Medical Director, West Michigan AirCare

■ John Hoyle, MD

- Professor of Emergency Medicine and Pediatrics
- Assistant Medical Director for Pediatrics, Kalamazoo County Medical Control Authority

■ Dena Smith, MPA, Paramedic, IC

- Director, WMed Center for EMS, Disaster, and Operational Medicine
- Administrator, Kalamazoo County Medical Control Authority
- Regional Coordinator, 5th District Medical Response Coalition

■ Michael Bentley, AAS, Paramedic, IC

- EMS Clinical Coordinator

■ Robert Farrell, MA, Paramedic, IC

- Disaster Medicine and Special Projects Coordinator

■ Kevin Putman, MHA, Paramedic, IC

- State EMS Data Manager

FOR MORE INFORMATION

Visit the WMed website:
med.wmich.edu

Contact the program coordinator:
(269) 337-6600
emergmed@med.wmich.edu



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WMed ADVANTAGE

Graduates from our program are well-prepared to sit for the EMS subspecialty boards and have a strong understanding of EMS operations and systems. Our high-functioning EMS system offers unique opportunities for fellows in pre-hospital operations and logistics, agency administration, medical oversight/direction, education/teaching, and clinical care in the pre-hospital environment. Additionally, our fellows have an enhanced field experience through our dedicated well-equipped field response vehicle and our flight program.

Participation at the local, regional, and state level in EMS activities as well as disaster preparedness rounds out the EMS operational, planning, and implementation experience.

APPLICATION / INTERVIEW PROCESS

Applications are accepted on a rolling basis. Please include:

- Three letters of recommendation (including your residency program director)
- Personal statement or letter of interest
- Curriculum vitae

We conduct interviews for our EMS/Disaster Medicine Fellowship on a rolling basis. After your application is received and reviewed, you may be contacted to set up an interview. A \$250 stipend is provided to help offset air travel expenses.

Find us on



@WMUMedicine



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