



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.  
*Senior Engineer*  
*Accident Reconstruction*
- 2009 – 2013 OEC FORENSICS  
*Senior Engineer*  
*Accident Reconstruction*
- 2005 – 2008 LARSON BINKLEY, INC.  
*Mechanical Engineer*
- 2003 – 2005 BREDSON & ASSOCIATES, INC.  
*Mechanical Designer*

**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**

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)