Biographical Profile
Matthew C. Mireles, Ph.D., M.P.H.

Matthew C. Mireles is the President and CEO of Community Medical Foundation for Patient Safety, a Houston-based nonprofit, 501(c)(3) active learning organization that specializes in the study of patient safety. Dr. Mireles brings his biomedical engineering background, military and aviation training, and academic and research experience as an injury and occupational epidemiologist to the emerging field of healthcare quality and safety. Dr. Mireles is the principal investigator for research projects, including the National Unused and Expired Medicines Registry, Functionality Assessment Test (FAsT) for Screening Mild Traumatic Brain Injury, and the Share Our Stories, Share Our Strength© (SOS^2) Patient Safety Reporting System. He is a frequent invited expert speaker on the topic of patient safety and improvements in the healthcare system. He also holds a faculty appointment at The University of St. Thomas in Houston, Texas. His professional affiliations, activities, and achievements include:

- Faculty member of and presenter at the National Patient Safety Foundation
- American Society for Quality, Health Care Division, *Newsletter* editor and presenter
- Senior Clinical Engineering and Instructor, John Sealy Hospital, Galveston, TX
- Vice President of Houston Council on Occupational Safety and Health (COSH), an affiliate of the National COSH
- Associate member of Sigma Xi, The Scientific Research Society
- Completed Aviation Officer Candidate School; commissioned U.S. Naval Reserve Officer; trained as flight navigator, Naval Air Station Pensacola, FL
- Conducted aviation research in human physiology, performance and endurance at the Naval Aeromedical Institute, Naval Air Station Pensacola, FL
- Doctorate in epidemiology, The University of Texas Health Science Center at Houston, School of Public Health, PhD dissertation—misdiagnosis of ocular trauma among head/facial injuries in the emergency department
- Master of Public Health in occupational health and safety and aerospace medicine, The University of Texas Health Science Center at Houston, School of Public Health, MPH thesis—analysis of the Aviation Safety Reporting System for lessons learned in commercial aviation
- Bachelor of Science in biomedical engineering, Texas A&M University
- Conducted research for a National Science Foundation-funded study to analyze and compare safety reporting systems for the commercial aviation, healthcare, and nuclear power industries
- Member: American Society of Safety Engineers, Society for Epidemiologic Researchers, American Public Health Association, National Medicine/Public Health Initiative, and the National Unused Drug Disposal Steering Committee
- Recipient: The National Institute of Occupational Safety and Health (NIOSH) Occupational Epidemiology Research Training Grant, U.S. Army Bioengineering Fellowship, Hermann Eye Center Research Fellowship
- Reviewer: NIOSH Safety Checklists Program for Occupational and Environmental Safety & Health for Small Businesses; the *Green Guide to Health Care*, Green Guide Operations-Health Section
- Participant at the first National Symposium for the NIOSH National Occupational Research Agenda

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