



CURRICULUM VITAE
ZACHARIAH WEIMER

EDUCATION

2008	MS	COLORADO SCHOOL OF MINES – GOLDEN, COLORADO College of Engineering Engineering – Mechanical
1999	BS	COLORADO SCHOOL OF MINES – GOLDEN, COLORADO College of Engineering Engineering – Mechanical Specialty

PROFESSIONAL EXPERIENCE

2013 – DATE	VECTOR SCIENTIFIC, INC. <i>Director of Accident Reconstruction (2026 to Date)</i> <i>Senior Engineer</i> <i>Accident Reconstruction</i>
2009 – 2013	OEC FORENSICS <i>Senior Engineer</i> <i>Accident Reconstruction</i>
2005 – 2008	LARSON BINKLEY, INC. <i>Mechanical Engineer</i>
2003 – 2005	BREDSON & ASSOCIATES, INC. <i>Mechanical Designer</i>

LICENSES AND CERTIFICATIONS

Registered Professional Engineer
State of Colorado #43521

Registered Professional Engineer
State of Kansas #20091

Registered Professional Engineer
State of Wyoming #15440

National Council of Examiners for Engineering and Surveying
Record #38727

National Academy of Forensic Engineers
Board Certified Diplomat in Forensic Engineering #775M

Accreditation Commission for Traffic Accident Reconstruction
Fully Accredited Traffic Accident Reconstructionist #2435

Bosch/Vetronix Crash Data Retrieval
CDR Data Analyst and System Operator Certification

Bosch/Vetronix Crash Data Retrieval
CDR Technician I & II Certifications

PUBLICATIONS

Weimer Z, Ogden J, Martonovich M, Kloberdanz K. Information Analysis for the Collision Analyst, Collision Magazine, Volume 7, Issue 1, Spring 2012.

Weimer Z, Ogden J, Kloberdanz K, Martonovich M. Event Data Recorders and Evidence Spoliation: Avoiding Exposure, Colorado Claims, Volume 9, Number 3, October 2011.

ORAL PRESENTATIONS

Weimer Z, Storvik SG, Clark JM, Sreedhar A. Accident Reconstruction and Injury Biomechanics in Low-Speed Motor Vehicle Collisions. CLE Accredited Seminars, Colorado, November 2022.

Wheeler JB, Weimer Z, Storvik SG, Baker WA, Clark JM. Accident Reconstruction and Injury Biomechanics in Low-Speed Motor Vehicle Collisions. CLE/MCLE Accredited Seminars in Arizona, California, Colorado, 2021-22.

Weimer Z, Ogden JS. Forensic Engineering Methods for the Analytical Analysis of Low-Speed Impacts. Special Seminar of the National Academy of Forensic Engineers, Minneapolis, Minnesota, July 2013.

CONFERENCES, SEMINARS AND SHORT COURSES

- 2025 EDR User's Summit, Houston, TX
- 2024 Virtual Crash Accident Reconstruction Software Live Classroom Training, Carlsbad, CA
- 2024 Response Training Course – Driver Research Institute eSeminar
- 2023 World Reconstruction Exposition (WREX) 2023, Orlando, FL
- 2022 Point Clouds in Collision Reconstruction: Speed from Video and Crush from Photos – Lightpoint Data eSeminar
- 2021 Applying Automotive EDR Data to Traffic Crash Reconstruction – SAE e-Seminar
- 2019 Bosch Crash Data Retrieval – CDR Analyst Course, Westminster, CO
- 2017 Bosch Crash Data Retrieval – CDR Technician Course, Golden, CO

- 2017 Annual Meeting of the National Academy of Forensic Engineers, Atlanta, GA
- 2017 Special Seminar of the National Academy of Forensic Engineers, Atlanta, GA
- 2015 Vehicle Dynamics for Passenger Vehicles and Light Trucks - SAE e-Seminar
- 2015 Reconstruction and Analysis of Rollover Crashes of Light Vehicles - SAE, Detroit, MI
- 2013 Annual Meeting of the National Academy of Forensic Engineers, Minneapolis, MN
- 2013 Special Seminar of the National Academy of Forensic Engineers, Minneapolis, MN
- 2012 Understanding Slip & Fall Events: A Biomechanical Perspective, University of Southern California, Pasadena, CA
- 2012 Photomodeler Collision Investigation, Loveland, CO
- 2012 Traffic Crash Reconstruction III, Northwestern University Center for Public Safety, Evanston, IL
- 2012 Bosch Crash Data Retrieval – CDR Technician I & II Course, Littleton, CO
- 2011 ARAS360 Advanced 3D Computer Diagramming for Crash Reconstruction, Train the Trainer, Kamloops, BC
- 2011 Annual Meeting of the National Academy of Forensic Engineers, Las Vegas, NV
- 2011 Special Seminar of the National Academy of Forensic Engineers, Las Vegas, NV
- 2011 PC-Crash Special 3-day Workshop, Laguna Hills, CA
- 2010 Excel Tribometers Certified XL Tribometrist Certification Program, San Antonio, TX
- 2010 Traffic Crash Reconstruction II, Northwestern University Center for Public Safety, Evanston, IL
- 2009 Bosch Crash Data Retrieval – CDR System Analyst Course, Grand Junction, CO
- 2009 Bosch Crash Data Retrieval – CDR Technician Course, Grand Junction, CO
- 2009 Traffic Accident Reconstruction I, Northwestern University Center for Public Safety, Valhalla, NY
- 2009 Accident Investigation I & II, Northwestern University Center for Public Safety
- 2002 Motorcycle Safety Foundation Motorcycle RiderCourse®, Lakewood, CO (7/21/2002)

PROFESSIONAL MEMBERSHIPS

- 2010 – Date Professional Engineers of Colorado
- 2010 – Date National Society of Professional Engineers (NSPE)
- 2010 – Date Society of Automotive Engineers (SAE)
- 2009 – Date Kansas State Board of Technical Professions
- 2009 – Date National Academy of Forensic Engineers (NAFE)
- 1999 – Date Order of the Engineer
- 1996 – 2013 American Society of Mechanical Engineers (ASME)