

Biographical Sketch

Mark Edward Gebhart, M.D.

Present Position: Dr. Gebhart currently serves in three key areas and holds a primary role as an assistant professor in the Department of Emergency Medicine dating back to 2002. Additionally, he has directed The Homeland Emergency Learning and Preparedness Center™, designated as a university center of excellence, since its founding in 2005. Dr. Gebhart serves as one of three concentration directors in the Wright State University Master of Public Health (M.P.H.) program. The program enrolls civilian and military public health professionals and health care leaders from across Ohio and the nation. In the program, Dr. Gebhart supervises numerous graduate students and has recently graduated his first cohort of students concentrating in the field of emergency preparedness. Dr. Gebhart currently holds the rank of task force leader in the United States Urban Search and Rescue Response System, a component of the Department of Homeland Security and the Federal Emergency Management Agency.

Education: Dr. Gebhart is a 1997 graduate of the Wright State University Boonshoft School of Medicine. Dr. Gebhart's post graduate education was completed at Wright State University in the Integrated Residency Program in Emergency Medicine from 1997–2000. Dr. Gebhart served as chief resident in the 1999–2000 academic year.

Academic Contributions: Dr. Gebhart has been involved in emergency care and education dating back to 1985. In his early career as a certified paramedic, he introduced numerous advances in pre-hospital care including promoting early cardiac care. As a physician, Dr. Gebhart has continued his academic contributions to the Integrated Residency in Emergency Medicine Program as a lecturer, attending physician and faculty member. In 2005, Dr. Gebhart founded the emergency preparedness concentration track in Wright State University's M.P.H. program. Recently, the American Public Health Association accredited this fledgling program, and enrollment, along with interest in the program, continues to grow.

Honors/Recognitions: Dr. Gebhart has received numerous awards and honors for teaching, research and service. In 1997, he received the Society of Academic Emergency Medicine (SAEM) Outstanding Medical Student Scholar Award. While serving as medical director for emergency medical services (EMS), he was recognized as the outstanding quarterly member of the Riverside Fire Department in 1999. He was also recognized by the Montgomery County Fire Chiefs as Firefighter of the Year in 1999. In 2000, the Emergency Medicine Residents Association (EMRA) recognized his contributions with their annual award of appreciation for efforts at organizing Midwestern emergency medicine residents and increasing membership. In April 2005, the Wright State University Academy of Medicine presented him with the Excellence in Medical Research and Education Award for junior faculty. In 2005, he was also recognized by the Wright State University Alumni Association with its Recent Graduate Award. In 2006, Dr. Gebhart was inducted into the Alpha Omega Alpha Medical Honor Society. 2007 brought recognition from Wright State University President David Hopkins, Ph.D., who presented an Early Career Achievement Award to him. Dr. Gebhart received a meritorious decoration from the city of Kettering mayor and fire chief for actions to save the life of a trapped resident in a burning home. Dr. Gebhart was recognized along with a Kettering police officer by being awarded the Silver Cross of Valor for having entered a burning structure and rescued an elderly man under extreme danger and without regard for personal life or safety.

Relevant Work History: Dr. Gebhart has gained a great deal of experience in areas including catastrophic incident response as well as work in a busy urban tertiary care facility in the Greater Dayton healthcare system. He serves as physician in charge when on duty in an emergency department with an annual census of 65,000 patients. Dr. Gebhart serves as one of only two physicians holding the rank of task force leader in the National Urban Search and Rescue Response System. In this role, his leadership has been tested during response to Hurricane Katrina and the affected Mississippi Gulf Coast in the summer of 2005. Following Hurricane Katrina, Dr. Gebhart provided the first physician delivered expert testimony to the select Homeland Security Committee of the United States House of Representatives. Dr. Gebhart was the progenitor of the highly successful M.P.H. track in emergency preparedness and developed the entire curriculum and implemented this in its current

executive leadership format. Dr. Gebhart continues active involvement in broad preparedness initiatives both within and external to the medical community. He recently was selected as one of the operations section chiefs for the Ohio Type III Incident Management Team. Additionally, the governor of Ohio has appointed Dr. Gebhart to the state trauma committee representing the state's emergency medicine specialists. Dr. Gebhart co-founded The Homeland Emergency Learning and Preparedness (HELP) Center™ in 2005 with Dr. Glenn Hamilton, chair of the Department of Emergency Medicine, out of a desire to define civil medical readiness, a need to apply best practices to a resilient community model and to clearly apply sound scientific principles to an entirely anecdote-based and non-scientific system of emergency and disaster preparedness. The HELP Center™ has enjoyed a successful funding track record exceeding \$10 million. He has served on several boards including the American Heart Association's western Ohio Chapter, for which he served as president.

Selected Publications and Presentations:

- Tactical Emergency Medicine: Emerging Technologies for the Tactical Medical Provider in Tactical Emergency Medicine. Stephen Blankenship, **Mark E. Gebhart** and Jason Pickett. Lippincott Williams and Wilkins. 2008
- Critical Casualty Evacuation from Tactical Settings in Tactical Emergency Medicine. John Wightman, Mark E. Gibbons, **Mark E. Gebhart** and James E. Brown. Lippincott Williams and Wilkins. 2008
- Start Triage: Does it Work? **Gebhart, Mark E**, Disaster Management and Response. 5(3): 68 – 73, July 2007.
- Relationship of Environmental Conditions and Patient Presentation at a Mass Gathering Event. **Mark E. Gebhart, MD**. Disaster Prevention and Management Vol. 13, #2, PP. 136-139; 2004.
- Management at Hurricane Katrina United States House of Representatives, September 2005.
- University of Iowa College of Medicine Grand Rounds – Mass Gathering Medical Care February 2006
- American Academy of Family Practice Scientific Assembly 2005 Disaster Medicine – Natural Disasters Affecting Human Populations San Francisco, CA September 2005

Pertinent Funding:

1. Greater Dayton Area Hospital Association Training Contract – National Disaster Life Support - \$68,000.00 (2004)
2. Greater Dayton Area Hospital Association Training Contract – National Disaster Life Support - \$40,000.00 (2005)
3. Ohio Department of Health – National Disaster Life Support Training Contract - \$300,000.00 (2006)
4. Ohio Department of Health – Modular Emergency Medical Systems Design and Implementation Project – Principle Investigator - \$3,500,000.00 (2006)
5. Ohio Department of Health – Modular Emergency Medical Systems Design and Implementation Project – Principle Investigator - \$3,700,000.00 (2006)
6. Governor's Office of Criminal Justice Services (State of Ohio) – Overage Education and Training Evaluation – Principle Investigator - \$25,000.00 (2007)
7. Levin Family Foundation – Project HOPE – Healthcare Operational Preparedness Education Mobile Unit – Gift to WSU valued at \$250,000.00 plus an additional \$37,500.00 (2007)
8. Ohio Department of Health – Modular Emergency Medical Systems Design and Implementation Project – Principle Investigator -\$1,500,000.00 (2007)
9. Ohio Department of Health – National Disaster Life Support training program, \$198,000.00 (2008)
10. Ohio Department of Development – Calamityville Project, \$1,200,000.00 (2008)