

Mark E. A. Escott, MD, MPH, FACEP

Office of the Medical Director
City of Austin-Travis County
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Austin, TX 78741
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Education

University of Texas Health Science Center at Houston – School of Public Health 2005

Houston, Texas

Master of Public Health

Thesis Title: The Impact of a University Based First Responder Program with Early Defibrillation Capability on Strengthening the Chain of Survival for Sudden Cardiac Arrest.

Advisor: Arch I. Carson, MD, PhD

Flinders University School of Medicine 2003

Adelaide, Australia

Bachelor of Medicine and Bachelor of Surgery (MD Equivalent)

Rice University 1996

Houston, Texas

Bachelor of Arts, Religious Studies

Postdoctoral Training

Residency in Emergency Medicine (Chief Resident) 2005-2008

Penn State-MS Hershey Medical Center

Hershey, PA

Internship 2004

University of Adelaide

Adelaide, Australia

Academic and Leadership Appointments

Clinical Assistant Professor, Section of Emergency Medicine
Department of Surgery and Perioperative Medicine
University of Texas-Austin Dell Medical School
Austin, Texas

2017-
Present

Adjunct Senior Lecturer, School of Medicine
Faculty of Medicine , Nursing, and Health Sciences
Flinders University
Adelaide, Australia

2016-
Present

Assistant Professor
Department of Emergency Medicine
Baylor College of Medicine
Houston, Texas

2010-2017

Assistant Professor
Department of Emergency Medicine
Pennsylvania State University School of Medicine
Hershey, Pennsylvania

2008-2010

Instructor
Masters of Homeland Security Program
Pennsylvania State University
State College, Pennsylvania

2008-2010

Adjunct Faculty
Department of Human Performance and Health Sciences
Rice University
Houston, Texas

1998-1999

Other Relevant Employment and Clinical Activities

Medical Director City of Austin-Travis County EMS System Austin, Texas	2016- Present
Medical Director/Tactical Physician Texas Department of Public Safety/Texas Division of Emergency Management Austin, Texas	2016- Present
Archangel Enterprises, LLC Founder and CEO Magnolia, Texas	2014- Present
Staff Physician America's ER Magnolia, Texas	2014- 2017
Staff Physician First Choice ER Houston, Texas	2012- 2017
Expert Panelist (EM/EMS) Texas Medical Board	
Attending Physician Ben Taub General Hospital Houston, Texas	2010- 2017
Associate Medical Director Harris County Emergency Services District #48 Katy, TX	2010- 2016
Public Health Authority Montgomery County Public Health District Montgomery County, Texas	2015- 2016

Deputy Public Health Authority Montgomery County Public Health District Montgomery County, Texas	2014 2012- 2014
Medical Director Montgomery County Hospital District EMS Conroe, Texas	2012- 2015
Associate Medical Director/Tactical Physician Cypress Creek EMS Houston, Texas	2010- 2013
Medical Director Rice University EMS Houston, Texas	2010- 2016
Staff Physician Penn State-MS Hershey Medical Center Hershey, Pennsylvania	2008- 2010
Medical Director/ Tactical Physician Dauphin County Crisis Response Team (SWAT) Harrisburg, Pennsylvania	2008- 2010
Medical Director EMS Special Operations Penn State-LifeLion EMS Hershey, Pennsylvania	2008- 2010
Founder/ EMS Director Rice University Houston, Texas	1996- 1999
Lieutenant/ Medical Officer/ Firefighter/ Board of Directors Champions Area Fire Department Houston, Texas	1993- 1999

Paramedic/ EMT-I/ EMT/ First Responder Coordinator	
Cypress Creek EMS	1991-
Houston Texas	1999

Honors and Awards

National Volunteer Service of the Year (Rice University EMS)	2014
National Association of EMTs	

Public EMS Service of the Year (MCHD EMS)	2013
Texas Department of State Health Services	

First Responder Service of the Year (The Woodlands Fire Department)	2013
Texas Department of State Health Services	

Fellow	
American Board of Emergency Medicine	2009-
Board Certified-Emergency Medicine (2009)	Present
Subspecialty Board Certified- EMS (2013)	

Fellow	
American Academy of Emergency Medicine	2008-
	Present

Professor Jim Holliman Resident Teaching Award	2008
Department of Emergency Medicine	

Penn State School of Medicine

Best Resident Presentation 2004
Society for Academic Emergency Medicine-Mid-Atlantic Meeting

Paediatrics Clinical Prize 2003
Flinders University School of Medicine

Award for Community Service (Foundation of Rice University EMS) 1996
Vice President for Student Affairs
Rice University

Professional Memberships and Activities with Leadership Positions

American College of Emergency Physicians 2009-
Present
Chair, Section of EMS and Prehospital Medicine (2017-Present)
Member, EMS Committee (2013-2017)
Chair-elect, Section of EMS and Prehospital Medicine (2015-2017)
Secretary, Section of EMS and Prehospital Medicine (2013-2015)
Newsletter Editor, Section of EMS and Prehospital Medicine (2010-2013) 2016-
Present
National Association of EMS Physicians
Member, Public Health Committee 2016-
Present
Travis County Medical Society
ED/EMS Advisory Committee 2010-
Present
Texas College of Emergency Physicians
Co-Chair, EMS Medical Directors Seminar 2011

Educational Activities

Educational Administration and Leadership

Director-Division of EMS and Disaster Medicine and EMS Fellowship 2014-2016
Department of Emergency Medicine
Baylor College of Medicine

Co-Director-Division of EMS and Disaster Medicine 2012-2014
Department of Emergency Medicine
Baylor College of Medicine

Assistant Director-Division of EMS and Disaster Medicine 2010-2012

Department of Emergency Medicine
Baylor College of Medicine

Founder/Director-EMS Collaborative Research Group 2010-2016
Department of Emergency Medicine
Baylor College of Medicine

Emergency Department Interdisciplinary Council 2008-2010
Penn State- MS Hershey Medical Center
Penn State Department of Emergency Medicine

Admissions Committee 2008-2010
Master's of Homeland Security Program
Penn State University

EMS Leadership Committee 2008-2010
Penn State- LifeLion EMS
Penn State Department of Emergency Medicine

Teaching Activities

Critical Infrastructure Protection of Health Care Delivery Systems

2008-2010

Instructor

PHP 530 (3 credit hours)

Masters of Homeland Security Program

Pennsylvania State University

Live Tissue Trauma Lab

2012-2015

Baylor College of Medicine

Curriculum Co-Developer/ Lead Faculty

Paramedics/ Houston Police, Texas Rangers, and Federal SWAT Team
Paramedics/

Basic Tactical Officer's Medical Course

2011-2015

Baylor College of Medicine/Cypress Creek EMS

Medical Director/ Course Faculty

Emergency First Responder Course

2013

United States Embassy-Panama

Curriculum Co-Developer/Course Medical Director/Lead Instructor

Rice University

Evaluation and Management of Altered Mental Status

2012

EMS Program

Rice University

Cardiac Arrest Resuscitation Updates 2012

2012

Baylor College of Medicine Emergency Medicine Residency Program

EMS Medical Direction Course (Base Station)

2011

Baylor College of Medicine Emergency Medicine Residency Program

Evaluation of Abdominal Pain in the ED

2011

Baylor College of Medicine Emergency Medicine Residency Program

Orthopedic Trauma: Assessment and Management

2011

EMS Program

Rice University

Approach to Patient Assessment

2011

EMS Program

Rice University

Pediatric Emergencies

2011

EMS Program

Rice University

Trauma Resuscitation

2010

EMS Program

Rice University

Emergency Department Capnography 101

2010

Baylor College of Medicine Emergency Medicine Residency Program

Introduction to Tactical EMS

2010

Baylor College of Medicine Emergency Medicine Residency Program

Penetrating Trauma and Ballistics

2009

Penn State Emergency Medicine Residency Program

Crisis Resource Management

2009

Penn State-MS Hershey Medical Center

Patient Simulation Lab

Simulation Instructor Course

2009

Department of Anesthesia

Penn State-MS Hershey Medical Center

Course Faculty

EMS Spinal Immobilization

2009

Penn State LifeLion EMS

Advising and Mentoring**Students**

Rice University Undergraduate Students Students involved in EMS Program Medical Director	2010- Present
University of Texas at Austin Students involved in the Longhorn EMS Program Advisor	2016- Present
Baylor College of Medicine Emergency Medicine Interest Group Mentor	2010-2016
Milton S. Hershey School Health Occupations Program Advisor/ Mentor	2008-2010

Residents and Fellows

Baylor College of Medicine Emergency Medicine Residents EMS Rotation Director EMS Fellowship Director	2010-2016
Penn State College of Medicine Emergency Medicine Residents EMS Rotation Director	2008-2010

Faculty

Baylor College of Medicine Emergency Medicine Residency Program	2010- Present
Penn State Emergency Medicine Emergency Medicine Residency Program	2008-2010

Other Active Research Activities and Clinical and Quality Improvement Projects

Publications

Peer-reviewed publications

1. Escott MEA, Owen H, Strahan AD, Plummer JL. Cricoid Pressure Training: How Useful are Descriptions of Force? *Anaesth Intensive Care* 2003;31(4):388-91.

Books & Chapters

1. Escott MEA. The National Response Framework. Kapur GB, Smith JP ed. *Emergency Public Health*. Jones & Bartlett Learning 2010
2. Escott MEA, Kass LE. Incorporating Simulation into Graduate (Resident) Medical Education with Special Reference to the Emergency Department. In: Kyle R, Murray B ed. *Clinical Simulation: Operations, Engineering, and Management*. Elsevier Publishing 2008;127-33

Non-peer-reviewed publications

1. Escott MEA. Clinical Errors: Identifying and learning from mistakes in patient care. *JEMS*. 2017 May;42(5):62-3.
2. Escott MEA. Brain Drain: Provide more growth opportunities for paramedics. *JEMS*. 2017 Mar;42(3):66.
3. Escott MEA, Bank EA, Mehkri FM, Monroe BJ. Blood Therapy: Considerations for using blood products for prehospital trauma patients. *JEMS* 2017 Mar;42(3):47-51,67.
4. Escott MEA. Essential Ingredients: Plant the Seeds of Leadership for a Stronger EMS Industry. *JEMS*. 2017;42(1): 66
5. Escott MEA. Less Traveled: ATCEMS Chooses New Path to Fight Worker Fatigue. *JEMS*. 2016 Nov; 41(11):63
6. Escott ME. Healthcare Anxiety: Educate the public on when to call 9-1-1. *JEMS*. 2016 Sep;41(9):66
7. Escott ME. Out on a Limb: Establish clear protocols for field amputations. *JEMS*. 2016 Aug;41(7):18-9
8. Escott MEA. Fighting Futility: Traumatic cardiac arrest survivability is possible. *JEMS*. 2016 Jul;41(5):63
9. Escott ME. ALL THAT GLITTERS. *JEMS*. 2016 Mar;41(5):63
10. Escott ME. DOWN UNDER. Street doc shed light on EMS culture in Australia. *JEMS*.

2016;41(3):66

11. Escott ME. Carrying the Weight. JEMS. 2016 Jan;41(1):65-66
12. Escott ME. Free at Last: Freestanding EDs Offer Alternative Patient Destinations. JEMS. 2015 Dec;40(12):66
13. Escott ME. Appreciate Fallibility: Talented Paramedics Shouldn't be Fired for Making Mistakes. JEMS. 2015 Nov;40(11):63
14. Escott ME. Staying Informed: Help Clinicians Take Control of the Self-Directed Learning Process. JEMS. 2015 Oct;40(10):64
15. Escott ME. Shorter Shifts. JEMS. 2015 Sep;40(9):63
16. Escott ME. Walking Among the Facts: Knowledge without Application is Meaningless. JEMS Aug. 2015;40(8):62
17. Escott ME. Quantifying Directors: How Much Medical Direction Do We Need? JEMS. 2015 Jul;40(7):70
18. Escott ME. Maintaining Credentials: Staying Proficient in Clinical Decision-Making and Skills. JEMS.2015 Jun;40(6):64
19. Escott ME: Collaborative Data. JEMS. 2015 May;40(5):66
20. Persse D, Escott ME. Closing the Gap: The Intersection of EMS and Public Health. JEMS. 2015 Apr; 40(4):62
21. Escott ME. Educate EMS Providers the Same Way We Train Physicians. JEMS. 2015 Mar;40(3):xx
22. Escott ME. EMS Physicians Must Promote Greater Expectations for Paramedics. JEMS. 2015 Feb;40(2):xx
23. Escott ME: EMS Subspecialty Creates an Opportunity to Change the Role of the Paramedic. JEMS. 2015 40(1):xx
24. Escott MEA, Gleisberg GR, Gillum LS, et al. Seeing the difference: Deploying the video laryngoscope into ground EMS system. JEMS. 2014; 39(8): 34-9.
25. Escott MEA, Gleisberg GR, Kimmel K, Karrer A, Cospers J, Monroe BJ. Simple thoracostomy: Moving beyond needle decompression in traumatic cardiac arrest. JEMS. 2014; 39(4): 26-32.
26. Monroe BJ, Richenberger E, Gleisberg, Horning J, Escott ME. Using video laryngoscope for foreign body airway obstruction. JEMS. 2013; 38(12): 26-7.

Editorial Responsibilities

Journal of EMS, Member-Editorial Board

2016-Present

Invited Presentations, Posters & Abstracts**International**

Escott MEA, Gleisberg GR, Manson HC, Traynor K, Monroe BJ, Gonzalez MG. 2013
Video vs. Direct Laryngoscopy: The First 100 Day Run-In Period for EMS.
Presented at the Australasian College for Emergency Medicine 30th Scientific Meeting. Adelaide, Australia. November 2013.

Escott M, Strahan A, Owen H, Plummer J. 2002
Are Current Guidelines on Learning How to Apply Cricoid Pressure Useful? *Anaesth Intensive Care* 2003; 31:116.
Presented at the 61st National Scientific Congress, Australian Society of Anaesthetists, October 26-30, 2002.)

National

Escott MEA. Simple Thoracostomy. EMS Today Conference and Expo 2017. 2017
Salt Lake City, UT. Presented February 24, 2017.

Escott MEA. Is it the Holy Grail or Not: The Case Against Ketamine. EMS 2017
Today Conference and Expo 2017. Salt Lake City, UT. Presented February 24, 2017.

Escott MEA. Airway Care at the Next Level. EMS Today Conference and Expo 2017
2017. Salt Lake City, UT. Presented February 24, 2017.

Escott MEA. New Hope in Trauma Resuscitation and Traumatic Cardiac 2017
Arrest. EMS Today Conference and Expo 2017. Salt Lake City, UT. Presented February 23, 2017.

Escott MEA. Synthetic Cannabinoids. 9-1-1 Summit. Boston, MA. May 2016 2016

Escott MEA. EMS The Subspecialty: Implications for EMS Practice. National 2015
Collegiate EMS Foundation Annual Conference. Baltimore, MD 2015.

Escott MEA. Advanced Airway Management: An Evidence Based Approach. 2015
National Collegiate EMS Foundation Annual Conference. Baltimore, MD 2015.

Escott MEA, Gleisberg GR, Crocker K, Cospser J, Decker C, Baylor College of 2015
Medicine / EMS Collaborative Research Group. One EMS system's approach to implementing simple thoracostomy in prehospital care. Poster presented at: NAEMSP; January 22-24, 2015; New Orleans, Louisiana.

- Escott MEA, Gleisberg GR, Crocker K, Cospers J, Decker C, Baylor College of Medicine / EMS Collaborative Research Group. One EMS system's approach to implementing simple thoracostomy in prehospital care. Poster presented at: Special Operations Medical Association Scientific Assembly; December 8-11, 2014; Tampa, Florida. 2014
- Escott MEA, Gleisberg GR, Crocker K, Cospers J, Decker C, Baylor College of Medicine / EMS Collaborative Research Group. QuikClot for prehospital hemorrhage control: Case series. Poster presented at: Special Operations Medical Association Scientific Assembly; December 8-11, 2014; Tampa, Florida. 2014
- Escott MEA, Case CM, Gillum LS, Cospers JL, Gleisberg GR, Monroe BJ. Paramedic selection process: One systems review of a novel vetting technique. Paper presented at: Society for Academic Emergency Medicine; May 13-17, 2014; Dallas, Texas 2014
- Escott MEA. Hemodynamic Changes in Patients Receiving Ketamine Sedation by Emergency Medical Services. Society for Academic Emergency Medicine Annual Meeting. Chicago, Illinois 2012 2012
- Escott MEA. Adverse Effects Following Prehospital Use of Ketamine by Paramedics. Society for Academic Emergency Medicine Annual Meeting. Chicago, Illinois 2012 2012
- Escott MEA. Expert Panel: Hot Topics in EMS. National Collegiate EMS Conference. Baltimore, Maryland 2012. 2012
- Escott MEA. From Good To Great: Growing a Collegiate EMS Service. Presented at the National Collegiate EMS Conference. Baltimore, Maryland 2012. 2012
- Escott MEA. Evaluation and Disposition of the Intoxicated Patient 2011. Presented at the National Collegiate EM Conference. Philadelphia, Pennsylvania 2011. 2011
- Escott MEA. From Coeds to Augmented Reality: Improving the Chain of Survival from Sudden Cardiac Arrest. Presented at the American College of Emergency Physicians 2011 Scientific Assembly. Las Vegas, Nevada 2011 2011
- Escott MEA. Evaluation and Disposition of the Intoxicated Patient. Presented at the National Collegiate EMS Conference. Baltimore, Maryland. 2010 2010

Regional

- Escott MEA. Updates in Hemorrhage Control, Trauma Resuscitation, and Traumatic Cardiac Arrest. Harris Health Circle of Survivors Conference. Houston, TX. May 2015 2015
- Escott MEA, Gleisberg GR, Crocker KJ, Frost MH, Crocker RJ, Dendy CF, Scott BG. Door In / Door Out: Shrinking the Delta for Definitive Trauma Care. Presented by Rebecca Crocker at the Texas Trauma Coordinators Forum 2015 2015
- Escott MEA. Update on Trauma Resuscitation: Permissive Hypotension and 1:1:1. Conroe Regional Medical Center Trauma Symposium. Conroe, TX. April 2015 2015
- Escott MEA, Case CM, Gillum LS, Cospser JL, Gleisberg GR, Monroe BJ. Paramedic selection process: One systems review of a novel vetting technique. Paper presented at: Texas EMS Conference; November 24-27, 2013; Fort Worth, Texas. Rushing MR, Karrer A, Gleisberg GR, Gillum LS, Case CM, Escott MEA. One system's approach to implementing community paramedicine. Poster presented at: University of North Texas Health Science Center Public Health Fair; April 15, 2014; Fort Worth, Texas 2014
- Escott MEA, Gleisberg GR, Traynor K, Gonzalez MG, Monroe BJ, Baylor College of Medicine / EMS Collaborative Research Group. Video vs. direct laryngoscopy: Multi-site review of the four month run-in period by paramedics. Paper presented at: Texas EMS Conference; November 24-27, 2013; Fort Worth, Texas. 2014
- Escott MEA, Gleisberg GR, Traynor K, Gonzalez MG, Monroe BJ, Baylor College of Medicine / EMS Collaborative Research Group. Video vs. direct laryngoscopy: Multi-site review of the four month run-in period by paramedics. Paper presented at: Texas EMS Conference; November 24-27, 2013; Fort Worth, Texas. 2013
- Escott MEA, Gleisberg GR, Traynor K, et al. Video vs. direct laryngoscopy: Assessment of the first 100 day run-in period for EMS. Paper presented at: Texas EMS Conference; November 24-27, 2013; Fort Worth, Texas. 2013
- Gonzalez MG, Gleisberg GR, Traynor K, Escott MEA, Baylor College of Medicine / EMS Collaborative Research Group. Evaluation of the kingvision video laryngoscope in paramedics using levitan airway trainers. Paper presented at: Texas EMS Conference; November 24-27, 2013; Fort Worth, Texas. 2013

	2013
Escott MEA. Advanced Airway Management, An Evidence-Based Approach. Southeast Texas Regional Advisory Council Cardiac and Respiratory Symposium 2013-2015 (Multiple sessions)	
	2012
Escott MEA. EMS The Subspecialty: What does it mean for EMS. Texas EMS Conference/TCEP Medical Directors Seminar. Austin, TX 2012.	
	2011
Escott MEA, Nemeth I. EMS Updates 2011. Presented at the Texas Medical Association TEXMED 2011 Conference. Houston, Texas 2011.	
	2011
Escott MEA. EMS Research Updates 2011. Presented at the Texas College of Emergency Physicians EMS Medical Directors Seminar. Arlington, Texas 2011	
	2005
Escott MEA. The Impact of a University Based First Responder Program with Early Defibrillation Capability on Strengthening The Chain of Survival for Sudden Cardiac Arrest. Presented at the Mid-Atlantic Regional Meeting of the Society for Academic Emergency Medicine. Georgetown University Medical Center. 2005.	
Community Service	
The Legion of St. Michael, Founder/ President, Board of Directors	2014-Present
Montgomery County Homeless Coalition, Board of Directors	2015-2016
Magnolia Parkway Chamber of Commerce, Board of Directors	2014-2016
The Knights of Columbus	2012-Present