

Curriculum Vitae

Date Prepared: May 18, 2024

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Education

Year	Degree	Field of Study	Institution
1973	Bachelor of Science	Pre-Medicine	University of Georgia
1976	Doctorate	Medicine	The Medical College of Georgia

Postdoctoral Training

Year(s)	Titles	Specialty/Discipline	Institution
1977 – 1978	Intern	Emergency Medicine	Eugene Talmadge Memorial Hospital, The Medical College of Georgia
2004 – 2005		Certificate in Emergency Preparedness	University of Texas at Dallas School of Management

Current Licensure and Certification

Licensure

Texas Medical License
Georgia Medical License

Board and Other Certification

American Board of Emergency Medicine
American Board of Emergency Medical Services

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
1985	Appointed Inaugural International Program Director for Basic Trauma Life Support (BTLS)	Basic Trauma Life Support

1987	Named and sent as a national representative by the American College of Emergency Physicians as a U.S. Delegate to the Chinese International Conference on Municipal EMS, Beijing, China	American College of Emergency Physicians
1988	Naming and creation of the Raymond L. Fowler, MD Award for the Outstanding BTLS Instructor in America, International, for recognition of international leadership in trauma education.	Basic Trauma Life Support (BTLS)
1988 – 1989	Twice named and sent as a national representative by the American College of Emergency Physicians as a U.S. Delegate to the USSR Ministry of Health for EMS and Trauma Services (with site visits of Moscow, Petersburg, Tbilisi, and Chelyabinsk)	American College of Emergency Physicians
1990	Award for Outstanding Service	American Heart Association
1991	Awarded the 1991 Annual Ronald D. Stewart Award for Longstanding Excellence in Emergency Medical Services	National Association of EMS Physicians, Pittsburgh, Philadelphia
1996	Appointed Physician Member of the Medical Care Team	International Olympic Games in Atlanta, GA
2003	Awarded the John B. O’Neal EMS Pioneer Award, for lifelong service to EMS in Georgia	State of Georgia
2003	Received the national Michael K. Copass Award for Enduring and Outstanding Career Service to EMS Systems and Prehospital Medicine	U.S. Metropolitan Municipalities EMS Medical Directors Coalition
2003	Named National Co – Editor, for the American Medical Association (AMA) Core Disaster Life Support® (CDLS) training courses	U.S. Centers for Disease Control and Prevention (CDC), U.S. Department of Health and Human Services, the National Association of State EMS Directors, the American Public Health Association, the National Association of EMS Physicians, and two dozen other organizations
2005	Awarded the 2005 Annual Neeley Award for Outstanding Contributions to Emergency Medical Services	National Association of EMS Physicians, Naples, FL
2005	Awarded the State of Texas EMS Medical Director of the Year	State of Texas
2006	Received Special Above and Beyond Commendation for efforts during the 2005 Hurricane Katrina and Hurricane Rita crises	Dallas County Hospital District
2008	Named and sent as a national representative as a U.S. Delegate to the Japanese Government to establish the NDLS – Global Initiative in Japan	American Medical Association and the National Disaster Life Support Foundation
2009	The Ray Fowler Above and Beyond Award was	BioTel EMS System

	created by members	
2010	Awarded Outstanding Research Paper of 2010	Texas College of Emergency Physicians, at the Annual Meeting in Frisco, TX
2012	American College of Emergency Physician Lifetime Achievement Award in Emergency Medical Services	American College of Emergency Physicians, Annual Convocation
2012	Keynote Address	International Trauma Life Support Conference, Orlando, FL
2012	Keynote Address	Zoll Corporation, Denver, CO

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2001 – 2004	Assistant Professor	Surgery, Division of Emergency Medicine	University of Texas Southwestern Medical Center
2004 – 2009	Associate Professor	Surgery, Division of Emergency Medicine	University of Texas Southwestern Medical Center
2004 – Present	Adjunct Assistant Professor	Emergency Medicine	Medical College of Georgia
2005 – 2009	Associate Professor	Surgery, Emergency Medical Education Division	University of Texas Southwestern, School of Health Professions
2009 – 2014	Professor	Surgery, Division of Emergency Medicine	University of Texas Southwestern Medical Center
2014 – Present	Professor	Emergency Medicine, Division of Emergency Medical Services	University of Texas Southwestern Medical Center

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
1980 – 2000	Chairman and Medical Director	Emergency Medicine	Parkway Medical Center, Lithia Springs, GA
1997 – 2000	Chairman and Medical Director	Emergency Medicine	Coliseum Medical Center, Macon, GA
1997 – 2000	Chairman and Medical Director	Emergency Medicine	Macon Northside Hospital, Macon, GA

<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2001 – Present	Attending Physician	Emergency Medicine	Parkland Health and Hospital System
2020 – Present	Attending Physician	Emergency Medicine	William P. Clements Jr. University Hospital

Other Professional Positions

Year(s)	Position Title	Institution
1970 – 1972	Reserve Officer Training Corps	University of Georgia
1982 – 2001	Founder and Medical Director	Immediate Care Urgent Care Center
1987 – 1989	Elected President	Georgia College of Emergency Physicians
1996	Appointed EMS Medical Director	Paralympic Games in Atlanta, Georgia
2003	Consultant	U.S. Department of Homeland Security, Office of Domestic Preparedness, Center for Domestic Preparedness (CDP)
2005	Named Chief of Medical Operations, August – September	Dallas Area Hurricane Katrina and Hurricane Rita Evacuee Shelters
2007	Medical Director	Alliance Air Show
2008	Named Chief of Medical Operations	Dallas Area Hurricane Gustav and Hurricane Ike Evacuee Shelters
2010 – Present	Appointed as Consulting Member	Dallas County Medical Society Disaster Preparedness Committee

Major Administrative/Leadership Positions

Year(s)	Position Title	Institution
2001 – 2014	Chief of EMS Operations	Division of Emergency Medicine, University of Texas Southwestern Medical Center
2005 – 2014	Co-Director, Emergency Medicine Section on EMS, Disaster Medicine, and Homeland Security	University of Texas Southwestern Medical Center
2012	Medical Director	Lights All Night Music Festival, Dallas, TX
2014	Medical Director	Rock and Roll Marathon, Dallas, TX
2014 – 2022	Division Chief of Emergency Medical Services	Department of Emergency Medicine, University of Texas Southwestern Medical Center

2017	Co-Chief of Medical Operations	Dallas Area Hurricane Harvey Evacuee Shelter
2020	Co-Chief of Medical Operations	Dallas Area COVID Evacuation Center

Committee Service

Year(s)	Name of Committee	Institution/Organization
UTSW		
2001 – 2014	EMS Medical Directors Council, Chairman	UT Southwestern Medical Center
2001 – 2014	Governmental Emergency Medical Security Services (GEMSS) Fellowship Committee	UT Southwestern Medical Center
2001 – 2016	National Registry Examiner for School of Health Professions Emergency Medical Education Program	UT Southwestern Medical Center
2001 – Present	Residency Interview Committee	Department of Emergency Medicine, UT Southwestern Medical Center
2001 – 2021	New Faculty Interview Committee	UT Southwestern Medical Center
2001 – Present	Emergency Medical Services Protocol Development Committee	Department of Emergency Medicine, UT Southwestern Medical Center
2001 – Present	Resident Evaluation Group	Department of Emergency Medicine, UT Southwestern Medical Center
2002 – 2014	Internet EMS Education Committee, Chairman	UT Southwestern Medical Center
2003 – 2014	Section on EMS, Disaster Medicine, and Homeland Security	UT Southwestern Medical Center
2003 – Present	National Disaster Life Support Regional Committee	UT Southwestern Medical Center
2004 – Present	Resuscitation Research Section	UT Southwestern Medical Center
2004 – 2015	Tularemia Laboratory Emergency Support Committee	UT Southwestern Medical Center
2005 – 2014	Business Affairs Committee, Practice Management Section for the Division of Emergency Medicine	UT Southwestern Medical Center
2007 – 2013	Medical Innovations Committee	Department of Emergency Medicine, UT Southwestern Medical Center
2008 – 2014	Telemedicine Advisory Committee	Department of Emergency Medicine, UT Southwestern Medical Center
2009 – 2010	New University Hospital Design Committee	Department of Emergency Medicine, UT Southwestern Medical Center
2009 – 2012	Medical Student Interview Committee	UT Southwestern Medical Center
2010 – 2022	Stop the Bleed/Hands Only CPR Education Group	UT Southwestern Medical Center
2011 – 2014	Observational Medicine Committee	UT Southwestern Medical Center

2011 – 2013	Serial Inebriate Program	Department of Emergency Medicine, UT Southwestern Medical Center
2012 – Present	Medical School Admissions Committee	UT Southwestern Medical Center
2012 – 2014	Frequent Emergency Department Utilizers	Department of Emergency Medicine, UT Southwestern Medical Center
2012 – Present	Oral Maxillofacial Interview Admissions Subcommittee	UT Southwestern Medical Center
2012 – Present	Medical Scientist Training Program Admissions Subcommittee	UT Southwestern Medical Center
2015 – Present	Section on Emergency Medical Services Education	Department of Emergency Medicine, UT Southwestern Medical Center
2016 – Present	Faculty Wellness Committee	Department of Emergency Medicine, UT Southwestern Medical Center
2017 – Present	President, Board of Directors, Faculty Club	UT Southwestern Medical Center
2021 – Present	Faculty Recruitment Committee	Department of Emergency Medicine, UT Southwestern Medical Center
2023	Joint Admission Medical Program	Department of Emergency Medicine, UT Southwestern Medical Center
2023	Admissions Committee Subcommittee on Virtual Shadowing	Department of Emergency Medicine, UT Southwestern Medical Center
<u>Hospital</u>		
1980 – 2000	Emergency Quality Control Committee	Parkway Medical Center
1980 – 2000	Emergency Medicine Education Committee	Parkway Medical Center
1990 – 2000	Executive Committee	Parkway Medical Center
1997 – 2000	Emergency Quality Control Committee	Coliseum Medical Center
1997 – 2000	Continuous Quality Improvement Committee	Macon Northside Hospital
2005 – 2010	Emergency Department Throughput Improvement Project Committee	Parkway Medical Center
2008 – 2012	Medical Director for EMS Operations	Parkland Health and Hospital System
2009 – 2014	New Parkland Hospital Design Committee	Parkland Health and Hospital System
2009 – Present	Clinical Operations Committee	Parkland Health and Hospital System
2011 – Present	Clinical Quality Improvement Committee	Parkland Health and Hospital System
2023	BioTel Website Committee	Parkland Health and Hospital System

<u>State/Regional</u>		
1980 – Present	EMS Advisory Council	State of Georgia
2001 – 2005	North Central Texas Regional Area Council	State of Texas
2004 – 2006	Subcommittee on State Stroke Networks	Governor’s EMS and Trauma Advisory Council
2005 – Present	Dallas Medical Reserve Corps	State of Texas
2006 – Present	Public Access Defibrillation Sub-Committee	Dallas Independent School District
2007 – 2013	Associate Medical Director Training Consultant	Emergency Physicians Advisory Board, Fort Worth, Texas
2007 – 2013	Oversight Board	Dallas Medical Operations Center
2009 – Present	Dallas Public Health Preparedness Group	Department of State Health Services
2010 – 2015	Co-Chairman, Recognition to Reperfusion Program	American Heart Association Caruth Foundation
2010 – 2015	National Pediatric Evidence – based EMS Protocol Development Committee	EMSC Targeted Issues Grant
2010 – Present	Pandemic Preparedness Group	Dallas County Medical Society
2011 – 2018	Emergency Medical Services Subspecialty Examination Preparatory Course Development Committee	National Association of EMS Physicians
2013 – 2018	Physicians Advisory Group, Trauma, Stroke and STEMI Committees	North Central Texas Trauma Regional Advisory Council
2013 – Present	Mission Lifeline North Texas, Co-Chairman	American Heart Association North Texas Region
2013 – 2016	Paramedic Advisory Board	Garland Fire Department
2014 – 2018	Texas Heart Coalition	Dallas County Medical Society
2015 – Present	Cardiac Arrest Registry to Enhance Survival, Texas Chapter	Cardiac Arrest Registry to Enhance Survival
2015 – Present	Dallas County Public Health Advisory Committee	Dallas County
2017 – 2021	Emergency Department Operations Committee	North Central Texas Trauma Regional Advisory Council
2019 – 2021	Medical Direction Committee, Chair	North Central Texas Regional Advisory Council
2023	Emergency Response Committee	Dallas County Medical Society
2023	House of Delegates	Texas Medical Association
2023	Committee on Management of Sepsis in the Field	North Central Texas Trauma Regional Advisory Council
2023	Committee on Field Transfusion	North Central Texas Trauma Regional Advisory Council
2023	Management of Bariatric Patients	North Central Texas Trauma Regional Advisory Council
2023	Medical Directors Committee	North Central Texas Trauma Regional Advisory Council

2023	Mission Lifeline: Get with the Guidelines, Chair	American Heart Association
2023	Committee on Physician Orders for Life Saving Treatment	Texas Talks
2023	Committee on Physician Orders for Life Sustaining Therapy (POLST)	Texas Talks
<u>National/International</u>		
2012 – Present	National Association of EMS Physicians Subspecialty Board Review Faculty	National Association of EMS Physicians
2019 – 2021	Ethics Committee	Society for Academic Emergency Medicine
2020 – Present	Emergency Cardiac Care Systems of Care Committee	American Heart Association
2021 – Present	Virtual Presence Committee, Previous Co-Chairman	Society for Academic Emergency Medicine
2023	Board Member	International Trauma Life Support
2023	Systems of Care Committee	American Heart Association
2023	Survivorship Work Group	American Heart Association
2023	National Prehospital Guidelines Committee	National Association of EMS Physicians
2023	Committee on EMS Drug Shortages	Food and Drug Administration
2023	National EMS Advisory Council	National Highway Traffic Safety Administration
2023	EMS Medical Director Training Course	National Association of EMS Physicians
2023	National EMS Committee	American College of Emergency Physicians
2023	Emergency Medical Services Committee	American College of Emergency Physicians
2023	International Trauma Life Support Board Member	International Trauma Life Support

Professional Societies

Dates	Society Name
1980 – 2001	Georgia College of Emergency Physicians
1982 – 1984	National ACEP, EMS Committee
1984 – Present	National Association of EMS Physicians (Member National and Texas Chapters)
	1992 – 1994 Elected National President
1984 – Present	Basic Trauma Life Support International (Inaugural International Program Director)
1985 – Present	American College of Emergency Physicians, Fellow
1986 – 1992	National Faculty for Emergency Cardiac Care, State of Georgia AHA
1990	Georgia Emergency Cardiovascular Care (ECC) Committee, Chairman

2001 – Present	Texas College of Emergency Physicians
2004 – Present	National Disaster Life Support Foundation Educational Consortium, National Faculty
2010 – Present	Texas Medical Association (House of Delegates 2015 – Present)
2010 – Present	Dallas County Medical Society
2010 – 2019	Editorial Board, Journal of Emergency Medical Services
2015 – 2021	Board of Directors, Emergency Benevolent Fund
2018 – 2021	National Fire Protection Association (EMS Committee)

Grant Review Activities

Year(s)	Name of Review Committee	Organization
2003 –2004 and renewed annually since	Texas Bioterrorism Continuing Education Program: Developing and Promulgating Statewide Disaster Preparedness Training (<i>Note: This proposal received the highest rating among all of the two – dozen national awardees and 50 – plus total state applications</i>) Merit Review Grant Initial approved annual funding: Total of \$1,800,000 from HRSA and \$400,000 from DSHS for all State of Texas institutions with approximately 15% (largest percentage) going to UT Southwestern Section on EMS, Disaster Medicine, and Homeland Security Site Principal Investigator: R. Swienton, MD Co-Investigators: R.L. Fowler, MD, P.E. Pepe, MD	U.S. Department of Health and Human Services Health Resource Services, Administration (HRSA) and the Texas Department of State Health Services (DSHS)
2003 – 2004	City of Dallas Public Access Defibrillation Industry Grant Approved funding: \$48,000 Principal investigator: P.E. Pepe, MD Co-Principal Investigator: R.L. Fowler, MD	Medtronic Corporation
2004 – 2005	Development of Web - based Disaster Medicine Instruction Merit Review Grant Approved funding: \$10,000 Principal Investigator: R. Little PhD Co-Principal Investigator: R.L. Fowler, MD Co- Investigator: R. Miller, MD	University of Texas at San Antonio
2004 – 2009	The IMMEDIATE Trial (trial of glucose, insulin, K+ in acute coronary artery syndromes) Merit Review Grant Approved funding: \$1,500,000 Principal Investigator: J. Atkins, MD Co-Principal Investigator: R.L. Fowler, MD Co- Investigator: P.E. Pepe, MD	National Institutes of Health – National Heart, Lung, Blood Institute
2004 – Present	Resuscitation Outcomes Consortium	National Institutes of Health –

	Merit Review Grant Approved funding: \$1,500,000 Principal Investigator: A. Idris, MD Co - Investigators: R.L. Fowler, MD, P.E. Pepe, MD, J. Minei, MD	National Heart, Lung, Blood Institute
2005 – 2006 2006 – 2007	Parkland ESD Patient Satisfaction Project Merit Review Grant Approved funding: \$250,000 Principal Investigators: R.L. Fowler, MD and R.V. Rege, MD	Once Upon a Time Foundation
2001 – 2003, 2005 – 2007, 2007 – 2009, 2010 – 2012	BioTel System On-line Medical Direction Approved funding: \$226,000 (renewable biennial contract) Principal Investigator: R.L. Fowler, MD	Inter – governmental Contract
2010	Selected for the Parkland/UT Poster Presentation, 2010 Recipient of the Caruth Foundation Grant of \$3.5 million to create a region – wide Recognition to Reperfusion Program for Acute Coronary Syndrome Patients	Caruth Foundation
2010 – 2012	American Heart Association Symptom Onset to Arterial Reperfusion Improvement Project Merit Review Grant Approved funding: \$3,500,000 Principal Investigator: R.L. Fowler, MD Co-Principal Investigator: P.E. Pepe, MD	American Heart Association
2019 – Present	American Heart Association Out-of-Hospital Cardiac Arrest Outcomes Data Project Approved funding: Principal Investigator: A. Idris, MD Co-Principal Investigator: R.L. Fowler, MD	American Heart Association
2020 – Present	Pediatric Emergency Care Applied Research Network Principal Investigator: H. Hennes, MD Co-Principal Investigator: R.L. Fowler, MD	Grant funding request submitted to the National Institute of Neurologic Diseases and Stroke (NINDS)

Editorial Activities

Year(s)	Journal Name
<u>Editor/Associate Editor</u>	
2014 – Present	Resuscitation, Reviewer
2016 – Present	Prehospital Emergency Care, Reviewer
2015 – Present	Disaster Medicine and Public Health Preparedness, Reviewer
<u>Editorial Board</u>	
2006 – Present	Journal of Emergency Medical Services

<u>Ad Hoc Reviewer</u>	
2023	Journal of the American Heart Association
2023	Journal of the American Medical Association

Grant Support

<u>Present</u>	Pediatric Emergency care Applied Research Network (PECARN)
	Pediatric Dose Optimization for Seizures in EMS (PediDOSE)
	Co-Investigator
	\$8,000
	\$24,000 over 3 years 2023

Teaching Activities

Year(s)	Activity
<u>Medical and graduate school didactic and small group teaching</u>	
2019	EMS Fellowship Lectures: Medical Direction, Finance, Special Operations
2019	Base Station Course for EM Residents
2019	Disaster Day for EM Residents
2019	Rapid Foundations Session for R1 Residents on ECG Essentials
2019	Rapid Foundations Session for R12/3 Residents on ECG Essentials
2022	ECG Interpretation for 4 th Year Med Students
2023	The Future of Emergency Medical Services
2023	Orientation to BioTel
2023	The Evaluation of Shortness of Breath and Hypoxia: Respiratory Emergencies
2023	Introduction to Communication
2023	Advanced Mental Health Life Support
2023	Cultural Competency: An Introduction to Terminology and Definitions plus 11 lectures
<u>Qualifying examination committees</u>	
2019	Residency Interview Committee
2019	Fellow Interview Committee
2019	Faculty Interview Committee
<u>Committees concerned with medical and graduate student education</u>	
2019	CCC Resident Review Committee
<u>Graduate and Medical Student Trainees</u>	
2023	EM Residency Conference: Disaster Day
<u>Postgraduate medical education (graduate & continuing medical education)</u>	
2023	Fellows Only Session: EMS Finance
2023	Fellows Only Session: EMS Medical Direction

Invited Lectures

Year(s)	Title	Location
<u>International</u>		
2007	The Management of Acute Respiratory Distress in the Field: A Case for Continuous Positive Airway Pressure	Mediterranean Emergency Medicine Conference IV, Sorrento, Italy
2007	Fowler RL, Pepe PE. Failure of respiratory rate to predict measured capnography levels in prehospital advanced life support patients. Submitted to the Mediterranean Emergency Medical Conference IV	European Society of Emergency Medicine, Sorrento, Italy
<u>National</u>		
2003	Difficult Cases in EMS	The Trends in Medical Emergencies Conference, Albany, GA
2003	Basic and Advanced Disaster Life Support	U.S. Public Health Service Command Staff, hosted by the U.S. Surgeon General, Vice Admiral Richard Carmona, MD, Washington, DC
2003	New Thoughts in Assessing Medical Emergencies	Georgia EMS Educators Conference, Athens, GA
2003	Interpretation of AV Block and the Interpretation of Tachycardia	State of Missouri State EMS Conference
2003	Managing Circulatory Collapse	State of Georgia State EMS Conference, St. Simons, GA
2003	Exhaled Carbon Dioxide Monitoring in Critically Ill Patients	State of Wisconsin Eastern Regional EMS Conference, Lake Geneva, WI
2003	EMS Trauma Care, CHANGES	State of Georgia EMS Conference
2003	Basic Disaster Life Support	State of Florida Emergency Medical Services Conference, Orlando, FL
2003	Physical Elements of EMS Systems, Risk Management of EMS Systems, and Risk Management Tools for EMS Systems (three separate presentations)	National EMS Medical Director Course and Practicum, Panama City, FL
2004	Current Concepts in Trauma Resuscitation	Trends in Medical Emergencies State of Georgia EMS Conference, Albany, GA
2004	Capnography and Critical Thinking Skills	EMS Educators Conference of Central Georgia, Macon, GA
2004	Avoiding of Overventilation in Critically Ill EMS Patients	Georgia State EMS Conference, St. Simon's Island, GA
2004	Pre – hospital Use of Artificial Blood Products	Georgia State EMS Conference, St. Simon's Island, GA

2004	Difficult Cases in Emergency Medical Services	Wisconsin State EMS Conference, Lake Geneva, WI
2004	Care of the Critically Ill Trauma Patient	State of Missouri EMS Conference, Springfield, MI
2004	Disaster Medicine: A Presentation of Training Standards	Massachusetts State EMS Conference, Cape Cod, MA
2005	Critical Care Ventilation and the Use of Field Ventilators	National Association of EMS Physicians Annual National Conference, Naples
2005	Explosive Disasters	Office of Domestic Preparedness of the Department of Homeland Security for the Alabama Medical Association, Anniston, AL
2005	Ventilation Control for Patients in Circulatory Collapse, and Adult Intraosseous Infusions	Whatcom County EMS Conference, Bellingham, WA
2005	Emergency Ventilatory Management of the Critically Ill and Injured: Elemental or Detrimental?	EMS Today National Conference
2005	CPR and Resuscitation: Stuff You're Not Supposed to Know Yet	EMS Today National Conference
2005	Concepts in Critical Care Ventilation	Missouri State EMS Conference, Springfield, MI
2005	Triage Assessment	Georgia State EMS Conference: CHANGES, Augusta, GA
2005	Fowler RL, Pepe PE, Melville DM, Eastman AI, Larkin GL. Non – transport of EMS patients: Identification of individual paramedic crew behavior through system – wide automated audit mechanisms. Prehosp Emerg Care 2005; 9:129.	National Association of Emergency Medical Services Physicians Annual Meeting, Naples, FL
2005	Physical Elements of EMS Systems, and Risk Management Tools for EMS Systems (four separate presentations)	National EMS Medical Director Course and Practicum, Naples, FL
2006	Advances in EMS Resuscitation	Southern Idaho EMS Conference, Twin Falls, ID
2006	Current Issues in EMS Research	Whatcom County EMS Conference, Bellingham, WA
2006	The Use of Capnography in Patient Monitoring	Bossier City EMS Conference, Bossier City, LA
2006	Challenges Presented to EMS by Body Piercing and Tattoos	Heartland EMS Conference, St. Joseph, MI
2006	The Future of EMS as Revealed through Research and Preservation and Maintenance of Negative Intrathoracic Pressure: The Use of Capnography	Georgia State CHANGES EMS Conference, Augusta, GA

2006	Fowler's 15 Laws of Safe EMS Practice and The Interpretation of Tachycardia	National EMS Today Conference, Baltimore, MD
2006	Capnography in EMS Systems and Professionalism Issues in EMS Systems	Grand Junction Colorado EMS Annual Conference
2006	Physical Elements of EMS Systems	National EMS Medical Director Course and Practicum, NAEMSP Annual Meeting, Tucson, AZ
2007	The Intensive Care of Victims of Explosive Injuries, Trauma and Emergency Medicine Update	Syracuse Medical Center, Syracuse, NY
2007	Data Management in the Field, Advanced EMS Medical Directors Training Course	American College of Emergency Physicians, Seattle, A
2007	Current Trends in Trauma Care, and The Amazing Grace of Emergency Medicine	Trauma Trends, St. Joseph, MI
2007	The Future of EMS as Revealed through Research	Georgia State EMS Conference, Savannah, GA
2007	The Amazing Grace of Emergency Medicine and The Greatest EMS Risks	Pennsylvania State EMS Conference, Lancaster, PA
2007	The Importance of Selective Recruiting: Finding the Most Qualified Applicants	Recruitment and Retention of Paramedics Conference 2007, Arlington, VA
2007	The Future of EMS Professionalism	Regional EMS Conference, Albany, NY
2007	The Management of Agitated Delirium	Georgia State EMS Conference, Augusta, GA
2007	Tasers in EMS: Shocking Revelations	Georgia State EMS Conference, Augusta, GA
2007	The Amazing Grace of Emergency Medicine	Georgia State EMS Conference, Augusta, GA
2007	The Emperor's New Clothes: A Humble Attempt to Offer Some Eclectic EMS Insights	Georgia State EMS Conference, Augusta, GA
2007	The Future of EMS Professionalism, and Pediatric Trauma Emergencies	Ohio College of Emergency Physicians, Columbus, OH
2007	Physical Elements of EMS Systems	National EMS Physicians Medical Director Course and Practicum, Naples, FL
2008	The Top Ten Issues in EMS, The Amazing Grace of Emergency Medicine, and Advanced Capnography Interpretation	The Virginia State EMS Conference, Norfolk, VA
2008	The Future of EMS Technology Development, Six hours of Presentation	The Philips Corporation, Andover, MA
2008	Fowler RL, Pierce A, Nazeer S, Philbeck T, Miller L. A review of 1128 intraosseous infusion attempts: The VidaCare Database.	American College of Emergency Physicians Annual Meeting, Chicago, IL

2008	Electronic Data Transmission from the Field	American College of Emergency Physicians, Chicago, IL
2008	Advanced Capnography Interpretation and The State of Air Medical Emergency Medical Services Professionalism	OmniFlight Annual Conference, Phoenix, AZ
2008	Challenges in Electronic ECG Transmission	AHA ECCU International Conference, Las Vegas, NV
2008	Advanced Capnography Interpretation and The Future of EMS as Revealed through Resuscitation Research	EMS Today National Conference, Baltimore, MD
2008	The Amazing Grace of Trauma Care	Colorado State EMS Penrose Trauma Conference, Colorado Springs, CO
2008	The Metropolitan Dallas Emergency Medical Services System, Tokyo Emergency Medical Services Conference	Tokyo Medical and Dental University, Tokyo, Japan
2008	The Essential Elements of EMS Systems, NAEMSP National EMS Medical Directors Course and Practicum	National Association of EMS Physicians, Phoenix, AZ
2009	Tasers and EMS, Professionalism in EMS Systems, and The Amazing Grace of Emergency Medicine	Missouri State EMS Conference, St. Louis, MI
2009	EMS as a Medical Subspecialty	International Trauma Life Support Annual Conference, Charlotte, NC
2009	Critical Thinking in EMS Systems, and Pediatric Emergencies in Prehospital Care	Heartland Trauma Conference
2009	Advanced EMS Medical Directors Course	American College of Emergency Physicians, Boston, MA
2009	Advanced Capnography Concepts	Colorado State EMS Conference, Breckenridge, CO
2009	The Role of Intraosseous Infusions: Emergent to Non – emergent Settings	Infusion Nurses Society, Nashville, TN
2009	Prehospital Emergency Care: The Next Medical Subspecialty	Changes State EMS Conference, Augusta, GA
2009	Adult Intraosseous Infusions: EMS and Emergency Department Applications	Changes Stated EMS Conference, Augusta, GA
2009	Challenges in EMS Chest Pain Management	The Doctors Hospital Chest Pain Conference
2009	Data Management in EMS Systems, The Advanced EMS Medical Directors Training Course.	National Association of EMS Physicians, Jacksonville, FL
2009	The Essential Elements of EMS Systems, National EMS Medical Directors (NAEMSP) Course and Practicum	National Association of EMS Physicians, Jacksonville, FL
2009	EMS as Revealed through Research, Advanced	Emergency Medical Services Expo,

	Capnography, and The Future of EMS as a Medical Subspecialty	Atlanta, GA
2010	Critical Thinking in EMS Systems and Resuscitation Research in Cardiac Arrest	Georgia EMS Educators Annual Conference, Savannah, GA
2010	Grand Rounds: Reflections on Cardiopulmonary Resuscitation: Ruminations on a Half Century of Progress	Vanderbilt University School of Medicine, Nashville, TN
2010	Grand Rounds: Safe Non - Transport in EMS Systems,	University of California at San Diego School of Medicine
2010	The Present and Future Tenses of EMS Trauma Care: What's Hot and What's Not	Heartland Trauma Conference
2010	Advances in Airway Management	American College of Emergency Physicians, Las Vegas, NV
2010	Heart to Heart with Dr. Fowler: Lectures on CPR, Capnography, Advanced ECG Interpretation, and EMS Professionalism	The Heartland Health and Hospital Systems, St. Joseph, MI
2010	Essential Elements of EMS Systems: National EMS Medical Directors Course and Practicum	National Association of EMS Physicians, Phoenix, AZ
2010	Presented the James Carrell Lectureship Grand Rounds on Cardiopulmonary Resuscitation 2010: What have we learned?	Vanderbilt University
2010	Presented Grand Rounds on Safe Non-transport in EMS Systems	University of California at San Diego
2011	National EMS Medical Directors Course and Practicum, Advanced EMS Medical Directors Course, and Electronic Patient Care Reporting: Pearls and Pitfalls	National Association of EMS Physicians, Bonita Springs, FL
2011	The EMS Educator's Role in Quality Management	The Georgia EMS Educators Conference, Savannah, GA
2011	Efforts of the Drug Enforcement Administration in EMS Affairs	The American College of Emergency Physicians Advanced Medical Directors Course, San Francisco, CA
2011	Timely Trends in Trauma Care	The State of Idaho EMS Conference, Twin Falls, ID
2011	Critical Thinking in EMS Systems	The State of Idaho EMS Conference, Twin Falls, ID
2011	Quality Management in EMS Systems	The State of Georgia EMS Medical Directors Council, Atlanta, GA
2011	Advanced Capnography Interpretation	EMS Expo, Las Vegas, NV
2011	The Gathering of Eagles Seminar	EMS Expo, Las Vegas, NV
2011	Current Activities of the Drug Enforcement Administration in EMS Systems	International Association of Fire Fighters, New York City, NY

2011	Current Activities of the Drug Enforcement Administration in EMS Systems and Quality Management in EMS Systems	Pinnacle Conference, Miami, FL
2011	Quality Improvement Programs for EMS Physicians	Colorado State EMS Conference, Grand Junction, CO
2011	Emergency Medical Services Outstanding Innovator of 2010, presented at EMS Today 2011 in Baltimore, Maryland	PhysioControl and the Journal of Emergency Medical Services
2012	Presented the W. Kendall McNabney Memorial Lectureship on The Past, Present, and Future of Cardiopulmonary Resuscitation	The University of Missouri at Kansas City School of Medicine
2012	EMS as a Subspecialty and The Newest of the New in Cardiopulmonary Resuscitation	Local Heroes Conference, Columbus, OH
2012	Saving the Next Ten Thousand, at the Thinking Big Conference	University of Texas Southwestern
2012	The Relationship between the Fire Service and the EMS Medical Director	The National Metro Chief's Conference, Louisville, KY
2012	EMS as a Subspecialty, and The Newest of the New in CPR	Ohio State EMS Conference, Columbus, OH
2012	The Past, Present, and Future of Cardiopulmonary Resuscitation	The University of Alabama at Birmingham Emergency Medicine Grand Rounds, Birmingham, AL
2012	The Interpretation of Bradycardia	Emergency Medicine Residency Conference
2012	The Newest of the New in Cardiopulmonary Resuscitation	Minnesota State EMS Conference, Minneapolis, MN
2012	The Newest of the New in Cardiopulmonary Resuscitation	EMS Today, Baltimore, MD
2012	The Role of EMS as a Medical Subspecialty	EMS Today, Baltimore, MD
2012	Debate on the National Fire Protection Association 1710 Standard	National Association of EMS Physicians Advanced EMS Medical Director Course, Tucson, AZ
2012	Essential Elements of EMS Systems	National Association of EMS Physicians EMS Medical Director Course and Practicum, Tucson, AZ
2012	Ethics in EMS and Victims of Explosive Injuries	Colorado State EMS Conference, Breckenridge, CO
2012	We Should Ventilate the Victim of Cardiac Arrest: A Debate	The Cedars – Sinai Arrhythmia Symposium, Los Angeles, CA
2012	The Role of Data Management in the Saving of Lives	The Zoll Corporation, Denver, CO
2012	Advancing Concepts in Resuscitation	The International Trauma Life Support Conference, Orlando, FL

2012	The Newest of the New in Cardiopulmonary Resuscitation and The Challenges of Explanation and Memory: How People Learn	The Georgia EMS Educators Conference, Savannah, GA
2012	Quality CPR Caveats: An Eagles Perspective	The Florida State EMS Conference, Orlando, FL
2012	The Best of the Eagles 2012 and The Past, Present, and Future of Resuscitation	Clincon 2012, Orlando, FL
2012	The Past, Present, and Future of Cardiopulmonary Resuscitation and Fowler's Fifteen Laws of Emergency Medicine and How the Affordable Care Act will Change Them	The University of Missouri at Kansas City Medical School, Kansas City, MO
2012	The Past, Present, and Future of Cardiopulmonary Resuscitation, Critical Thinking in EMS, and The Amazing Grace of Emergency Medicine	The New Mexico State EMS Conference, Albuquerque, NM
2012	Grand Rounds on The Past, Present, and Future of EMS Systems	University of Alabama at Birmingham
2012	Grand Rounds on Fowler's Fifteen Laws of Emergency Medicine: How the Affordable Care Act Will Change Them	The Department of Emergency Medicine of the University of Missouri at Kansas City
2013	EMS Medical Direction	The NAEMSP EMS Review Course, Seattle, WA
2013	EMS Medical Direction	The NAEMSP EMS Review Course, Atlanta, GA
2013	The Formation of a Municipal STEMI Network	The Gathering of Eagles Regional Conference, Denver, CO
2013	Critical Thinking in EMS Systems, and The Newest of the New in Cardiopulmonary Resuscitation	Clinicon EMS Conference, Orlando, FL
2013	The Newest of the New in Cardiopulmonary Resuscitation	The Martha's Vineyard EMS System, Martha's Vineyard, MA
2013	The Future of Resuscitation, a joint Keynote Address with Dr. Greg Mears, Medical Director of the Zoll Corporation	The Zoll Corporation, Denver, CO
2013	The Newest of the New in Cardiopulmonary Resuscitation	The Baptist Memorial Hospital Resuscitation Conference, Memphis, TN
2013	The Role of Fluids and Electrolytes in Resuscitation	Emergency Medical Services Expo, Dallas, TX
2013	The Newest of the New in Cardiopulmonary Resuscitation	The International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium
2013	The Evaluation of the Patient with Abdominal Pain	The Emergency Nursing Staff of Parkland Memorial Hospital, Dallas,

		TX
2013	Navigating the Drug Enforcement Administration Controlled Substance Regulations	The National Association of EMS Physicians, Bonita Springs, FL
2014	Grand Rounds on The Newest of the New in Cardiopulmonary Resuscitation	The Department of Emergency Medicine of the Washington University, St. Louis, MO
2014	Zoning in on the Hot Zone: How Ebola Affected an EMS System	The Advanced EMS Medical Director Course, American College of Emergency Physicians Annual Meeting, Chicago, IL
2014	Creating a Protocol for the Use of Tourniquets in EMS	The Advanced EMS Medical Director Course, American College of Emergency Physicians Annual Meeting, Chicago, IL
2014	The Creation of a Municipal STEMI System	The Gathering of Eagles Regional Meeting, Las Vegas, NV
2014	Emergency Medical Services in the Modern Era, Keynote Address	The Georgia CHANGES State EMS Conference, Augusta, GA
2014	The Newest of the New in Cardiopulmonary Resuscitation	The Society of Michigan EMS Coordinators, Travers City, MI
2014	Trauma Care in EMS	EMS Today, Washington, D.C.
2014	EMS Medical Direction	The NAEMSP EMS Review Course, Tucson, AZ
2014	The Use of Backboards in Prehospital Spinal Immobilization	The NAEMSP Advanced EMS Medical Director's Course, Tucson, AZ
2014	EMS: The Long View	The NAEMSP EMS Medical Director's Course, Tucson, AZ
2015	Leba C, Mehkri F, Fowler RL, King R, Idris A. The BVM Effect: Airway Management in Out – of – Hospital Cardiac Arrest.	56 th National Student Research Forum, Galveston, TX
2015	EMS Should Have Body Armor on Every Call	The Advanced EMS Medical Director Course, National Association of EMS Physicians Annual Conference, New Orleans, LA
2019	The Future of Resuscitation	State of Colorado EMS Conference, Grand Junction, CO
2019	The Electrocardiogram: What Mr. Franklin Knew	State of Colorado EMS Conference, Grand Junction, CO
2020	Automated Matching of Prehospital and Hospital Medical Records: A Rapid Method of Determination of Outcomes for Cardiac Arrest	University of Texas Southwestern Surgical Research Forum, Dallas, TX

	Patients	
2020	Shock for the Advanced Medical Life Support National Forum	National Association of EMTs National Forum
2020	Evolution and Revolution in CPR	International Online SAESP Symposium, Sao Paolo, Brazil
2021	Advanced Topics in Medical Direction	National Association of EMS Physicians National Meeting
2023	EMS Boards Study Session	National Association of EMS Physicians, Georgia Chapter
2023	EMS Medical Direction and the History of EMS	National Association of EMS Physicians, Board Candidates
<u>Regional/Local</u>		
2003	Advanced Disaster Life Support	Farmers Branch Fire Department, Farmers Branch, TX
2003	Implementing a Stroke Center System; Basic Disaster Life Support for Chemical Disasters, and Origins, Development and Implications of the Eagles Consortium	Texas Department of Health Texas State EMS Conference, San Antonio TX
2003	Disaster Management and Trauma Systems	Mother Frances Hospital, Tyler, TX
2003	Capnography in Circulatory Collapse	Austin – Travis County Regional EMS Conference
2003	Dealing with Media and Communications in Disasters	Dallas Independent School District Nurses
2003	Mandatory Transport of EMS Patients	School of Allied Health, UT Southwestern Medical Center
2003	Advanced cardiac life support Instructor Course, Gooch Auditorium	UT Southwestern Medical Center
2003	Basic and Advanced Disaster Life Support, at the Gathering of Eagles	EMS State of the Science Annual National Symposium, Dallas, TX
2004	Care of the Critically Ill EMS Patient	EMStock State EMS Conference, Midlothian, TX
2004	Extensive Series of Basic Disaster Life Support Courses	Dallas Independent School District Nursing Staff
2005	Fowler's 15 – plus Laws of Safe Emergency Medicine Practice	Emergency Medicine Students Association, University of Texas Southwestern
2005	A Patient with Back Pain and Testicular Enlargement: A Case of Brucellosis	University of Texas Southwestern, Division of Emergency Medicine Clinical Pathological Conference
2005	The Assessment of the Critically Ill: Ventilation Strategies for the Critically Ill	Texas College of Osteopathic Medicine School of Physician Assistants

2005	The Truths of Emergency Medicine	EMStock Texas Regional EMS Conference, Arlington, TX
2005	Real Time EMS Telemetry using the MESH Wireless Router Network	Gathering of Eagles National Conference, Dallas, TX
2005	Jumping Jack Flash, It's a Gasp: The Role of Gasping Ventilations in Resuscitation from Cardiac Arrest, The ROC and Role of EMS in Resuscitation Research, and Immediate Countershock for Ventricular Fibrillation: Elemental or Detrimental,	Texas State Department of Health EMS Conference, Austin, TX
2006	An Introduction into EMS Ultrasound	Texas State EMS Conference, Dallas, TX
2006	Pandemic Influenza Tabletop	Texas State EMS Conference, Dallas, TX
2006	Sheltering Operations in Mass Evacuations: Establishing and Maintaining a Surge Medical Facility	Parkland Memorial Hospital Disaster Medicine Conference, Dallas, TX
2006	Electronic Patient Care Reports: Challenges to EMS Educators and Understanding Change in EMS Systems	Georgia EMS Educators Conference, Callaway Gardens, GA
2006	If You Build It, They Will Come: Establishing Medical Operations for Shelters During Mass Evacuations	El Paso Trauma Conference, El Paso, TX
2006	Hypertonic Saline for the Management of Hemorrhagic Shock	Careflight Conference, Arlington, TX
2006	The Management of the Disruptive Patient	Emergency Medicine Residency Program, Southwestern Medical Center, Dallas, TX
2006	Issues in Bioterrorism	Texarkana BioTerrorism Seminar, Texarkana, TX
2006	Current Issues in EMS Medicine	Southwest Fire Rescue Meeting of the Fire Chiefs of Texas and the Adjacent States, Austin, TX
2006	Live from the Field: Data Transmission from the Ambulance	Gathering of Eagles Annual Meeting, Dallas, TX
2007	The Technique of Reading Chest X-rays	Emergency Medicine Student Association, UT Southwestern Medical Center, Dallas, TX
2007	A Patient with Agitation and Pinpoint Pupils, Emergency Medicine Clinicopathological Conference	UT Southwestern Medical Center
2007	Management of the Patient with Acute Shortness of Breath	MedStar Ambulance Service, Fort Worth, TX
2007	EMS Primary Care Opportunities	Texas Fire Chiefs Association,

		Austin, TX
2007	The Prehospital Management of Acute Myocardial Infarction	Methodist Hospital Cardiac Committee, Methodist Hospital of Dallas
2007	Management of Psychiatric Emergencies	Emergency Medicine Residents Conference, UT Southwestern Medical Center
2007	Challenges in Prehospital ECG Transmission	Austin State Cardiology Conference, Austin, TX
2008	Basic and Advanced Electrocardiography Interpretation	The University of Texas Southwestern Emergency Medicine Residency Program, Dallas, TX
2008	Improving Emergency Response through New Data Technology	CardioAlert Corporation, Dallas, TX
2008	Critical Decision Making in EMS	Texas State EMS Conference, Fort Worth, TX
2008	Thoracic and Abdominal Anatomy Cadaver Lab Presentation	Texas State EMS Conference, Fort Worth, TX
2008	The Now and Future of Data Collection from the Field	Mothers Against Drunk Driving Injury Prevention Summit, University of Texas Southwestern, Dallas, TX
2008	Advanced Capnography Interpretation	EMStock Annual Conference, Midlothian, TX
2008	Address in Memory of Dr. Hal Unwin	PHI Stroke Conference, Cedar Hill, TX
2008	Basic and Advanced Concepts in Capnography Interpretation	Harris Methodist Trauma Conference, Fort Worth, TX
2008	The Interpretation of Electrocardiograms: Basic and Advanced Techniques	University of Texas Southwestern Emergency Medicine Residents Conference, Dallas, TX
2008	Toxicological Aspects of Disaster Preparedness	University of Texas Southwestern Toxicology Section, Dallas, TX
2008	Difficult ECG Rhythm Interpretation	Care Flight Annual Conference, Dallas, TX
2008	Emergency Medicine Perspectives	TCOM Physician Assistant Program, Fort Worth, TX
2008	Advanced Capnography Interpretation	MedStar Continuing Education Program, Fort Worth, TX
2008	Essentials of EMS Medical Direction Quality Control	Methodist Hospital EMS Medical Directors Training Course, Dallas, TX
2008	A Compendium of Disaster Management	University of Texas Southwestern Emergency Medicine Residents,

		Dallas, TX
2008	84. The Interpretation of Chest X-rays	University of Texas Southwestern Emergency Medicine Residents, Dallas, TX
2009	Resuscitation Science in EMS, Critical Thinking in EMS Systems, and Physical Assessment: Initial Training meets the Present Day of EMS	Texas State EMS Conference, Fort Worth, TX
2009	Evolving Strategies in Stroke Networks	Medical City Neurosciences Conference, Dallas, TX
2009	Physician Participation in Regional Disaster Preparedness	Tyler Regional Health Office, Tyler, TX
2009	Present and Evolving Concepts of EMS	Harris Methodist Trauma Conference, Fort Worth, TX
2009	The Current Status of Electronic Data Transmission in EMS	Doctors Hospital Chest Pain Conference, Dallas, TX
2009	Activation of Cardiac Catheterization Laboratories based upon Paramedic Interpretation of Electrocardiograms	The U.S. Metropolitan EMS Medical Directors Conference, Dallas, TX
2009	The Creation of Emergency Medical Services as a Medical Subspecialty	The U.S. Metropolitan EMS Medical Directors Conference, Dallas, TX
2009	The Evaluation and Management of the Patient with Shortness of Breath	The University of Texas Southwestern EMSA Meeting
2009	Basic and Advanced Electrocardiography Interpretation	The University of Texas Southwestern Emergency Medicine Residency Program, Dallas, TX
2009	Advanced Concepts in Renal Failure	The University of Texas Southwestern Emergency Medicine Residency Program, Dallas, TX
2010	Invited lecturer to the For the Health of Texas Workshop	University of Texas MD Anderson Cancer Center, Houston, Texas
2010	The DEA and EMS Systems	Texas College of Emergency Physicians
2010	Critical Thinking in EMS Systems, The Eagles Roundup, and Advanced Capnography	EMS Expo, Dallas, TX
2010	Nephrolithiasis: Case Presentation and Discussion	The University of Texas Southwestern Emergency Medicine Residency Program, Dallas, TX
2010	The EMS Scope of Practice Project, For the Health of Texas: Systems approaches to Improving Emergency Room Performance, MD	Anderson Cancer Center, Houston, TX
2010	Five Resuscitation Papers You Should Know About and Therapeutic Hypothermia	Careflite Annual Conference, Arlington, TX

2010	Establishing Quality Control Mechanisms in Prehospital Trauma Systems	Texas EMS, Trauma, and Acute Care Foundation
2010	The Recognition of Acute Myocardial Infarction by Paramedics: Improving PCI Lab Activation through Intensive Training	Texas College of Emergency Physicians, Frisco, TX
2010	Fowler RL, King R, Velasco C, LaChance R, et al. The Recognition of Acute Myocardial Infarction by Paramedics: Improving PCI Lab Activation through Intensive Training.	Texas College of Emergency Physicians Annual Meeting
2010	EMS Resuscitation Papers You Should Know and Safe Non – Transport in EMS Systems	Texas State EMS Conference
2011	Research in EMS Systems	The Texas State EMS Conference, Austin, TX
2011	Emergency Response to Acute Stroke	The University of Texas Southwestern Stroke Conference, Dallas, TX
2011	EMS Professionalism	The Dallas Fire Rescue EMS Rookie Class, Dallas, TX
2011	The Creation of EMS as a Medical Subspecialty	The Texas College of Emergency Physicians EMS Medical Directors Conference, Arlington, TX
2011	Disaster Preparedness in Dallas	The Dallas Hadassah Women’s Association, Dallas, TX
2011	The Creation of a Regional System for Managing Heart Attack Patients	Texas Career Conference, Dallas, TX
2011	Psychiatric Emergencies	Emergency Medicine Residency Conference, Dallas, TX
2011	Advances in Trauma Resuscitation Science and Advances in Cardiopulmonary Resuscitation Science	Careflite Conference, Arlington, TX
2011	New Standards in Cardiopulmonary Resuscitation	Texas Society for Respiratory Care, Dallas, TX
2011	EMS and the Emergency Physician	Emergency Medicine Students Association, Dallas, TX
2011	Paramedics Should be Trained to Intubate in Cardiac Arrest, a debate with Corey Slovis	Gathering of Eagles, Dallas, TX
2011	A Review of Common Orthopedic Radiographs, Emergency Medicine Residency Conference	UT Southwestern Medical Center
2012	Bielamowicz J, Fowler RL, King R, Lippmann R. Patient Use of EMS Systems: An Urban Analysis. Presented at the annual student research competition	UT Southwestern Medical Center
2012	Evolving Strategies in Ventilation Management: An Eagles Perspective and Cardiac Arrest	The Texas State EMS Conference, Austin, TX

	Management in a Time of Rapidly Changing Science	
2012	Medical Sheltering: The Dallas Medical Operations Center Program	The Dallas Medical Operations Center Orientation Program, Dallas, TX
2012	Advances in Trauma Resuscitation	The Texas School Nurses Association, Dallas, TX
2012	EMS: A New Medical Subspecialty	The Dallas Fire Rescue New Recruits Orientation, Dallas, TX
2012	The Care of the Victim of Acute Stroke in the Field	The Doctor's Hospital Stroke Symposium, Dallas, TX
2012	The Past, Present, and Future of Cardiopulmonary Resuscitation	Baylor University Medical Center Emergency Nursing Conference, Dallas, TX
2012	The Next Ten Thousand, in the Think Big Conference	UT Southwestern Medical Center
2012	The Interpretation of Tachycardia	Emergency Medicine Residency Conference, Dallas, TX
2012	ECG Interpretation	Emergency Medicine Residency Conference, Dallas, TX
2012	Quality Management in EMS Systems	The UT Southwestern Emergency Medicine Residents Conference, Dallas, TX
2013	Data Management in EMS Systems	The Texas State EMS Conference, Fort Worth, TX
2013	Statistics in EMS Research	The Texas State EMS Conference, Fort Worth, TX
2013	What's New in Pediatric Cardiopulmonary Resuscitation	The Children's Hospital Department of Emergency Medicine, Dallas, TX
2013	The Interpretation of Electrocardiography	The Dallas Emergency Medicine Residency Conference, Dallas, TX
2013	The Interpretation of Electrocardiography	The Citizens Medical Center, Victoria, TX
2014	Electrocardiographic Cardiac Causes of Syncope	The Dallas Emergency Medicine Residency Conference, Dallas, TX
2014	Data Analysis in EMS Research	The Texas State EMS Conference, Fort Worth, TX
2014	The Newest of the New of Cardiopulmonary Resuscitation	The UT Southwestern Emergency Medicine Interest Group, Dallas, TX
2014	The Interpretation of Bradycardia	The Dallas Emergency Medicine Residency Conference, Dallas, TX
2014	BioTel Base Station Training Course	The Dallas Emergency Medicine Residency Conference, Dallas, TX

2014	The Interpretation of Tachycardia	The Dallas Emergency Medicine Residency Conference, Dallas, TX
2014	The Interpretation of Electrocardiography	The Dallas Emergency Medicine Residency Conference, Dallas, TX
2014	Challenges in the Prehospital Assessment of Acute Stroke	The Methodist Hospital Stroke Conference, Dallas, TX
2014	Roles and Responsibilities in Mass Care	The Texas Medical Reserve Core Coordinators, Dallas, TX
2014	A Potpourri of ECG Rhythms	The Dallas Emergency Medicine Residency Conference, Dallas, TX
2014	Drugs of Abuse in Prehospital Medicine	The Garland Fire Department, Garland, TX
2014	The Use of Backboards in Prehospital Spinal Immobilization	The Gathering of Eagles, Dallas, TX
2014	The Future of the Community Paramedic in Emergency Medical Services	The Texas Fire Chiefs Association, San Marcos, TX
2014	The Evaluation of Bradyarrhythmias	The Dallas Emergency Medicine Residency Conference, Dallas, TX
2014	The Future of EMS in the Fire Service	The Texas Association of Fire Educators, San Antonio, TX
2019	NAEMSP EMS Board Prep Course Faculty	Dallas, TX
2019 and 2021	NAEMSP Advanced EMS Medical Directors Course Lecturer	Dallas, TX
2021	Advanced cardiac life support for UT Southwestern Medical School	UT Southwestern Research Forum
2023	EMS Boards Online Preparation program (EMSboards.net)	www.EMSBoards.net
2023	www.EMSBoards.net, a curriculum on EMS and board certification preparation	www.EMSBoards.net

Service to the Community

Year(s)	Role	Organization or institution
2023	Member	EMS Eagles Global Alliance

Bibliography

Peer-Reviewed publications

Original Research Articles

1.	Fowler RL , Berg E. Knee synovectomies in moderately to severely involved rheumatoid knees: an alternative to implant arthroplasty. <i>Southern Med J</i> , 1977;70:181 – 3. doi: 10.1097/00007611-197702000-00022. PMID: 841397
2.	Werman HA, Nelson RN, Campbell JE, Fowler RL , Gandy P. Basic Trauma Life Support. <i>Ann Emerg Med</i> 1987 Nov; 16:1240 – 3. doi: 10.1016/s0196-0644(87)80231-7. PMID: 3662184
3.	Larkin G, Fowler RL . Ethical issues for EMS: cardinal virtues and core principles. <i>Emerg Clin North America</i> 2002 Nov; 20:887 – 911. doi: 10.1016/s0733-8627(02)00034-2. PMID: 12476886
4.	Fowler RL , Pepe P. Prehospital care of the patient with major trauma. <i>Emerg Clin North America</i> . 2002 Nov; 20:953 – 74. doi: 10.1016/s0733-8627(02)00038-x. PMID: 12476889
5.	Fowler RL . The new ABCs of AV block. A revised classification to remove the mental block from recognizing AV block. <i>JEMS</i> . 2002 Feb;27(2):24 – 34. PMID: 11858000
6.	Davis BD, Fowler RL , Kupas DF, Roppolo LP. Role of rapid sequence induction for intubation in the prehospital setting: helpful or harmful? <i>Curr Opin Crit Care</i> . 2002 Dec;8(6):571-7. doi: 10.1097/00075198-200212000-00015. PMID: 12454544
7.	Fowler RL , Pepe P. Fluid resuscitation in the patient with major trauma. <i>Curr Opin Anaesthesiol</i> . 2002 Apr;15(2):173 – 178. doi: 10.1097/00001503-200204000-00006. PMID: 17019198
8.	Pepe P, Fowler RL , Roppolo L, Wigginton J. Clinical review: Reappraising the concept of immediate defibrillatory attempts for out-of-hospital ventricular fibrillation. <i>Crit Care</i> 2004 Feb;8(1):41 – 5. doi: 10.1186/cc2379. PMID: 14975044
9.	Taigman M, Fowler RL . Who gets to ride? Deciding when it's appropriate not to transport patients to the ED. <i>JEMS</i> . 2004 May;29(5):46 – 8, 50, 52 – 5. PMID: 15148476
10.	Pepe P, Roppolo L, Fowler RL . The detrimental effects of ventilation during low-blood-flow states. <i>Curr Opin Crit Care</i> . 2005 Jun;11(3):212-218. doi: 10.1097/01.ccx.0000163650.80601.24. PMID: 15928468
11.	Fowler RL . King LT – D to the Rescue; a new rescue airway device. <i>J Emerg Med Svcs</i> , 2005;30:90 – 92
12.	Gordon D, Saussy J, Frascione R, Fowler RL , Racht E. Profiles in leadership. <i>JEMS</i> . 2005 Oct;30(10): suppl 29-33. PMID: 16382517
13.	Fowler RL . Prehospital Intraosseous Access: Elemental to the Field? <i>J Emerg Med Svcs (Web Journal 'Eye of the Eagle')</i> ; February 2006
14.	Fowler RL , Gallagher J, Isaacs M, Ossman, E, Pepe P, Wayne M. The role of intraosseous vascular access in the out-of-hospital environment (resource document to NAEMSP position statement). <i>Prehosp Emerg Care</i> , 2007 Jan-Mar;11(1):63 – 66. doi: 10.1080/10903120601021036. PMID: 17169880
15.	Fowler RL . Rhythm & clues: the evaluation & management of atrial rhythms. <i>JEMS</i> . 2007 May;32(5):86 – 102; quiz 104. doi: 10.1016/S0197-2510(07)72199-X. PMID: 17481438
16.	Eastman A, Rinnert K, Nemeth I, Fowler RL , Minei J. Alternate site surge capacity in times of public health disaster maintains trauma center and emergency department integrity: Hurricane Katrina. <i>J Trauma</i> 2007 Aug;63(2):253 – 7. doi: 10.1097/TA.0b013e3180d0a70e. PMID: 17693820

17.	Fowler RL , Wesley K. Nasal medications. A delivery method long overdue. <i>JEMS</i> . 2007 Oct;32(10): S33. PMID: 17982795
18.	Davis DP, Garberson LA, Andrusiek DL, Hostler D, Daya M, Pirrallo R, Craig A, Stephens S, Larsen J, Drum AF, Fowler R . A descriptive analysis of Emergency Medical Service Systems participating in the Resuscitation Outcomes Consortium (ROC) network. <i>Prehosp Emerg Care</i> . 2007 Oct-Dec;11(4):369-82. doi: 10.1080/10903120701537147. PMID: 17907019
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20.	Pepe P, Dutton R, and Fowler RL . Preoperative resuscitation of the trauma patient. <i>Curr Opin Anesthesiol</i> . 2008 Apr; 21(2):216-21. doi: 10.1097/ACO.0b013e3282f60a46. PMID: 18443492
21.	North C, King R, Fowler RL , Polatin P, Smith R, et al. Psychiatric Disorders among transported hurricane evacuees: Acute phase findings in a large receiving shelter site. <i>Psychiatric Annals</i> , January 2008; 38(2):104 – 113
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24.	Brywczynski J, McKinney J, Pepe PE, Eckstein M, Myers JB, Fowler RL , Slovis CM. Emergency medical services transport decisions in posttraumatic circulatory arrest: are national practices congruent? <i>J Trauma</i> . 2010 Nov;69(5):1154-9; discussion 1160. doi: 10.1097/TA.0b013e3181eda9aa. PMID: 21068619
25.	Stiell I, Idris A, Fowler RL , et al. Early Versus Late Rhythm Analysis in Patients with Out – of – Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , September 1, 2011; 365(9): 1 – 11
26.	Fowler RL , Lehrfeld D. Resuscitation roundtable: five EMS experts offer their views on critical topics. <i>JEMS</i> . 2011 Dec;36(12):38 – 42. doi: 10.1016/S0197-2510(11)70301-1. PMID: 22177867
27.	Wang HE, Szydlo D, Stouffer JA, Lin S, Carlson JN, Vaillancourt C, Sears G, Verbeek RP, Fowler RL , Idris AH, Koenig K, Christenson J, Minokadeh A, Brandt J, Rea T; ROC Investigators. Endotracheal intubation versus supraglottic airway insertion in out-of-hospital cardiac arrest. <i>Resuscitation</i> . 2012 Sep;83(9):1061 – 6. Epub 2012 Jun 1. PMID: 22664746
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29.	Cudnik MT, Fowler RL , et al. Increasing hospital volume is not associated with improved survival in out of hospital cardiac arrest of cardiac etiology. <i>Resuscitation</i> . 2012 Jul;83(7):862 – 868. doi: 10.1016/j.resuscitation.2012.02.006. PMID: 22353637
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32.	Fowler RL . From the field to the Emergency Department: Technology exists to transform patient assessment, but standardization and regulation are needed. <i>Journal of Emergency Medical Services (supplement)</i> . Jan 2014;24 – 26
33.	Fowler RL . CPR and beyond. How will IPR therapy impact the way we treat patients in the future? <i>JEMS</i> . 2014 Dec; Suppl:14-9. PMID: 25630170
34.	Pepe P, Roppolo L, Fowler RL . Prehospital endotracheal intubation: elemental or detrimental? <i>Crit Care</i> . 2015 Mar 16;19:121. doi: 10.1186/s13054 – 015 – 0808 – x. PMID: 25887350
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36.	North CS, King RV, Fowler RL et al. Delivery of mental health care in a large disaster shelter. <i>Disaster Medicine and Public Health Preparedness</i> 2015 May 26; doi: 10.1017/dmp.2015.63. PMID: 26008136
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39.	Cortez E, Cash C, Keseg D, Fowler RL . Strategies for the prehospital treatment of stable ventricular tachycardia. <i>Journey of Emergency Medical Services</i> . March 2016;48 – 51. PMID: 27120857
40.	White E, Cash C, Augustine JJ, Fowler RL . Tourniquets in the field management of active bleeding. <i>Journal of Emergency Medical Services</i> . 2016 April; 41(4):45 – 7. PMID: 27209827
41.	Debaty G, Lurie K, Metzger A, Lick M, Bartos JA, Rees JN, McKnite S, Puertas L, Pepe P, Fowler RL . Reperfusion injury protection during Basic Life Support improves circulation and survival outcomes in a porcine model of prolonged cardiac arrest. <i>Resuscitation</i> . May 2016;105:29 – 35. PMID: 27211835
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