

Walter Lubbers
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EDUCATION

MD, University of Cincinnati College of Medicine, May 2010

BS, Biomedical Engineering, magna cum laude, University of Cincinnati, June 2006

POST-GRADUATE TRAINING

Fellowship: EMS/ Prehospital Medicine, University of Cincinnati Department of Emergency Medicine, July 2013- June 2014

Residency: Emergency Medicine, University of Kentucky Department of Emergency Medicine, July 2010- June 2013

LICENSES

Kentucky Board of Medical Licensure: License 47261 (exp 3/1/2019)

State Medical Board of Ohio: License 35.121167 (exp 7/1/2020)

US DEA Registration

CERTIFICATIONS

Board Certification in Emergency Medicine, American Board of Emergency Medicine (2014)

Subspecialty Board Certification in EMS, American Board of Emergency Medicine (2015)

ICS 100, 200, 300, 700 certification

EMPLOYMENT

University of Cincinnati Department of Emergency Medicine: Assistant Professor of Emergency Medicine, Attending Physician (February 2019)

- Attending physician in the Department of Emergency Medicine
- Academic interest in the Division of EMS in the department, specifically in EMS education and simulation

University of Kentucky Medicine Department of Emergency Medicine: Assistant Professor of Emergency Medicine, Attending Physician (July 2014-January 2019)

- Attending physician in Department of Emergency Medicine -Medical Director for EMS
- EM Simulation Director
- Resident EMS rotation director

- Developed UK MS III EMS workshop
- Developed resident assistant medical director program, UK Regional EMS Communication Center, UK EMS Grand Rounds programs
- Institutional Committees: Enterprise Resuscitation Committee Co-Chair, UK SORT team, Emergency Management Committee, Trauma Multi-Casualty Preparedness Taskforce Co-Chair
- Creator: *Beyond ACLS* multidisciplinary resuscitation education program

Owen County EMS: Medical Director (April 2016) -Rural ALS service

- Medical direction for ALS service, Training and Educational Institute, EMT-B program

City of Frankfort KY Fire/ EMS and Dispatch Center: Medical Director (January 2015)

- Urban/ Suburban/ Rural ALS service
- Medical direction for ALS service, Frankfort/Franklin County Dispatch Center and AED program, and Tactical Response Unit

Franklin County KY Fire: Medical Director (January 2015)

- Rural BLS-level medical responder, partner with City of Frankfort -Responsible for CQI, education, and protocol development

Powell County KY Ambulance Service: Medical Director (February 2015) -Rural ALS service

- Responsible for development of QA/ QI program, education program, protocol revision

University of Cincinnati College of Medicine Department of Emergency Medicine: Instructor of Emergency Medicine (2013- 2014)

- Active in resident and medical student education in emergency medicine and EMS
- Includes appointment as EMS physician for Cincinnati Fire and EMS under the Office of the Medical Director

- Includes appointment as Colerain Township Fire and EMS Assistant Medical Director, active in paramedic and EMT education as well as CQI, and policy and program development in a suburban setting

- Assistant medical director, TQL Urban Race

- Through the Special Operations Institute, was active in local and regional EMS education, regional EMS operations, events/ mass gathering medicine, TCCC, and USAR

Assistant Medical Director, Colerain Township Fire/ EMS

- Developed annual skills day curriculum

- EMS continuing education

UC Air Care and Mobile Care: Flight Physician (2013- 2014)

- Flight physician in UC's aeromedical and critical care transport service -responsible for direct patient care in prehospital and interfacility transport -active in CQI and safety programs

UC Physicians: Attending Physician (2013-2014)

- Attending physician at West Chester Hospital ED, a suburban community hospital

HIV Early Intervention Program, University Hospital: EIP counselor (2006-2007)

- screened patients in the hospital emergency department to assess HIV risk and appropriateness for HIV testing

- obtained consent and interviewed patients for social, sexual, and medical risk

factors for HIV exposure

- provided counseling on risk reduction, safer sex practices, and recommendations for repeat HIV testing and provided referrals for

community based social services

- performed peripheral blood draws and ensured proper preparation and transport of specimens for serological HIV testing

BOARDS, COMMITTEES AND COMMUNITY INVOLVEMENT

Board Member, Kentucky Board of EMS

Chair, Kentucky Board of EMS Community Paramedicine/ Mobile Integrated Healthcare Subcommittee

Chair, Kentucky Board of EMS Medical Oversight Committee

State Medical Director, International Trauma Life Support KY Chapter Director, EMS Grand Rounds Statewide Education Program

Director, Central Kentucky Trauma Preparedness Drill

Co-Chair, UK Healthcare Enterprise Resuscitation Committee

Co-Chair, UK Healthcare Multi Trauma Response Task Force

Member, UK Healthcare Emergency Management Committee

Ex-officio board member, Kentucky Wilderness Medicine Subcommittee Board of Directors, REDSTAR Austere Medicine Foundation

Member, American College of Emergency Physicians/ KACEP

Board of Directors, Kentucky ACEP (2015-2017)

RESEARCH EXPERIENCE

2005- 2006: University of Cincinnati Department of Biomedical Engineering "Development of a Novel System of Intubation"

-developed novel means of intubation via an oropharyngeal introducer system for use by less-than-expert intubators, performed initial computer modeling and development of prototype introducer system, developed and improved fiberoptic visualization system for the introducer system, performed initial mannequin and cadaver testing of the system.

2003-2006: Research Assistant/ Co-op, Division of Cardiothoracic Surgery, Cincinnati Children's Hospital Medical Center: Dr. Pirooz Eghtesady.

"Developing an Animal Model of Hypoplastic Left Syndrome,"

"Selection of the Optimal Inotrope for use in Fetal Cardiac Surgery," "Development of a Low Prime Volume System for Fetal Cardiopulmonary Bypass"

"Natriuretic Peptide Response in Fetal Cardiac Lesions,

"Streptococcal infection as a Etiologic Factor for Congenital Heart Defects"

- developed novel technique for collection and analysis of peptides in fetal se-

rum and amniotic fluid, established electronic record for cataloging of experimental fetal surgery and biochemical data, established database of neonates with congenital heart disease in the CCHMC service area using hospital medical archive and county health department data, assisted in all experimental animal surgeries, statistical analysis, manuscript preparation, grant and IRB proposal preparation

PUBLICATIONS

Lubbers W. A Real Life Cricothyrotomy Trainer. *Western Journal of Emergency Medicine*. Vol. XVII. Supplement: S44. August 2016.

Lubbers W, Adkins B. A Novel Approach to Medical Student EMS Education. *Western Journal of Emergency Medicine*. Vol. XVII. Supplement: S40-S41. August 2016.

Lubbers WC, Hinckley WR. Therapeutic Hypothermia, Automated Chest Compressions, and Death Notification. *Air Medical Journal*. 2014 Mar; 33(2):61-63.

Academy of Medicine of Cincinnati Southwest Ohio EMS Protocols: Opiate Overdose Treatment Protocol. 2013 Jan.

Lubbers WC, Belt N, Jarman A, Bowers RC. Epidemiology of Serious Hunting Accidents in Kentucky. *In Review*. 2012

Heeb EA, Baker RS, Lam C, Basu M, Lubbers W, Duffy JY, Eghtesady P. Role of natriuretic peptides in cGMP production in fetal cardiac bypass. *Ann Thorac Surg*. 2009 Mar;87(3):841-7.

Lubbers WC, Eghtesady P. Fetal aortic stenosis and changes in amniotic fluid natriuretic peptides. *Am J Obstet Gynecol*. 2007 Mar;196(3):253.e1-6.

Lubbers W, Burman D, Baker S, Eghtesady P. Prognostic Value of Amniotic Fluid Brain Natriuretic Peptide (BNP) in Fetal Aortic Stenosis. *American Journal of Obstetrics & Gynecology*. 2006 Dec; 195 Supplement 6:S22.

Baker, S; Lam C, Lubbers W, Clark K, Eghtesady P. Dobutamine is the Optimal Inotrope for the Fetus. *American Journal of Obstetrics & Gynecology*. 2006 Dec; 195 Supplement 6:S196;.

Lam C, Baker RS, Lubbers WC, Spezzano LC, Teuschler C, McNamara JL, Ferguson RE, Gardner A, Lombardi JP, Clark KE, Eghtesady P. Abstract 2797: Role of Nitric Oxide in Placental Dysfunction Following Fetal Cardiopulmonary Bypass. *Circulation*. 114: II_585-c

Lombardi J, Sedgwick J, Schenbeck J, Lubbers W, Ferguson RE, Gardner A, McNamara JL, Eghtesady P. Cardiopulmonary bypass in the immature fetus through novel use of a mini-centrifugal pump. *Perfusion*. 2006 May;21(3):185-91

Lubbers WC, Baker RS, Sedgwick JA, Lam CT, Schenbeck JL, McNamara JL, Ferguson RE, Lombardi J, Gardner A, Clark KE, Eghtesady P. Vacuum-assisted venous drainage during fetal cardiopulmonary bypass. *ASAIO J*. 2005 Sep-Oct;51(5):644-8.

BOOK CHAPTERS

Lubbers, W. "Emergency Procedures". *CURRENT Diagnosis and Treatment Emergency Medicine, 7th Edition*. New York: McGraw-Hill Companies, 2017.

CONFERENCE CHAIR

Co-chair, AHA Strive to Revive Resuscitation Conference, Lexington, KY. March 2019

REGIONAL/ NATIONAL PRESENTATIONS (*National Presentation)

Lubbers WC. "New Strategies for Resuscitation." AHA Strive To Revive Conference, Lexington, KY. March 2019.

Lubbers WC. "You can do it better: How We're Messing Up Chest Compressions." AHA Strive to Revive Conference, Lexington, KY. March 2019.

Lubbers WC. "The Most Dangerous 10 Minutes in Life: Post ROSC Care." Lake Cumberland Hospital Regional Hospital EMS Symposium, Corbin, KY. November 2018.

Lubbers WC. "The Other 30%: Psychiatric Emergencies in EMS." Phi ROCCs Education Event, Morehead, KY. November 2018.

Lubbers WC. "Seattle Dreamin': High Performance CPR in Kentucky." Lake Cumberland Regional Healthcare Symposium. Jackson, KY, August 2018.

* Lubbers WC. "Getting High Down on the Farm: America's Rural Opioid Challenges." AAEM Scientific Assembly. San Diego, CA, April 2018.

Lubbers WC. "Taking the Team to the Next Level." AHA Strive to Revive Symposium. Lexington, KY, September 2017.

Lubbers WC. "Training Your Code Blue Team: What Really Works." AHA Strive to Revive Symposium. Lexington, KY, September 2017.

Lubbers WC. "Making the Vent Work for You in the Back of an Ambulance." Lake Cumberland Regional Healthcare Symposium. Jackson, KY, August 2017.

Lubbers WC. "High Performance CPR: Optimizing What You Already Know." Montgomery County Cardiac Arrest Conference. Mt. Sterling, KY. September 2017.

Lubbers WC. "Ventilator Management in the Prehospital Setting." Daniel Boone Fire School. Morehead, KY, May 2017.

* Lubbers WC. "Starting Suboxone or Naloxone from the ED." AAEM Scientific Assembly. Orlando, FL, March 2017.

* Lubbers WC. "I'm Withdrawing and I want to Kill Myself: Managing Withdrawal from the ED." AAEM Scientific Assembly. Orlando, FL, March 2017.

Lubbers WC. "Traumatic Arrest: we're doing it wrong." Kentucky EMS Grand Rounds. Lexington, KY, November 2016.

Lubbers WC. "Naloxone: An Illustrated EMS Love Story." Kentucky EMS Grand Rounds, Lexington, KY, October 2016.

Lubbers WC. "Prehospital Ultrasound." KY Statewide EMS Conference, Lexington, KY, September 2016.

Lubbers WC. "Why we make mistakes in EMS." Lake Cumberland Healthcare Symposium, Stanford, KY, August 2016.

Lubbers WC. "Your Mom Deserves Better than ACLS." KY ENA Annual Meeting, Louisville, KY, August 2016.

Lubbers WC. "Dinosaurs, Hippos, and the end of Spinal Immobilization in Kentucky." Daniel Boone Fire School Regional Meeting, Morehead, KY, May 2016.

* Lubbers WC. "Take Home Naloxone: We're Saving Lives Here." AAEM Scientific Assembly, Las Vegas, NV, February 2016.

* Lubbers WC. "A new Paradigm for Alcohol Withdrawal Treatment." AAEM Scientific Assembly, Las Vegas, NV, February 2016.

Lubbers WC. "Is there a doctor PA on board? In-flight emergencies." Kentucky Association of Physician Assistants Symposium, Lexington, KY, November 2015.

Lubbers WC. "The New Paradigm of Spinal Immobilization." PHi State All-Hands Meeting, Lexington, KY, September 2015.

Lubbers WC. "Dinosaurs, Hippos, and the end of Spinal Immobilization in Kentucky." Lake Cumberland Healthcare Symposium, Jamestown, KY, August 2015.

Lubbers WC. "Prehospital Resuscitation: What Does the Evidence Say?" UK/ AHA Strive to Revive Conference, Lexington, KY, June 2014.

Lubbers WC. "Wilderness medicine: Overcoming the Myth of Spinal Immobilization." Rural Healthcare Training Weekend, Stanford, KY, May 2015.

Lubbers WC. "Death of the Long Spine Board." Kentucky Statewide Trauma Symposium, Lexington, KY, October 2014.

Lubbers WC. "Eye Trauma for EMS." Lake Cumberland EMS Conference, Jamestown, KY, August 2014.

Lubbers WC. "After Life After Arrest: Updates in Resuscitation." Scott Co EMS Spring Conference, Georgetown, KY, April 2014.

Lubbers WC. "Treatment of TBI in the Aeromedical Setting." Bridges Northern Kentucky TBI Conference, Covington, KY April 2014.

Lubbers WC. "Eye Trauma In (and out) of the Hospital." Kentucky Statewide Trauma Symposium, Lexington, KY, October 2012.

Lubbers WC. "E³: Eye Emergencies for EMS." Natural Bridge EMS Health Symposium, Slade, KY, June 2012.

Lubbers WC. "Eye Trauma." Scott County EMS Spring Conference, Georgetown, KY, April 2012.

Lubbers WC, Baker RS, Sedgwick JA, Lam CT, Schenbeck JL, McNamara JL, Ferguson RE, Lombardi J, Gardner A, Clark KE, Eghtesady P. "Vacuum-assisted venous drainage during fetal cardiopulmonary bypass." First International Conference on Pediatric Mechanical Circulatory Support Systems and Pediatric Cardiopulmonary Perfusion, Hershey, PA, May 2005.

POSTER PRESENTATIONS

Liu Y, Lubbers W. "The Cost of Prehospital Notification: Provider Time Lost in Anticipation of Trauma Patient Arrival." AAEM Scientific Assembly. San Diego, CA, April 2018.

Lubbers W. "A Real Life Cricothyrotomy Trainer." CORD Academic Assembly. Nashville, TN, March 2016.

Lubbers W, Adkins B. "A Novel Approach to Medical Student EMS Education." CORD Academic Assembly. Nashville, TN, March 2016.

Lommel K, Lubbers W. "I Have Blisters on My Bottom." AAEM Scientific Assembly. Las Vegas, NV, February 2016.

Lubbers W, Bowers R. "The Epidemiology of Hunting Injuries in Kentucky." SAEM Midwest Meeting. Columbus, OH, October 2012.

AWARDS AND HONORS

Chief's Commendation for Meritorious Service, Frankfort Fire and EMS, 2017 Medical Director of the Year, East Region, Kentucky Ambulance Providers Association 2016
University of Kentucky EM residency

Highest Class In-Service Exam Score (2012)

UK Chandler Hospital/ VA Hospital Resident of the Month (June 2013) Emergency Medicine Resident of the Year (2013)

UC College of Medicine: Eric Steichen Memorial Award University of Cincinnati

Degree with Honors, Lower Division Dean's List 2001-2006

Herman Schneider Scholarship Horan Scholarship

James Century Scholarship

Stephen Pollard Health Professions Scholarship Roy A Colclaser Award

Colonel, Honorable Order of Kentucky Colonels