THANK YOU FOR YOUR INTEREST IN THE EMS/DISASTER MEDICINE 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 WMed is our record for graduating outstanding physicians. WMed physicians serve a patient population of more than one quarter million that generates a diverse range of cases that you will treat in leading-edge medical institutions. As the continuing medical education site 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.

THE CURRICULUM

The Department of Emergency Medicine offers a fully accredited, one-year fellowship in Emergency Medical Services (EMS). 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. 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.

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 activities with various federal, state, and local agencies, hospital systems, private companies, and volunteer agencies. KCMCA serves as the coordinating agency for the 5th District Medical Response Coalition (5DMRC), one of the oldest such coalitions in the nation and previously cited 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) Programs in Michigan. Fellows complete NDLS training and serve as instructors in NDLS courses.

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.

RESEARCH

The state of Michigan’s EMS Information Systems (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 Health Department 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. It 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 (NAEMSP). WMed provides financial support for travel expenses for presentations at state and national meetings.

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.

CLINICAL

Clinically, the fellows work as attending physicians at two regional tertiary care centers (both ACS-verified trauma centers). Together these facilities see approximately 150,000 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.

WMED ADVANTAGE

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

THE FACULTY

Our diverse EMS faculty has unique background niche interests and skills. They have experience and interest in air medicine, disaster preparedness, tactical EMS, wilderness medicine, 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
  - Regional Medical Director, 5th District Medical Response Coalition

- **Gerald Beltran, DO, MPH**
  - Assistant Professor of Emergency Medicine and Associate Fellowship Program Director
  - Associate Medical Director for Operations, Kalamazoo County Medical Control Authority

- **Glen Ekblad, DO**
  - Medical Director, West Michigan AirCare
  - Clinical Associate Professor of Emergency Medicine

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

- **Joshua Mastenbrook, MD**
  - Clinical Assistant Professor of Emergency Medicine
  - 2014 Graduate of WMed EMS/Disaster Medicine Fellowship

- **Dena Smith, MPA, EMT-P, I/C**
  - Director, WMed Center for EMS, Disaster, and Operational Medicine
  - Administrator, Kalamazoo County Medical Control Authority
  - Regional Coordinator, 5th District Medical Response Coalition

FOR MORE INFORMATION

Visit the WMed website: med.wmich.edu

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