

**LISA P. GWIN, DO, BSEE, BSN**

**CURRICULUM VITAE**

**EDUCATION**

DO	Arizona College of Osteopathic Medicine Glendale, Arizona	2003
BS	Nursing, Wayne State University Detroit, Michigan	1995
BS	Electrical Engineering, Illinois Institute of Technology Chicago, Illinois	1987

**POST GRADUATE MEDICAL TRAINING**

Resident, Emergency Medicine University of Kentucky Lexington, Kentucky	2006
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**PROFESSIONAL EXPERIENCE**

Consultant Biodynamic Research Corporation San Antonio, Texas	2012-Present
Independent Contractor Telemedicine Physician Doctor on Demand	March-April 2020
Assistant Clinical Professor University of the Incarnate Word School of Osteopathic Medicine San Antonio, Texas	May 2016-Present
Emergency Physician Powell Valley Hospital Powell, Wyoming	2006-2012

***Locum tenens* Emergency Physician Positions**

De Tar Hospital Navarro Victoria, Texas	2015-2016
Peterson Regional Medical Center Kerrville, Texas	2012-2016
North Big Horn Hospital Lovell, Wyoming	2011-2012
Campbell County Memorial Hospital Gillette, Wyoming	2011-2012
Carbon County Memorial Hospital Rawlins, Wyoming	2011-2012
Phoenix Indian Medical Center Phoenix, Arizona	2011-2012
Crow/Northern Cheyenne Indian Health Service Crow Agency, Montana	2006-2008
Marshall Emergency Services Associates Lexington, Kentucky	2005-2006
Rockcastle County Hospital Mt. Vernon, Kentucky	2004-2006

**Emergency Nurse Positions**

Arrowhead Community Hospital Glendale, Arizona	1999-2003
Whiteriver Indian Health Services Hospital Whiteriver, Arizona	1998-1999
Navapache Regional Medical Center Show Low, Arizona	1996-1998
Emergency Technician Detroit Receiving Hospital Detroit, Michigan	1994-1995

Volunteer Firefighter/EMT 1989-1992  
Rockwood, Michigan  
Brownstown, Michigan

EMT 1989-1991  
Emergency Medical Transport Service  
Monroe, Michigan

Automotive Test and Development Engineer 1987-1993  
Ford Motor Company  
Dearborn, Michigan

### **PROFESSIONAL REGISTRATION**

Emergency Licensure for COVID-19 2020  
Delaware, Florida, Iowa, Idaho, New York

Certified Fire/Arson Investigator 2016-2018

Accreditation Commission for Traffic Accident 2014-Present  
Reconstruction (ACTAR #2623)

Medical Licensure	Colorado	2021-Present
	Texas	2012-Present
	Montana	2011-Present
	Wyoming	2006-Present

American Board of Emergency Medicine – Board Certified 2008-Present

Advanced Burn Life Support 2007-Present

Advanced Trauma Life Support 2003-Present

Advanced Cardiac Life Support 1996-Present

Pediatric Advanced Life Support 1996-Present

Basic Life Support 1988-Present

## **PROFESSIONAL AFFILIATIONS**

National Association of EMS Physicians	2023-Present
American Society of Mechanical Engineers	2022-Present
American Academy of Emergency Medicine Legal Committee	2020-Present
Biomedical Engineering Society	2016-Present
Society of Automotive Engineers	2013-Present
Association for the Advancement of Automotive Medicine AIS Content Subcommittee	2012-Present 2018-Present
American College of Emergency Physicians, Fellow	2009-Present
American Academy of Emergency Medicine, Fellow	2009-Present

## **VOLUNTEER POSITIONS**

Fort Collins Professional Women for Good Founding Member Fort Collins, Colorado	2023-Present
Founding Member Board Advisory Group Facilitator Volunteer Resources Team End of Life Options Colorado	2022-Present
Physician/Sawyer Team Rubicon International	2020-Present
Physician Crossroads Healthcare Clinic Cheyenne, Wyoming	2017-Present
Physician Acacia Medical Mission Spring Branch, Texas	2014-2016

Preceptor Texas Tech University	2014-2016
Oral Board Review Course Instructor American Academy of Emergency Medicine Various Locations	2009-Present
Board of Directors Yellowstone Behavioral Health Center Cody, Wyoming	2009-2012
Physician Heart Mountain Volunteer Medical Clinic Powell, Wyoming	2008-2012
Medical Director, Trauma Committee Powell Valley Hospital Powell, Wyoming	2007-2010

## **PUBLICATIONS**

Gall, J, Martinez, J, Watson, R, Gwin, L. 2024. Frontal Crash Testing of a Class V Lift Truck. American Society of Mechanical Engineering. ASME Open Journal of Engineering, Vol. 3. 034501-1 to 6.

Martinez, J, Germane A, Watson R, Gwin L. Exit Time Differences Between Gated and Open Operator Compartments in Stand-Up End-Controlled Lift Trucks with an Examination of Injury Potential in Tip-Over and Off-Dock Incidents. Proceedings of the ASME 2022 International Mechanical Engineering Congress and Exposition. 2022.

Bonugli, E., Greenston, M., Scott, W., Folley, A. et al., “Human Subject Kinematic Response to Low-Speed Sideswipes Involving a Truck Trailer,” SAE Technical Paper 2021-01-5043, 2021, <https://doi.org/10.4271/2021-01-5043>.

Cormier, J., Gwin, L., Reinhart, L., Wood, R., & Bain, C. (2018). A comprehensive review of low-speed rear impact volunteer studies and a comparison to real-world outcomes. *Spine*, 43(18), 1250.

Guzman H; Barraza A; Bonugli E; Reinhart L and Gwin L. Comparison of lumbar spine acceleration profiles of everyday activities and examination of their frequency content. *41<sup>st</sup> Annual Meeting of the American Society of Biomechanics*. 2017.

Germane AG; Freund MA; Gwin LP; McNish TM; Scott WR; Day CM, and Bain CE. Technology in the courtroom. Curran J and Meaders K, eds. IN: *Expert Witnesses: Motor Vehicle and Accident Reconstruction Cases, 2016-2017 Edition*. Thomson Reuters; 2016; pp. 1073-1094.

Gwin LP; Guzman H; Bonugli E; Scott W, and Freund M. Measurement of Tolerable and Non-Injurious Levels of Back-to-Front Whole Body Accelerations. *SAE Technical Paper*. SAE # 2014-01-0492. 2014.

Bonugli E; Wirth J; Funk J; Cormier J; Guzman H; Gwin L, and Freund M. Characterization of Force Deflection Properties for Vehicular Bumper-to-Bumper Interactions. *SAE Int J Trans Safety*. SAE #2014-01-0482. 2014; 2(1):doi:10.4271/2014-01-0482.

Martin J and Gwin L. The multiply injured patient. Stone CK and Humphries RL. IN: *Current Diagnosis & Treatment: Emergency Medicine, 6<sup>th</sup> ed*. New York: McGraw Hill; 2007; pp. 167-180.

Wood IO; Krommenhoek A; Velasco L; Russ R; Nieto JM; Wallace ES; Gwin L; Bay RC; Butler K; Ingall TJ; Tiffany BR, and Lipinski CA. Emergency Department Management of Acute Stroke Patients: Presence and Absence of Stroke Teams [abstract]. *Acad Emerg Med*, 2002; 9(5):412.

A Comparative Evaluation of Onboard Refueling Vapor Recovery Fuel Fill Pipe Seal Systems. 1990 Society of Automotive Engineers International Congress & Exposition.