MATHEW GREENSTON, MD, MS, FACEP

CURRICULUM VITAE

EDUCATION

MD	George Washington University Washington, DC	1998
BS	Washington University Mechanical Engineering St. Louis, Missouri	1992

POST GRADUATE STUDIES

MS	University of California – San Diego Bioengineering La Jolla, California	1994

SHORT COURSES (SELECTED)

Northwestern University Center for Public Safety
Evanston, Illinois

Traffic Crash Investigation	2017
Traffic Crash Reconstruction I	October 2017
Traffic Crash Reconstruction 2	November 2017

University of North Florida – Institute of Police Technology and Management

ACTAR Test Preparation – Comprehensive	January 2018

Engineering Dynamics Corporation

EDCRASH – EDC Reconstruction	January 2020

Certificate of Attendance -SAE International — October 2021
Applied Vehicle Dynamics Course
Greer, South Carolina

Biodynamic Research Corporation
12810 West Golden Lane
San Antonio, TX 78249-2231
www.brconline.com
210.691.0281

PROFESSIONAL EXPERIENCE

Consultant Biodynamic Research Corporation San Antonio, Texas	2017-Present
Surepoint Emergency Room / Flint Medical Staffing Emergency Department Attending Physician	2022-2024
Baptist Emergency Hospitals/EMERUS/USACS Emergency Department Attending Physician	2017-2023
First Choice Emergency Room/ADEPTUS Emergency Department Attending Physician	2017-2020
Emergency Department Consultant Palmerston North Hospital New Zealand	2014-2017
Catholic Medical Center/Granite State Emergency Physicians	2001-2013
Co-Medical Director Emergency Department	2012-2013
Chairman of Medicine	2010-2013
EMS Medical Director	2004-2013
Emergency Medicine Attending	2001-2013
Interim Chief Medical Officer	2012-2012
CPOE Expert Clinical Informatics	2010-2012
Assistant Medical Director Emergency Department	2004-2011
Emergency Medicine Per Diem Attending Portsmouth Regional Hospital Portsmouth Emergency Physicians	2011-2013
Emergency Medicine Physician Per Diem Kaiser Permanente Bellflower, California	2000-2001
Emergency Medicine Resident Martin Luther King Hospital Los Angeles, California	1998-2001

PROFESSIONAL REGISTRATIONS/AFFILIATIONS

Medical Licensures: New Hampshire
Texas

Medical Council of New Zealand

Board Certified in Emergency Medicine and a Fellow of American College of Emergency Physicians

Association for the Advancement of Automotive Medicine (AAAM)

Society of Automotive Engineers (SAE)

The Accreditation Commission for Traffic Accident Reconstruction (ACTAR #3460)

ACADEMIC AFFILIATIONS

Clinical Adjunct Professor, USAF School of Aerospace Medicine – San Antonio, Texas — 2019-Present

Guest Lecturer, Department of Biomedical Engineering University of Texas, San Antonio, Texas — 2019

PRESENTATIONS

Injury Causation Analysis Conference Speaker and Panelist Presented to IAIME International Academy of Independent Medical Evaluators; Virtual Course; March 2021.

PUBLICATIONS

Watson, R.A., Bonugli, E., Greenston, M., Santos, E. et al., "Event Data Recorder Trigger Probability in the Crash Investigation
Sampling System Database," SAE Technical Paper 2024-01-5027, 2024, doi:10.4271/2024-01-5027.

Watson, R., E. Bonugli, and M. Greenston, Frontal crash reconstruction compared to Event Data Recorders in the Crash Investigation Sampling System Database and the effect on injury risk models. SAE Technical Paper. SAE #2023-01-5043, 2023.

Watson, R., Cormier, J., Bonugli, E., and Greenston, M., “Comparison of Rear Impact Crash Reconstructions to Event Data Recorders in the Crash Investigation Sampling System Database,” SAE Technical Paper 2022-01-5069, 2022, doi:10.4271/2022-01-5069.

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

Greenston MJ; Wood RL; and Reinhart L. Clinical Significance of the Seatbelt Sign as Evidence of a Compromised Occupant-Seatbelt Relationship. *J Emerg Med. 2019; 56(6):624-632.*

Wood RL; Greenston MJ; Bain CE, and Brook CN. Do low-speed vehicle collisions cause intervertebral disc degeneration or herniation? *AMA Guides Newsletter*; 2018; Nov/Dec 3-8.